

CIRCLE TRACK



2021-2022

Circle Track Parts and Accessories



QA1 SHOCKS

- Engineered by racers for racers
- Limitless valving and piston options
- Made in the USA

QA1 DRIVESHAFTS

- Lighter
- Stronger
- Safer



QA1 ROD ENDS & BALL JOINTS

- Prevent failures from worn, outdated components
- Promote consistency by eliminating binding
- Trusted for nearly 30 years on the track





Staying ahead of the competition on the track means staying ahead in the pits and shop. Our 2021-22 Circle Track catalog brings you more than 400 manufacturers offering the latest in high-performance components for engine, chassis, body, and safety, as well as tools and equipment. From long-standing favorites to the latest high-tech gear, we have the products you need to get to victory lane.

Photo By Catherine Ritz of Josh Sternberg's Dirt Pro Stock

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**Spark Plug Heat Range/
Cross Reference..... 843**



AIR CLEANERS AND ACCESSORIES

Lightweight 14" Aluminum Air Cleaner Kits

Race and dyno-proven air cleaners feature a low profile and free-flowing design that creates more power over standard flat air cleaner assemblies. Kits include a high-flowing dropped base with matching lid and a sure seal spacer with an integrated O-ring for a positive seal on carburetors with a 5-1/8" neck.

Kits without Filter Element

These kits are sold without filters. Select plain or black coated finish and the correct height sure seal spacer.



Description	Plain Finish	Black Finish
Kit with 1/2" Sure Seal Spacer	ALL25900	ALL25901
Kit with 1" Sure Seal Spacer	ALL25902	ALL25903
Kit with 1-1/2" Sure Seal Spacer	ALL25904	ALL25905
Kit with 2" Sure Seal Spacer	ALL25906	ALL25907

Kits with Paper Element

Kits include a paper element filter in choice of 3", 3-1/2", 4", or 5", height and a 1" sure seal spacer. Choose from plain or black coated finish lid and base.



Description	Plain Finish	Black Finish
Kit with 3" Paper Element	ALL25910	ALL25911
Kit with 3-1/2" Paper Element	ALL25912	ALL25913
Kit with 4" Paper Element	ALL25914	ALL25915
Kit with 5" Paper Element	ALL25916	ALL25917

Kits with Washable Element

Kits include a pre-oiled washable element filter in choice of 3", 4", 5" or 6" height and a 1" sure seal spacer. Choose from plain or black coated finish lid and base.



Description	Plain Finish	Black Finish
Kit with 3" Washable Element	ALL25920	ALL25921
Kit with 4" Washable Element	ALL25922	ALL25923
Kit with 5" Washable Element	ALL25924	ALL25925
Kit with 6" Washable Element	ALL25926	ALL25927



[ALL25940](#)



[ALL25943](#)



[ALL25946](#)

Part No.	Description
ALL25940	14" Top Plain
ALL25941	14" Bottom Plain
ALL25942	14" Top Black
ALL25943	14" Bottom Black
ALL25944	1/2" Sure Seal Spacer (Places Air Cleaner Base 1-1/8" Below Carb Neck Sealing Flange)
ALL25945	1" Sure Seal Spacer (Places Air Cleaner Base 5/8" Below Carb Neck Sealing Flange)
ALL25946	1-1/2" Sure Seal Spacer (Places Air Cleaner Base 1/8" Below Carb Neck Sealing Flange)
ALL25947	2" Sure Seal Spacer (Places Air Cleaner Base 3/8" Above Carb Neck Sealing Flange)

14" Aluminum Air Cleaner Kits

[ALL26097](#)

Low-profile, spun-aluminum air cleaner kits have a plain or black finished lid, a base for carburetors with 5-1/8" necks and O-ring spacer for a positive seal. Elements sold separately.



Part No.	Description
ALL26094	Plain Kit with 1/2" Spacer
ALL26097	Black Kit with 1/2" Spacer
ALL26095	Plain Offset Base Kit with 1/2" Spacer
ALL26098	Plain Kit with 1" Spacer
ALL26099	Black Kit with 1" Spacer

Individual Components

ALL26090	Plain Top
ALL26088	Black Top
ALL26092	Standard Base
ALL26091	Offset Base
ALL26085	1/2" Spacer (Places Base 1-3/8" Below Carb Neck Sealing Flange)
ALL26086	1" Spacer (Places Base 7/8" Below Carb Neck Sealing Flange)
ALL26087	1-1/2" Spacer (Places Base 3/8" Below Carb Neck Sealing Flange)
ALL25947	2" Spacer (Places Base 1/8" Above Carb Neck Sealing Flange)
ALL26084	Replacement Spacer O-ring

16" Aluminum Air Cleaner Kit [ALL26096](#)

Larger diameter unit provides increased filter area and air flow over standard 14" air cleaners, allowing the same amount of flow when using a shorter element due to limited clearance. Kit includes a low-profile, spun aluminum lid, a base for carburetors with 5-1/8" neck and a 1/2" tall O-ring spacer for a positive seal. Element sold separately.



Part No.	Description
ALL26089	Top
ALL26093	Base
ALL26085	1/2" Spacer (Places Base 1-11/16" Below Carb Neck Sealing Flange)
ALL26086	1" Spacer (Places Base 1-3/16" Below Carb Neck Sealing Flange)
ALL26087	1-1/2" Spacer (Places Base 11/16" Below Carb Neck Sealing Flange)
ALL25947	2" Spacer (Places Base 3/16" Below Carb Neck Sealing Flange)
ALL26084	Replacement Spacer O-Ring

Offset Air Cleaner Base [ALL26091](#)

14" base is offset 1" and commonly used for extra distributor clearance. Offset base has a 1-1/2" drop and will fit carburetors with a 5-1/8" neck including Q-Jets, Holley 2bbl. and Edelbrock carburetors without choke. Base will not work with Holley 4bbl. carburetors. Offset air cleaner stud [ALL26057](#) is required.





AIR CLEANERS AND ACCESSORIES

2bbl. Air Cleaner Base

ALL26081

Aluminum air cleaner base has 14" overall diameter. 5/8" drop, plain finish. 3" diameter carburetor flange.



Air Cleaner Adapter **ALL26080**

Use the more readily available 4bbl. air cleaner on a Rochester 2bbl. carburetor. Accessorize with aftermarket air cleaner and retain stock 2bbl. carburetor and intake. Racing classes using a 2bbl. can benefit from the higher flow of a 4bbl. air cleaner. Made of high-strength ABS plastic. Adapter has a 3" I.D. and a 5-1/8" O.D.



Air Cleaner Hold-Down Seal

Hold-down seal prevents dirt from collecting in the "cup" of the air cleaner lid, which can fall into the carburetor, causing major engine damage. This is specially designed to fit Allstar aluminum air cleaner lids. Available to fit 1/4" or 5/16" carburetor studs.



Part No.	Description
ALL26050	1/4"-20 Threads
ALL26051	5/16"-18 Threads

O-Ring Carb Nuts

Seal air cleaner and eliminate using a wrench to remove air cleaner assembly. Black aluminum nuts have a grooved pattern for non-slip grip.

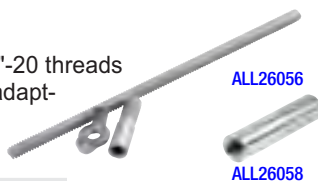
Part No.	Description
Short Nut - 5/8" Tall	
ALL26045	1/4"-20 Thread
ALL26047	5/16"-18 Thread
Tall Nut - 1-1/4" Tall	
ALL26046	1/4"-20 Thread
ALL26048	5/16"-18 Thread



Air Cleaner Studs

Straight stud is 6" long with 1/4"-20 threads and includes a wing nut and an adapter for carburetors with 5/16"-18 threads.

Part No.	Description
ALL26056	Straight Stud with Adapter
ALL26058	Adapter, 1/4" -20 to 5/16"-18



Straight Air Cleaner Studs

Studs have 5/16"-18 threads and are 6" long.

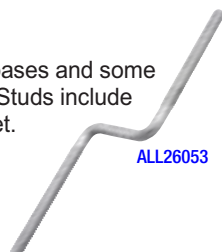
Part No.	Description
ALL26054	Aluminum
ALL26055	Chrome Moly



Offset Air Cleaner Studs

Offset studs work with offset air cleaner bases and some 2bbl. carburetors that require offset studs. Studs include mounting hardware and have a 1-3/8" offset.

Part No.	Description
ALL26057	1/4"-20
ALL26053	5/16"-18
ALL26058	Adapter, 1/4" to 5/16"



Air Cleaner Filters

Mesh filters fit over an air cleaner assembly to add another layer of protection against dirt, dust, and debris. Filters fit Allstar paper and washable 14" air cleaners, and will not fit oversized units like R2C/Walker.



Part No.	Description
Filters without Top Cover	
ALL26220	14" x 3"
ALL26221	14" x 4"
ALL26222	14" x 5"
Filters with Top Cover	
ALL26224	14" x 4"
ALL26225	14" x 5"

Paper Air Filter Elements

High-performance paper air filter elements increase air flow.

Part No.	Description
ALL26020	14" x 3"
ALL26021	14" x 3.5"
ALL26022	14" x 4"
ALL26023	14" x 5"
ALL26028	16" x 3"
ALL26029	16" x 3.5"
ALL26030	16" x 4"



Washable Air Filter Elements

Washable air filter elements offer better engine protection and increase air flow for more power and torque. After cleaning, elements may be re-used. Elements are pre-oiled and available in four heights.

Part No.	Description
ALL26000	14" x 3"
ALL26002	14" x 4"
ALL26004	14" x 5"
ALL26006	14" x 6"



Air Cleaner Top Element **ALL26010**

Unique 14" diameter element replaces traditional metal lid to increase air flow for more horsepower and torque. Washable element may be cleaned and used over and over. Top element is pre-oiled and ready for installation.



Air Cleaner Cover **ALL26230**

Water-repellent cover fits 14" diameter air cleaner assemblies from 3" to 6" tall. Perfect for washing or storage and includes a drawstring.





AIR CLEANERS AND ACCESSORIES

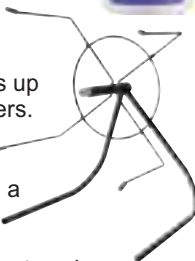
Air Filter Cleaner ALL78222

Spray solution directly onto dirty air filter. Let soak for 5-10 minutes, then rinse clean with water. For use with Allstar washable air filter elements. Plastic 24-oz. bottle.



Filter Cleaning Station ALL26009

Filter cleaning station simplifies and speeds up the process of servicing 14" washable air filters. Spray air filter with a cleaner/degreaser as recommended by filter manufacturer. Allow a brief time to soak and then flush clean with a garden hose. Allow filter to dry completely then apply an even application of filter oil, if applicable. For use with washable filter elements only.



Breathers

Shielded or non-shielded clamp-on breathers will fit valve cover tubes.

Part No.	Description
Non-Shielded	
ALL36202	1-1/2"
ALL36204	1-3/8"
Shielded	
ALL36203	1-1/2"
ALL36205	1-3/8"



Breather Sock ALL36208

The breather sock fits over standard 3" diameter, 2-1/2" tall valve cover breathers to help catch residual oil discharged from the engine through valve cover breathers. A practical alternative to wrapping dirty shop rags around valve cover breathers! Socks are easily cleaned with a mild detergent.



Breather Filters

Mesh filters add another layer of protection against dirt, dust, and debris. Fits 3" diameter breathers typically used on valve covers, breather tanks, and helmet systems.

Part No.	Description
ALL26227	Fits Non-Shielded Breathers
ALL26228	Fits Shielded Breathers
Related Parts	
ALL36202	Non-Shielded Breather, 1-1/2"
ALL36203	Shielded Breather, 1-1/2"
ALL36204	Non-Shielded Breather, 1-3/8"
ALL36205	Shielded Breather, 1-3/8"



Breather Cover ALL26232

Water-repellent cover fits 3" diameter breathers commonly found on valve covers, breather tanks, and helmet systems. Cover with drawstring fits both shielded and non-shielded breathers.



Carb Hats

Carburetor hats are ideal to cover open carbs and prevent debris from falling into the engine while working in garage or pit area while the air cleaner is removed. 2-1/2" tall carb hats are designed to fit most carbs or throttle bodies with a 5-1/8" diameter neck.



ALL26040

ALL26042



ALL26043

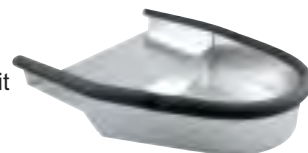
ALL26044

Part No.	Description
ALL26040	Plastic Carb Hat
ALL26042	Plastic Carb Hat with Screen
ALL26043	Aluminum Carb Hat, Standard Spun Aluminum
ALL26044	Aluminum Carb Hat, Deluxe Machined Aluminum with Sealing O-Ring

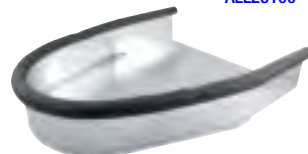
Note: Hats will not clear choke linkage or shaft on Holley-style carbs but will clear choke horn with choke linkage and shaft removed.

Air Pans

Lightweight aluminum air pans fit between the carburetor and cowl area to keep engine heat away from and direct cool air to the carburetor. Cooler intake air means extra horsepower. Carb mounting flange is uncut.



ALL26100



ALL26101

Part No.	Description
ALL26100	Stepped Plenum
ALL26101	Flat Plenum

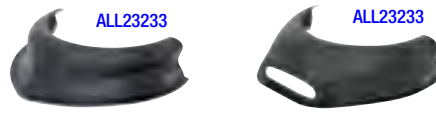
Universal Plastic Air Pan ALL26104

Durable plastic pan fits over the base of most 14" air cleaners and acts as a cold air box, sealing off the air cleaner assembly from the engine heat. Universal fit pan is designed for vehicles with air cleaner openings in the hood and will require additional trimming and sealing for a proper fit. Pan measures 18" x 4" and includes a silicone air cleaner base seal.



Hood Scoops

Scoops are molded from durable high-impact plastic with carbon fiber look and have a mold-in flange for easy mounting. Designed for use with 14" air cleaners, scoops protect air cleaners that protrude through the hood from dirt and debris. All scoops surround approximately half of the air cleaner assembly.



ALL23233

ALL23233



ALL23237

ALL23246

Part No.	Description	Height	Center of A/C to Front of Scoop
ALL23230	Short Tapered Front	2-1/2"	12"
ALL23232	Short Tapered Front	3-1/2"	13"
ALL23246	Long Tapered Front	3-1/2"	17"
ALL23247*	Long Tapered Front	3-1/2"	17"
ALL23248	Long Tapered Front	3-1/2"	18"
ALL23249*	Long Tapered Front	5-1/2"	18"
ALL23233	Open Front	3-1/2"	12-1/2"
ALL23235	Flat Front	3-1/2"	15-1/2"
ALL23237	Flat Front	5-1/2"	18"

* Mounting flange has a slight curvature for rolled hoods.



BODY

Aluminum Sheets



Aluminum sheets are 0.040" thick and available in most popular colors. Sheets with single-sided colors have a white painted backside and all sheets have a removable protective film on one side to resist scratches.

Part No.	Description
4' x 10' (120")	
ALL22200	Plain†
ALL22201	Chrome on Chrome (Bright Clear)§
ALL22202	White
ALL22203	Xtreme Red
ALL22204	Red
ALL22209	Red on Red
ALL22206	Gloss Black
ALL22207	Black on Black, Gloss
ALL22208	Flat Black
ALL22219	Black on Black, Flat
ALL22210	Shell Gray (Medium)
ALL22211	Xtreme Green
ALL22212	Pepsi Blue (Light)
ALL22213	Chevron Blue (Medium)
ALL22205	Chevron Blue on Chevron Blue (Medium)
ALL22214	Heron Blue (Dark)
ALL22215	Orange
ALL22244	Vibrant Orange
ALL22216	Yellow
ALL22218	Yellow on Yellow
ALL22217	Xtreme Purple
ALL22245	Silver Metallic
4' x 10'-6" (126")	
ALL22480	White on White
ALL22482	Black on Black, Gloss
ALL22488	Black on Black, Flat
ALL22484	Red on Red
ALL22486	Chevron Blue on Chevron Blue (Medium)

† Plain finish on both sides.

§ Bright clear on both sides (side with protective film has chrome appearance).

Plain Sheet Steel

Sheet steel is cold rolled with a plain finish, making it great for metal fabrication and restoration projects. Sheet steel has many uses including constructing or repairing body panels and filling holes in firewalls or floor pans. Sheets are 4' x 8'.

Part No.	Description
ALL22242	24 Gauge (.024")
ALL22233	20 Gauge (.036")

Painted Sheet Steel

ALL22243

White-painted 24-gauge (.024") steel is lightweight and perfect for building interiors in racing classes that require steel panels or when filling holes in firewalls or floor pans. 4' x 10' sheet is painted on both sides and one side has a removable protective film to help prevent scratches during handling.

Aluminum Panels

Universal panels have many uses around the shop or at the track. Panels work well when fabricating spoiler sides, interior panels, or on uneven pit areas as a floor jack plate. 24" x 48".

Part No.	Description
ALL22236	0.063" Thick
ALL22237	0.090" Thick
ALL22238	0.125" Thick

Diamond Plate Aluminum ALL22240

4' x 8' sheets are .063" thick and provide an attractive, shiny, non-slip finish for trailer floors, steps, etc.

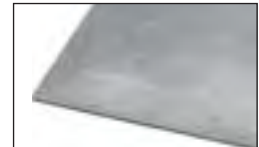


Aluminum and Diamond Plate Shipped Freight Truck, Six Sheet Minimum and Surcharge for a Shipping Pallet.

Steel Plate

Steel plate is useful for many building projects or fabricating brackets. 10-gauge (1/8" thick) 1011 mild steel plate is ideal for adding a protective cover to the driver's side floor or door bar area of circle track cars.

Part No.	Description
ALL54070	18" x 26"
ALL54071	24" x 24"
ALL54072	24" x 36"



Stainless Wire Screen

Use screen to protect radiators, oil coolers or other items. Size referenced is the approximate opening of the screen.

Part No.	Description
5/64" (.025" Wire Diameter)	
ALL22260	12" x 36"
ALL22262	36" x 36"
1/8" (.035" Wire Diameter)	
ALL22265	12" x 36"
ALL22267	36" x 36"
ALL22268	36" x 48"
3/16" (.047" Wire Diameter)	
ALL22270	12" x 36"
ALL22272	36" x 36"
ALL22273	36" x 48"

5/64"

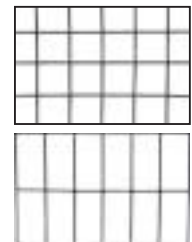
1/8"

3/16"

Steel Wire Screen

Electrically welded steel screen is used for a variety of applications when additional protection is needed. Screen is 2' x 2', constructed of .080" diameter wire and galvanized for corrosion resistance.

Part No.	Description
LL22276	1" x 1"
ALL22277	1" x 2"





BODY

4' x 8' Plastic Sheets

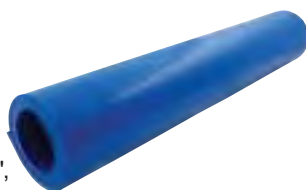


HDPE sheet plastic is 4' x 8' and available in two thicknesses .070" and .100". The .070" thick sheets are the same thickness as our rolled plastic and available in black and white. The .100" thick sheets are available in many of the same colors as our rolled plastic.

Part No.	Description
ALL22246	0.070", White
ALL22248	0.070", Black
ALL22460	0.100", White
ALL22461	0.100", Black
ALL22462	0.100", Red
ALL22464	0.100", Chevron Blue (Med.)
ALL22465	0.100", Orange
ALL22466	0.100", Yellow

Rolled Plastic

HDPE rolled plastic is 24" wide by .070" thick commonly used for spoilers, skirts, body patchwork, etc. Sold in pre-cut lengths (10', 25', and 50').



Color	10' Roll	25' Roll	50' Roll
Black	ALL22400	ALL22401	ALL22402
White	ALL22405	ALL22406	ALL22407
Red	ALL22410	ALL22411	ALL22412
Orange	ALL22420	ALL22421	ALL22422
Yellow	ALL22425	ALL22426	ALL22427
Purple	ALL22430	ALL22431	ALL22432
Pepsi Blue (Light)	ALL22415	ALL22416	ALL22417
Chevron Blue (Med.)	ALL22440	ALL22441	ALL22442

Polycarbonate Sheeting



Scratch-Proof – Material does not scratch easily when hit by debris, or when cleaned. Most popular for windshields, but also may be used for side and rear windows.

Standard – Less expensive, commonly used for side and rear windows. Can also be used for windshields, but scratches easily.

Part No.	Description
ALL22220	36" x 72", 0.118" Scratch-Proof, 2-Sides
ALL22223	40" x 72", 0.118" Scratch-Proof, 2-Sides
ALL22222	72" x 96", 0.118" Scratch-Proof, 2-Sides*
ALL22228	40" x 72", 0.093" Standard
ALL22224	40" x 72", 0.118" Standard
ALL22226	72" x 96", 0.118" Standard*

* Must ship via Truck Freight

Sheet Plastic

Plastic material is 1/4" thick and useful for many projects including building custom nose supports or front splitters.



Part No.	Description
ALL22231	15" x 48"
ALL22232	30" x 48"

Body Support Panel ALL23068

Lightweight aluminum panel features punch/flare holes and 90° flanges to easily connect body braces. Commonly used on template body asphalt car rear quarter panels yet universal enough for use in other locations. 4.5" tall x 30" long with 1" flanges. Sold each.



Modified Nose Supports

Spring steel support fits under the nose panel for structural support and eases mounting of nose valances.

Part No.	Description
ALL23073	Plain
ALL23074	Black

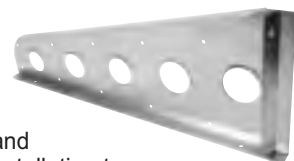
ALL23073



Nose Support for Template Nose

Lightweight aluminum nose support features punch/flare holes and predrilled mounting holes for easy installation to the nose and the chassis. Sold each.

Part No.	Description
ALL23066	LH Support
ALL23067	RH Support



Late Model Body Brace Kits



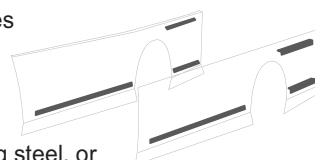
Pre-drilled aluminum kits simplify installation of body panels. Both kits include the following braces: two 30" long 120° lower quarter, two 26" long 90° upper quarter, and two 10" long 90° front fender. ALL23105 kit also includes three 66" long 90° door braces, where the ALL23107 kit includes two 66" long 90° and one 66" long 120° door braces. Use flat stock, spring steel, or slotted strapping to complete assembly (sold separately).

Part No.	Description
ALL23105	Body Brace Kit
ALL23107	Body Brace Kit

Modified Body Brace Kit ALL23106



Pre-drilled aluminum kit simplifies installation of body panels. Two 66" long 90° door braces, two 30" long 120° lower quarter, and two 26" long 90° upper quarter pieces are included. Use flat stock, spring steel, or slotted strapping to complete assembly (sold separately).



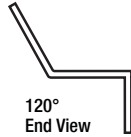
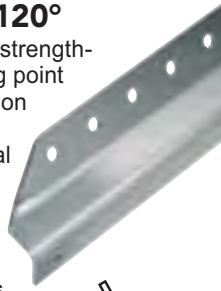


BODY

Reinforced Aluminum Angle, 120°

Aluminum angle has many uses including strengthening body panels and providing a mounting point for strapping or body braces, typically used on the lower section of rear quarter panels and doors. The reinforced design adds additional strength over standard 120° angle with an extra bend which also allows easier access to body brace bolts. Angle allows supports or braces to angle upward toward the chassis. Angle is 1/8" thick x 1-1/2" wide and has predrilled 1/4" holes on 1" centers.

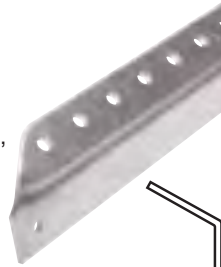
Part No.	Description
ALL23140	26" Long
ALL23140-5	26" Long, 5-Pack
ALL23141	30" Long
ALL23141-5	30" Long, 5-Pack
ALL23142	66" Long
ALL23142-5	66" Long, 5-Pack



Aluminum Angle, 120°

Aluminum angle has many uses including strengthening body panels and providing a mounting point for strapping or body braces, typically used on the lower section of rear quarter panels. 120° angle allows supports or braces to angle upward toward the chassis. Angle is 1/8" thick x 1" wide and has pre-drilled 1/4" holes on 1" centers.

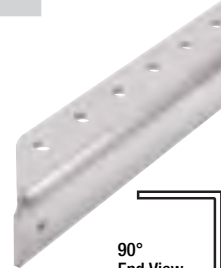
Part No.	Description
ALL23130	26" Long
ALL23130-5	26" Long, 5-Pack
ALL23131	30" Long
ALL23131-5	30" Long, 5-Pack
ALL23132	66" Long
ALL23132-5	66" Long, 5-Pack



Aluminum Angle, 90°

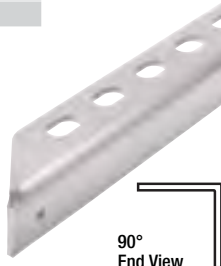
Aluminum angle has many uses including strengthening body panels and providing a mounting point for strapping or body braces, typically used on the upper section of rear quarter panels and door panels. 90° angle allows supports or braces to fasten directly to the chassis. Angle is 1/8" thick x 1" wide and has pre-drilled 1/4" holes on 1" centers.

Part No.	Description
ALL23134	26" Long
ALL23134-5	26" Long, 5-Pack
ALL23135	30" Long
ALL23135-5	30" Long, 5-Pack
ALL23138	66" Long
ALL23138-5	66" Long, 5-Pack



Slotted Aluminum Angle, 90° ALL23124

Slotted angle aluminum brace connects and strengthens body panels. Brace is 1/8" thick x 1" wide x 72" long with 3/8" x 5/8" slots. Ideal for use along tops of spoilers.



Flexible Body Brace Kit ALL23080



Flexible brace attaches to body or nose panels allowing them to bend then return to original shape, minimizing panel damage. Kit includes all components to build or assemble a flexible body brace up to 33" long with 1/4" ends that crimp to flexible rod with a standard impact crimper (ALL76135) or by using a hammer and punch.

Part No.	Description
ALL23081	Body Brace Rod Only
ALL23082	Body Brace Ends, 2-Pack

Flexible Body Brace ALL23075



Flexible brace made from plastic extends up to 31" and may be cut to fit shorter applications. Commonly used to support lower quarter panel or nose sides. Aluminum brackets are adjustable to accommodate a variety of straight and angle applications.

Spoiler/Body Brace



Mount a spoiler or use as a support for lower quarter panel or nose. Can be shortened as needed. Sold each.

Part No.	Description
ALL23020	Steel, Natural, Adjusts 16" to 27"
ALL23021	Aluminum, Black, Adjusts 21" to 26"

Plastic Body Strap

Connect and support body panels to the chassis of most race cars. Durable plastic strap is easily drilled and cut to length, making it an excellent choice for body strapping. Strap is 48"L x 1"W.

Part No.	Description
ALL23088	Body Strap, Single
ALL23088-4	Body Strap, 4-Pack



Slotted Body Strap ALL23120

Connect and support body panels on the chassis of most race cars. 3/16" thick x 46"L x 1"W aluminum strap has 1/4" slots every inch. Use with ALL23105 body brace kit for complete body installation.



Spring Steel ALL23110

Use to make braces when hanging body and fender pieces. Hardened and tempered coil is 40"L x 1"W x .062 thick.



Shrink Sleeve for Spring Steel

Shrink sleeve works great when doubling up 1" wide spring steel.

Part No.	Description
ALL23112	25' Long Roll
ALL23113	100' Long Roll





BODY

1/2" Steel Hood Pin Kits

Kits include two each: 4" long x 1/2" dia. chrome steel pins, chrome steel scuff plates, clips, and four nuts. Available with flip-over or hairpin-style clips.

Part No.	Description
ALL18512	Kit with 3/16" Dia. Flip-Over Clips
ALL18513	Kit with 1/4" Dia. Flip-Over Clips
ALL18514	Kit with 5/32" Dia. Hairpin Clips



ALL18514

1/2" Aluminum Hood Pin Kits

Kits include two each: 4" x 1/2" dia. aluminum pins, aluminum scuff plates, flip-over style, 1/4" dia. steel clips, and four nuts. Clip flips over pin and over-center action locks clip in place.

Color	Complete Kit	Pins Only, 1-Pair
Silver (Plain)	ALL18500	ALL18507
Red Anodized	ALL18501	ALL18508
Blue Anodized	ALL18502	ALL18509
Gold Anodized	ALL18503	ALL18510
Black Anodized	ALL18504	ALL18511



3/8" Aluminum Hood Pin Kits

Kits include two aluminum 3-1/2" x 3/8" dia. pins, two aluminum scuff plates, two flip-over style 3/16" dia. steel clips, and four nuts. Clip flips over stud and locks into place. Over-center action keeps clip in place.

Color	Complete Kit	Pins Only, 1-Pair
Silver (Plain)	ALL18480	ALL18487
Red Anodized	ALL18481	ALL18488
Blue Anodized	ALL18482	ALL18489
Black Anodized	ALL18484	ALL18491



Lightweight Hood Pin Kits

Kits include two 2-3/4" long gun-drilled aluminum pins, two clips, two lightweight aluminum plates and four steel jam nuts.

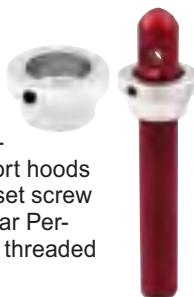
Color	Kit with 3/8" Pins	Kit with 1/2" Pins
Silver (Plain)	ALL18472	ALL18476
Black Anodized	ALL18473	ALL18477



Hood Pin Supports

Supports thread onto hood pins (before installation) and are a good alternative to sections of rubber hose commonly used to support hoods and deck lids. Once supports are in place, a set screw prevents movement. Supports work with Allstar Performance aluminum hood pins and other fully threaded hood pins. Package of 2.

Part No.	Description
ALL18478	3/8"-24
ALL18479	1/2"-20



Hood Pin Extensions

Aluminum extensions fit into existing chassis mounts. 1/2"-20 male to 1/2"-20 female, with 13/16" thread depth. Sold each.

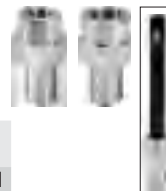
Part No.	Description
ALL18524	1-3/4" Tall
ALL18525	2-3/4" Tall



Hood Pin Adapters

Aluminum adapters convert existing chassis mounts over to hood pin mounts. Sold each.

Part No.	Description
ALL18526	1/2" Hood Pin Mount to 3/8" Hood Pin, 1/2"-20 Male to 3/8"-24 Female
ALL18527	Converts 1/2" Coarse Mount to 1/2" Hood Pin, 1/2"-13 Male to 1/2"-20 Female



Universal Hood Pin Mount ALL60067

Universal bracket with 1/4" mounting holes can be bolted on or welded in place. Bracket accepts 1/2" hood pins to secure hood and deck lids along with many other uses. Constructed of .100" steel, bracket has a built-in reinforcing gusset for added strength.



Hood Pin Mounts

Mounts ease hood pin installation. Choose from threaded boss or tab style.

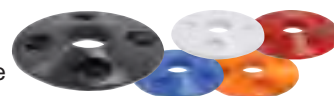
Part No.	Description	Qty. Per Package
ALL18521	3/8"-24 Hood Pin Boss	2
ALL18520	1/2"-20 Hood Pin Boss	2
ALL60005	1/8" Mounting Tab with 1/2" Hole	4
ALL60006	3/16" Mounting Tab with 1/2" Hole	4



Plastic Scuff Plates

Sturdy plastic scuff plates have a raised center for quick, easy removal of hood pin clips. Plates have a 1/2" center hole and four recessed rivet holes for simplified installation.

Color	4-Pack	25-Pack
Black	ALL18430	ALL18430-25
White	ALL18431	ALL18431-25
Red	ALL18432	ALL18432-25
Blue	ALL18433	ALL18433-25
Orange	ALL18434	ALL18434-25
Silver	ALL18435	ALL18435-25
Pink	ALL18436	ALL18436-25
Purple	ALL18437	ALL18437-25
Fluorescent Yellow	ALL18438	ALL18438-25
Fluorescent Orange	ALL18439	ALL18439-25



Scuff Plates

Scuff plates are used to protect painted finishes from repeated hood pin clip use. Plates are drilled for mounting screws or 1/8" diameter rivets. Package of 4.

Description	1/2" Hole	3/8" Hole
Chrome Steel	ALL18517	-
Aluminum	ALL18518	ALL18519
L/W Aluminum	ALL18471	ALL18470



Hood Pin Clips

The same quick-removal pins and clips included with Allstar's hood pin kits. Hair pin clip has a rotated loop for easy grasp and the flip-over clips have a loop with an over center locking feature to keep pin in place. Package of 2.

Part No.	Description
ALL18516	Hairpin Clip, 5/32"
ALL18515	Flip-Over Clip, 3/16"
ALL18506	Flip-Over Clip, 1/4"





BODY

3/16" Flip-Over Clip with Lanyard

Our most popular size flip-over clip commonly used with hood pins is now available with an added steel lanyard which fastens to body panel for easy installation, and to prevent lost clips. Sold each.

Part No.	Description
ALL18460	Clip with 6" Lanyard
ALL18462	Clip with 10" Lanyard

Steel Lanyards

Steel lanyards feature 1/16" diameter cable with 3/4" loops on each end for light-duty applications such as hood pins or retention of similar type fasteners to prevent loss. Sold each.

Part No.	Description
ALL18461	6" Long
ALL18463	10" Long

Nylon Lanyards ALL18468

Nylon lanyards feature a molded end with a 3/16" hole on one end and a snap together open loop on the other end to quickly and easily secure a variety of components. Once snapped together, loop is permanently locked. 10" long, package of 4.

Hinge Kits

Use steel hinge kits on hoods and deck lids for quick, one-person inspection of engine compartment or trunk area. Universal kits include two complete hinges.

Part No.	Description
ALL18522	2-1/4" Long, 5/8" Tall, 1/4" Hole
ALL18523	3" Long, 1-1/4" Tall, 1/4" Hole

Hood Prop ALL23260

Aluminum hood prop is a must for supporting lightweight aluminum and fiberglass hinged hoods or trunk lids commonly found on asphalt template body cars. Prop mounting hole distance is 17-1/4" when open. Sold each.

Car Covers

Designed for a precise fit, covers are a must at the track. Asphalt version has zippers to access the interior and at the wheel well openings. Dirt version has zippers to access the engine area and the driver's compartment. Full-size covers have a soft cotton inner liner, built-in grommets, elastic banding, and are available in silver only.

Part No.	Description
ALL23300	Asphalt Late Model (Template Body)
ALL23301	Template Body Greenhouse Cover
ALL23302	Dirt Late Model*
ALL23306	Modified (IMCA/UMP Type)
ALL23304	Back Half Cover

* Cover is designed for cars with 8" spoiler and sides. Cover will not fit some crate series spoilers.

Outlaw Asphalt Late Model Fiberglass Roof ALL23204

Fiberglass roof has a molded-in recess to provide a smooth transition for mounting wrap-around windshields. Roof measures 41"L x 45"W, weighs approximately 6-1/2 lbs. and features a standard black gel coat finish which is easily prepared for painting.

2-Piece Dirt Roofs

High-impact plastic roofs are two-piece to simplify installation and ship easier. Built-in flange provides a finished look and adds strength to center. Leading edge of roof is recessed for an optional roof cap. Assembled roof measures 50"L x 48"W and weighs less than 13 lbs.

Part No.	Description
ALL23210	White
ALL23211	Black

Extended Dirt Roofs

Fiberglass roofs for Dirt Late Model and Modifieds are extended for maximum allowed coverage. 1/2" rolled side rails provide added strength. 54"L x 51"W.

Part No.	Description
ALL23170	White
ALL23171	Black
Related Part	
ALL23215	Universal Dirt Roof Cap, 50" Wide

Dirt Roofs

Popular fiberglass roofs found on many Dirt Late Model and Modifieds. 46"L x 47"W.

Part No.	Description
ALL23180	White
ALL23181	Black
ALL23183	Yellow
ALL23184	Chevron Blue
ALL23185	Orange

Universal Dirt Roof Cap ALL23215

Universal plastic cap has a simulated carbon fiber look and is wide enough to fit extended and 2-piece dirt roofs. Cap fastens to the leading edge of most roofs to reinforce and protect the leading edge from stone chips. Cap is 50" wide overall.

Dirt Roof Cap ALL23188

Plastic cap is specially designed to fit the Allstar standard 1-piece dirt roof (ALL23180-23185) and help reinforce and protect the leading edge of the roof from stone chips. Cap features a simulated carbon fiber look and measures 43" wide overall.

Rear Roof Support ALL23122

Drilled and slotted aluminum support strengthens Dirt Late Model and Modified rear roof area. Support is 42"L x 7/8"W x 1/8" thick and has 1/4" x 1/2" slots on 1" centers.



BODY

8" Aluminum Adjustable Spoiler Kits

Designed for Dirt Late Models, choose from plain or black powder-coated finish. Each spoiler consists of two unequal length laser-cut sections, one 16" wide and the other 56" wide. Unequal length design blades provide more down force on the right rear of the car and allow more spoiler area in case of right side damage. Assembled spoilers measure 72" wide x 8" tall with a 1" reinforcing lip. Three vertical supports have 2" of adjustment. Mounting hinges included.



Part No.	Description
ALL22997	Plain
ALL22999	Black

Spoiler Kits without Side Panels

Due to sanction body variances in side panels, these universal kits offer a good starting point without buying all pieces separately. 2-piece kits have unequal length sections. Kit includes rear spoiler section and hinges.



Part No.	Description
ALL22974	1-Piece, 2" x 66"
ALL22983	2-Piece, 8" x 72" (16" and 56" Sections)

Modified Spoiler Kits

Black powder-coated aluminum spoilers are 66" wide with adjustable, pre-bent rear blades. Choose 1- or 2-piece design rear blade. Kits include rear blade(s), side panels, and mounting hinges.

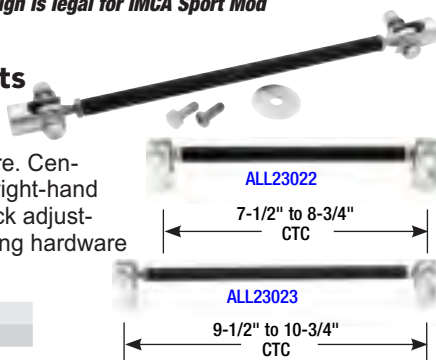


Part No.	Description
ALL22985	1-Piece, 5" Tall, Standard Sides
ALL22986	1-Piece, 5" Tall, Large Sides
ALL22990	2-Piece, 5" Tall, Standard Sides
ALL22991	2-Piece, 5" Tall, Large Sides
ALL22993	2-Piece, 7" Tall, Large Sides

Note: Only the 1-piece design is legal for IMCA Sport Mod

Spoiler Supports

Aluminum support has strong 1/4" steel rod ends with hardware. Center tube has left- and right-hand threaded ends for quick adjustments. 1/4"-20 mounting hardware included. Sold each.



Part No.	Description
ALL23022	6"
ALL23023	8"

Spoiler/Body Brace

Mount a spoiler or use as a support for lower quarter panel or nose. Can be shortened as needed. Sold each.

Part No.	Description
ALL23020	Steel, Natural, Adjusts 16" to 27"
ALL23021	Aluminum, Black, Adjusts 21" to 26"

Spoiler Brackets

Aluminum spoiler brackets rivet directly to the rear spoiler and bolt to the side supports. Curved slot allows quick spoiler adjustment. Brackets are sold flat and require a 90° bend for LH or RH use. Package of 2.



Part No.	Description
ALL23251	4" Tall Bracket for 5" Spoiler
ALL23250	6-1/2" Tall Bracket for 8" Spoiler
ALL23253	10" Tall Bracket for 12" Spoiler

Rear T-Bar Breakaway

ALL23255

Aluminum breakaway mounts to the right rear T-bar found on most Late Models and Modifieds. 1/8" thick with an overall length of 20" wide but it can easily be cut down to 14".



Aluminum Hinges

Low-profile hinge is 2" wide when open and has 7/8" of flat surface on each side of the center pin. Available in 36" and 72" lengths. Commonly used when building spoilers and access doors.

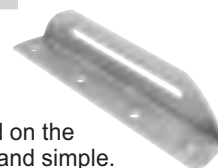


Length/Color	Each	5-Pack
36" Long, Plain	ALL23125	ALL23125-5
72" Long, Plain	ALL23127	ALL23127-5
36" Long, Black	ALL23126	ALL23126-5
72" Long, Black	ALL23128	ALL23128-5

Spoiler Support Bracket

ALL23252

Slotted aluminum bracket can be mounted on the deck to make adding a spoiler support fast and simple.



Access Panel Kits

Aluminum panels can be mounted to provide easy access to dry sump pump tanks, fuel cells, or other under panel items. Kits include frame, access door, hinge, quick turn fastener and quick turn fastener spring. Sizes refer to door opening dimensions, add 2" for installed dimensions.

Size	Clear	Black
6" x 6"	ALL18530	ALL18540
8" x 8"	ALL18531	ALL18541
6" x 14"	ALL18532	ALL18542
10" x 14"	ALL18533	ALL18543
14" x 14"	ALL18534	ALL18544



Replacement Parts

Part No.	Description
ALL18990	Quick Turn Fastener, 10-Pack
ALL19300	Quick Turn Fastener Spring, 10-Pack

Windshield ALL23240

Tinted scratch-proof material provides added protection to driver from wind and debris. Shield has rounded edges for a clean, smooth appearance and measures 30"L x 4-1/4" tall. Commonly used on Dirt Late Models and Modifieds.



Windshield Support ALL23245

Aluminum support mounts to the windshield to help prevent flexing and improve aerodynamics.

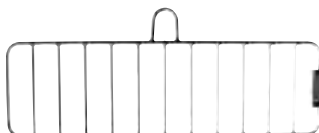




BODY

Rock Screens

Steel screen mounts to chassis providing driver added protection from rocks and debris. Black powder-coated screen is 7-1/2" tall with 2" wide slots. Approximately 1.60 lbs.



Part No.	Description
ALL30165	25" Long
ALL30166	23-3/4" Long

Fiberglass Dash Panels

One-piece, sturdy fiberglass dash panel has four outer pods to accept 2-5/8" gauges and a center area which is perfect for tachometers up to 5" diameter. Wraparound-style panel has upper and lower mounting flanges and measures 29"W x 7" tall.



Part No.	Description
ALL23242	White
ALL23243	Black

Dirt Skirtz

Minimize clay buildup! Unique material is very flexible and virtually eliminates clay buildup so there is no more need to adjust set up for the added weight of clay. Install on the bottom side of dirt car deck panels, choose width based on panel to cover, install supplied Velcro strips and attach Dirt Skirtz. To clean (if necessary), simply remove and wash.



ALL23310



ALL23309

Part No.	Description
ALL23309	10" x 23" (Fuel Cell)
ALL23310	12" x 60"
ALL23312	15" x 60"
ALL23314	21" x 60"
ALL23316	25" x 60"
Do-It-Yourself Kit Custom build your own Dirt Skirtz. Kit includes a 60" x 60" piece of Dirt Skirtz material that may be cut to desired size and attached with the included Velcro material. Note: Once Velcro is applied to material, we recommend sewing the two pieces together for best results.	
ALL23308	
ALL23318	Replacement Velcro Hook Side 1" x 13'
ALL23319	Replacement Velcro Loop Side Soft 1" x 13'

BRAKE

Metric Brake Rotors

New stock replacement brake rotor includes new bearing races and studs for most intermediate sized Metric chassis cars including Monte Carlo, Grand Prix, and Regal. Rotors measure 10.5" O.D. x 1.03" thick. Bearings and seal not included.

Note: Both rotors will work with Allstar Performance metric spindles ALL56318 or ALL56319.



ALL42088

1979-81*

Part No.	Description
ALL42085	Rotor with 12mm-1.50 Studs, 5 on 4-3/4" B.C.
ALL42086	Rotor with 5/8"-11 Wheel Studs, 5 on 5" B.C.

*Outer bearing race has a 1.97" O.D.

Related Parts for 1979-81 Style Rotor

Part No.	Description
ALL72160	Spindle Nut Kit
ALL72164	Front Hub Dust Cap
ALL72305	Master Bearing and Seal Kit
ALL72128	Hub Seal
ALL72275	Inner Bearing
ALL72277	Outer Bearing



ALL72305

1982-88†

Part No.	Description
ALL42087	Rotor with 12mm-1.50 Studs, 5 on 4-3/4" B.C.
ALL42088	Rotor with 5/8"-11 Wheel Studs, 5 on 5" B.C.

†Outer bearing race has a 1.78" O.D.

Related Parts for 1982-88 Style Rotor

Part No.	Description
ALL72160	Spindle Nut Kit
ALL72164	Front Hub Dust Cap
ALL72306	Master Bearing and Seal Kit
ALL72128	Hub Seal
ALL72275	Inner Bearing
ALL72278	Outer Bearing



ALL72306

Hybrid Brake Rotor ALL42094

The hybrid rotor combines the versatility of the Granada style hub with a reduced diameter and width. Rotor is a popular choice when used with Mustang II spindles, metric style brake calipers and hybrid caliper brackets. Rotor measures 10-1/8" O.D. x .812" thick, includes 5/8"-11 wheel studs on a 5x5" B.C., weighs 14 lbs., and includes new bearing races.



Related Parts

Part No.	Description
ALL72161	Spindle Nut Kit
ALL72164	Front Hub Dust Cap
ALL72309	Master Bearing and Seal Kit
ALL72126	Hub Seal
ALL72270	Inner Bearing
ALL72274	Outer Bearing

Granada Brake Rotor

ALL42090

Rotor is often used when converting stock Mustang II brake assemblies to 11" O.D. x .875" brake rotors and larger calipers. Rotors include new bearing races and install directly to Mustang II spindles with stock bearings and seals (not included).



Part No.	Description
ALL42090	Rotor with 1/2"-20 Wheel Studs, 5 on 4-1/2" B.C.
ALL42091	Rotor with 1/2"-20 Wheel Studs, 5 on 4-3/4" B.C.
ALL42089	Rotor with 5/8"-11 Wheel Studs, 5 on 5" B.C.

Related Parts

Part No.	Description
ALL72161	Spindle Nut Kit
ALL72165	Front Hub Dust Cap
ALL72308	Master Bearing and Seal Kit
ALL72126	Hub Seal
ALL72270	Inner Bearing
ALL72274	Outer Bearing

ALL72308





BRAKE

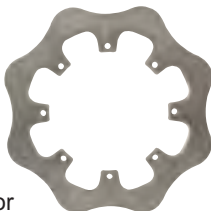
GM Rear Brake Rotor [ALL42095](#)

Hat-style brake rotor with 5 on 4-3/4" pattern can be used with ALL42180 and ALL42181 7.5" metric caliper brackets and stock-type axles. 11-5/8" vented rotor is .790" thick and has a 2.800" I.D. center indexing hole to work with most metric-style axle flanges with a maximum O.D. of 6".



Late Model and Modified Brake Rotor [ALL42011](#)

Lightweight solid rotor for Late Models and Modifieds. Use anywhere reduction of unsprung weight is desirable. Rotor is scalloped to provide maximum weight loss without compromising braking performance or rotor durability. Rotor is steel 8-bolt with a 7" bolt circle, 11.75" diameter and .250" thickness.



40-Vane Directional Rotors

Heavy duty 40-vane brake rotors provide added strength and cooling over standard 36 vane rotors. 11.75" x 1.25" 8 bolt rotors weigh just 11 pounds and have ball-milled slots to keep rotor clean.

Part No.	Description
ALL42004	LH 1.25" x 11.75" 8-Bolt
ALL42005	RH 1.25" x 11.75" 8-Bolt



[ALL42004](#)

36-Vane Directional Rotors

Rotors have 36 directional cooling vanes and are 1-1/4" thick x 11-3/4" diameter. Directional cooling vanes allow brakes to run much cooler than conventional rotor designs. Rotors fit solid mounting brake hats or hubs.

Part No.	Description
ALL42000	LH 1.25" x 11.75" 8-Bolt
ALL42001	RH 1.25" x 11.75" 8-Bolt



Rotor Bolt Kit [ALL42026](#)

Grade 5, 5/16" bolts fasten disc brake rotors to rotor hat or hub. Includes ten bolts, ten washers and ten self-locking nuts.



Stamped Steel Rotor Hat [ALL42120](#)

Brake hat fits 8-bolt rotors with 7" bolt circle mount. Made of stamped steel with a 3" offset and drilled for 4-1/2", 4-3/4" and 5" bolt circles. Hat has 3.060" diameter centering hole and fits axle flanges with up to 5.75" diameter. Drilled for 1/2" wheel studs. IMCA Legal.



Cast Aluminum Rotor Hats

Cast aluminum hats are available in two offsets, fit 8-bolt rotors with 7" bolt circle mount, have a 3.060" diameter centering hole, and fit axle flanges with up to 6.050" diameter. Drilled for 1/2" studs.

Part No.	Description
ALL42129	2-1/2" Offset, 2.2 lbs.
ALL42128	3" Offset, 2.5 lbs.



[ALL42129](#)

Mustang II Caliper Brackets

Install 11" Granada-style rotors and GM Metric-style calipers on stock height or lowered Mustang II spindles with these bolt-on caliper brackets. Lightweight steel brackets weigh just over one pound each and are sold individually. Commonly used on Modifieds and stock cars.

Part No.	Description
ALL42110	LH Caliper Bracket
ALL42111	RH Caliper Bracket



[ALL42111](#)

Hybrid Mustang II Caliper Brackets

Install smaller hybrid style rotors and intermediate GM Metric-style calipers on stock height or lowered Mustang II spindles with these bolt-on caliper brackets. Lightweight steel brackets weigh just one pound each and are sold individually. Commonly used on Modifieds and stock cars.

Part No.	Description
ALL42118	LH Hybrid Caliper Bracket
ALL42119	RH Hybrid Caliper Bracket



[ALL42118](#)

GM 7.5" Rear Caliper Brackets

Steel bolt-on brackets are used when converting drum brake-equipped 7.5" GM-style rear ends to disc brakes. 1/4" thick brackets replace the drum brake backing plates to provide secure mounting for standard intermediate metric calipers (ALL42083 and ALL42084).

Part No.	Description
ALL42180	LH Bracket
ALL42181	RH Bracket



[ALL42180](#)

[ALL42181](#)

Brake Floater Bracket [ALL42187](#)

Steel bracket for use on the left rear suspension with GM Metric calipers.

[ALL42187](#)



Rear Caliper Brackets

Made from 1/4" thick steel, brackets fit 3" diameter axle housings and work with 11.75" diameter rotors. Available for many setups.



[ALL42102](#)



[ALL42186](#)

Part No.	Description
Clamp-On Brackets	
ALL42101	Big GM Style, 7" Spacing
ALL42103	GM Metric, 5-1/2" Spacing, Wide Clamp
ALL42185	GM Metric, 5-1/2" Spacing, Narrow Clamp
ALL42186	GM Metric, 5-1/2" Spacing, Narrow Clamp with Reinforcing Gussets
ALL42105	Wilwood Dynalite, 5-1/4" Spacing
ALL42109	Wilwood Superlite, 3-1/2" Spacing
Weld-On Brackets	
ALL42100	Big GM Style, 7" Spacing
ALL42102	GM Metric, 5-1/2" Spacing
ALL42104	Wilwood Dynalite, 5-1/4" Spacing
ALL42108	Wilwood Superlite, 3-1/2" Spacing



BRAKE

GM Metric Caliper Bracket [ALL42133](#)

3-piece modular bracket has the caliper bracket bolted separately for easy installation to a 3" axle tube without removing the rear hub assembly. Specially designed to mount a GM Metric caliper with 5-1/2" bolt spacing to axle tube when using a 11-3/4" diameter brake rotor. Additional locking bolts install into axle tube to help prevent bracket from rotating.



GM Caliper Bolts

Replacement caliper bolts fit most GM calipers and allow for easy installation and removal. Bolts feature a built-in sleeve to allow for extra caliper travel. Package of 2.



Part No.	Description
ALL42079	Socket Head, 3/8" Allen
ALL42080	Hex Head, 5/8" Wrench

Ford 9" Axle Spacer Plates

Spacer plate takes the place of drum brake backing plate and properly preloads the tapered style axle bearing. Spacers fit large bearing Ford 9" housing ends. Sold each.

Part No.	Description
ALL72318	Late Torino Style
ALL72319	Early Style

Related Item

[ALL72042](#) Backing Plate T-Bolts (Late Style), 8-Pack



[ALL72318](#)

GM Caliper Spacers

Aluminum spacers for use with stock or stock design aftermarket calipers and thin rotors. Spacers keep the piston safely in the bore of the caliper. Choose from large GM style or midsized GM Metric caliper. Spacers are sold each and may need additional clearance depending on caliper used.

Part No.	Description
ALL42039	GM Metric, .100" Thick
ALL42040	GM Metric, .190" Thick
ALL42041	Big GM, .190" Thick



[ALL42040](#)

Wilwood Superlite Caliper Bracket [ALL42134](#)

Lightweight aluminum caliper bracket bolts together for easy installation to a 3" O.D. axle tube without removing the rear hub assembly. Specially designed to mount a Wilwood Superlite caliper with 3-1/2" bolt spacing to axle tube when using a 11-3/4" diameter brake rotor. Additional locking bolts install into axle tube to help prevent bracket from rotating.



Caliper Spacers

Aluminum spacer is designed to work with non-bridge bolt pads such as Wilwood Superlite, Hawk HB101 series, and Performance Friction 7751. Sold each.

Part No.	Description
ALL42042	0.119" Thick
ALL42043	0.190" Thick



Rear Disc Brake Kit [ALL42019](#)

Update and greatly improve braking power by converting standard drum brake rear ends to disc brakes. Universal rotor hat fits 5 on 4-1/2", 5 on 4-3/4" and 5 on 5" bolt patterns.

Caliper mounting brackets weld onto 3" axle tubes. Rotor hats will not work with some aftermarket axles. Axles with flanges larger than 5-3/4" must use cast aluminum rotor hats, ALL42128 or ALL42129.

Kit includes rotors (.810" x 11.75"), universal rotor hats, rotor bolt kits, caliper mounting bolts and caliper mounting brackets for GM intermediate metric-style calipers (ALL42083 and ALL42084).

Note: Kit Does Not Have Provisions for Parking Brake.



Superlite Caliper Bracket for Bolt-On Snouts [ALL42137](#)

For use with 8-bolt axle tubes and bolt on snouts where there is no room for a bracket to clamp on the tube. This bracket mates between the tube and the snout and has multiple holes for preference of caliper location.



Brake Line Deflectors

Deflectors mount on caliper or spindle on an open wheel car to protect brake lines and fittings from damage. Sold each.

Part No.	Description
ALL50250	LH Deflector
ALL50251	RH Deflector



[ALL50250](#)



[ALL50251](#)

Brake Calipers

Stock-style calipers are perfect replacements on most GM vehicles and will fit up to 1" wide rotor. Metric inlet thread is 10mm x 1.50 pitch. Big GM inlet thread is 7/16"-20.

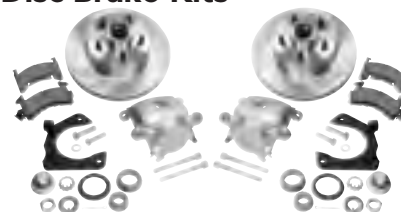
Part No.	Description
ALL42081	RH 1973-77 Big GM
ALL42082	LH 1973-77 Big GM
ALL42083	RH 1978-87 Metric GM
ALL42084	LH 1978-87 Metric GM

Note: We reference RH (right-hand) or LH (left-hand) based on the caliper being mounted behind the rotor, however, all calipers may be mounted on the front or backside of the rotor.



Mustang II Front Disc Brake Kits

Improve the stopping power and safety of cars equipped with Mustang II spindles. Kits include large 11" brake rotors in choice of bolt patterns, caliper mounting brackets, calipers, brake pads and installation hardware. Brake hose kits ALL42025 or ALL42032 will help complete the installation.



Part No.	Description
ALL42024	Disc Brake Kit Rotors with 1/2"-20 Wheel Studs 5 on 4.50" B.C.
ALL42029	Disc Brake Kit Rotors with 1/2"-20 Wheel Studs 5 on 4.75" B.C.
ALL42030	Disc Brake Kit Rotors with 5/8"-11 Studs 5 on 5" B.C. (Brake Pads Not Included)



BRAKE

Brake Hose Kits

Kit includes everything necessary to complete the connection between 3/16" steel brake line and the brake caliper for one axle. Kits include two brake line adapter fittings, steel weld-on tabs, retainer clips, banjo caliper fittings, banjo bolts, crush washers, and 15' #3 braided steel hoses.



Part No.	Description
ALL42025	GM Metric Kit with 10mm-1.50 Caliper Bolts
ALL42027	Big GM Kit with 7/16"-20 Caliper Bolts

Brake Duct Hose

Flexible, non-kink hose directs air from front ducts to spindle ducts. Available in 10-ft. lengths and three temperature ranges.

275°: 3" single-ply thermoplastic rubber wall with a spring steel wire support.

300°: 3" or 4" double-ply neoprene-coated woven fiberglass hose with spring steel inner and fiberglass external supports. Smooth inner wall for unrestricted flow.

550°: 3" or 4" double-ply silicon-coated fiberglass hose with spring steel inner and fiberglass external support. Smooth inner wall for unrestricted flow.



Part No.	Description
ALL42150	3"X10', 275°
ALL42151	3"X10', 300°
ALL42152	3"X10', 550°
ALL42154	4"X10', 300°
ALL42155	4"X10', 550°

Spindle Ducts



ALL42113 ALL42112 ALL42115 ALL42114 ALL42117 ALL42116

Aluminum 3" ducts fit most fabricated spindles. Available in dual inlet, light, or heavy-duty single inlet.

Part No.	Description
ALL42112	LH, Dual
ALL42113	RH, Dual
ALL42114	LH, Heavy Duty
ALL42115	RH, Heavy Duty
ALL42116	LH, Lightweight
ALL42117	RH, Lightweight

In-Line Duct Blowers



ALL13010

ALL13008

ALL13009

Many uses include cooling brake systems or assisting helmet cooling efforts. CFM ratings at 13.6 volts with a 3.5 amp draw.

Part No.	Description
ALL13010	3" Compact, 5" Long, 140 CFM
ALL13008	3" Heavy-Duty, 8" Long, 170 CFM
ALL13009	4" Heavy-Duty, 6" Long, 240 CFM

Plastic Brake Ducts

Ducts direct outside air to brakes, oil coolers and the driver. 3" O.D. with centered, offset, or dual outlets.



ALL42140

ALL42141

ALL42142

ALL42143

ALL42144

Part No.	Description
ALL42140	Centered, 5-1/2" x 8"
ALL42141	Offset, 5" x 9-3/4"
ALL42142	Double Hole, 5" x 9-3/4"
ALL42143	Single Hole, Clear, 6" x 10-3/4"
ALL42144	Double Hole, Clear, 9" x 11"

Brake Duct Hose Flange

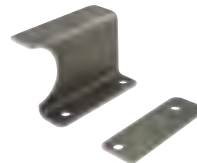
ALL42160

Flange rivets to nosepiece. 3" brake duct hose can then be hose clamped to flange.

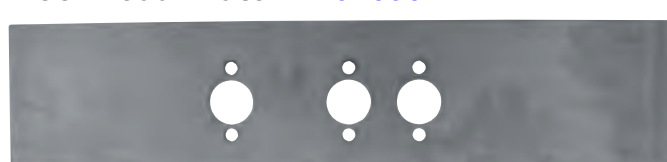


Hanging Brake Pedal Mount

ALL54060
Welds to chassis to mount Wilwood and Tilton-style hanging pedals. Notched to clear balance bar.



Floor Pedal Plate



Weld-in pedal plate is 23" x 5" x 1/8" and speeds up race car construction by providing the proper spacing for mounting pedal/master cylinder assemblies.

Pedal Extensions

Kits move floor-mounted pedals closer to the driver and eliminate the need for extra-long seat brackets used to move the driver forward. Now just leave the seat in the desired location and move the pedals closer to the driver.



Part No.	Description
ALL41050	2" Kit - Complete
ALL41051	4" Kit - Complete
ALL41052	2" Master Cylinder Kit Only
ALL41053	4" Master Cylinder Kit Only
ALL41054	2" Clutch Kit Only
ALL41055	4" Clutch Kit Only



ALL41050



BRAKE

Hanging Brake Pedal Assembly [ALL41014](#)

Universal brake pedal assembly includes everything to install a new hanging brake pedal and is ideal when relocating older style floor-mounted brake pedal with under-floor master cylinder to a more convenient firewall location. Firewall-mounted bracket is pre-drilled to accept Allstar power brake boosters or most manual brake master cylinders and includes a dash support bracket. Multiple pedal mounting holes allow arm to be positioned 5-7/8" to 11-7/8" from firewall mounting plate in 1-1/2" increments for desired pedal placement. Included 3/8"-24 clevis and threaded pushrod may be cut and re-threaded as needed depending on final pedal location.



Corvette Style Master Cylinders

Dual-reservoir master cylinders have 1" bores and outlet ports on both sides for easy plumbing and installation. Popular master cylinders are used with disc/disc and disc/drum manual or power brake applications. Slotted mounting holes on 3-1/4" centers work well with Allstar brake boosters



[ALL41060](#)

Part No.	Description
ALL41060	Cast Iron with 3/8" Ports
ALL41061	Aluminum with 3/8" Ports
ALL41062	Cast Iron with 1/2" and 9/16" Ports

Big Bore Master Cylinder [ALL41064](#)

Master cylinder with large 1-1/4" bore works well on vehicles that require increased volume for proper braking or as an option when experiencing excessive pedal travel with standard 1" bore Corvette-style master cylinders. Cast iron master cylinder features a deep-hole piston for use with manual or power brakes. Front brake port accepts 3/16" steel brake line with 3/8"-24 inverted flare nut. Rear brake port accepts 1/4" steel brake line with 1/2"-20 flare nut (using included adapter) or 9/16"-18 flare nut by removing adapter.



Master Cylinder Adapter Fittings [ALL41012](#)

Fittings adapt master cylinders or combination valves with 1/2"-20 and 9/16"-18 ports to accept 3/16" inverted flare brake line with standard 3/8"-24 fittings. Kit includes one of each fitting.



Pedal Rod Extensions

Steel extensions have 3/8"-24 threads and are often used to connect the brake pedal to the master cylinder or booster using a female rod end or a clevis.



Part No.	Description
ALL41027	4-3/4" Long Overall with 3" of Male Thread
ALL41028	9" Long Overall with 1" of Male Thread

Brake Pedal Clevis [ALL41026](#)

Clevis fastens to the brake pedal arm to accept a threaded rod extension or power brake booster pushrod. Clevis is threaded for a 3/8"-24 rod and has a 3/8" pin.



Master Cylinder Remote Reservoirs

High-impact plastic remote reservoirs simplify brake bleeding, especially when master cylinder is mounted low in the chassis. Available with single or dual outlet and may be connected to master cylinder with a 5/16" hose.



Part No.	Description
ALL42045	Single Outlet
ALL42046	Dual Outlet

Residual Check Valves

Residual check valves hold a small amount of pressure in the brake system to keep the brake system functioning properly while helping to maintain a firm pedal. Maintaining system pressure prevents fluid from returning to the master cylinder when the master cylinder is positioned lower than or close to the same height as the calipers or wheel cylinders. Proper system pressure also keeps piston and wheel cylinder seals expanded, creating a positive seal and brake pads seated against the rotor. Valves include two 3/16" inverted flare fittings.



Part No.	Description
ALL41048	2 lb. for Disc Brakes (Blue)
ALL41049	10 lb. for Drum Brakes (Red)

Brake Pressure Safety Switch [ALL76255](#)

Brake pressure switch is wired into the ignition system and kills power to ignition when a sudden spike in brake pressure is sensed such as in an accident or emergency. Switch has an adjustable cut-off pressure from 700-1900 PSI and resets automatically when brakes are released. A weatherproof cover protects the inner adjustment screw and seals the 18" long pigtail leads. 1/8"NPT male threads.



Brake Bias Adjuster with Reference Pointer [ALL42078](#)

Know exactly where brake adjustments are set—no more guessing the correct setting. When the adjusting knob is turned, the pointer moves along the reference scale. Adjuster body can be pivoted for easy viewing and multiple applications. Record where the pointer is located and use as baseline. Housing, internals, brackets, and knob with detent are all made of aluminum. Each includes a five-foot cable that can be cut to any length for a custom fit and has 3/8"-24 threads for most standard pedal assemblies.



Part No.	Description
ALL42074	Adjuster with Knob
ALL42078	Adjuster with Crank Handle
Replacement Parts	
ALL99116	Cable Assembly
ALL99117	Ball, Spring, and Set Screw



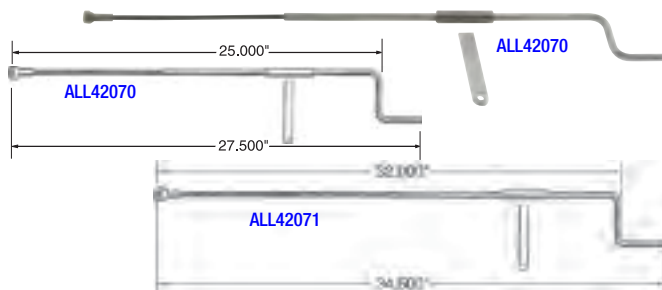
BRAKE

Brake Bias Adjusters

Adjust brake bias from the driver seat to compensate for changing track conditions. Adjusters mount to balance bars with 3/8"-24 threads. Two styles available: heavy-duty crank or cable with knob.



ALL42072



Part No.	Description
ALL42070	Short Heavy-Duty Steel Crank-Style Adjuster
ALL42071	Long Heavy-Duty Steel Crank-Style Adjuster
ALL42072	5-Ft. Long Cable-Style Adjuster
ALL99116	Replacement Cable Assembly

Electric Right Front Brake Shut-Off ALL48017

Disable right front brake with the flip of a switch. Commonly found on Dirt Modified and Late Models, electric shut-off helps turn the car on entry when track conditions are heavy/wet. Kit electronically disables the right front brake yet allows brake pressure to bleed-off from the right front brake caliper, unlike manual shut-off valves. Detailed installation instructions are included.



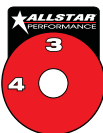
Brake Shut-Off Valve ALL48010

Valve has 1/8"NPT inlet and outlet and is rated at 2,000 PSI. Use Allstar ALL50120 fitting for 3/16" inverted flare brake line. Dimensions: 1/2" W x 1-3/4" L x 1-9/16" H.



RF Brake Shut-Off Valve Decal ALL48011

Decal has a 5/8" hole and is designed for use with the ALL48010 valve.



Brake Bias Gauge Panels

Gauges show actual front and rear line pressure for making brake bias changes before or during the race. Pre-assembled units have 0-1500psi liquid filled gauges with 1/8"NPT male fittings and bleeder valves to evacuate air from the gauges. 2-3/4" x 4-1/2" pre-drilled panels are offered in horizontal or vertical versions.

Part No.	Description
ALL80170	Vertical
ALL80172	Horizontal



Brake Bleeder Bottles

Contain the mess of bleeding brakes by capturing fluid in this 16-oz. bottle with a 15" long hose which attaches to most bleeder screws. The removable cap has a built-in fitting to secure the hose during storage to help prevent spills. Choose from a steel lanyard retainer that suspends the bottle from a chassis or suspension component, or a magnet retainer to secure the bottle to a steel object such as a brake drum or rotor during bleeding. ALL11017 has a magnet retainer and a built-in one-way check valve for one-person brake bleeding.



ALL11019 ALL11018 ALL11017

Part No.	Description
ALL11019	Bottle with Lanyard
ALL11018	Bottle with Magnet
ALL11017	Bottle with Magnet and Check Valve
ALL99435	Replacement Hose

Nitrile Gloves

Nitrile gloves protect against dirt and grime and help prevent oil and harsh chemicals from contacting the skin. Gloves are latex and powder-free to keep from irritating skin. General purpose gloves are great for light-duty uses that are not exposed to chemicals. Chemical-resistant gloves work well for general purpose as well as jobs that involve oil, fuel, brake fluid, and most cleaning chemicals such as brake and carb cleaners. Package of 100.

Part No.	Description
General Purpose (Blue)	
ALL12020	Medium
ALL12021	Large
ALL12022	X-Large
Chemical Resistant (Black)	
ALL12024	Medium
ALL12025	Large
ALL12026	X-Large
ALL12027	XX-Large



Shop Towels ALL12006

Blue shop towels are much heavier than standard paper towels and work great for numerous tasks around the shop or track. Rolls contain 60 individually perforated 11" x 9-1/2" disposable sheets.



Castrol SRF Brake Fluid ALL78115

Castrol SRF brake fluid has a wet boiling point of 518°F (270°C) which exceeds DOT 3 and 4 standards. Do not mix Castrol SRF and other brake fluids, as this will reduce the benefits of Castrol SRF. Sold in 1-liter containers (33.8 ozs.)



AP Radi-CAL R3 (AP PRF) Brake Fluid ALL78116

Developed for extreme, high-temperature racing conditions with a typical dry boiling point of 617°F and a wet boiling point of 383°F. Conforms to DOT 4 specifications. Sold in 16.9-oz. bottle.



See pages 76 Through 85 for brake fittings, hoses and lines



BRAKE

AP Radi-CAL R2 (Super 600) Hi-Temp Racing Brake Fluid ALL78108

Designed for extreme, high-temperature racing conditions with a dry boiling point of 594°F and a wet boiling point of 383°F. Conforms to DOT 4, specifications. Sold in 16.9-oz. bottle.



Motul 600 Brake Fluid ALL78117

100% synthetic brake fluid has an extremely high boiling point to help prevent vapor lock and brake fade during hard use. Motul 600 exceeds DOT 3 and DOT 4 specifications. Dry boiling point 594°F, wet boiling point 421°F. Sold in 16.9-oz. bottle.



Motul 660 Brake Fluid ALL78118

100% synthetic brake fluid is specifically designed to resist extreme temperature generated by racing carbon and ceramic brakes. Motul 660 exceeds DOT 3, DOT 4, and DOT 5.1 specifications. Dry boiling point 617°F, wet boiling point 401°F. Sold in 16.9-oz. bottle.



ANDY AND PHIL BOZELL

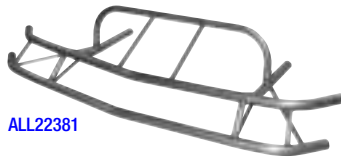
JIM DENHAMER

BUMPERS AND NOSES

Dirt Late Model 1-Piece Front Bumpers

Our Dirt Late Model replacement bumpers are jig welded to meet OE manufacture specifications, but these are not OE manufactured bumpers. Constructed of 1-1/2" x .065" wall mild steel tubing.

Part No.	Description
ALL22380	Rocket 2005-2016*
ALL22382	Rocket 2005-2015
ALL22379	XR1*†
ALL22381	Mastersbilt
ALL22383	Rayburn



ALL22381

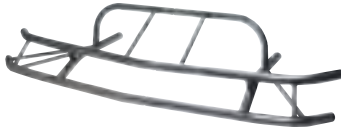
*Bumper has built-in rake for nose clearance.

†Will also fit 2005-2017 standard Rockets as well as XR1.

Dirt Late Model 2-Piece Front Bumpers

Our 2-piece Dirt Late Model replacement bumpers are jig welded to meet OE manufacturer specifications, but these are not OE manufactured bumpers. Constructed of 1-1/2" x .065" wall mild steel tubing.

Part No.	Description
ALL22394	Mastersbilt
ALL22393	Mastersbilt, Gen X
ALL22395	Rocket 2005-2015*†
ALL22396	Rocket 2005-2015*



ALL22394

*Bumper has built-in rake for nose clearance.

†Bumper has 2" added to left side.

Dirt Late Model Chrome Moly Bumpers

Our chrome moly Dirt Late Model replacement bumpers are jig welded to meet OE manufacturer specifications, but these are not OE manufactured bumpers. Lightweight 1-1/2" x .049" wall chrome moly front bumpers offer added strength and about a 25-30% (5-6lbs) weight savings compared to similar mild steel bumpers.

Part No.	Description
ALL22340	Rocket 2005-2016*
ALL22343	XR1*†



ALL22340

*Bumper has built-in rake for nose clearance.

†Will also fit 2005-2017 standard Rockets as well as XR1.

Dirt Late Model Rear Bumpers

Our Dirt Late Model replacement rear bumpers are jig welded to meet OE manufacturer specifications, but these are not OE manufactured bumpers. Constructed of mild steel tubing.

Part No.	Description
ALL22387	Mastersbilt
ALL22384	Mastersbilt, Gen X
ALL22388	Rocket, 36" CTC
ALL22389	Rocket, 34" CTC



ALL22384

Modified Universal Front Bumper ALL22375

Bumper has 5" x 5" plate-style mounts which measure 44" from outside to outside and can be modified to fit most chassis.



Modified 2-Piece Extended Length Front Bumper ALL22333

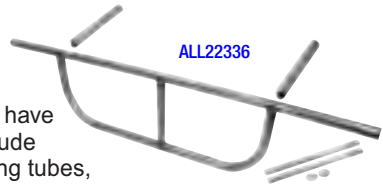
Extended length bumper features a 1-1/2" main tube with a 1-1/4" upper hoop that can be easily removed and reinstalled when fabricating a nose. Universal fit bumper extends out 21" from frame mounting brackets that are on 39" center, and weighs approximately 15 lbs.



Modified Rear Bumper Kits

Universal rear bumper kits have fully welded frames and include separate 1-1/4" O.D. mounting tubes, bumper supports, and end caps that require welding for a custom fit to a variety of chassis widths.

Part No.	Description
ALL22336	Wide Rear Bumper Kit with straight main tube is built from 1-1/4" O.D. x .065" wall mild steel tubing and measures 54" wide x 11-1/2" tall with a 34" wide fuel cell guard.
ALL22337	Narrow Rear Bumper Kit with bent main tube is built from 1-1/2" O.D. x .065" wall mild steel tubing and measures 43" wide x 12-1/2" tall with a 39" wide fuel cell guard.



ALL22336



BUMPERS AND NOSES

Aluminum ABC Template Front Bumper [ALL22350](#)

Lightweight front bumper is 56" wide and weighs less than 2-1/2" pounds! Constructed of 1-1/2" x .083" wall aluminum tubing and pre-bent to match the contours of the template noses.



ABC Template Front Bumper Kit [ALL22372](#)

Designed to fit the shape of the ABC style nosepieces, this un-welded bumper kit is universal, can be built to any width, and includes mounting sleeves that can be welded to the chassis. Bumper is constructed of 1-1/2" x .083" wall tubing and has an overall width of 58". Kit must be welded.



ABC Template Front Bumper [ALL22376](#)

Designed to fit ABC-style nosepieces, this fully welded front bumper is designed to fit most chassis with 35-1/2" center-to-center mounts. Bumper is constructed of 1-1/2" x .065" wall tubing and has an overall width of 48". Threaded inserts provide mounting points for a hood pin bar.



Asphalt Outlaw Front Bumper [ALL22326](#)

Designed to mount Camaro dirt-style nose (FIV145-410) to most asphalt late models with 34" outside frame dimensions, including: Howe, Finishline, and Lefthander chassis.



Universal Asphalt Outlaw Front Bumper [ALL22327](#)

Universal fit bumper has adjustable mounts to allow mounting of Camaro dirt-style nose (FIV145-410) or other nose pieces to most Asphalt Late Models, regardless of frame width. Mounts can be positioned as needed along main tube and then bolted or welded in place. Commonly used on outlaw Asphalt Late Model.

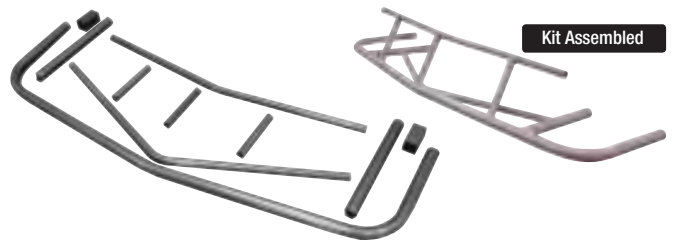


1981 Camaro Front Bumper Kit [ALL22320](#)

Universal bumper allows installation of most aftermarket 1981 Camaro nosepieces on any width chassis. Bumper is 1-3/4" x .095" wall mild steel tubing and includes 2" x 2" frame mounting slugs. Kit must be welded.



Mustang Front Bumper Kit [ALL22371](#)

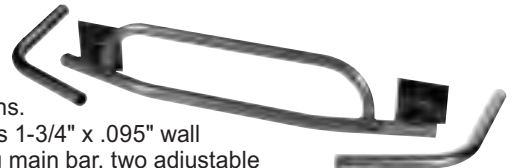


Kit Assembled

Universal bumper allows installation of aftermarket 1993 Mustang style nosepieces on any width chassis. Bumper is 1-3/4" x .095" wall mild steel tubing and includes 2" x 2" frame mounting slugs. Kit must be welded.

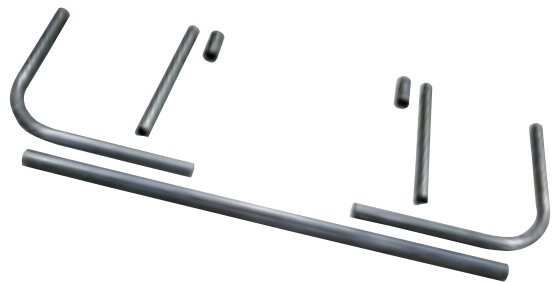
Universal Mini Stock Front Bumper

Universal bumper allows installation on a variety of mini stock applications. Bumper includes 1-3/4" x .095" wall mild steel tubing main bar, two adjustable length 1-1/2" x .083" corner pieces, and two 6"x6" frame mount plates.



Part No.	Description
ALL22328	Unwelded Kit
ALL22329	Welded Kit (corners unwelded)

Universal Rear Bumper Kit [ALL22373](#)



Designed to fit any chassis. Corner pieces are slid inside rear section and then welded or bolted to required width. Includes 1-3/4" x .095" wall rear tube, two adjustable length 1-1/2" x .083" corner pieces, two lengths of tubing (connects bumper to any width chassis) and two sleeves which weld directly to the chassis.



BUMPERS AND NOSES

Monte Carlo SS Nosepieces

Tough plastic 1983-88 style nosepieces are perfect for Factory Stock and Sportsman circle track cars.



Shown with decal kit (sold separately).

Color	Complete	LH Driver	RH Passenger
White	ALL23010	ALL23010L	ALL23010R
Black	ALL23011	ALL23011L	ALL23011R
Red	ALL23025	ALL23025L	ALL23025R
Yellow	ALL23026	ALL23026L	ALL23026R
Orange	ALL23027	ALL23027L	ALL23027R
Chevron Blue	ALL23028	ALL23028L	ALL23028R

MD3 Monte Carlo SS Nosepieces

Shown with decal kit (sold separately).



Tough plastic 1983-88 style nosepieces are perfect for Factory Stock and Sportsman circle track cars.

Color	Complete	LH Driver	RH Passenger
White	ALL23030	ALL23030L	ALL23030R
Black	ALL23031	ALL23031L	ALL23031R
Red	ALL23032	ALL23032L	ALL23032R
Yellow	ALL23033	ALL23033L	ALL23033R
Orange	ALL23034	ALL23034L	ALL23034R
Chevron Blue	ALL23035	ALL23035L	ALL23035R

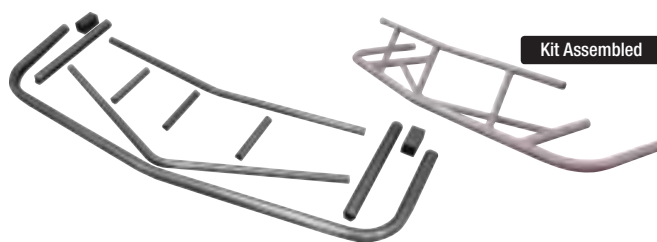
Monte Carlo SS Headlight Decal Kits



Decal kits add a realistic look to most aftermarket nosepieces to replicate the popular 1983-88 Monte Carlo SS. Decals fit standard and MD3-style nosepieces.

Part No.	Description
ALL23014	Nose Decal Kit with Stock Grille
ALL23038	Nose Decal Kit with Mesh Grille

Monte Carlo SS Front Bumper Kits



Kit Assembled

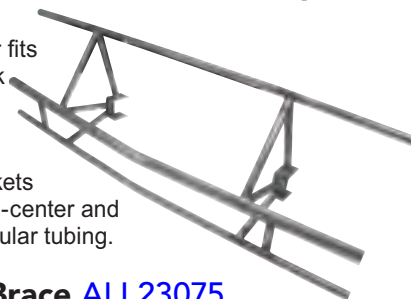
Universal bumper kit is adjustable to accommodate Monte Carlo nosepieces to any chassis. Kits are constructed of 1-3/4" x .095" wall tubing and require welding.

Part No.	Description
ALL22370	Standard Monte Carlo SS Kit
ALL22369	MD3 Monte Carlo SS Kit
ALL22366	Standard Monte Carlo SS Kit, 2-Piece*
ALL22367	Upper Support Kit for ALL22366 (1-1/4" x .083")

*Kit includes a 2-piece main tube for more convenient handling and lower shipping costs.

Monte Carlo SS Bolt-On Front Bumper [ALL22365](#)

Bolt-on style bumper fits most tubular and stock stubs. Bumper accepts standard Monte Carlo SS nosepieces. Frame mounting brackets measure 30" center-to-center and fit over 2" x 3" rectangular tubing.



Flexible Body Brace [ALL23075](#)



Flexible brace made from plastic extends up to 31" and may be cut to fit shorter applications. Commonly used to support lower quarter panel or nose sides. Aluminum brackets are adjustable to accommodate a variety of straight and angled applications.

Spoiler/Body Brace



Mount a spoiler or use as a support for lower quarter panel or nose. Can be shortened as needed. Sold each.

Part No.	Description
ALL23020	Steel, Natural, Adjusts 16" to 27"
ALL23021	Aluminum, Black, Adjusts 21" to 26"



PHIL O'CONNELL

MARCUS BERGLUND



BUMPERS AND NOSES

Monte Carlo SS Rear Bumper Covers



Tough plastic 1983-88 style rear bumper covers are perfect for Factory Stock and Sportsman circle track cars.

Color	Complete	LH Driver	RH Passenger
White	ALL23015	ALL23015L	ALL23015R
Black	ALL23016	ALL23016L	ALL23016R
Red	ALL23040	ALL23040L	ALL23040R
Yellow	ALL23041	ALL23041L	ALL23041R
Orange	ALL23042	ALL23042L	ALL23042R
Chevron Blue	ALL23043	ALL23043L	ALL23043R

Monte Carlo SS Tail Light Decal Kit

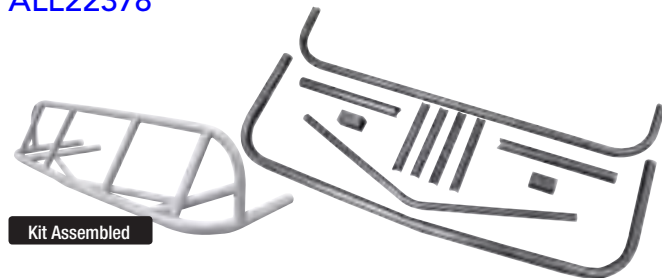
[ALL23017](#)

Decal kit adds a realistic look to most aftermarket rear bumper covers to replicate the popular 1983-88 Monte Carlo SS.



Monte Carlo SS Rear Bumper Kit

[ALL22378](#)



Kit includes pre-bent and notched 1-3/4" x .095" wall tubing to assemble a strong rear bumper that can be mounted to any width chassis and support the Allstar Performance and other aftermarket 1983-88 Monte Carlo SS rear bumper covers. Kit must be welded.

Radiator Shaker Screen [ALL30160](#)

Commonly used on Dirt Late Models, universal shaker screen is mounted in front of the radiator on most dirt cars. Unit includes black powder coated aluminum frame, screen, 1/2" x 32" cross rod, springs and retaining clips. Frame dimensions are 17" tall and 25" wide.



Camaro SS Short Track Nosepieces



Shown with decal kit (sold separately).

Designed specifically for short track use, in Stock Car, Sportsman, and similar classes. Noses feature minimal recessed pockets, flat lower valance, corrected width, and easier to mount fabricated fenders and hood.

Color	Complete	LH Driver	RH Passenger
White	ALL23045	ALL23045L	ALL23045R
Black	ALL23046	ALL23046L	ALL23046R
Red	ALL23047	ALL23047L	ALL23047R
Chevron Blue	ALL23048	ALL23048L	ALL23048R

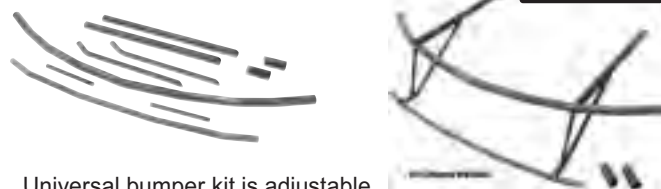
Camaro SS Decal Kit [ALL23044](#)



Decal kit adds a realistic look to most aftermarket nosepieces to replicate the popular Camaro SS short track nosepiece.

Camaro SS Bumper Kit [ALL22322](#)

Kit Assembled



Universal bumper kit is adjustable to accommodate Camaro SS nosepiece to any chassis. Kit is constructed of 1-3/4" x .095" wall tubing and requires welding.

Camaro SS Nose Support [ALL23058](#)

Plastic nose support is specifically designed to fit the underside curve of the Camaro SS nosepiece. Support fastens to the underside of the nosepiece to stiffen nose and allows it to be bolted directly to the bumper. Support fits LH or RH sides and is sold each.



MIKE SHEWCHUK

STEVE DATAMA



BUMPERS & NOSES

Sheet Plastic

Plastic material is 1/4" thick and useful for many projects including building custom nose supports or front splitters.



Part No.	Description
ALL22231	15" x 48"
ALL22232	30" x 48"

Lower Nose Support for MD3 Evolution ALL23064

Plastic nose support is specifically designed to fit the underside curve of the MD3 Evolution style Dirt Late Model nose piece. Support fastens to the underside of the nose piece and bolts directly to the bumper of most Dirt Late Models. Support is just under 3/8" thick and measures 39" L. x 7" W. Support fits LH or RH sides, weighs 3.3 lbs and is sold each.



Universal Lower Nose Supports

Plastic nose support fastens to the underside of the nose piece, allowing the nose piece to be bolted directly to the bumper of most dirt late models. Supports are 38" wide, fit LH or RH sides, and are sold each.



Part No.	Description
ALL23061	3/8" Thick x 8" Wide, 3.7 lbs
ALL23063	1/4" Thick x 6" Wide, 1.85 lbs

Nose Bolt Kits ALL18563

Kit provides a nice, smooth finished look on the top edge of nose panels when installing lower nose supports. Kit includes (10) 2-1/2" long 10 bolts, flat washers, and flanged nuts.



Modified Nose Supports

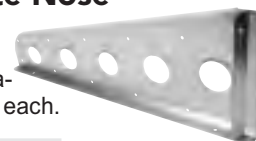
Spring steel support fits under the nose panel for structural support and eases mounting of nose valances.



Part No.	Description
ALL23073	Plain
ALL23074	Black

Nose Support for Template Nose

Lightweight aluminum nose support features punch/flare holes and pre-drilled mounting holes for easy installation to the nose and the chassis. Sold each.



Part No.	Description
ALL23066	LH Support
ALL23067	RH Support

Related Part

ALL23020	Adjustable Steel Brace (16" to 27")
ALL23021	Adjustable Aluminum Brace (21" to 26")

Bumper Hookup Kit ALL22315

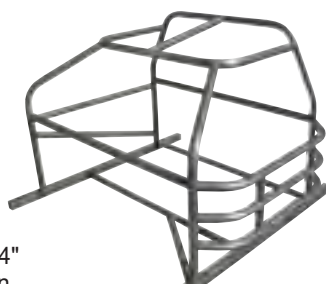
Cable kit mounts through the nose and around the bumper for easy wrecker hook-ups. Kit should be mandatory at every race track. Kit includes 3 ft. of coated cable and two clamps.



CHASSIS

Roll Cage Kits for Dodge Neon and Ford Focus

Cage kits are designed with safety in mind for mini enduro and four-cylinder classes. These cages are built specifically for Dodge Neon and Ford Focus cars. Kits are constructed of .095" wall x 1-3/4" mild steel tubing and include a main hoop, halo, windshield posts, front and rear dash bars, three door bars for the left side, and a Z-bar for the right side. Kits also include the components to build a sturdy foundation for installing the main cage, similar to the ALL22650. Welding required.



Kit Shown Assembled

Part No.	Description
ALL22097	Dodge Neon
ALL22098	Ford Focus

Mini Stock Roll Cage Kit for Ford Escort ALL22104

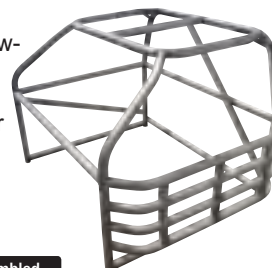
Designed with safety in mind for mini enduro and four-cylinder classes. Universal design is built for two- or four-door 1991-2002 Ford Escort bodies. Kit is constructed of .095" wall 1-3/4" mild steel tubing and includes a main hoop, halo, windshield posts, front and rear dash bars, three door bars for the left side, and a Z-bar for the right side. Also included are two lengths of 1-3/4" tubing to weld to the factory pinch welds and two lengths of 1-1/2" tubing to connect the two sides, creating a solid foundation for the cage and seat mount.



Kit Shown Assembled

Deluxe Roll Cage Kits

Kits include all pieces to assemble a Deluxe Roll Cage. Main hoop is fitted and tack welded together allowing for changes or custom seat mounts. Curved windshield posts fit closer to windshield pillar to increase driver visibility. Halo is curved and gusseted into the main hoop for maximum width, driver clearance, and support. Mild 1-3/4" x .095" wall steel tubing is notched and has uniform bends. Other features include four curved and one straight driver's side door bars, "Z" type right side door bars, additional lower cross bar added to main hoop for added side support and assist in seat mounting, and a center halo support.



Kit Shown Assembled

Part No.	Description
ALL22100	'78-88 GM Metric Chassis (Monte Carlo, Regal, Etc.) '70-81 Camaro/Firebird
ALL22102	'70-77 Monte Carlo, Chevelle, Malibu, Etc.
ALL22105	'77-90 Caprice/Impala
ALL22106	'79-93 Mini Stock Mustang



Offset Deluxe Roll Cage Kit

Ideal for use with template-style or ABC bodies. Perimeter frame-mount roll cage has the same features as other Allstar deluxe kits but includes an offset main hoop and a narrow halo for cars with an offset body or narrow roof.



Kit Shown Assembled

Part No.	Description
ALL22109	Offset Kit 54" Wide Frame
ALL22099	Offset Kit 57" Wide Frame

Standard Roll Cage Kits

Kits include all pieces to assemble a standard cage. Mild steel tubing is 1-3/4" x .095" wall, is notched and has uniform bends. Four driver's side curved door bars, "Z" type right-side door bar, and gussets are included.



Kit Shown Assembled

Part No.	Description
ALL22101	'78-88 GM Metric Chassis (Monte Carlo, Regal, Etc.)
	'70-81 Camaro/Firebird
ALL22103	'70-77 Monte Carlo, Chevelle, Malibu, Etc.
ALL22107	Mini Stock Universal

Door Bar Clamp ALL14198

Clamp fastens around a 1-1/2" door bar, allowing a steel door plate to be mounted to the outside of the door bar area. Clamp eliminates the need to weld mounting tabs or door plate directly to a finished chassis. Sold each and includes 1/2" mounting hardware.



Steel Plate

Steel plate is useful for many building projects or fabricating brackets. 10-gauge (1/8" thick) 1011 mild steel plate is ideal for adding a protective cover to the driver's side floor or door bar area of circle track cars.



Part No.	Description
ALL54070	18" x 26"
ALL54071	24" x 24"
ALL54072	24" x 36"

Door Plate ALL22118

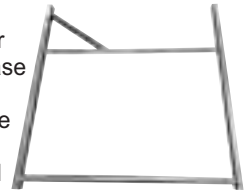
Plates can be welded between the driver's side door bars. May also be used to box "C"-type frame rails to add support and strength at critical roll cage mounting points. Plate is 48" x 4" x 1/8" thick and mandated by most sanctioning bodies and tracks.



CHASSIS

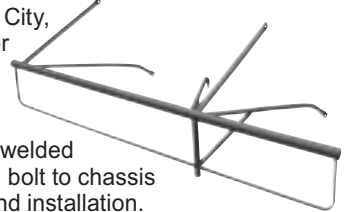
Mini Stock Roll Cage Installation Kit ALL22650

Universal installation kit for mini stock or front-wheel-drive cars provides a solid base or foundation to mount a roll cage. Kit includes two 60" long 2" x 2" square outside rails, two 54" long 1-3/4" round support tubes for securely mounting the cage and an additional foot area support.



Right Hand Jack Post Kit ALL22111

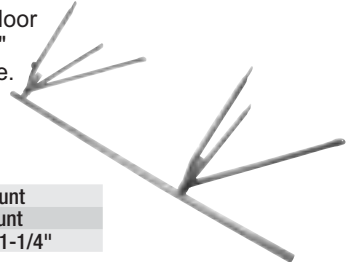
Bolt-on kit fits most Howe, Port City, Lefthander, Finish Line, and other offset chassis requiring a jack post to raise vehicle. Includes an assembled bar loop with lift post and pre-cut mounting bars to be welded in place. The mounting bars then bolt to chassis tabs (not included) for removal and installation.



Door Bar Components for Rocket Dirt Late Models

ALL22390/22391 three-point door bar mounts are constructed of 1" steel tubing and bolt to the frame. Each mount has a pre-welded sleeve sized to accept posts of the ALL22392 steel door bar.

Part No.	Description
ALL22390	Front Door Bar Mount
ALL22391	Rear Door Bar Mount
ALL22392	Right Door Bar, 5' L x 1-1/4"



Curved Door Bar ALL22114

Curved door bar is constructed of 1-3/4" O.D. x .095" wall mild steel tubing and is the same door bar included in Allstar's Standard and Deluxe roll cage kits. Bar is notched to fit between two vertical posts spaced 43" on center and adds approximately 6" to the width of the cage.



Door Bar Spacers

Spacers fit between two door bars for added support and to equally space door bars apart. Constructed of 1-3/4" O.D. x .095" wall mild steel tubing.

Part No.	Description
ALL22115	4" Spacer, spaces door bars 3" apart. (These bars are included in Allstar Standard and Economy Roll Cage Kits)
ALL22116	5" Spacer, spaces door bars 4" apart. (These bars are included in Allstar Mini Enduro Kits)



Steering Column Brackets

Stamped-steel brackets weld to dash bars to create a mounting point for steering shaft when using a 3/4" oversized rod end. Brackets are 3-1/8" wide and available in a variety of lengths to fit most applications. 4" and longer brackets are pre-notched for 1-1/2" dash bars but are easily modified to fit other size bars.

Part No.	Description
ALL52120	2-1/2" Long
ALL52122	4" Long
ALL52124	8" Long
ALL52126	10" Long





CHASSIS

Steering Shaft Rod End Mounting Tab [ALL52132](#)

Gusseted weld-on tab provides an excellent mounting point for the 3/4" oversized rod end (ALL52132) when building custom steering shaft assemblies. Tab is designed to cradle into round chassis tubing with built-in gussets, adding strength and reducing flex.

Part No.	Description
Related Item ALL52132	Oversized 3/4" Rod End Kit



Steering Quickener Bracket [ALL60028](#)

Mounts all popular steering quickeners including AFCO, Coleman, Howe, and others. Bracket has two holes, spaced 1-3/4" apart, and may be welded to 1-1/2" or 1-3/4" diameter tubing.



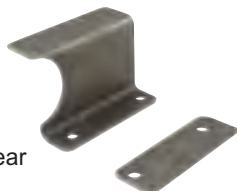
Floor Pedal Plate [ALL54050](#)

Weld-in pedal plate is 23" x 5" x 1/8" and speeds up race car construction by providing the proper spacing for mounting pedal/master cylinder assemblies.



Hanging Brake Pedal Mount [ALL54060](#)

Welds to chassis to mount Wilwood and Tilton style hanging pedals. Notched to clear balance bar.



Universal Seat Mount Kit [ALL22110](#)

1-1/2" diameter x .095" wall mild steel tubing attaches to roll cage, to safely and effectively mount a seat. Use with Allstar roll cage kits. Kit is sold unassembled and requires welding.



Lower Seat Mount [ALL60070](#)

Mount attaches through floor pan to a bar or plate attached to the left frame rail or roll cage for seat and anti-sub belt mounting. Mount is 2-3/4" tall and seat tabs are welded at a 15° angle to the floor mounts.



Seat Mount Brackets

Made from 1/8" thick mild steel. Upper bracket is angled to fit against the back of most aluminum racing seats. Two-piece design allows front-to-back and side-to-side adjustment. Upper mount brackets may be bolted or welded. Lower mount welds to 1-1/2" or 1-3/4" tubing.

Part No.	Description
ALL60032	Upper, 2-Piece
ALL60033	Lower



Double-Shear Seat Belt Tab [ALL60031](#)

Bracket welds to chassis for solid seat belt mount to the chassis, yet still able to pivot. Double-shear design provides twice the strength of a single tab-style mount. Steel bracket accepts 1/2" hardware.



Narrow Front Arch Support [ALL22645](#)

Arch supports replace the front arches found on many asphalt late models and modifieds or when fabricating a new chassis. Narrow triangular design arches are constructed of 1-3/4" x .095" wall, D.O.M. steel tubing, are 30" wide at the mounting points and 17" tall, but may be trimmed to fit many applications. Sold as a pair*

*LH support features a small kick out for added header clearance.



Front Arch Support [ALL22119](#)

Arch supports are required when installing Allstar front support kits. They add strength to the suspension mounting area and create mounting points for shock brackets. Arches are constructed of 1-3/4" x .095" wall mild steel tubing, 24" wide at the mounting points and 16" tall but may be trimmed to fit many applications. Sold each.



Universal Front Hoop [ALL22108](#)

Front support kit adds strength to the front section of race car by reducing excessive flex. Pre-cut and notched pieces of 1-3/4" x .095" wall mild steel tubing fasten to the existing roll cage and extend to the front of the chassis to strengthen vulnerable steering and radiator areas. Lower radiator mounting brackets are included. Kit requires the addition of two front arch supports (ALL22119) sold separately to complete installation. Some modifications may be required for installation.



Universal Mini Stock Front Hoops

Universal front hoops come in 3 widths to fit a variety of mini stock chassis. Mild steel tubing is 1-1/2" x .083".

Part No.	Outside Width	Car Type
ALL22652	40-1/2"	Mid-Size
ALL22653	46-1/2"	Neon
ALL22654	51-1/4"	Big



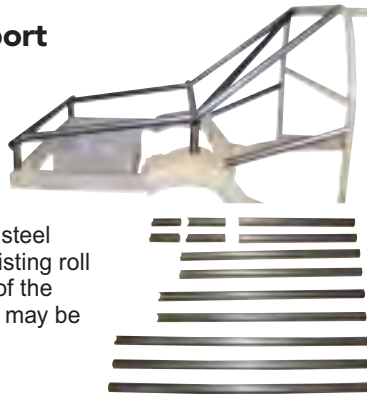


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Universal Rear Support

ALL22112

Rear support adds strength to the rear section of race car by reducing excessive flex. Kit includes pre-cut and notched pieces of 1-3/4" x .095" wall mild steel tubing which fasten to the existing roll cage and extend to the rear of the chassis. Some modifications may be required for installation.



Fuel Cell Guard

ALL22374

Guard adds protection to the fuel cell and acts as a lifting point for rear of vehicle. Universal kit is constructed of 1-3/4", .095" wall, mild steel tubing. Parts are pre-cut and notched, ready to be welded together. Height is 8-3/4" and mounting width is 42".



Frame Repair Plate for Metric Chassis

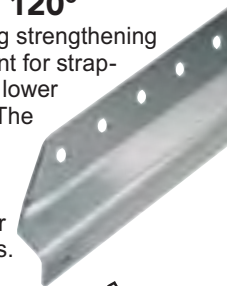
ALL60085

1/8" steel rear frame plate fits 1978-88 GM metric cars. Plate is cut to fit stock frames and measures 4-1/4" x 27".



Reinforced Aluminum Angle, 120°

Aluminum angle has many uses including strengthening body panels and providing a mounting point for strapping or body braces, typically used on the lower section of rear quarter panels and doors. The reinforced design adds additional strength over standard 120° angle with an extra bend which also allows easier access to body brace bolts. Angle allows supports or braces to angle upward toward the chassis. Angle is 1/8" thick x 1-1/2" wide and has predrilled 1/4" holes on 1" centers.



Part No.	Description
ALL23140	26" Long
ALL23140-5	26" Long, 5-Pack
ALL23141	30" Long
ALL23141-5	30" Long, 5-Pack
ALL23142	66" Long
ALL23142-5	66" Long, 5-Pack

120°
End View

Aluminum Angle, 120°

Aluminum angle has many uses including strengthening body panels and providing a mounting point for strapping or body braces, typically used on the lower section of rear quarter panels. 120° angle allows supports or braces to angle upward toward the chassis. Angle is 1/8" thick x 1" wide and has pre-drilled 1/4" holes on 1" centers.



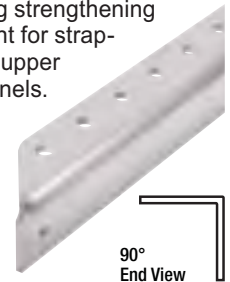
Part No.	Description
ALL23130	26" Long
ALL23130-5	26" Long, 5-Pack
ALL23131	30" Long
ALL23131-5	30" Long, 5-Pack
ALL23132	66" Long
ALL23132-5	66" Long, 5-Pack

120°
End View

Aluminum Angle, 90°

Aluminum angle has many uses including strengthening body panels and providing a mounting point for strapping or body braces, typically used on the upper section of rear quarter panels and door panels. 90° angle allows supports or braces to fasten directly to the chassis. Angle is 1/8" thick x 1" wide and has pre-drilled 1/4" holes on 1" centers.

Part No.	Description
ALL23134	26" Long
ALL23134-5	26" Long, 5-Pack
ALL23135	30" Long
ALL23135-5	30" Long, 5-Pack
ALL23138	66" Long
ALL23138-5	66" Long, 5-Pack

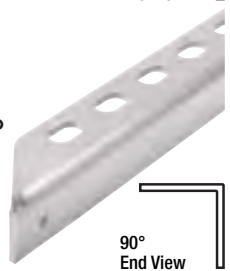


90°
End View

Slotted Aluminum Angle, 90°

ALL23124

Slotted aluminum angle brace connects and strengthens body panels. Brace is 1/8" thick x 1"W x 72"L with 3/8" x 5/8" slots. Ideal for use along tops of spoilers.



90°
End View

**12 FT. AND LONGER LENGTHS
FOR LOCAL PICKUP ONLY!**

Aluminum Flat Stock

6063-T5 aluminum flat stock is ideal for fabricating mounting brackets, etc.

Description	4' Length	8' Length	12' Length	16' Length
Flat Stock 1" Wide				
1/8" Thick	ALL22250-4	ALL22250-8	ALL22250-12	ALL22250-16
3/16" Thick	ALL22251-4	ALL22251-8	ALL22251-12	ALL22251-16

Aluminum Angled Stock

1" x 1" 6063-T5 aluminum stock is ideal for fabricating mounting brackets, etc.

Description	4' Length	8' Length	16' Length
1" x 1" x 1/16" Thick	ALL22253-4	ALL22253-8	ALL22253-16
1" x 1" x 1/8" Thick	ALL22254-4	ALL22254-8	ALL22254-16
1" x 1" x 3/16" Thick	ALL22255-4	ALL22255-8	ALL22255-16

Aluminum Square and Rectangular Tubing

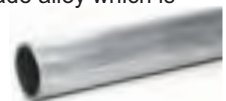
Tubing is 6063-T5 grade alloy with .125" wall thickness. Ideal for fabricating rub rails or building shop, trailer or pit equipment like ladders, pit carts, and tire racks.

Description	4' Length	8' Length	12' Length	20' Length
Square				
3/4" x 3/4"	ALL22256-4	ALL22256-8	ALL22256-12	ALL22256-20
1" x 1"	ALL22257-4	ALL22257-8	ALL22257-12	ALL22257-20
Rectangular				
1" x 2"	ALL22258-4	ALL22258-8	ALL22258-12	—

Aluminum Round Tubing

Round 1-1/2" x .083" tubing is 6061-T6 grade alloy which is ideal for building bumpers.

Part No.	Description
ALL22085-4	4' Length
ALL22085-8	8' Length
ALL22085-12	12' Length





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Steel Flat Stock

Steel flat stock is ideal for building projects around the shop or creating supports when needed. Standard grade steel has excellent welding characteristics and is easily cut and shaped.

Description	4' Length	8' Length	12' Length
1" x 1/8"	ALL22150-4	ALL22150-8	ALL22150-12
1" x 3/16"	ALL22151-4	ALL22151-8	ALL22151-12
1-1/2" x 1/8"	ALL22152-4	ALL22152-8	ALL22152-12
2" x 1/8"	ALL22154-4	ALL22154-8	ALL22154-12
2" x 3/16"	ALL22155-4	ALL22155-8	ALL22155-12

Steel Angled Stock

Steel angled stock is ideal for building projects around the shop or creating supports when needed. Standard-grade steel has excellent welding characteristics and is easily cut and shaped.

Description	4' Length	8' Length	12' Length
1" x 1" x 1/8"	ALL22156-4	ALL22156-8	ALL22156-12
1-1/2" x 1-1/2" x 1/8"	ALL22157-4	ALL22157-8	ALL22157-12
2" x 2" x 1/8"	ALL22158-4	ALL22158-8	ALL22158-12

Mild Steel Tubing

Sold only in pre-cut lengths (4, 8, 12, or 20 ft.). Always check wall thickness tolerance before cutting or welding, especially if the car is to be certified. Tubing wall thickness will vary.

Round Mild Steel Tubing

Description	4' Length	8' Length	12' Length	20' Length
3/8" x .065"	ALL22117-4	ALL22117-8	ALL22117-12	—
1/2" x .065"	ALL22120-4	ALL22120-8	ALL22120-12	ALL22120-20
3/4" x .065"	ALL22124-4	ALL22124-8	ALL22124-12	ALL22124-20
1" x .065"	ALL22128-4	ALL22128-8	ALL22128-12	ALL22128-20
1" x .083"	ALL22129-4	ALL22129-8	ALL22129-12	ALL22129-20
1-1/4" x .083"	ALL22132-4	ALL22132-8	ALL22132-12	ALL22132-20
1-1/4" x .120"	ALL22134-4	ALL22134-8	ALL22134-12	ALL22134-20
1-1/2" x .065"	ALL22136-4	ALL22136-8	ALL22136-12	ALL22136-20
1-1/2" x .083"	ALL22130-4	ALL22130-8	ALL22130-12	ALL22130-20
1-1/2" x .095"	ALL22138-4	ALL22138-8	ALL22138-12	ALL22138-20
1-1/2" x .120"	ALL22137-4	ALL22137-8	ALL22137-12	ALL22137-20
1-5/8" x .120"	ALL22139-4	ALL22139-8	ALL22139-12	ALL22139-20
1-5/8" x .134"	—	ALL22141-8	ALL22141-12	—
1-3/4" x .065"	ALL22144-4	ALL22144-8	ALL22144-12	ALL22144-20
1-3/4" x .095"	ALL22146-4	ALL22146-8	ALL22146-12	ALL22146-20
1-3/4" x .134"	—	ALL22148-8	ALL22148-12	—

Round D.O.M. Mild Steel Tubing

Description	4' Length	8' Length	12' Length	17" or 20' Length
1" x .120"	ALL22127-4	ALL22127-8	ALL22127-12	ALL22127-(17 or 20)†
1-1/2" x .083"	ALL22133-4	ALL22133-8	ALL22133-12	ALL22133-(17 or 20)†
1-1/2" x .095"	ALL22135-4	ALL22135-8	ALL22135-12	ALL22135-(17 or 20)†
1-5/8" x .120"	ALL22140-4	ALL22140-8	ALL22140-12	ALL22140-(17 or 20)†
1-3/4" x .095"	ALL22145-4	ALL22145-8	ALL22145-12	ALL22145-(17 or 20)†
1-3/4" x .120"	ALL22147-4	ALL22147-8	ALL22147-12	ALL22147-(17 or 20)†

*Tubing is drawn over mandrel (D.O.M.) and has tighter wall thickness tolerance.
†Length is determined by mill run. Call for availability.

Square Mild Steel Tubing

Description	4' Length	8' Length	12' Length	20' Length
1/2" x .065"	ALL22160-4	ALL22160-8	ALL22160-12	ALL22160-20
3/4" x .049"	ALL22163-4	ALL22163-8	ALL22163-12	—
3/4" x .065"	ALL22164-4	ALL22164-8	ALL22164-12	ALL22164-20
1" x .083"	ALL22169-4	ALL22169-8	ALL22169-12	ALL22169-20
1-1/2" x .083"	ALL22175-4	ALL22175-8	ALL22175-12	ALL22175-20
2" x .083"	ALL22182-4	ALL22182-8	ALL22182-12	ALL22182-20

Rectangular Mild Steel Tubing (1018)

Description	4' Length	8' Length	12' Length	20' Length
1" x 2" x .120"	ALL22183-4	ALL22183-8	ALL22183-12	ALL22183-20
2" x 3" x .083"	ALL22184-4	ALL22184-8	ALL22184-12	ALL22184-20

Round Chrome Moly Steel Tubing (4130N)

Sold only in pre-cut lengths (4, 8, 12 ft., etc.).

Always check wall thickness tolerance before cutting or welding, especially if the car is to be certified. Tubing wall thickness will vary.

Description	4' Length	8' Length	12' Length	17', 19' or 20' Length
1/4" x .035"	ALL22000-4	ALL22000-8	ALL22000-12	ALL22000-(17, 19 or 20)†
3/8" x .058"	ALL22005-4	ALL22005-8	ALL22005-12	ALL22005-(17, 19 or 20)†
1/2" x .049"	ALL22010-4	ALL22010-8	ALL22010-12	ALL22010-(17, 19 or 20)†
1/2" x .058"	ALL22012-4	ALL22012-8	ALL22012-12	ALL22012-(17, 19 or 20)†
5/8" x .049"	ALL22015-4	ALL22015-8	ALL22015-12	ALL22015-(17, 19 or 20)†
5/8" x .058"	ALL22017-4	ALL22017-8	ALL22017-12	ALL22017-(17, 19 or 20)†
3/4" x .049"	ALL22020-4	ALL22020-8	ALL22020-12	ALL22020-(17, 19 or 20)†
3/4" x .058"	ALL22022-4	ALL22022-8	ALL22022-12	ALL22022-(17, 19 or 20)†
3/4" x .095"	ALL22024-4	ALL22024-8	ALL22024-12	ALL22024-(17, 19 or 20)†
3/4" x .120"	ALL22026-4	ALL22026-8	ALL22026-12	ALL22026-(17, 19 or 20)†
7/8" x .058"	ALL22030-4	ALL22030-8	ALL22030-12	ALL22030-(17, 19 or 20)†
7/8" x .095"	ALL22032-4	ALL22032-8	ALL22032-12	ALL22032-(17, 19 or 20)†
1" x .049"	ALL22040-4	ALL22040-8	ALL22040-12	ALL22040-(17, 19 or 20)†
1" x .058"	ALL22042-4	ALL22042-8	ALL22042-12	ALL22042-(17, 19 or 20)†
1" x .065"	ALL22044-4	ALL22044-8	ALL22044-12	ALL22044-(17, 19 or 20)†
1" x .083"	ALL22045-4	ALL22045-8	ALL22045-12	ALL22045-(17, 19 or 20)†
1" x .095"	ALL22046-4	ALL22046-8	ALL22046-12	ALL22046-(17, 19 or 20)†
1-1/8" x .058"	ALL22050-4	ALL22050-8	ALL22050-12	ALL22050-(17, 19 or 20)†
1-1/8" x .083"	ALL22054-4	ALL22054-8	ALL22054-12	ALL22054-(17, 19 or 20)†
1-1/4" x .058"	ALL22060-4	ALL22060-8	ALL22060-12	ALL22060-(17, 19 or 20)†
1-1/4" x .065"	ALL22062-4	ALL22062-8	ALL22062-12	ALL22062-(17, 19 or 20)†
1-1/4" x .083"	ALL22061-4	ALL22061-8	ALL22061-12	ALL22061-(17, 19 or 20)†
1-1/4" x .095"	ALL22063-4	ALL22063-8	ALL22063-12	ALL22063-(17, 19 or 20)†
1-1/4" x .120"	ALL22064-4	ALL22064-8	ALL22064-12	ALL22064-(17, 19 or 20)†
1-3/8" x .058"	ALL22070-4	ALL22070-8	ALL22070-12	ALL22070-(17, 19 or 20)†
1-3/8" x .095"	ALL22072-4	ALL22072-8	ALL22072-12	ALL22072-(17, 19 or 20)†
1-1/2" x .049"	ALL22079-4	ALL22079-8	ALL22079-12	ALL22079-(17, 19 or 20)†
1-1/2" x .058"	ALL22080-4	ALL22080-8	ALL22080-12	ALL22080-(17, 19 or 20)†
1-1/2" x .065"	ALL22082-4	ALL22082-8	ALL22082-12	ALL22082-(17, 19 or 20)†
1-1/2" x .083"	ALL22084-4	ALL22084-8	ALL22084-12	ALL22084-(17, 19 or 20)†
1-1/2" x .095"	ALL22086-4	ALL22086-8	ALL22086-12	ALL22086-(17, 19 or 20)†
1-5/8" x .083"	ALL22090-4	ALL22090-8	ALL22090-12	ALL22090-(17, 19 or 20)†
1-3/4" x .083"	ALL22093-4	ALL22093-8	ALL22093-12	ALL22093-(17, 19 or 20)†

†Length is determined by mill run. Please call for availability.

**12 FT. AND LONGER LENGTHS
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Threaded Tubing Ends

Chrome moly 4130 steel tubing ends are ideal for building custom length suspension tubes. Available in RH and LH threads.



Thread Size	Tubing Size	Tube End Insert O.D.	RH Part No.	LH Part No.	Thread Size	Tubing Size	Tube End Insert O.D.	RH Part No.	LH Part No.
10-32	3/8" x .058"	.259"	ALL22500	—	5/8"-18	1" x .058"	.884"	ALL22534	ALL22535
5/16"-24	1/2" x .058"	.384"	ALL22504	—	5/8"-18	1" x .095"	.810"	ALL22538	ALL22539
3/8"-24	5/8" x .058"	.509"	ALL22508	ALL22509	5/8"-18	1-1/4" x .095"	1.060"	ALL22542	ALL22543†
3/8"-24	3/4" x .058"	.634"	ALL22512	ALL22513	5/8"-18	1-1/4" x .120"	1.010"	ALL22546	ALL22547†
1/2"-20	7/8" x .058"	.759"	ALL22518	ALL22519	3/4"-16	1-1/4" x .065"	1.120"	ALL22548	ALL22549†
1/2"-20	1" x .058"	.884"	ALL22522	ALL22523	3/4"-16	1-1/4" x .095"	1.060"	ALL22550	ALL22551†
1/2"-20	1" x .065"	.870"	ALL22526	ALL22527	3/4"-16	1-1/4" x .120"	1.010"	ALL22554	ALL22555†
1/2"-20	1-1/8" x .058"	1.00"	ALL22530	ALL22531	3/4"-16	1-3/8" x .095"	1.185"	ALL22558	ALL22559†

†Tube end has built-in hex for adjusting.

Flat Tabs

Mild steel flat tabs have a straight edge and can be welded to round tubing, square tubing, or flat plate.

Part No.	Description	Quantity Per Pack	Thickness	Overall Height	Center Of Hole Height	Hole Diameter
ALL60004	1/8" Tab, 5/8" Hole	4	1/8"	2-5/16"	1-11/16"	5/8"
ALL60005	1/8" Tab, 1/2" Hole	4	1/8"	1-7/8"	1-5/16"	1/2"
ALL60006	3/16" Tab, 1/2" Hole	4	3/16"	1-7/8"	1-5/16"	1/2"
ALL60007	1/4" Tab, 3/8" Hole	4	1/4"	2"	1-3/8"	3/8"
ALL60008	1/4" Tab, 1/2" Hole	4	1/4"	2"	1-3/8"	1/2"
ALL60009	1/8" Tab, 1/4" Hole	4	1/8"	1-5/8"	1-1/4"	1/4"
ALL60012	1/8" Tab, 1/4" Hole	4	1/8"	1-7/16"	7/8"	1/4"
ALL60013	1/8" Tab, 3/8" Hole	4	1/8"	1-7/16"	7/8"	3/8"
ALL60018	3/16" Seat Tab	4	3/16"	1-1/2"	7/8"	1/2"
ALL60019	1/4" Seat Tab	4	1/4"	1-1/2"	7/8"	1/2"
ALL60020	Window Frame Tab	10	1/16"	1"	3/4"	3/16"
ALL60021	Window Frame Tab	10	1/16"	3/4"	1/2"	3/16"
ALL60022	Bumper Tab	4	1/8"	1-1/4"	15/16"	1/4"
ALL60076	Chassis Tab	4	1/8"	1-3/4"	1-3/16"	3/8"
ALL60030	Mounting Tab	4	.100"	1-1/4"	3/4"	5/8"
ALL60090	Mounting Tab	4	.100"	1-1/4"	3/4"	3/8"
ALL60091	Mounting Tab	4	.100"	1-1/4"	3/4"	7/16"
ALL60092	Mounting Tab	4	.100"	1-1/4"	3/4"	9/16"



Radius Tabs

Mild steel radius tabs have a contoured edge to fit various sizes of round tubing.

Part No.	Description	Quantity Per Pack	Thickness	Overall Height	Center Of Hole Height	Hole Diameter
ALL60000	3/16" Tab, No Hole	4	3/16"	2-3/8"	—	—
ALL60001	3/16" Tab, 3/8" Hole	4	3/16"	2-3/8"	1-3/4"	3/8"
ALL60002	3/16" Tab, 1/2" Hole	4	3/16"	2-3/8"	1-3/4"	1/2"
ALL60003	1/8" Tab, 1/4" Hole	4	1/8"	2"	15/16"	1/4"
ALL60010	1/8" Tab, 1/4" Hole	4	1/8"	1-1/8"	9/16"	1/4"
ALL60011	1/8" Tab, 3/8" Hole	4	1/8"	1-1/8"	9/16"	3/8"



Body Brace Tabs

Mild steel tabs have built-in gussets for added support. Choose tabs that mount parallel or perpendicular to tubing. Package of 4.

Part No.	Description	Thickness	Overall Height	Center Of Hole Height	Hole Diameter
ALL60014	Round Tube, 1/4" Hole	1/8"	1-1/2"	1"	1/4"
ALL60015	Round Tube, Slotted	1/8"	1-1/2"	7/8"	1/4" x 3/4"
ALL60016	Round Tube, 3/8" Hole	1/8"	1-3/4"	1-1/4"	3/8"
ALL60017	Round Tube, 1/2" Hole	1/8"	1-3/4"	1-1/4"	1/2"
ALL60041	Round Tube, 1/4" Hole	1/8"	1-3/4"	1-1/4"	1/4"
ALL60086	Round Tube, 1/4" Hole	.085"	1-7/16"	1-15/16"	1/4"
ALL60087	Round Tube, 1/4" Hole	1/8"	1-7/16"	1-15/16"	1/4"
ALL60024	Flat Mount, 3/8" Hole	.085"	1-9/16"	7/8"	3/8"
ALL60027	Flat Mount, 1/4" Hole	3/16"	1-9/16"	7/8"	1/4"



Universal Hood Pin Mount

ALL60067

Universal bracket with 1/4" mounting holes can be bolted on or welded in place. Bracket accepts 1/2" hood pins to secure hood and deck lids along with many other uses. Constructed of .100" steel, bracket has a built-in reinforcing gusset for added strength.



Universal Chassis Bracket

ALL60068

Universal gusseted bracket is 3/16" thick and welds on for many uses including engine and body mounts. Bracket is 2-1/4"W x 3-1/4"L and has a 1/2" hole.





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Universal Mounting Bracket [ALL60072](#)

Weld-on formed bracket is 1/8" thick and has many uses, including as a body mount when modifying or fabricating chassis, or as a rear engine mount bracket when used with rear motor mounts. Bracket is 2-1/4"W x 6-1/2"L and may be drilled to suit a variety of applications..



Brake Line Adapter Mounting Tabs

Secure brake line adapters or bulkhead fittings, or use as a mounting tab for a variety of uses.

Part No.	Description
ALL60029	Bolt-On with 5/8" Hole, 2-Pack
ALL60030	Weld-On with 5/8" Hole, 4-Pack
ALL60092	Weld-On with 9/16" Hole, 4-Pack
ALL60091	Weld-On with 7/16" Hole, 4-Pack
ALL60090	Weld-On with 3/8" Hole, 4-Pack



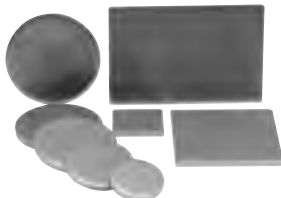
[ALL60029](#)

[ALL60030](#)
[ALL60090](#)
[ALL60091](#)
[ALL60092](#)

Tubing End Caps

Steel end caps weld to the end or inside of tubing to provide a clean look, prevent sharp exposed edges and seal tubes to keep out dirt and debris. Caps are commonly used on ends of bumpers, to fill existing holes in frames, and as a flat gusset when butt joining sections of square or rectangular tubing. Package of 10.

Part No.	Description	Thickness
Round End Caps		
ALL22280	7/8" O.D.	.125"
ALL22285	1" O.D.	.125"
ALL22281	1-1/4" O.D.	.125"
ALL22286	1-3/8" O.D.	.125"
ALL22282	1-1/2" O.D.	.125"
ALL22283	1-5/8" O.D.	.125"
ALL22287	1-11/16" O.D.	.125"
ALL22284	1-3/4" O.D.	.125"
Square End Caps		
ALL22290	1" x 1"	.085"
ALL22291	1-1/2" x 1-1/2"	.085"
ALL22292	2" x 2"	.085"
Rectangle End Cap		
ALL22294	2" x 3"	.085"



Gussets

Gussets add support and strength to tubing joints when building roll cages or chassis mounts. Solid, one or three hole gussets are 1-7/8" tall x 1/8" thick.



Description	10-Pack	100-Pack
Solid	ALL22192	ALL22192-100
With One Hole	ALL22194	ALL22194-100
With Three Holes	ALL22196	ALL22196-100

Wrap Around Gussets

Gussets fit 1.50" to 1.75" tubing and can be used to join tubing from 70° to 110°. Wrap around gussets are 1/16" thick and provide more support and rigidity than a standard flat gusset.



Part No.	Description
ALL22199	10-Pack
ALL22199-50	50-Pack

Rub Rail Flange [ALL60023](#)

Flanges are 3/16" thick and commonly used when building bolt-on style rub rails. Center hole accepts 1-1/4" tubing and has two 3/8" mounting holes spaced 2-1/4" apart. Package of 4.



Charging Post Bracket [ALL60064](#)

Securely mount Allstar charging posts on vehicles where battery is not easily accessible. Predrilled holes allow quick mounting to frame or body. Double-D hole design positions posts close together, but provides enough room for charging or jumper cable clamps. Charging posts sold separately.



Remote Starter Button Shroud Kits

Kit mounts a remote starter button directly to chassis tubing. Kit includes a shroud to help protect against accidental activation, tab, and starter button.



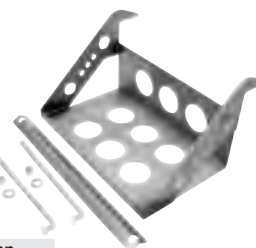
Part No.	Description
ALL60360	Welded Kit
ALL60361	Un-welded Kit

[ALL60361](#)

Battery Boxes

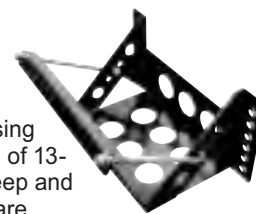
Universal, lightweight steel battery boxes may be welded or bolted to the frame. Boxes are available in two sizes and include hold-down hardware.

Part No.	Description
ALL76100	Full Size, 12" Wide x 7-1/4" Deep
ALL76101	Short Style, 10" Wide x 7-1/4" Deep



Bolt-On Battery Boxes

Battery box has multiple 1/2" mounting holes to bolt box directly to the frame rail, inner fender or firewall. Box can also be fastened to round tubing using clamp-on ballast brackets. Constructed of 13-gauge steel, measures 11" wide x 7" deep and includes 3/8" battery hold-down hardware.



Part No.	Description
ALL76102	Clear Zinc
ALL76103	Black

[ALL76103](#)

Ground Stud [ALL76147](#)

Steel ground stud welds to round tubing providing a secure location for mounting a negative battery cable. Weld stud directly to the chassis or create a secure ground wire location in the foot box or engine compartment. Stud accepts battery cables with 3/8" ring terminals.



Weld-On Nuts

Weld these steel nuts into a predrilled hole to provide a strong and easy method of bolting brackets or accessories to chassis. Nuts are often used when the back side of a fastener is not accessible and they allow quicker installation and/or removal of chassis components.

Part No.	Description
1/4"-20 Nut for 3/8" Hole	
ALL18546	(5/16" UHL), 4-Pack
ALL18546-25	(5/16" UHL), 25-Pack
3/8"-16 Nut for 3/4" Hole	
ALL18549	Short (3/8" UHL), 4-Pack
ALL18549-25	Short (3/8" UHL), 25-Pack
ALL18550	Long (7/8" UHL), 4-Pack
ALL18550-25	Long (7/8" UHL), 25-Pack
1/2"-13 Nut for 3/4" Hole	
ALL18551	Short (3/8" UHL), 4-Pack
ALL18551-25	Short (3/8" UHL), 25-Pack
ALL18552	Long (7/8" UHL), 4-Pack
ALL18552-25	Long (7/8" UHL), 25-Pack



[ALL18546](#)



CHASSIS

Weld-On Shock Brackets

Weld-on shock brackets mount standard and coil-over shocks with 1/2" I.D. inner bushing or 1/2" rod end to chassis as well as many other uses. 1/8" thick mild steel brackets include 1/2" bolt, spacer and locknut.

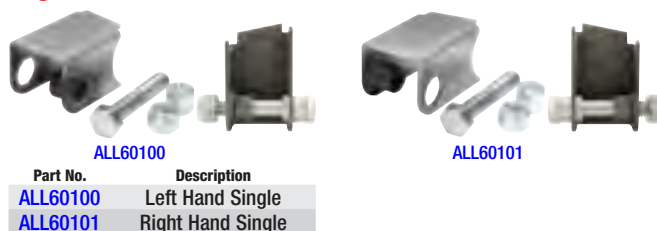
Notched Tube Mount

Bracket is notched for 1-1/2" - 1-3/4" round tubing to create a gusset-style mount that welds on three sides. Notched design positions the bracket perpendicular to the tubing at a 90° angle for straight mount and approximately a 75° angle for angled mounts.

Straight Mount



Angle Mount



Round Tube Mount

Bracket welds parallel onto tubing. Typically mounted above or below tubing and includes 1/2" shock mounting hardware. Mounting positions are on 1" centers.

Part No.	Description
ALL60107	Single
ALL60114	Two Position
ALL60115	Three Position

Flat Mount

Bracket mounts to a flat surface or square tubing.

Part No.	Description
ALL60106	Single

Related Parts

ALL99100	Replacement bolt, locknut, and bushing
ALL99101	Replacement bushing only

Clamp-On Shock Brackets

Clamp-on shock brackets mount standard and coil-over shocks with 1/2" I.D. inner bushings to round tubing without welding. Easily add additional mount or pivot mount when experimenting or trying different set-ups. Standard brackets position the shock approximately 1" below the chassis tubing. Drop-mount brackets position the shock approximately 2-1/2" below the chassis tubing. Brackets include mounting hardware with nyloc locking nuts.

Part No.	Description
Clamp-On	
ALL60220	1.75"
ALL60221	1.50"
ALL60222	1.25"
Drop Mount Clamp-On	
ALL60224	1.75"
ALL60225	1.50"



1/2" Rod End Mount ALL60073

3/16" thick steel mount with 1/2" holes accepts rod ends up to 5/8" wide. Mount is 1-5/8" tall overall.



Quick-Release T-Handle Pins

Positive-lock, quick-release pins hold tightly in place until the handle button is depressed, allowing the pin to be inserted into or removed from a hole with ease. Handles are made from 380 die-cast aluminum, shanks are made from 4130 steel. Each pin is equipped with a stainless steel split ring, providing the option to attach a cable assembly.

Part No.	Description
ALL60300	1/4" x 1"
ALL60301	1/4" x 1-1/2"
ALL60302	1/4" x 2"
ALL60304	5/16" x 1"
ALL60306	5/16" x 2"
ALL60308	5/16" x 3"
ALL60310	3/8" x 1"
ALL60312	3/8" x 2"
ALL60314	3/8" x 3"
ALL60318	1/2" x 2"
ALL60320	1/2" x 2-1/2"
ALL60322	1/2" x 3"
ALL60324	1/2" x 3-1/2"
ALL60326	5/8" x 2"
ALL60328	5/8" x 2-1/2"
ALL60330	5/8" x 3"



Quick Pin Lock Collars

Steel lock collar provides a positive lock for quick-release pins. Black coated collar with button-head machine screw allows attachment of a securing device, like an Allstar lanyard (ALL18461 or ALL18463).

Part No.	Description
ALL60335	1/2" Collar with 10-32 Screw
ALL60336	5/8" Collar with 1/4"-28 Screw



Tube Clamps

2-piece tube clamp bolts to round tubing and provides a removable welding point for many uses. Clamps are constructed of 1/8" mild steel that is 2" wide. Includes two 3/8" grade 8 bolts with nyloc nuts.

Part No.	Description
ALL14480	1"
ALL14481	1-1/4"
ALL14483	1-1/2"
ALL14485	1-3/4"
ALL14486	2"





CHASSIS

Coil Spring Spacer [ALL56116](#)

Spacer for 5" racing spring welds into spring pocket, enabling chassis adjustments on street stock and other race cars that are not allowed to use weight jack bolts or threaded adjusters. 3" tall spacer may be cut to desired height before installation. Use coil shim spacers ALL56120 and ALL56121 to make chassis adjustments.

Adjustable Coil Spring Spacers

Adjustable spacers for 5" racing springs weld into spring pockets, enabling chassis adjustments on street stock and other race cars that are not allowed to use weight jack bolts.

Part No.	Description
ALL56118	All Steel Adjuster
ALL56119	Steel Sleeve with Alum. Adj. Nut



Coarse-Thread Weight Jack Bolts

Weight jack bolts have 1"-8 threads for quick adjustment. Use with ALL56113, ALL56114, and ALL56115 style spring plates.

Part No.	Description
ALL56106	8" Steel
ALL56107	11" Steel



Weight Jack Bolts with Internal Thread

Bolts have a 7/16"-20 internal thread on one end for use with bolt-on and swiveler spring cups. Coarse thread bolts have 1"-8 outer threads while fine thread bolts are 1-1/8"-12.

Part No.	Description
Coarse Thread 1"-8 with 3/4" Hex	
ALL56094	4" Steel
ALL56095	6" Steel
ALL56096	8" Steel
ALL56097	11" Steel
Fine Thread 1-1/8"-12 with 1/2" Square Drive	
ALL56090	6" Aluminum
ALL56091	8" Aluminum
ALL56092	6" Steel
ALL56093	8" Steel



Jam Nuts for Jack Bolts

Steel jam nuts for jack bolts.

Part No.	Description
ALL56068	1"-8 (Coarse) 1-1/8" Wrench
ALL56110	1"-8 (Coarse) 1-1/2" Wrench
ALL99052	1-1/8"-12 (Fine) 1-3/8" Wrench



Weight Jack Bolt Collars

Steel collar typically welds onto frame or chassis for installation of a threaded jack bolt. Collar includes grease fitting.

Part No.	Description
ALL56098	1-1/8"-12
ALL56099	1"-8



Weight Jack Bolt Sleeves

Weld-in mild steel sleeve provides a mounting point for jack bolts or adjustable shock mounts. Sleeves are 2" long and have a 1-3/8" O.D. for welding onto chassis tubing.

Part No.	Description
ALL56073	1-1/8"-12, Fine Thread
ALL56109	1"-8, Coarse Thread



[ALL56073](#)



Coarse Thread Nut with Sleeve [ALL56111](#)

Steel coarse thread nut with sleeve has 1"-8 coarse threads.

Weight Jack Plate [ALL56112](#)

Heavy-duty steel plate has a threaded boss welded to the center to accept jack bolts with 1"-8 coarse threads. O.D. is 5".



Slotted Upper Control Arm Bracket Kit [ALL60077](#)

Kits contain (2) slotted brackets, (2) centered bushings, (2) reducer spacers for 5/8" rod end, and a 1/2" bolt and nyloc nut. Offset aluminum bushings (sold separately) allow for plenty of adjustment options.

Part No.	Description
Insert Bushings	
ALL60080	Centered Bushings (Pair)
ALL60081	1/8" Offset Bushings (Pair)
ALL60082	1/4" Offset Bushings (Pair)
ALL60083	3/8" Offset Bushings (Pair)
ALL60084	1/2" Offset Bushings (Pair)



Upper Control Arm Brackets [ALL60025](#)

Stamped 3/16" thick mild steel brackets weld to chassis to provide a mounting point for upper control arm. Brackets are sold in pairs and have two 5/8" mounting holes, spaced 7/8" apart for adjustment. May be trimmed to desired height.



Upper Control Arm Bracket [ALL60190](#)

Bracket is flame cut from 1/2" thick steel, with 6" bolt spacing. Welds to frame and accepts upper A-arm.



Chassis Tie-Down Brackets [ALL60075](#)

Steel brackets weld to chassis and provide a secure mounting location to hook a tie-down strap or winch cable. Package of 2.



Transmission Mount Bracket [ALL38072](#)

May be welded to chassis to support manual or automatic transmissions. Steel bracket is 1/8" thick with 1" x 7/16" slots for mounting bolts.





CHASSIS

Driveshaft Loop

ALL69000

Universal driveshaft loop contains the drive-shaft if a yoke or U-joint fails. Loop is 1/4" thick x 2" wide mild steel and fully adjustable to fit most cars.



Unwelded Driveshaft Loop

ALL69004

Made from 3/16" flat steel, loop is 9-1/2" tall, 5-1/2" wide with a 16" wide mounting strap that can be cut and welded for each installation.



180° Driveshaft Loop

ALL69002

Pre-bent 1" diameter x .083" wall mild steel tubing is designed for chassis style cars to help retain the driveshaft in the event of a U-joint failure. Loop is 10" tall overall and has a 5" I.D.



Leaf Spring Pad

ALL56126

Steel pad welds to 3" diameter rear end axle tube when mounting rear end to most leaf springs. Pad is 2-1/2" W by 5-3/4" L and has a 5/8" center pilot hole. Sold each.



Lower Spring Cups

Steel spring cup has a 7" wide curved base that welds to the top of a 3" diameter rear end axle tube creating a flat mounting surface for a 5" O.D. racing springs. Commonly used to replace OE-style "pigtail" lower spring mount. Sold each.



ALL56124

NEW
Lightweight
Version!

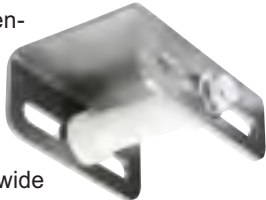


ALL56123

Leaf Spring Slider Box

ALL60034

Leaf spring slider box replaces conventional leaf spring shackles to enable effortless suspension movement and prevent binding. Box may be welded, or bolted directly to chassis and includes two nylon bushings with spring mounting hardware. Fits 2-1/2" wide Chrysler-type leaf springs.



Replacement Bushings ALL99055

Leaf Spring Slider Box

ALL60035

Replace rear leaf spring shackles with Allstar's leaf spring slider box. Bolt-in slider box with roller bearing design eliminates leaf spring binding, freeing up car. Fits 2-1/2" wide Chrysler-type leaf springs.



Adjustable Panhard Bar Mounting Bracket

ALL60185

Bracket welds onto the rear of a 3" steel axle tube to mount a Panhard bar behind the axle housing. A machined 6" slot with a sliding retainer nut makes it possible to change roll center by adjusting Panhard bar angle with only one wrench. Bracket includes a 3" x 3/4"-10 bolt, two 5/16" wide spacers and a flat washer.



Panhard Bar/Third Link Brackets

Brackets have a built-in arch for adjustment of the Panhard bar or third link angle without changing the length of the arm. Brackets are 1/8" thick. Sold as a pair.

Part No.	Description
ALL60162	6-Hole Brackets with 1/2" Holes
ALL60163	6-Hole Brackets with 5/8" Holes
ALL60165	6-Hole Brackets with 3/4" Holes
ALL60167	5-Hole Brackets with 3/4" Holes



ALL60162
ALL60163
ALL60165

ALL60167

Weld-On Panhard Bar Bracket

ALL60168

Bracket is made from 1/4" steel and has six 3/4" mount holes for Panhard bar. Measures 8-1/2" tall by 2" wide.



Track Bar Locator Brackets

Track bar locator brackets are an ideal bolt-on mounting point for rod ends commonly found on Panhard bars, track bars, or rear axle housing track locators. For use with 1/2" diameter rod ends. Available with a 5/8" or 3/4" bracket mounting hole.

Part No.	Description
ALL60079	5/8" Hole, 1" Gap
ALL60089	3/4" Hole, 1-3/16" Gap

ALL60079



Trailing Arm Brackets

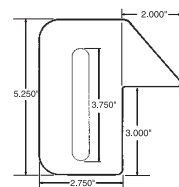
Steel brackets can be used as front mount for leaf spring or trailing arm. Assorted styles are available. Sold each.

ALL60043

5/8" slot, 3/16" thick, 3-3/4" long.

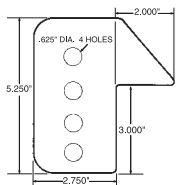
ALL60044

3/4" slot, 3/16" thick, 3-3/4" long.



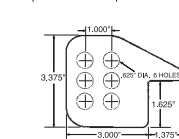
ALL60045

5/8" holes, 1/8" thick.



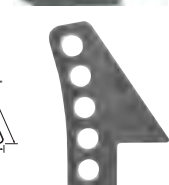
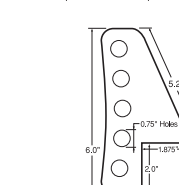
ALL60046

5/8" holes, 3/16" thick.



ALL60048

3/4" holes, 1/8" thick.



Trailing Arm Bracket [ALL60042](#)

Weld-on bracket has a curved 3/4" slot so rear end remains square as the trailing arm is raised or lowered. Notched for 2" x 3" square tubing. 1/4" thick.

Slider Boxes

Slider boxes weld to the chassis and provide an adjustable mount for trailing arms, Panhard bars and upper links. Boxes are constructed of .120" wall material and are 1-1/2" wide x 2-1/2" deep x 6" tall with a 4" slot that provides 3" of adjustment.

Part No.	Description
ALL60186	4" x 1/2" Slot
ALL60188	4" x 3/4" Slot

Universal Trailing Arm Brackets

Brackets have three 1/2" mounting holes spaced 1-1/4" apart and may be welded to 3" axle tubes to provide three trailing arm mount locations. ALL60058 is made of 3/16" steel and welds to the top of the rear end housing, providing a point of attachment for upper trailing arms.

Part No.	Description
ALL60050	Lower Bracket
ALL60051	Shock Bracket for Lower
ALL60058	Upper Bracket

Metric Upper Trailing Arm Mounts [ALL60059](#)

Mounts weld to the top of Ford 9" housing creating a mounting point for GM Metric chassis upper trailing arms. Bushings not included.

GM Metric Chassis Trailing Arm Bracket Kits

Bracket kits include rear upper and lower control arm mounts that accept O.E. style bushings (included) and 1/2" hardware. Upper mount must be cut into two pieces (LH/RH) and trimmed to desired height depending upon where housing is located in the chassis.



Part No.	Description
ALL60052	Kit with Single Hole Lower (Stock Location)
ALL99282	Lower Brackets Only, (Stock Hole Location)
ALL60053	Kit with Single Hole Lower, (1" Lowered)
ALL99283	Lower Brackets Only, (1" Lowered Hole Location)
ALL60054	Kit with Multi-Hole Lower (Stock to 4" Lowered)
ALL99284	Lower Brackets Only, (Multi-Hole)

90/10 Shock Brackets [ALL60026](#)

Brackets weld to the chassis to mount a shock between the chassis and the differential to control "unloading" during deceleration of hard braking. 1/8" thick steel brackets fit 1-1/2" diameter tubing and have four 1/2" holes, spaced 1" apart. One pair.

Upper Link Chassis Brackets

Weld-on brackets have curved 3/4" slots to maintain pinion angle as the 3rd link is raised or lowered. Both brackets are notched for 1-3/4" round tubing and are 3/16" thick.

Part No.	Description
ALL60065	Short
ALL60066	Long

Ford 9" Upper Link Brackets

Ford 9" housing brackets provide a mounting point for upper link. Weld-on brackets fit standard steel Ford housings.

Part No.	Description
ALL60160	1" Diameter Holes, Set of 2
ALL60166	3/4" Diameter Holes, Set of 2

Ford 9" Upper Link Brackets [ALL60157](#)

Brackets are designed to weld to most Ford 9" style center sections. Steel brackets are 3/16" thick and provide multiple mounting locations for 90/10 shock, upper link, third link, or pull bar. Sold as a set.

Half Clamp Brackets

Unique brackets are a must when clamping completely around tubing isn't possible. Bracket clamps just over halfway around tubing and tightens to create a secure mount for many accessories. 3" bracket can clamp to rear end axle tubes to neatly secure braided lines. Brackets have 3/8" mounting holes.

Part No.	Description
ALL10464	1-1/4"
ALL10466	1-1/2"
ALL10468	1-3/4"
ALL10470	3"

Tube Clamps

2-piece tube clamp bolts to round tubing and provides a removable welding point for many uses. Clamps are constructed of 1/8" mild steel that is 2" wide. Includes two 3/8" grade 8 bolts with nyloc nuts.

Part No.	Description
ALL14480	1"
ALL14481	1-1/4"
ALL14483	1-1/2"
ALL14485	1-3/4"
ALL14486	2"



CHASSIS

Accessory Clamps

Aluminum two-piece clamps are ideal for mounting small parts and accessories or creating an adjustable clamp-on mount for supporting body or roof panels. Clamps are 1/2" wide and include two 1/4" button-head fasteners.



Size	With 1/4"-20 Mount	With 1/4"-20 Mount and a 1/4" Through-Hole
1"	ALL10455	ALL10485
1-1/4"	ALL10456	ALL10486
1-3/8"	ALL10457	ALL10487
1-1/2"	ALL10458	ALL10488
1-5/8"	ALL10460	ALL10489
1-3/4"	ALL10459	ALL10490

Universal Brackets

Universal 1/4" thick aluminum brackets may be drilled and tapped to custom mount just about anything.

Part No.	Description
ALL10452	1-1/4"
ALL10453	1-1/2"
ALL10454	1-3/4"
ALL10445	Reducer Bushing 1-3/4" to 1-5/8"



Steel Ballast

Steel ballast is pre-painted white for safety. Add weight where it's needed. Available in 10, 20, 25, 30, and 40 pound blocks.

Part No.	Description
ALL14212	10 lbs. 2-1/2" x 2-1/2" x 5-5/8"
ALL14214	20 lbs. 2-1/2" x 2-1/2" x 11-3/8"
ALL14215	25 lbs. 2" x 4" x 11"
ALL14218	30 lbs. 2-1/2" x 3-1/2" x 12"
ALL14220	40 lbs. 2-1/2" x 3-1/2" x 16-1/4"



Ballast

Add weight where it's needed.

Part No.	Description
ALL14176	2.5 lbs. 3-1/2" Round x 3/4" Tall
ALL14177	5 lbs. 3-1/2" Round x 1-3/8" Tall
ALL14180	25 lbs. 4" x 8" x 2"
ALL14179	30 lbs. 2-1/2" x 2-1/2" x 12"
ALL14182	40 lbs. 12" x 3-1/2" x 2-3/4"



Clamp-On 25-lb. Ballast ALL14181

Securely add weight where it's needed. Clamp-on design is formed of two halves which bolt together around 1" to 1-3/4" round tubing, allowing easy installation and removal. Bolts are included for use on tubing up to 1-5/8". When clamping to 1-3/4" tubing, longer bolts (not included) are required.



Economy Ballast Brackets

Black anodized two-piece aluminum bracket clamps around tubing with 5/16" hex head fasteners and has a 1/2"-13 tapped hole on each side. Mounting stud and nut sold separately.

Part No.	Description
ALL14192	1" O.D. Round Tubing
ALL14193	1-1/4" O.D. Round Tubing
ALL14194	1-3/8" O.D. Round Tubing
ALL14195	1-1/2" O.D. Round Tubing
ALL14196	1-5/8" O.D. Round Tubing
ALL14197	1-3/4" O.D. Round Tubing



Ballast Brackets

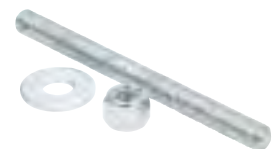
Black anodized two-piece aluminum bracket clamps around tubing with recessed 5/16" socket head fasteners and has a 1/2"-13 tapped hole on each side. Mounting stud and nut sold separately.

Part No.	Description
ALL14178	1" O.D. Round Tubing
ALL14183	1-1/4" O.D. Round Tubing
ALL14184	1-3/8" O.D. Round Tubing
ALL14185	1-1/2" O.D. Round Tubing
ALL14186	1-5/8" O.D. Round Tubing
ALL14187	1-3/4" O.D. Round Tubing
ALL14188	2" O.D. Round Tubing
ALL14189	2" x 2" Square Tubing



Threaded Stud and Lock Nut for Mounting Ballast ALL14190

1/2"-13 x 6" threaded rod is often used with clamp-on ballast brackets when mounting ballast or may be used to bolt ballast directly to frame or chassis. Threaded rod may be cut to desired length and includes a nylon lock nut and flat washer.



Fuel Cell Mounting Bracket ALL60063

Steel bracket is radiused to fit 1-1/2" tubing and has (8) 3/8" holes on 1/2" centers. Bracket is .085" thick and 1-1/2" wide x 4-3/4" tall.



Fuel Cell Mounting Brackets

Steel brackets are .125" thick, 1-3/4" wide and available in three lengths. All have 3/8" holes.

Part No.	Description
ALL60060	2" Long
ALL60061	3" Long
ALL60062	4-3/4" Long



Fuel Cell Guard ALL22374

Guard adds protection to the fuel cell and acts as a lifting point for rear of vehicle. Universal kit is constructed of 1-3/4" x .095" wall mild steel tubing. Parts are pre-cut and notched, ready to be welded together. Height is 8-3/4" and mounting width is 42".





CHEMICALS

Oil Eater Degreaser

The cleaner/degreaser that really works! We can't say enough about this cleaner; it can be used as a pre-wash on greasy clothing, to clean engine components, transmission cases, and engine compartments, and is even strong enough to clean the shop and trailer floors! You won't be disappointed! Cleaner is non-toxic, non-corrosive, and biodegradable so it is safe for the environment.



ALL78211



ALL78213

Part No.	Description
ALL78213	32-oz. Spray Bottle
ALL78211	1-Gallon Container

Air Filter Cleaner ALL78222

Spray solution directly onto dirty air filter. Allow a brief time to soak, 5-10 minutes then rinse clean with water. For use with Allstar washable air filter elements. Plastic 24-oz. bottle.



Dirt Tire Soap ALL78236

Clean your tires like the Pros! Simply mix with water and spray on your tires before washing them, and the mud almost falls off. Cleaner also works for pre-treating your chassis and body before cleaning to help loosen dirt and clay. 1-gallon container.



Ultrasonic Cleaners

Cleaners use high-frequency sound waves to create cavitation bubbles to gently deep clean. Cleaner features a touchscreen display to regulate cleaning fluid temperature and machine run-time, a stainless steel case, a basket to ease handling of parts, and a lid.



ALL10640

Part No.	Description
ALL10640	Small Cleaner - 1-Gallon Capacity, Unit is 13"L x 7"W x 11"H, Basket is 10" L x 5"W x 4"H, Tank depth is 5"
ALL10642	Large Cleaner - 5-Gallon Capacity, Unit is 21"L x 13"W x 14"H, Basket is 19"L x 10"W x 5"H, Tank depth is 7-1/2"
ALL10644	Cleaner Solution, 1-Gallon Bottle

Mud-X Cleaner ALL78232

Cleans and shines plastic, polycarbonate, chrome, fiberglass, paint, vinyl, and leather and leaves an invisible coating that protects surfaces and repels dirt, dust, fingerprints, smudges, and bugs. Spray it on and wipe it off. Excellent anti-fog coating for helmet shields. 14-oz. can.



Ground Shipment Only

Mud-X Concentrate ALL78230

Mix concentrate with up to ten quarts of water to produce a coating that prevents mud, dirt, oil, rubber, and exhaust residue from sticking to body panels. Safe for metal, plastic, rubber, and painted surfaces. One-quart container.



Pressurized Sprayers

Sprayers are great for applying bulk cleaners, degreasers, solvents, penetrating oils, and other lubricants. Sprayer has a capacity of 32 ounces and includes a versatile nozzle adjustable from mist to a fine stream.



Part No.	Description
ALL10516	Black
ALL10518	Chrome

Pre-Race Dirt Solution ALL78234

Spray directly on the body and underside of your car before entering the racetrack. Helps prevent dirt, oil, and rubber from sticking to the frame and body panels. Use direct without water. Half-gallon container.



Plexus Cleaner ALL78200

Plexus cleaner is formulated to clean and protect clear and colored plastics. Unlike conventional waxes, Plexus cleans as it polishes and actually seals the pores of plastic, making small scratches less visible. Dries without streaks or smears. Excellent for polycarbonate windows on race cars. 13-oz. can.



Ground Shipment Only

Novus Plastic Cleaner and Polish

Novus plastic polish will restore the finish of plastics, including polycarbonate windows and windshields. Offered in three formulas.

Cleaner 1 – ALL78201

Gently cleans all plastics without scratching. Leaves a lustrous shine that resists fogging, repels dust, and eliminates static. 8 oz. spray bottle.



Polish 2 – ALL78202

Removes fine scratches, haziness, and abrasions from most plastics. With repeated use, polish 2 will restore faded and discolored plastics. 8-oz. squeeze bottle.



Polish 3 – ALL78203

Removes heavy scratches and abrasions from most acrylic surfaces. Requires both #1 and #2 polishes for final finishing. 8-oz. squeeze bottle.





CHEMICALS



Multi-Purpose Absorbent ALL12035

Organic material is a dust-free alternative when cleaning up spills. Sprinkle product on spills and sweep up. 5-lb. resealable bag.



Cleaning Wipes

Disposable wipes are great for cleaning hands when washing is not an option. Perfect for use after fueling vehicles, making roadside repairs, or even as a pre-clean to remove stubborn grease. Durable textured wipes are pre-moistened, citrus scented, and enriched with aloe and vitamin E to deep clean and promote soft skin. Resealable package prevents product from drying out.

Part No.	Description
ALL12016	30 Ct. Pop-Up Dispenser
ALL12017	60 Ct. Pop-Up Dispenser



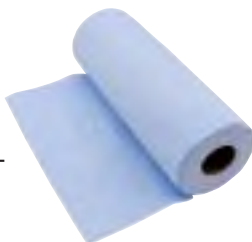
Scott Rags ALL12005

Multi-purpose cloth-like disposable towels are perfect for shop and trailer. 10" x 14" towels are packaged in a 200-ct. box with pop-up dispenser. Mount to shop or trailer wall with ALL12220 holder.



Shop Towels ALL12006

Shop towels are much heavier than standard paper towels and work great for numerous tasks around the shop or track. Rolls contain 60 individually perforated 11" x 9-1/2" disposable sheets.



Towels

Soft, absorbent terry cloth towels can be used for polishing, wiping up spills, or general detailing. Shop towels belong in every tool box as well as in the shop, garage, or trailer.

Part No.	Description
ALL12010	Red Shop Towels, 25-Pack
ALL12011	White Shop Towels, 25-Pack
ALL12012	White Terry Towels, 12-Pack



Microfiber Towels ALL12008

12" x 12" terry microfiber towels are great for polishing, cleaning, and many other uses around the shop or when detailing a vehicle. Different color towels keep jobs separated and help eliminate cross contamination between various polishes or cleaners. Package of 3.



Allstar Apron ALL99962

Black cloth apron has pockets to keep tools close at hand. Reverse apron to place pockets on the inside when grinding tires. Adjustable strap allows one size to fit all.

Competitive Edge Tire Conditioner ALL78105

Chemically treats and softens race tires to increase traction without making tires greasy. Apply race day or night before on new or old tires, can be used on the inside or outside. One-gallon container treats 4 to 6 tires.



Fast Track ALL78103

Chemically treats and softens race tires to increase traction. Great for qualifying, Fast Track works on asphalt and dirt tires. One gallon treats four tires. Best on Hoosiers, very detectable, will make tires very soft. One-gallon container.



Hot Lap Tire Softener

Increase tire life by 20% over other softeners and reduce lap times by 2-3 tenths. Hot Lap relies on a special formula and will provide instant results. Formulated to pass tire "sniffer" tests.

Part No.	Description
ALL78101	One Gallon Hot Lap, Quick for 200 Laps
ALL78107	One Pint Hot Lap



Track Claw Tire Strengtheners

Strengthens the rubber and will work on all tires. Undetectable. Reduces lap times 0.2 to 0.3 seconds. One-gallon container.

Part No.	Description
ALL78110	180°-220°F Tire Temps
ALL78111	Up to 150°F Tire Temps



Castrol SRF Brake Fluid ALL78115

Castrol SRF brake fluid has a wet boiling point of 518°F (270°C) which exceeds DOT 3 and 4 standards. Do not mix this product with other brake fluids, as this will reduce the benefits of Castrol SRF. 1-liter bottle (33.8 oz.)



AP Radi-CAL R2 (Super 600) Hi-Temp Racing Brake Fluid ALL78108

Designed for extreme, high-temperature racing conditions with a dry boiling point of 594°F and a wet boiling point of 383°F. Conforms to DOT 4 specifications. Sold in 16.9-oz. bottle.





CHEMICALS

AP Radi-CAL R3 (AP PRF) Brake Fluid [ALL78116](#)

Developed for extreme, high-temperature racing conditions with a typical dry boiling point of 617°F and a wet boiling point of 383°F. Conforms to DOT 4 specifications. Sold in 16.9-oz. bottle.

Motul 600 Brake Fluid [ALL78117](#)

100% synthetic brake fluid has an extremely high boiling point, helping to prevent vapor lock and brake fade during hard use. Motul 600 exceeds DOT 3 and DOT 4 specifications. Dry boiling point 594°F, wet boiling point 421°F. Sold in 16.9-oz. bottle.

Motul 660 Brake Fluid [ALL78118](#)

100% synthetic brake fluid is specifically designed to resist extreme temperatures generated by racing carbon and ceramic brakes. Motul 660 exceeds DOT 3, DOT 4, and DOT 5.1 specifications. Dry boiling point 617°F, wet boiling point 401°F. Sold in 16.9-oz. bottle.

Fogging Oil [ALL78220](#)

Spray aerosol lubricant (with special additives) into the intake and spark plug holes to coat and lubricate the cylinders, valves, and valve seats. Prevents horsepower-robbing corrosion and eliminates scuffing at start-up after periods of storage. May be used in all 2- or 4-cycle carbureted or fuel injected gasoline engines in cars, trucks, motorhomes, ATV's, etc. Sold in a 12-oz. can.

Ground
Shipment Only

Extreme Pressure Lube [ALL78246](#)

Originally used throughout the tool and die industry, this lube provides superior durability and wear protection, taking the place of anti-seize in many applications. Recommended for spline-to-spline contact, threaded adjusters and engine fasteners. 4-oz. tube.



Fuel Fragrances

Fuel fragrances can be added to most types of fuels including methanol, nitromethane, gasoline, and also may be used in 2-cycle mixtures. Available in many scents in a resealable 4-oz. bottle – enough to treat 30-55 gallons of alcohol or 20 gallons of gasoline. Mixes clear with fuel.

Part No.	Description
ALL78123	Cinnamon
ALL78124	Cherry
ALL78125	Blueberry
ALL78126	Grape
ALL78127	Banana
ALL78128	Fruit Punch
ALL78129	Pina Colada
ALL78130	Root Beer
ALL78131	Bubble Gum
ALL78132	Cotton Candy
ALL78133	Raspberry
ALL78134	Tangerine
ALL78135	Reefer Madness
ALL78136	Vanilla
ALL78137	Green Apple
ALL78138	Strawberry
ALL78139	Watermelon



Ground
Shipment Only

Upper Lube Fuel Additive

Upper Lube is a high-temperature cylinder lube that protects and extends engine life. Added directly to the fuel, Upper Lube reduces fuel wash down, chalky residue, and corrosion, while lubricating cylinders, valves, guides, and fuel system components. It mixes completely, won't separate from fuel, leaves no varnish residue and does not contain a flame agent. One 16-oz. bottle treats 55 gallons of alcohol, 150 gallons of gasoline, or 110 gallons of ethanol.



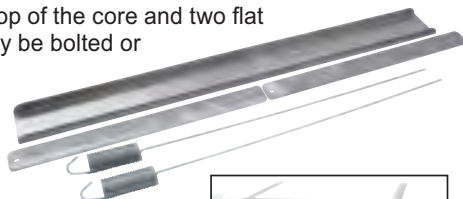
Ground
Shipment Only

Part No.	Description
ALL78100	Upper Lube
ALL78120	Upper Lube with Cherry Fragrance
ALL78122	Upper Lube with Grape Fragrance

COOLING

Upper Mount Kit for Aluminum Tank Radiators [ALL30121](#)

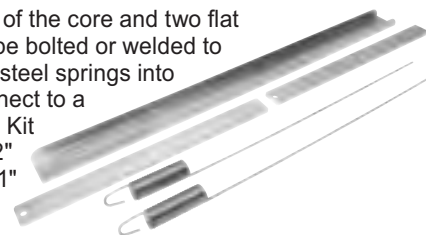
Channel rests on top of the core and two flat aluminum straps may be bolted or welded to the channel. Hook the steel springs into provided hole and connect to a lower chassis location. Kit includes channel (2" x 21-1/2"), two straps (1" x 11-1/2"), and two 17" springs. Fit Allstar aluminum tank radiators.



Part No.	Description
ALL30122	Spring
ALL30123	Channel

Upper Mount Kit for Plastic Tank Radiators [ALL30152](#)

Channel rests on top of the core and two flat aluminum straps may be bolted or welded to the channel. Hook the steel springs into provided hole and connect to a lower chassis location. Kit includes channel (1-1/2" x 21-1/2"), two straps (1" x 11-1/2"), and two 17" springs.



Part No.	Description
ALL30122	Spring
ALL30153	Channel



COOLING

Aluminum Tank Radiators

Excellent quality at an affordable price. Filler necks are machined, not stamped, and tanks are furnace brazed, not epoxied, eliminating two prime sources of leakage. The lightweight 1" tubes, arranged in two rows, offer outstanding cooling in race cars, off-road vehicles and street machines.

Single Pass

1-1/2" inlets and 1-3/4" outlets have beaded hose fittings.

Part No.	Core WxH	Overall
GM		
ALL30010	17" x 18"	22" x 19"
ALL30011	19" x 18"	24" x 19"
ALL30012	21" x 18"	26" x 19"
ALL30014	23" x 18"	28" x 19"
ALL30016	26" x 18"	31" x 19"
ALL30042	23" x 15"	28" x 16"
Ford		
ALL30020	17" x 18"	22" x 19"
ALL30021	19" x 18"	24" x 19"
ALL30022	21" x 18"	26" x 19"
ALL30024	23" x 18"	28" x 19"
ALL30026	26" x 18"	31" x 19"
ALL30043	23" x 15"	28" x 16"

ALL30012



ALL30022

TECH TIP

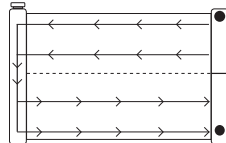
Radiators with aluminum tanks are recommended to use radiator caps rated at 28 lbs. or less.

Dual Pass

Dual-pass radiators circulate coolant across the top half of the radiator, then back across the bottom half, allowing up to twice the heat dissipation. These radiators offer the same features as standard Allstar aluminum radiators including furnace-brazed tanks, two rows of 1" tubes, machined billet filler neck with overflow, standard 1-3/4" outlet and feature a universal inlet design to accept fittings for a 1-1/2" standard hose, 1-3/4" hose, and -16 or -20AN fittings (sold separately). Available in 24", 26", 28", and 31" overall widths (including tanks).

Part No.	Core WxH	Overall
ALL30033	19" x 18"	24" x 19"
ALL30035	21" x 18"	26" x 19"
ALL30036	23" x 18"	28" x 19"
ALL30037	26" x 18"	31" x 19"

ALL30035

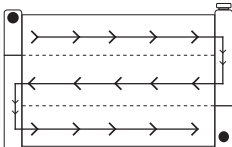


Triple Pass

Triple-pass radiators circulate coolant across the top portion of the radiator, back across the mid-section and through the bottom allowing maximum heat dissipation. These radiators offer the same features as standard Allstar aluminum radiators including furnace-brazed tanks, two rows of 1" tubes, machined billet filler neck with overflow, standard 1-3/4" outlet and a universal inlet designed to accept fittings for a 1-1/2" standard hose, 1-3/4" hose, and -16 or -20AN fittings (sold separately). Available in 24", 26", 28", and 31" overall widths (including tanks).

Part No.	Core WxH	Overall
ALL30045	19" x 18"	24" x 19"
ALL30046	21" x 18"	26" x 19"
ALL30047	23" x 18"	28" x 19"
ALL30048	26" x 18"	31" x 19"

ALL30046



Radiator Inlet Fittings

Part No.	Description
ALL30038	1-1/2" Hose Fitting
ALL30041	1-3/4" Hose Fitting*
ALL30039	-16AN Fitting
ALL30040	-20AN Fitting

* Use with lower radiator hose as an upper hose.



Plastic Tank Radiators

Uniquely designed plastic tank radiators with aluminum core offer over a 22% gross weight savings to comparable aluminum tank radiators when filled with coolant. These performance radiators also provide 6% better cooling than aluminum tank radiators. Tanks are fastened to the core with multi-clamps and an O-ring gasket, a process similar in design to many of today's high-performance late model muscle cars. Corrosion-resistant tanks have molded in 1-1/2" inlet and 1-3/4" beaded hose outlets. Widths are overall including tanks.



ALL30052

Single Pass

Part No.	Core WxH	Overall
GM		
ALL30050	17" x 18"	22" x 19"
ALL30051	19" x 18"	24" x 19"
ALL30052	21" x 18"	26" x 19"
ALL30053	23" x 18"	28" x 19"
ALL30054	26" x 18"	31" x 19"
Ford		
ALL30320	17" x 18"	22" x 19"
ALL30321	19" x 18"	24" x 19"
ALL30322	21" x 18"	26" x 19"
ALL30324	23" x 18"	28" x 19"
ALL30326	26" x 18"	31" x 19"

ALL30322



Dual Pass

Part No.	Core WxH	Overall
GM		
ALL30058	23" x 18"	28" x 19"
ALL30059	26" x 18"	31" x 19"

ALL30058



TECH TIP

Radiators with plastic tanks are recommended to use radiator caps rated at 25 lbs. or less.



CURT SPALDING

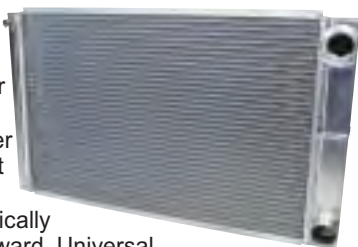
STAN KALWASINSKI



COOLING

Late Model Radiator ALL30044

Aluminum dual-pass radiator has 16"x28" overall dimensions and does not have a filler neck. The 1-3/4" bottom outlet is welded 90° to the tank, not angled, as these radiators typically mount with the top leaned forward. Universal top inlet design accepts 1-1/2" standard hose, 1-3/4" hose, -16 or -20an fittings (sold separately). Includes a 1/4" petcock located near the top on the driver's side to release possible air in the system when filling.



Wall Mount Radiator Holder Kit ALL12216

Brackets fasten to trailer wall and hold radiator safely in place to avoid damage during transport. Kit includes two 29" long aluminum brackets with adjustment holes at 2" increments and arms to fit radiator cores up to 2-1/4" wide. Adjustable arms are slotted for quick adjustment with included thumbscrew knobs to fit a variety of radiator heights.



Radiator Fin Tool Kit ALL10680

Hand-held tool straightens and repairs damaged fins in most radiators, coolers, and air conditioning condensers. Repairing damaged fins provides better airflow through core, increasing cooling ability. Six interchangeable heads in 13, 15, 16, 17, 18, and 20 fins per inch.



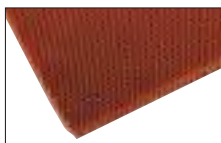
Upper Radiator Support Bracket ALL30120

Universal upper support bracket is preformed to fit over the top of most radiator cores (up to 2-1/2" thick) to keep radiator secured in saddle-style lower mounts. Steel bracket is .085" thick and has a 3/16" hole for riveting or bolting in place.



Radiator Honeycomb ALL30158

1/2" thick honeycomb screen mounts to front of radiator to protect from rocks and debris. Secure directly to radiator using ALL30085 mounting kit, sold separately. 19" x 26".



Universal Mounting Kit ALL30085

Mounting kits are commonly used to mount electric fans, oil coolers, transmission coolers, or honeycomb screen directly to a radiator. Kits include four 8" nylon mounting bolts with washers, rubber spacer blocks, and retaining nuts. Bolts are pressed through the fins of the radiator to mount accessory.



Radiator Shaker Screen ALL30160

Commonly used on Dirt Late Models, universal shaker screen is mounted in front of the radiator on most dirt cars. Unit includes black powder coated aluminum frame, screen, 1/2" x 32" cross rod, springs and retaining clips. Frame dimensions are 17" tall and 25" wide.



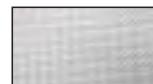
Stainless Wire Screen

Use screen to protect radiators, oil coolers, or other items. Size referenced is the approximate opening of the screen.

Part No.	Description
5/64" (.025" Wire Diameter)	
ALL22260	12" x 36"
ALL22262	36" x 36"
1/8" (.035" Wire Diameter)	
ALL22265	12" x 36"
ALL22267	36" x 36"
ALL22268	36" x 48"
3/16" (.047" Wire Diameter)	
ALL22270	12" x 36"
ALL22272	36" x 36"
ALL22273	36" x 48"



5/64"



1/8"



3/16"



Radiator Caps



ALL30129



ALL30136



ALL30128

Higher cooling system pressure raises the boiling point of coolant to reduce the risk of overheating. Standard size caps fit 2-1/8" O.D. x 3/4" deep necks unless otherwise noted. Recovery system caps allow coolant to exit the cooling system into an overflow or recovery bottle as coolant heats and expands. As the system cools, recovery system caps will draw coolant back in to keep the cooling system full. Non-recovery system caps allow coolant to exit the system, but do not draw coolant back into the system.

Part No.	Description	Pressure
*Non-Recovery Radiator Caps		
ALL30134	Stant/Moto Rad Round	18-22 PSI
ALL30135	Stant/Moto Rad Round	21-25 PSI
ALL30128	Stant/Moto Rad Round	28-32 PSI
*Recovery System Radiator Caps		
ALL30132	Stant/Moto Rad Round	16 PSI
ALL30133	Stant/Moto Rad Round with Lever	16 PSI
ALL30130	Stant/Moto Rad Round with Lever	18-22 PSI
ALL30137	Stant Octagon	21-25 PSI
ALL30131	Stant/Moto Rad Round with Lever	21-25 PSI
ALL30136	Round	22-24 PSI
ALL30129	Round	29-31 PSI
ALL30138	Stant Octagon	38-42 PSI
*Small Diameter Recovery System Radiator Caps		
ALL30124	Stant/Moto Rad (32mm I.D., 16mm deep)	16 PSI
ALL30125	Stant/Moto Rad (32mm I.D., 16mm deep)	19-21 PSI
ALL30126	Stant/Moto Rad (32mm I.D., 16mm deep)	28-32 PSI

***Warning: High-pressure radiator caps are made for use on race vehicles only. Do not use these caps on passenger vehicles with stock-type radiators. It is recommended to pressure test the complete cooling system to the maximum level of pressure indicated on the cap. Failure to test cooling system to the proper pressure prior to installing the cap may result in damage to the cooling system and/or bodily injury.**



COOLING

Radiator Tank Heating Pad [ALL76420](#)

Fasten pad directly to the side of radiator tank to help add heat to your engine on cool nights. 2" x 15" high-temperature silicone heating pad externally pre-heats coolant in the radiator and reduces overall warm up-time.

Note: Additional pads are located in the Engine section for oil pan and oil tank applications to add additional heat to the engine before start-up.

Fan Shrouds

Allows fan to pull more air through the radiator for increased cooling. Aluminum and impact-resistant plastic shrouds fit fans up to 17" diameter. Radiator size reference is based on outside tank dimension. All shrouds are 19" tall.



Part No.	Radiator Size*	Shroud Width	Shroud Depth	Max Fan Dia.
Fits Allstar Radiators				
ALL30107	22"	17-3/8"	9-3/4"	15"
ALL30112	24"	19"	9-3/4"	15"
ALL30109	26"	20-3/4"	9-3/4"	17"
ALL30110	28"	23"	9-3/4"	17"
ALL30115	31"	25-3/4"	9-3/4"	17"
Fits Griffin Radiators				
ALL30106	26"	21-1/8"	11"	17"
ALL30108	28"	23"	11"	17"
ALL30111	31"	26-1/4"	11"	17"
Fits Howe Radiators				
ALL30114	26"	22-1/2"	11"	17"
ALL30116	28"	24"	11"	17"
ALL30111	31"	26-1/4"	11"	17"

*Radiator size reference is based on outside tank dimension.

Aluminum Electric Fan Shrouds



[ALL30062](#)

Aluminum shrouds are designed to work with electric fans mounted as a puller behind the radiator. Special air release flaps allow additional airflow to pass through the core and shroud as the vehicle is moving, and close to allow fan to draw air through the core of the radiator at rest. Dimensions are overall including a 1/2" top and bottom mounting flange.

Part No.	Description
ALL30060	16-3/4" x 18-3/4" Single 16" Fan
ALL30061	18-3/4" x 18-3/4" Single 16" Fan
ALL30062	20-3/4" x 18-3/4" Single 16" Fan
ALL30063	25-3/4" x 18-3/4" Single 16" Fan
ALL30064	25-3/4" x 18-3/4" Dual 12" Fans

Blower Fan Cool Box [ALL30001](#)

Help cool down engine between practice sessions or races. Outside plenum works with Allstar's [ALL30002](#) blower fan, creating a forced air cooling system designed to fit the grill opening of most template body noses. Plenum suspends by straps that attach to the hood pins, allowing the car to be raised for adjustments or maintenance. Assembly required and may need slight trimming due to blower fan variances.

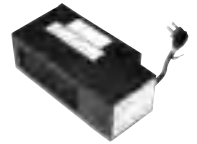


Blower Fan [ALL30002](#)

Compact plastic blower moves up to 300 CFM of air. The quiet electric blower has three speeds and can be adjusted to move cooling air wherever it's needed, up to 30 ft. away. Weighs just 8 lbs. with two built-in receptacles and a 12' long power cord. Optional heater accessory (sold separately) attaches to front of blower and plugs into one of the receptacles to transform blower into a heater.



Part No.	Description
Blower Fan Heater Accessory	
ALL30003	5300 BTU, 115V AC 1400 Watts, Heater with Blower Unit Draws 11.7 Amps, Use with ALL30002 Only, Weight 3 lbs.



Curved Blade Electric Fans

Electric fans require very little amperage and are suitable for use in race car or tow vehicle. Fans are set up as "puller" units, mounted behind the radiator. By flipping blades, reversing wires, and mounting in front of radiator, fans will operate in "pusher" configuration. Each unit includes a mounting kit.

Part No.	Description
ALL30070	10", 775 CFM
ALL30072	12", 925 CFM
ALL30074	14", 1530 CFM
ALL30076	16", 1980 CFM
ALL30085	Replacement Mounting Kit



[ALL30074](#)



STEVE NEEDLES

CALLY BAKER



COOLING

Molded Nylon Fans

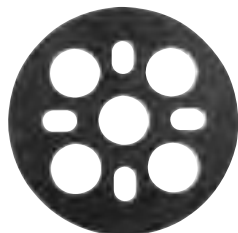
Lightweight 6-blade fans are economical and very durable. Universal bolt pattern with a 5/8" pilot hole.

Part No.	Description
ALL30091	14" Dia.
ALL30092	15" Dia.
ALL30093	16" Dia.
ALL30094	17" Dia.
ALL30095	18" Dia.



Reinforcement Plate for Nylon Fans ALL30079

Plate installs beneath the mounting hardware to strengthen fan mounting location and prevent hardware from damaging the fan.



6-Blade Fans

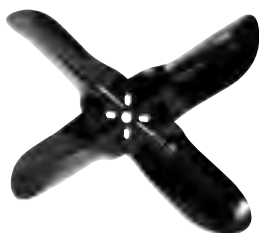
Heavy-duty, 27° 6-blade fans, available with aluminum or steel blades, can move the volume of air needed to keep race engines cool. Universal bolt pattern with a 5/8" pilot hole.

Part No.	Description
ALL30096	15" Dia. Aluminum Blades
ALL30097	17" Dia. Aluminum Blades
ALL30102	15" Dia. Steel Blades
ALL30103	17" Dia. Steel Blades
ALL30100	18" Dia. Steel Blades



GM Style 4-Blade 19" Steel Fan ALL30099

Steel 4-blade 19" fan is a direct replacement for the popular GM 4-blade fan. Fan features a 60° blade design, a universal bolt pattern with a 5/8" pilot hole and weighs approximately 3 lbs. Small diameter flat washers included for proper installation.



Tech Tip:

This four-blade fan was originally designed for use in O.E. production vehicles. When this fan is used in high-performance applications it is recommended that fan and mounting fasteners be inspected as a part of regular vehicle maintenance.

4-Blade Steel Fans

Steel high-RPM fans are available in 15", 18", or 19". All have a universal bolt pattern with a 5/8" pilot hole. Riveted reinforcement plate adds strength and high-pitch 32° blades increase airflow. Painted black to resist corrosion.

Part No.	Description
ALL30104	15" Dia.
ALL30105	18" Dia.
ALL30101	19" Dia.



Fan Spacer Kits

Fan spacers position fan closer to radiator or fan shroud and away from pulleys. The 1-1/2" and larger spacers have a unique design that allows spacer to remain bolted to water pump while changing fans. Aluminum spacers include 3/4" to 5/8" water pump shaft reducer bushing, four Allen bolts to secure spacer to water pump and four hex bolts with washers to secure fan to spacer. Spacers work with 1-3/4" bolt circle flanges only.



Part No.	Description
ALL30180*	1/2"
ALL30182*	1"
ALL30184	1-1/2"
ALL30186	2"
ALL30188	2-1/2"
ALL30190	3"
ALL30192	3-1/2"
ALL99027	Replacement Reducer Bushing (5/8" to 3/4")

*Includes one set of four bolts for fan and spacer installation

Aluminum SB Chevy "Short Style" Water Pump ALL31100

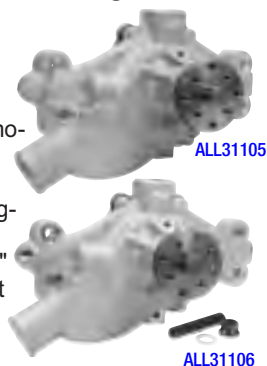
Popular "short-style" water pump that was originally used on pre-1969 small block Chevrolets. Pumps are built using all new components and an aluminum body for added weight savings over original cast iron pumps. Pump features a 3/4" main shaft and bearings with a 5/8" pilot and a billet steel hub drilled for both small and large fan bolt patterns, making this a good choice for street and mild performance vehicles. Block mount to fan hub dimension is 5-5/8". **This pump is not recommended for use with mechanical fans over 5,000 RPM.** Above this RPM, use the ALL31105 pump with a 3/4" shaft/bearing.



Note: Water pump may need to be clearanced for use with 8" dampers.

Aluminum SB Chevy "Corvette Style" Water Pumps

This aluminum version of "Corvette style" water pump was originally used on 1971-82 small block Chevrolet Corvette, but is now used throughout the motorsports industry. Pump is built using all new components and an aluminum body for added weight savings over original cast iron pumps. Pump features a 3/4" main shaft and bearings with a 3/4" pilot and a billet steel hub that has a set screw retainer for use on higher RPM applications. Block mount to fan hub dimension is 5-13/16".



Part No.	Description
ALL31105	Water Pump
ALL31106	Water Pump with 3/8"NPT Bypass Ports and Cam Stop Hardware

Note: Water pumps may need to be clearanced for use with 8" dampers.

Water Pump Cam Stop Kit ALL99415

Water pump cam stop kit includes a 2" long 3/8"-24 threaded stud, washer, and nut to replace or add a cam stop bolt to a water pump equipped with a stud mounting boss. Stud can be tightened against timing cover when cam buttons are used to help prevent "cam walk".





COOLING

Water Pump Spacer Kits

Kits provide additional clearance needed for belt or gear drive timing systems. Gaskets are included.

Part No.	Description
ALL31070	1/8"
ALL31071	1/4"
ALL31072	3/8"
ALL31073	1/2"
ALL87230	Replacement Gaskets

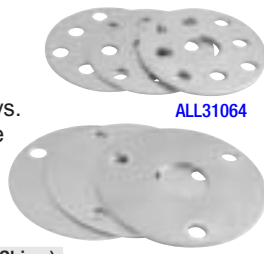


ALL31072

Pulley Shim Kits

Use shim kits to properly align pulleys. Water pump shims have dual bolt hole pattern to fit most GM and Ford water pumps. Crank pulley spacers are for small block Chevys.

Part No.	Description
ALL31064	Water Pump, 1/16", 1/16", 1/8" (3 Shims)
ALL31066	Crankshaft, 1/16", 5/64", 1/8" (3 Shims)



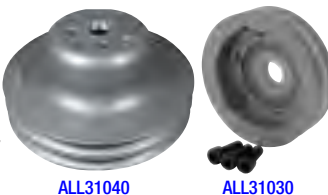
ALL31064

ALL31066

Aluminum SB Chevy Reduction Pulleys

Specifically for short or Corvette water pumps, pulleys work with power steering pump and pulley to provide a ratio within the GM specified RPM range. Race engine RPM differs greatly from street engines. For 30% less water pump speed and reduced weight and inertia, the crankshaft and water pump pulleys are smaller in diameter than standard reduction pulleys. Acceleration capabilities are greatly enhanced.

Part No.	Description
ALL31030	Crankshaft Pulley (4-3/4" Diameter)
ALL31040	Water Pump Pulley, Short Pump with 5/8" Pilot Hole (6-5/8" Dia.)
ALL31050	Water Pump Pulley, Corvette Pump with 3/4" Pilot Hole (6-5/8" Dia.) Belts
ALL86120	Belt, Crank to Water Pump, 31.5"
ALL86122	Belt, Crank/Water Pump/Block Mount P/S Pump, 39"
ALL86124	Belt, Crank/Water Pump/Head Mount P/S Pump, 42"



ALL31040

ALL31030

Note: Crankshaft pulley will work with either water pump pulley without spacers.

SB Chevy 1:1 Ratio Pulley Kits

Double-groove aluminum pulley kits feature 6-5/8" diameter pulleys and include common 15/32" V-belts to work with block or head mounted Allstar power steering kits. Pulley kits are designed to work with short-style water pumps with a 5/8" shaft that measure 5-5/8" from block mount to hub face. Components also sold separately.

Part No.	Description
ALL31080	Kit for Block Mount Power Steering Pump
ALL31082	Kit for Head Mount Power Steering Pump
ALL31083	Kit for No Power Steering



ALL31080

Related Parts

ALL31084	1:1 Crank Pulley (6-5/8")
ALL31085	1:1 Water Pump Pulley (6-5/8")
ALL86121	Belt, Crank to Water Pump, 34"
ALL86123	Belt, Crank/Water Pump/Block Mount P/S Pump, 41"
ALL86125	Belt, Crank/Water Pump/Head Mount P/S Pump, 44"

SB Chevy 1:1 Ratio Reduction Pulley Kits

Premium 1:1 pulley kits feature 4-3/4" diameter pulleys with 1/2" wide grooves for use with industrial grade belts. The increased belt width helps reduce belt slippage when used with high performance mechanical fans. The small diameter pulley combination provides a 30% RPM reduction when using a power steering pump with a 6" pulley.

Note: Pulleys are designed to use with short "Corvette Style" 3/4" shaft water pump (ALL31105 or ALL31106).



Power Steering Pulley Sold Separately

ALL31090

Part No.	Description
ALL31090	Kit for Block Mount Power Steering Pump
ALL31092	Kit for Head Mount Power Steering Pump
ALL31093	Kit for No Power Steering

Replacement Parts

ALL31094	1:1 Crank Pulley (4-3/4")
ALL31095	1:1 Water Pump Pulley (4-3/4")

V-Belts

Premium quality V-belts are perfect replacements for worn or cracked belts.

Part No.	Description
ALL86120	31.5"
ALL86121	34"
ALL86122	39"
ALL86123	41"
ALL86124	42"
ALL86125	44"



Performance V-Belts

Industrial grade V-belts are slightly wider than standard V-belts and are used with the Allstar reduction style 1:1 pulley kits with 1/2" wide pulley grooves. The wider contact area helps reduce slippage when using high-performance mechanical fans.

Note: These will not work with standard width pulleys that are designed for 7/16" wide V-belts.

Part No.	Description
ALL86127	29"
ALL86128	37"
ALL86129	41"



Crank Pulley Mandrel Kit ALL31031

Kit prevents mandrel bolt breakage and is made specifically for use with Allstar ALL31030 crank pulley. Mandrel is attached to the crankshaft pulley with three bolts, while the vibration damper is retained with the stock bolt. The mandrel bolt is then connected to the mandrel – not to the crankshaft – to reduce engine harmonics (helps prevent loosening or breaking). Kit includes spacers, pulley guides, and bolts to work effectively with most 3-, 4-, and 5-stage dry sump pumps, alone or with belt-driven fuel pumps. Pulleys sold separately.

Part No.	Description
ALL31032	Crank Pulley Mandrel
ALL31033	Mandrel End Washer
ALL31034	Stepped Washer
ALL31035	Pulley Guide
ALL31036	Mandrel Keyway, 1/8"
ALL31037	Mandrel Bolt, 5/16"-18 x 1" (3-Pack)
ALL31038	Mandrel End Bolt, 1/2"-13 x 4"





COOLING

Mandrel Spacers

Aluminum spacers properly space and align pulleys when used with a 1/8" keyed mandrel. The same spacers are found in the [ALL31031](#) Mandrel Kit. Sold each.

Part No.	Description
ALL31020	1/4" Thick Spacer
ALL31022	1/2" Thick Spacer
ALL31024	3/4" Thick Spacer
ALL31026	1" Thick Spacer
ALL31028	1-1/4" Thick Spacer



Gilmer Belts

1" wide, assorted lengths.

Part No.	Description
ALL86130	21.0"
ALL86132	22.5"
ALL86134	24.0"
ALL86136	25.5"
ALL86138	27.0"



TECH TIP

Belt Tension - Gilmer-style belts are properly tensioned when belt can be twisted 1/2 turn.

Polished Water Necks

Aluminum water necks fit most Chevrolet V8's. Two-piece design necks swivel 360° to accommodate LH and RH radiator inlets. An O-ring seal and two chrome-plated socket-head cap screws are included.

Part No.	Description
ALL30170	90° Neck
ALL30173	75° Neck
ALL30171	45° Neck
ALL30172*	Straight Neck

Related Parts:

[ALL99136](#) Replacement O-Ring

* **One-Piece Fixed Neck.**



SB Ford Chrome Plated Water Neck [ALL30174](#)

Cast aluminum 45° water neck fits small block Ford. Includes an O-ring for sealing the base flange and two hex-head bolts.



Billet Aluminum Swivel Water Necks

Billet aluminum water necks fit most Chevy V8's, accept most standard thermostats, and swivel a full 360° to simplify connection of LH or RH radiator hoses to engine. Black anodized finish helps protect against corrosion. Stainless steel hardware and an O-ring for sealing the base of the water neck to engine are included.

Part No.	Description
ALL30370	1-1/2"
ALL30371	1-3/4"
ALL30372	-16AN
ALL30373	-20AN



Billet Water Neck Spacer [ALL30375](#)

Billet aluminum spacer fits between intake manifold and water neck, providing connection options for temperature senders or additional water lines. 1" tall spacer fits most Chevy V8's. Includes four 1/2"NPT ports with plugs and an O-ring seal on one side, eliminating the need for a gasket.



Water Outlet Restrictor Kit [ALL30241](#)

Restrictor replaces the thermostat to control the flow of water through the cooling system. Kit contains three 2-1/8" O.D. aluminum restrictors with 5/8", 3/4", and a 1" center I.D. hole that fit most GM V8 or V6 and SB Ford water outlets.



Aluminum Radiator Hose Restrictor [ALL30242](#)

Lower radiator hose restrictor helps keep the water in your radiator longer to improve cooling. Machined aluminum restrictor has a 5/8" I.D. and will fit into most 1-3/4" radiator outlets or radiator hose.



Upper Radiator Hose Kit for Modifieds [ALL30260](#)

Upper hose kit eliminates the concern of the upper hose collapsing and fits a variety of radiator widths. 1-1/2" hose kit includes a 90° steel tube and two silicone hoses. Designed for use on UMP/IMCA-type Modifieds.



Radiator Hose I.D. Reducer [ALL30240](#)

Rubber reducer allows a lower radiator hose with a molded-in spring to be used as an upper radiator hose. In continuous high-RPM applications, the upper hose can collapse limiting coolant flow. Upper hoses with an internal spring support can also collapse if the spring is drawn into the radiator tank. Reducer fits inside 1-3/4" lower radiator hoses which have molded-in reinforcement springs and reduces the I.D. from 1-3/4" to 1-1/2".



Radiator Hoses

Two-ply coolant hose is flexible and adapts to a variety of applications. Abrasion-resistant cover will not crack or harden.

Part No.	Description
1-1/2" Dia. Upper Hose	
ALL30200	12"
ALL30202	14"
ALL30204	15-1/2"
ALL30206	17"
ALL30208	20"
ALL30210	22"
ALL30212	25"
ALL30214	30"
1-3/4" Dia. Lower Hose	
ALL30220	11"
ALL30222	13-1/2"
ALL30224	16-1/2"
ALL30226	19"
ALL30228	23-1/2"
Hose Clamps (2-Packs):	
ALL18334	Clamps, Upper Hose
ALL18336	Clamps, Lower Hose



TYLER ROAHRIG



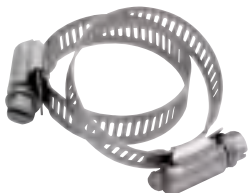
COOLING

Hose Clamps

Heavy-duty all stainless steel clamps are easily tightened with a deep-slot hex-head screw. Superior to standard hardware store clamps. For best connection, select the clamp which fits within the range of hose O.D.

Part No.	Min Hose O.D.	Max Hose O.D.
2-Pack		
ALL18330	1/4"	5/8"
ALL18332	1/2"	1-1/8"
ALL18334	1"	2"
ALL18336	1-5/16"	2-1/4"
ALL18338	1-9/16"	2-1/2"
ALL18340	1-5/8"	3-1/2"
ALL18342	2-5/8"	4-1/2"

10-Pack		
ALL18330-10	1/4"	5/8"
ALL18332-10	1/2"	1-1/8"
ALL18334-10	1"	2"
ALL18336-10	1-5/16"	2-1/4"
ALL18338-10	1-9/16"	2-1/2"



Power Grip Clamps

Gates Power Grip Clamps seal when heated with a standard heat gun, forming a tight band around standard rubber and silicone coolant hoses to provide a secure connection, even under harsh race conditions. Installed clamps provide a smooth, flush fit around hoses and eliminate exposed sharp edges associated with standard hose clamps. Select the band clamp which fits within the range of hose O.D. for best connection. Sold each.

Part No.	Min Hose O.D.	Max Hose O.D.
ALL30250	1/2"	11/16"
ALL30251	11/16"	13/16"
ALL30252	13/16"	15/16"
ALL30253	15/16"	1-1/16"
ALL30254	1-1/16"	1-3/16"
ALL30255	1-3/16"	1-1/2"
ALL30256	1-1/2"	1-3/4"
ALL30257	1-3/4"	2"
ALL30258	2"	2-1/4"



Note: Clamps are not designed for use with flammable liquids or fuel line connections.

Expansion Tanks

Aluminum expansion tanks are commonly mounted as the highest point of the cooling system and used as a fill point on vehicles that have a low-mounted radiator or when the fill point on the radiator is not accessible. The 1/2"NPT bottom supply fitting is commonly connected to the low-pressure side of the cooling system and the return fitting is connected to a port located high on the engine to help release any air trapped in the system. Tanks feature a machined filler neck to accept most standard radiator caps and a 1/8"NPT port for connecting to an overflow tank.

Part No.	Description
ALL36115	Tank with Attached Mounting Bracket 28-oz. Capacity with a 3/8"NPT Return Fitting
ALL36116	Tank with Separate Mounting Bracket 20-oz. Capacity with a 1/4"NPT Return Fitting



Plastic Overflow Tanks

Plastic tanks have a one-quart capacity and help prevent coolant from spilling onto the ground. Tanks have swivel fittings that accept 5/16" overflow hose and have 1/4"-20 molded inserts for easy mounting.

Part No.	Description
ALL36154	Tank with Drain Valve (Non-Recovery)
ALL36155	Tank with 90° Fitting (Recovery)



Overflow Tank Brackets

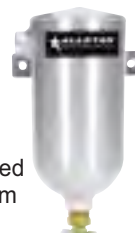
Billet aluminum bracket mounts most popular plastic overflow tanks to round chassis tubing and pivot to any angle. Tank mounting holes accept 1/4" fasteners and are slotted to fit tanks with mounting holes between 3-1/2" to 4" CTC.

Part No.	Description
ALL14200	Bracket for 1-1/2" Tubing
ALL14201	Bracket for 1-3/4" Tubing



Overflow Tank ALL36112

Aluminum tank has a 3/8"NPT bung on the side and a 1/2"NPT bung on the bottom that includes fitting and petcock. 1-quart capacity tank can be used in many forms of competition and is mandated by most sanctioning bodies to prevent coolant from spilling on the racing surface.



Petcock ALL99030

Replacement petcock for Allstar breather and overflow tanks is also perfect for draining coolant from engines. 1/4"NPT threads.



Overflow Nozzles

Aluminum nozzle acts as a signal to the driver to indicate a possible overheating condition as the cooling system pushes out water. Nozzle with threaded body mounts in a body panel outside the drivers compartment and is available with a 1/4" barb or a -4AN male fitting.

Part No.	Description
ALL30178	Nozzle with 1/4" Barb Fitting
ALL30179	Nozzle with -4AN Male Fitting



Radiator Overflow Fitting ALL99312

Commonly used fitting threads into the filler neck on most radiators, allowing connection to an overflow tank. Aluminum fitting has 1/8"NPT threads and accepts a 5/16" hose.



Overflow Hose

Overflow hose, also referred to as fuel line is reinforced to help prevent kinking and is rated up to 50PSI. Size indicated is I.D. of hose.

Hose I.D.	3' Length	25' Length
1/4"	ALL40350	ALL40351
5/16"	ALL40353	ALL40354
3/8"	ALL40356	ALL40357



Water Pressure Warning Kit ALL80250

Warning kit senses pressure in the cooling system and alerts driver of a problem when coolant pressure drops below 4 PSI. In the event of coolant loss (i.e. blown radiator hose), the temperature gauge probe is no longer surrounded by coolant to detect the engine temperature. This will lead to a false temperature gauge reading and major engine damage.





COOLING

Temperature Gauge Probe Adapters

Aluminum adapters are a nice upgrade from brass adapters and feature a longer length for use in shallow applications when the mechanical temperature gauge probe may contact the inside of a cylinder head or intake manifold. Extra length of fitting will still allow end of probe to protrude into the coolant for accurate readings.



Part No.	Description
ALL50203	3/8"NPT
ALL50204	1/2"NPT

Mechanical Gauges

Allstar Performance 2-5/8" mechanical gauges feature a full 270° sweeping needle, silver-faced background, black bezel, and are backlit for easy reading, even in low light conditions. Perfect for building custom dash panels or when adding mechanical gauges to replace existing gauges or warning lights.



See Page 51/52 for a Complete Listing of Gauges and Gauge Panels.

ELECTRICAL, GAUGES, & IGNITION

Primary Wire

Single-conductor stranded copper wire with polyvinyl insulation remains flexible and is abrasion resistant. Stranded copper is the wire of choice for many projects when building custom wire harnesses or adding accessories.



20AWG

Used for low-voltage sensors, indicator lights, instrument panel or dash lighting.

Color	50' Coil	100' Spool
Red	ALL76500	ALL76510
Black	ALL76501	ALL76511
White	ALL76502	ALL76512
Green	ALL76503	ALL76513
Yellow	ALL76504	ALL76514
Brown	ALL76505	ALL76515
Blue	ALL76506	ALL76516



14AWG

Most popular when fabricating harnesses for general use including lighting of headlights, taillights and brake lights, ignition systems, and interior accessories such as radios, interior fans, and gauge panels.

Color	20' Coil	100' Spool
Red	ALL76540	ALL76550
Black	ALL76541	ALL76551
White	ALL76542	ALL76552
Green	ALL76543	ALL76553
Yellow	ALL76544	ALL76554
Brown	ALL76545	ALL76555
Blue	ALL76546	ALL76556

12AWG

Wire can be used to supply power to ignition boxes, cooling fans, fuel pumps, and other higher amperage accessories including power to electric trailer brakes.

Color	12' Coil	100' Spool
Red	ALL76560	ALL76565
Black	ALL76561	ALL76566
White	ALL76562	ALL76567
Blue	ALL76563	ALL76568

10AWG

Commonly used for higher amperage applications including alternator charging wire and supplying power to trailer for interior lighting or charging trailer batteries when utilizing tow vehicle charging system.

Color	10' Coil	75' Spool
Red	ALL76570	ALL76575
Black	ALL76571	ALL76576
White	ALL76572	ALL76577

Wire and Cable Cutters ALL11003

Capable of cutting stranded copper wire from 20-gauge primary wire to 1/0-gauge battery cable. These specially designed cutters will not flatten wire during cutting, which is helpful when installing connectors and building battery cables. Cutters are not designed to cut steel wire.



Heat Sleeve

High-temperature silicone-coated fiberglass sleeving is non-flammable and resists temperatures up to 500°F. An excellent choice for protection of fuel lines, wiring, cables, and various similar uses. Sleeving is resistant to gasoline and many other chemicals. Sold in 3' lengths. Size referenced is sleeve I.D. or O.D. of hose to be covered.

Part No.	Description	Part No.	Description
ALL34280	1/4" Red	ALL34290	1/4" Black
ALL34282	1/2" Red	ALL34292	1/2" Black
ALL34284	3/4" Red	ALL34294	3/4" Black
ALL34285	7/8" Red	ALL34295	7/8" Black
ALL34286	1" Red	ALL34296	1" Black



Braided Wire Wrap

Split-loom braided wrap is easily applied over existing hoses or wiring to conceal and protect against wear or abrasion. Wrap features a 25% overlap based on the nominal size listed, allowing the wrap to bend and flex without opening. Wrap is constructed of polyethylene material, heat resistant up to 250°F, and is easy to cut with a hot knife or a soldering iron with knife attachment.

Part No.	Description
ALL76610	1/8" x 20'
ALL76612	1/4" x 15'
ALL76614	1/2" x 10'
ALL76616	3/4" x 5'
ALL76618	1" x 10'



Spiral Wire Loom

Loom keeps wiring bundled together for a neat appearance and can be easily removed when adding or removing wires during wiring harness changes. Open design makes identifying or locating a wire simple and will not hold dirt and moisture like solid looms. Loom also provides abrasion resistance to protect wiring or hoses. High-density polyethylene material is rated from -30°F to 165°F and sold in 10' lengths.

Part No.	Description
ALL76600	1/4"
ALL76602	1/2"
ALL76604	3/4"





ELECTRICAL, GAUGES, & IGNITION

Weather Pack Kits

Kits include a variety of tower housings, shroud housings, seals and terminals to build 1, 2, 3, 4, and 6-pin connectors for standard 16-14 gauge wire. Kits also include a pin removal tool and convenient carrying case.

Part No.	Description
ALL76260	Weather Pack Starter Kit
ALL76262	Weather Pack Master Kit

Quantity	Quantity	Description
ALL76260	ALL76262	
1	3	1-Pin Tower Housing
1	3	1-Pin Shroud Housing
2	4	2-Pin Tower Housing
2	4	2-Pin Shroud Housing
1	3	3-Pin Tower Housing
1	3	3-Pin Shroud Housing
1	2	4-Pin Tower Housing
1	2	4-Pin Shroud Housing
1	2	6-Pin Tower Housing
1	2	6-Pin Shroud Housing
40	100	Seals (50% Blue/50% Green)
40	100	Terminal Pins 16-14GA (50% Male/50% Female)
1	1	Pin Removal Tool
1	1	Carrying Case

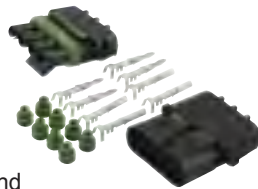


ALL76262

Weather Pack Connector Individual Kits

Weather pack connectors are designed for harsh weather conditions. Originally used by top vehicle manufacturers, the reliability of these connectors has been proven for years and they have become common in many applications requiring a weather-proof connection. Snap-lock feature assures positive connection and allows connector to be easily separated as needed. Connectors are rated up to 20A at 12V DC and include tower housing, seals, and terminals for standard (16-14 gauge wire).

Part No.	Description
ALL76265	1-Wire
ALL76266	2-Wire
ALL76267	3-Wire
ALL76268	4-Wire Flat
ALL76269	4-Wire Square
ALL76270	6-Wire



Weather Pack Individual Components

Terminals and Seals, 10-Packs

Gauge	Tower (Female)	Shroud (Male)	Seal Part No.
22-20	—	—	ALL76280 (Purple)
20-18	ALL76272	ALL76275	ALL76281 (Green)
16-14	ALL76273	ALL76276	ALL76282 (Gray)
12	ALL76274	ALL76277	ALL76283 (Blue)

Part No.	Description
ALL76284	Seal Plug, 10-Pack



Housings, Each

Description	Tower (Female)	Shroud (Male)
1-Pin	ALL76288	ALL76289
2-Pin	ALL76290	ALL76291
3-Pin	ALL76292	ALL76293
4-Pin	ALL76294	ALL76295
4-Pin Square	ALL76296	ALL76297
6-Pin	ALL76298	ALL76299



Weather Pack Terminal Tool

ALL76264

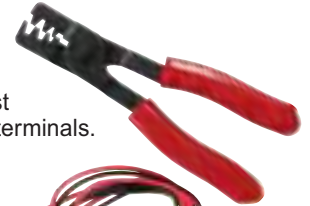
Tool removes male and female pin terminals from weather pack connectors without damage.



Weather Pack Pliers

ALL76221

Weather pack pliers will crimp most popular 22-10 gauge non-insulated terminals. 8" overall length.



Test Leads with Alligator Clips

ALL76216

30" long test leads are color coded red and black. Clips are 5 amp rated.



Universal Wire Connectors

Molded connectors include a male and female end, joined by a loop of 16-gauge primary wire which may be cut to length. Useful for switch and gauge panels or accessories that are disconnected frequently.

Part No.	Description
ALL76231	One Wire with 12" Loop
ALL76232	Two Wire with 12" Loop
ALL76233	Three Wire with 48" Loop
ALL76234	Four Wire with 48" Loop
ALL76235	Five Wire with 48" Loop



HEI Connectors

The proper connector when repairing or wiring HEI ignition systems. Connectors have a built-in retaining clip same as originals to secure connector to ignition cap. The included pigtail wires are also the correct gauge for easy installation.

Part No.	Description
ALL81214	12V Ignition Connector
ALL81215	Tach Connector



Line Clamps

Aluminum clamps have a protective neoprene cushion to prevent abrasion and a 1/4" mounting hole to secure electrical wiring, hoses, or cables to a panel or frame.

Black nylon clamps have a 3/16" mounting hole to secure electrical wiring, hoses, or cables to a panel or frame.



Clamp Size	Aluminum		Nylon	
	10-Pack	50-Pack	10-Pack	50-Pack
1/8"	—	—	ALL18309	ALL18309-50
3/16"	ALL18300	ALL18300-50	ALL18310	ALL18310-50
1/4"	ALL18301	ALL18301-50	ALL18311	ALL18311-50
3/8"	ALL18302	ALL18302-50	ALL18312	ALL18312-50
1/2"	ALL18303	ALL18303-50	ALL18313	ALL18313-50
5/8"	ALL18304	ALL18304-50	ALL18314	ALL18314-50
3/4"	ALL18305	ALL18305-50	ALL18315	ALL18315-50
7/8"	ALL18306	ALL18306-50	—	—
1"	ALL18307	ALL18307-50	ALL18317	ALL18317-50
1-1/4"	ALL18308	ALL18308-50	—	—



ELECTRICAL, GAUGES, & IGNITION

Storage Cases

These handy storage cases help organize many items around the shop, trailer or home such as electrical connectors, quick-turn fasteners, tire groover blades, small fasteners, and many more items. Curve bottomed compartments create a smooth scoop, making it easy to remove the smallest of items. Molded-in dividers prevent items from slipping under dividers and accidentally mixing product.



ALL14360	ALL14361	ALL14365	ALL14366
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Part No.	Description
ALL14360	Plastic Case 15 Compartment, 11" x 7" x 1-3/4"
ALL14361	Plastic Case 18 Compartment, 11" x 7" x 1-3/4"
ALL14365	Metal Case 21 Compartment, 9-1/2" x 13-1/2" x 2"
ALL14366	Metal Case 24 Compartment, 9-1/2" x 13-1/2" x 2"

Wire Terminal Kit ALL76224

A 100-piece terminal kit with a generous supply of the most commonly used connectors for automotive wiring. A sturdy plastic case with divided compartments helps keep connectors organized.



Each Kit Includes:

22-18 ga.	16-14 ga.	12-10 ga.
(10) Butt Connectors	(10) Butt Connectors	(10) Butt Connectors
(8) Ring Terminals #6	(10) Ring Terminals #10	(8) Ring Terminals #10
(8) Ring Terminals #8	(8) Ring Terminals 1/4"	(7) Ring Terminals 3/8"
—	(7) Female Blade	—
—	(7) Male Blade	—
—	(7) Spade	—

Ratcheting Crimp Pliers ALL76220

Perform professional quality crimps on most standard electrical connectors. Pliers include jaws for 22-18, 16-14, and 12-10 gauge connectors and are easily compressed with help from the ratcheting mechanism which releases when connector is fully crimped.



Electrical Tape ALL14280

Protect electrical connections and secure wires. 3/4" x 60' roll. UL approved.



Terminal Connectors

Crimp-style connectors work great when building custom wire harnesses or making repairs to existing wiring. Tin-plated copper terminals are available in a variety of types and sizes.



Non-insulated terminals are designed to be crimped but may also be soldered for a more secure complete connection. Often used with separate heat shrink that is applied after connection is made. Package of 20.

Non-Insulated Terminals		22-18	16-14	12-10
Butt Connectors	#6 Hole	ALL76000	ALL76010	ALL76020
	#8 Hole	ALL76001	ALL76011	ALL76021
	#10 Hole	ALL76002	ALL76012	ALL76022
	1/4" Hole	ALL76003	ALL76013	ALL76023
	5/16" Hole	ALL76004	ALL76014	ALL76024
Ring Terminals	3/8" Hole	ALL76005	ALL76015	ALL76025
	Male 1/4"	ALL76006	ALL76016	ALL76026
	Female 1/4"	ALL76007	ALL76017	ALL76027
Blade Terminals		ALL76008	ALL76018	ALL76028



Vinyl-insulated terminals are the most popular crimp terminal used in a variety of applications. PVC-insulated sleeve is securely attached to terminal and has a flared end for easy installation. Package of 20.

Vinyl Insulated Terminals		22-18	16-14	12-10
Butt Connectors	#6 Hole	ALL76030	ALL76040	ALL76050
	#8 Hole	ALL76031	ALL76041	ALL76051
	#10 Hole	ALL76032	ALL76042	ALL76052
	1/4" Hole	ALL76033	ALL76043	ALL76053
	5/16" Hole	ALL76034	ALL76044	ALL76054
Ring Terminals	3/8" Hole	ALL76035	ALL76045	ALL76055
	Male 1/4"	ALL76036	ALL76046	ALL76056
	Female 1/4"	ALL76037	ALL76047	ALL76057
Blade Terminals		ALL76038	ALL76048	ALL76058



Heat-shrink terminals protect connections from corrosion. Terminals with attached shrink tube are adhesive lined to grip wire insulation and conform to crimp when heated, sealing out moisture. Package of 10.

Heat-Shrink Terminals		22-18	16-14	12-10
Butt Connectors	#6 Hole	ALL76060	ALL76070	ALL76080
	#8 Hole	ALL76061	ALL76071	ALL76081
	#10 Hole	ALL76062	ALL76072	ALL76082
	1/4" Hole	ALL76063	ALL76073	ALL76083
	5/16" Hole	ALL76064	ALL76074	ALL76084
Ring Terminals	3/8" Hole	ALL76065	ALL76075	ALL76085
	Male 1/4"	ALL76066	ALL76076	ALL76086
	Female 1/4"	ALL76067	ALL76077	ALL76087
Blade Terminals		ALL76068	ALL76078	ALL76088



ELECTRICAL, GAUGES, & IGNITION

Heat Shrink Tubing

Single-wall tubing is placed over wiring and electrical connectors to seal and strengthen electrical connections. Tubing is pre-cut to 6" and has a 2:1 shrink ratio, meaning tubing shrinks to approximately half the size when heat is applied using a heat gun or other heat source.



Part No.	Description
Heat Shrink Assortment Kit	
ALL76160	Includes 9 pcs. of 1/8" and 3/16", 6 pcs. of 1/4" and 3 pcs. each of 3/8" and 1/2"
Individual Sizes (Pack of 20)	
ALL76162	1/8"
ALL76163	3/16"
ALL76164	1/4"

Grommet Set **ALL18360**

Grommets are perfect for protecting wiring and hoses that pass through panels up to 1/16" (.062") thick. Kit includes 36 grommets (6 of each size: 1/4", 5/16", 3/8", 1/2", 5/8", and 11/16"). Grommets are also available in size-specific 10-packs.

Part No.	Grommet Hole I.D.	Panel Hole I.D.
ALL18362	3/16"	5/16"
ALL18363	1/4"	3/8"
ALL18364	5/16"	7/16"
ALL18365	3/8"	1/2"
ALL18366	1/2"	5/8"
ALL18367	5/8"	7/8"
ALL18368	11/16"	1"

ALL11041



6-Circuit Fuse Block **ALL76180**

This fuse block is a great power distribution starting point for up to six individual circuits which are protected by ATC/ATO style fuses (sold separately). Block features a #10 power supply and six 1/4" male spade terminals for individual circuit connections. Fuse block is rated at 150 amps at 12 volts, maximum of 25 amps per circuit.

Fuses not included.



Fuse Terminals

Terminals attach to cartridge-style fuses installed in fuse blocks to create an additional circuit to power accessories. Terminals slide over the protected leg or "fused" side (side of fuse block that does not have power when fuse is removed) of the fuse. Package of 5.



Part No.	Description
ALL76090	Mini Fuse Style Terminal
ALL76091	ATC/ATO Fuse Style Terminal

Buss Bars

Buss bars create a remote power source for powering multiple accessories. Bar features a 1/4" power supply stud and 12 separate #8 connections. Insulated base measures 5-1/4" x 1-1/8" wide and can be mounted with two #10 (3/16") fasteners. Bars include a removable protective cover and power supply boot. Protective covers are sold separately.



Part No.	Description
ALL76170	Red Buss Bar Kit
ALL76171	Replacement Red Protective Covers
ALL76172	Black Buss Bar Kit
ALL76173	Replacement Black Protective Covers

Junction Block **ALL76146**

Junction block with single 3/8" stud offers a location to power multiple accessories from one power supply or a common place to locate ground wires. Block features two mounting holes for #8 fasteners for installation on firewall or panel.



30-Amp Circuit Breaker **ALL76212**

Circuit breaker protects electrical circuits similar to fuses but will cool and self-reset to maintain power to critical items such as headlights or ignition systems. Use circuit breaker to power accessories in a race car and to keep constant power to ignition. Steel case and mounting bracket provide durability and ease mounting to panels. #10-32 threaded stud terminals include nuts and lock washers.



30-Amp Relays

Relays are commonly used to control higher amperage components such as electric fuel pumps, cooling fans or water pumps rated up to 30 amps. Relays allow the use of a lower amp switch to turn on or control a component with a higher amp draw. A connector with a wiring harness and installation instructions are included.

Part No.	Description
ALL76186	Standard Relay
ALL76188	Weatherproof Relay



Brake Pressure Safety Switch **ALL76255**

Brake pressure switch is wired into the ignition system and kills power to ignition when a sudden spike in brake pressure is sensed in the event of an accident or emergency. Switch has an adjustable cut-off pressure from 700-1900 PSI and resets automatically when brakes are released. A weatherproof cover protects the inner adjustment screw and seals the 18" long pigtail leads. 1/8"NPT male threads.



Battery Boxes

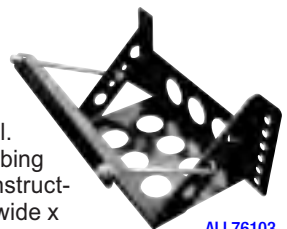
Universal, lightweight steel battery boxes may be welded or bolted to the frame. Boxes are available in two sizes and include hold-down hardware.

Part No.	Description
ALL76100	Full Size, 12" Wide x 7-1/4" Deep
ALL76101	Short Style, 10" Wide x 7-1/4" Deep



Bolt-On Battery Boxes

Battery box has multiple 1/2" mounting holes to bolt box directly to the frame rail, inner fender, or firewall. Box can also be fastened to round tubing using clamp-on ballast brackets. Constructed of 13-gauge steel, measures 11" wide x 7" deep and includes 3/8" battery hold down hardware.



Part No.	Description
ALL76102	Clear Zinc
ALL76103	Black



ELECTRICAL, GAUGES, & IGNITION

Battery Cable Kits

Kits have everything needed to connect a top post-style battery to starter and include fine-stranded, rope-lay copper cable for best current carrying capabilities. Kits are offered with traditional red and black cables or all black cables.



ALL76110

Single Battery Kits Include:

- 15' Positive Battery Cable
- 2' Negative Battery Cable
- 1 Pair Battery Terminals
- 8 Pcs. Ring Terminals (4) 5/16" & (4) 3/8"
- 8 Pcs. Heat Shrink Tubing

Part No.	Description
ALL76110	2-Gauge Cable Kit with Red and Black Cables
ALL76111	2-Gauge Cable Kit with All Black Cables
ALL76114	4-Gauge Cable Kit with Red and Black Cables
ALL76115	4-Gauge Cable Kit with All Black Cables

Dual Battery Kits Include:

- 25' Positive Battery Cable
- 8' Negative Battery Cable
- 2 Pair Battery Terminals
- 14 Pcs. Ring Terminals (7) 5/16" & (7) 3/8"
- 14 Pcs. Heat Shrink Tubing

Part No.	Description
ALL76112	2 Gauge Cable Kit with Red and Black Cables
ALL76113	2 Gauge Cable Kit with All Black Cables

Solder Slugs

Use solder slugs to secure ring terminal ends to battery cable. Individual pieces are the correct amount of solder to be used for each size of cable. Package of 10.



ALL76131

Part No.	Description
ALL76131	Slug for 2-Gauge Terminals
ALL76132	Slug for 4-Gauge Terminals

Ring Terminals

Use to repair or build custom-length battery cables, or when installing a battery disconnect switch. Terminals may be crimped or soldered to wire. Sold in pairs with heat-shrink sleeving for a waterproof connection.



Wire Size	5/16" Hole	3/8" Hole	1/2" Hole
2 Gauge	ALL76116	ALL76117	ALL76128
4 Gauge	ALL76118	ALL76119	ALL76129

Impact Crimper ALL76135

Excellent for permanently crimping standard cable ends to battery cables.



Ground Stud ALL76147

Steel ground stud welds to round tubing to provide a secure location for mounting a negative battery cable. Weld stud directly to the chassis or create a secure ground wire location in the foot box or engine compartment. Stud accepts battery cables with 3/8" ring terminals.



WARNING PROP. 65 (See Below)

Gold Battery Terminals

Terminals are machined from solid brass stock, 24k gold plated for maximum conductivity, and feature 5/16" fasteners to secure battery cables with ring terminal ends. Top post terminals have additional provisions for attaching accessory or ground wires for a clean appearance. Sold in pairs.



ALL76120

ALL76122

Part No.	Description
ALL76120	Top Post
ALL76122	Side Post

Battery Terminal Covers

ALL76150

Covers slip over battery cables and cover battery terminals to prevent accidental shorting. Fit most top post-mount batteries. Required by many sanctioning racing bodies. Package of 2 includes one black and one red cover.



Battery Cable Boots

ALL76154

Battery cable boots can be used for a variety of applications including covering battery terminals on smaller terminal batteries and starter solenoid connections. Boots have an opening that will accept up to 2-gauge cable. Sold as a pair, one red and one black.



Battery Cable Through Stud

ALL76142

Run battery cable through firewall or any body panel safely. 3/8"-16 thread.



Firewall Cable Bushing

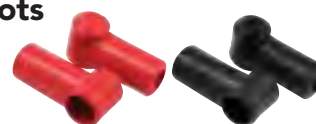
Mounts securely to the firewall and locks onto the wire for a waterproof and vibration proof seal.



Part No.	Description
ALL76137	2-Gauge
ALL76138	4-Gauge

Battery Disconnect Boots

Protect the terminals on battery disconnects from being accidentally shorted.



Part No.	Description
ALL76152	Red, 2-Pack
ALL76153	Black, 2-Pack



WARNING: PROP. 65

The products on this page can expose you to lead, which is known to the State of California to cause cancer, birth defects or other reproductive harm. For more information, go to: www.P65Warnings.ca.gov



ELECTRICAL, GAUGES & IGNITION

Battery Disconnect Switches

Battery disconnect switches shut down the vehicle in an emergency or secure it when not in use. Offered in single- and double-pole versions..

Single Pole Disconnect has two terminals and is recommended for vehicles not using an alternator that needs the ability to be shut down in an emergency or when securing a vehicle by shutting off all power to the vehicle.

Note: When attempting to shut down a vehicle with an alternator using a single-circuit battery disconnect, the alternator may continue supplying power to the vehicle ignition system, allowing vehicle to continue to run.

Double-Pole Disconnect has four terminals with two separate circuits, which is recommended for vehicles with an alternator that need to be shut down in the event of an emergency.

Standard-Duty Switch with Decal

Standard duty switch mounts in a 3/4" hole in a panel up to 1/4" thick and includes a decal to indicate on/off position. Switch has 3/8"-24 terminals and is rated at 175 amps continuous duty. Double-pole switch also has #10-32 studs rated at 20 amps continuous duty.

Part No.	Description
ALL80156	Switch w/Decal (Single Pole)
ALL80157	Switch w/Decal (Double Pole)
ALL99045	Replacement Decal



Standard-Duty Switch with Panel

Standard duty switch is pre-mounted in a 2-3/4" x 3-1/4" aluminum panel with bright screen printed graphics to indicate the on/off position. Switch has 3/8"-24 terminals and is rated at 175 amps continuous duty. Double pole switch also has #10-32 studs rated at 20 amps continuous duty.

Part No.	Description
ALL80158	Switch w/Panel (Single Pole)
ALL80159	Switch w/Panel (Double Pole)



Severe-Duty Switch with Decal

Heavy duty switch mounts in a 3/4" hole in a panel up to 1/4" thick and includes a decal to indicate on/off position. Switch has 1/2"-20 terminals, is rated at 300 amps continuous duty and is sealed to resist weather and help prevent internal corrosion. Double-pole switch also has #10-32 studs rated at 20 amp continuous duty.

Part No.	Description
ALL80154	Switch w/Decal (Single Pole)
ALL80155	Switch w/Decal (Double Pole)
ALL99045	Replacement Decal



Battery Disconnect Panel ALL80129

Aluminum panel is pre-drilled and labeled with on/off to easily identify the position of most standard battery disconnects. Panel features four 3/16" mounting holes and a 3/4" disconnect mounting hole.



Chevy Mini-Starter ALL80520

It's smaller, lighter, and offers several mounting options. Perfect starter for race cars with clearance problems in the chassis or around header pipes. Chevy 153- and 168-tooth applications. Starter has 1.4kw permanent magnet motor, weighs just 9.6 lbs. and includes bolts and shims.

Part No.	Description
ALL80521	Starter Solenoid
ALL80522	Starter Drive Assembly
ALL80523	Starter Pinion
ALL80524	Bolt and Shim Kit



Chevy Mini-Starter ALL80515

3HP high-torque gear reduction, block-mount Chevy mini-starter. In-line mounting block will fit either 153- or 168-tooth flywheels and has rotation holes for added clearance. Mounting bolts and shim kit included.



Bert/Brinn Starter ALL80530

Bert/Brinn Starter can handle up to 16:1 compression. 4.4:1 gear reduction starter has a 1.4kw motor that produces 1.9 hp and 200 ft./lbs of torque.



Heavy-Duty Bert/Brinn Starter ALL80532

Heavy-duty starter with a 3-hp motor is designed to handle up to 16:1 compression engines.



Universal Heat Wrap ALL34238

Heat-resistant material measures 7" x 22", making it ideal for wrapping starter motor, or other components that are close to high-heat areas. Wrap features a reflective material on one side to protect against radiant heat and includes two 24" long stainless steel tie-wraps for securing material.



Starter Solenoid ALL76203

Ford-style solenoid is perfect for use with high-torque racing starters. Flat base eases mounting, and a remote under-hood starter switch or timing light hook-up can be easily adapted. Solenoid is offered separately, or may be ordered with installation kit (ALL76202) that includes wiring, terminals, and hardware.



Solenoid Jumper Wires

Jumper wire completes the circuit to the starter solenoid when using remote mounted solenoids such as ALL76203.

Part No.	Description
ALL76208	Jumper Wire with Spade Terminal
ALL76209	Jumper Wire with Ring Terminal





ELECTRICAL, GAUGES & IGNITION

Electrical Outlets

Universal outlets provide remote 110V connection when powering block heaters, tank heaters, or other accessories mounted in a race car. Outlets accept standard three-prong extension cords and mount directly into decking or to a chassis mounted bracket. [ALL76432](#) and [ALL76436](#) outlet kits are prewired with 5 feet of 14 AWG wiring.



ALL76436



ALL76432

Part No.	Description
ALL76430	Outlet
ALL76432	Outlet w/Wiring
ALL76434	Covered Outlet
ALL76436	Covered Outlet w/Wiring

Brackets for Electrical Outlet and Quick Disconnect

Steel bracket mounts to the chassis, providing a single convenient location to install an electrical outlet and a battery quick disconnect ([ALL76320](#)).



ALL60352



ALL60353

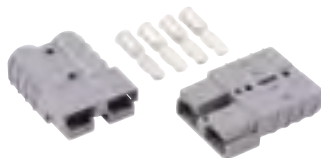
Part No.	Description
ALL60352	Weld-On Bracket
ALL60353	Bolt-On Bracket

Electrical Connectors Sold Separately



Battery Quick Disconnects

Disconnects provide a connection for battery charging, or for quick battery changes during a race. Prevent accidental reverse polarity. Choose from 50- or 175-amp ratings. Sold in pairs and include cable terminals.



Part No.	Description
ALL76320	50-Amp Gray Disconnects, 1 Pair
ALL76322	175-Amp Red Disconnects, 1 Pair

Replacement Parts

ALL76321	6-Gauge Terminals for ALL76320 , 1 Pair
ALL76323	2-Gauge Terminals for ALL76322 , 1 Pair

Bracket for Quick Disconnects

Steel bracket mounts battery disconnect ([ALL76320](#)) to the bend on the underside of deck panels found on Late Models and Modifieds.



Quick Disconnect Covers

Covers install over the end of the quick disconnects to help prevent dirt and debris from entering the connections. Covers have a built-in lanyard to keep the cover close to connector and for easy assembly.



Part No.	Description
ALL76324	Cover for 50-Amp Quick Disconnect
ALL76325	Cover for 175-Amp Quick Disconnect

Quick Connect Battery Charging Posts

Two-piece, color-coded connectors make safe, out-of-car connection to battery charger quick and easy. Female ends have 1/2"-20 threaded studs that connect to battery cables and pass through a 5/8" hole in a panel up to 1/8" thick. Male ends of connectors fit on battery charger cables. Shafts are tapered for tight, secure connections.

Part No.	Description
ALL76300	Red
ALL76310	Black
ALL76301	Red Female Connector Only
ALL76302	Red Male Connector Only
ALL76311	Black Female Connector Only
ALL76312	Black Male Connector Only



Battery Charging Posts

Mount remote charging posts through a body panel for access to battery terminals and quick, easy battery charging. Posts have 3/8" studs and have color-coded caps for safety. Posts require a 1.25" mounting hole.



Part No.	Description
ALL76139	Kit (1 Red and 1 Black)
ALL76140	Red Post Only
ALL76141	Black Post Only

Charging Post Bracket

ALL60064

Securely mount Allstar charging posts on vehicles where battery is not easily accessible. Pre-drilled holes allow quick mounting to frame or body. Double-D hole design positions posts close together, but provides enough room for charging or jumper cable clamps. Charging posts sold separately. ([ALL76140](#) and [ALL76141](#)).



GM Single Wire Alternators

Completely remanufactured GM Delco single-wire alternators are easily hooked-up. Housings are natural finish aluminum. Choose from 63- or 80-amp capacities.

Part No.	Description
ALL80500	63-Amp, Full Size, 10.3 lbs.
ALL80501	80-Amp, Compact Size, 9 lbs.



ALL80500



STEVE TESKE



BRIAN TESKE

JAY FREET



ELECTRICAL, GAUGES & IGNITION

Gauge Panels



Gauge panels are completely assembled, pre-wired, and include lighted mechanical gauges, warning indicator lights with senders to alert you of problems, detailed instructions and installation template. Select from panels fitted with Allstar, Auto Meter Sport-Comp or Pro-Comp liquid-filled 2-5/8" gauges. Panels are available in two, three, or four-gauge configurations.

- Two-Gauge Panels Are 4-1/2" Tall x 7-1/4" Long. Gauges: Oil Pressure and Water Temperature
- Three-Gauge Panels Are 4-1/2" Tall x 10-1/2" Long. Gauges: Oil Pressure, Water Temperature, and Oil Temperature or Fuel Pressure
- Four-Gauge Panels Are 4-1/2" Tall x 13-3/4" Long. Gauges: Oil Pressure, Water Temperature, Oil Temperature, and Fuel Pressure.

Note: Fuel pressure isolator such as QuickCar 61-300, Autometer ATM5282, or Mallory MAL29806 is always recommended when mounting a fuel pressure gauge inside vehicle.

Part No.	Description
Allstar	
ALL80090	2-Gauge Panel OP/WT
ALL80091	3-Gauge Panel OP/WT/OT
ALL80092	3-Gauge Panel OP/WT/FP
ALL80093	4-Gauge Panel OP/WT/OT/FP
Auto Meter Sport Comp	
ALL80110	2-Gauge (OP/WT)
ALL80112	3-Gauge (OP/WT/OT)
ALL80113	3-Gauge (OP/WT/FP)
ALL80114	4-Gauge (OP/WT/OT/FP)
Auto Meter Pro-Comp (Liquid Filled)	
ALL80120	2-Gauge (OP/WT)
ALL80122	3-Gauge (OP/WT/OT)
ALL80123	3-Gauge (OP/WT/FP)
Replacement Parts	
ALL80134	Auto Meter Fuel Pressure Gauge Sport Comp 15 PSI
ALL80136	Auto Meter Fuel Pressure Gauge Pro Comp 15 PSI
ALL80125	2-Gauge Mounting Panel, 4-1/2" x 7-1/4" (OP/WT)
ALL80126	3-Gauge Mounting Panel, 4-1/2" x 10-1/2" (OP/WT/OT)
ALL80127	3-Gauge Mounting Panel, 4-1/2" x 10-1/2" (OP/WT/FP)
ALL80128	4-Gauge Mounting Panel, 4-1/2" x 13-3/4" (OP/WT/OT/FP)

Mechanical Gauges

Allstar Performance 2-5/8" mechanical gauges feature a full 270° sweeping needle, silver-faced background, black bezel, and are backlit for easy reading even under low light conditions. Perfect for building custom dash panels or when adding mechanical gauges to replace existing gauges or warning lights.



Part No.	Description
ALL80095	Oil Pressure Gauge 0-100 PSI
ALL80096	Water Temperature Gauge 140-280°F
ALL80097	Oil Temperature Gauge 140-340°F
ALL80098	Fuel Pressure Gauge 0-15 PSI
ALL80099	Volt Gauge 8-18V
ALL99145	Replacement Bulb, Socket and Pigtail

LED Bulbs for Gauge Panels

ALL99147

LED bulbs offer a brighter lighting solution and will hold up much longer than standard incandescent bulbs on 16-volt systems. Bulbs replace standard 53 bulbs and fit gauge backlight and warning light sockets on all Allstar gauge panels. Package of 2.



Warning Lights

Warning lights or indicator lights inform the driver of a possible problem before major damage occurs when used with temperature or pressure switches. Lights snap into a 3/4" hole in material up to .065" thick. Lights have standard male blade electrical connections and are designed for 12V systems.



Part No.	Description
ALL99062	Amber Light
ALL99063	Blue Light
ALL99064	Green Light
ALL99065	Red Light

Temperature Switches

Temperature switches are commonly used to turn on indicator lights to warn the driver of a possible overheating condition. Switches complete a circuit to ground when the pre-set temperature is reached so they may also be used to control a relay for electric fans. Switches have male 1/2"-14NPT threads and a standard male blade electrical connector.

Part No.	Description
ALL99057	235°F
ALL99056	280°F



Pressure Switches

Pressure switches are commonly used to turn on indicator lights warning of a low pressure condition, helping to prevent engine damage. Switches complete a circuit to ground until the pre-set pressure is reached. Switches have male 1/8"-27NPT threads and a standard male blade electrical connector.

Part No.	Description
ALL99058	4 PSI
ALL99059	20 PSI



Water Pressure Warning Kit ALL80250

Warning kit senses pressure in the cooling system and alerts driver of a problem when coolant pressure drops below 4 PSI. In the event of coolant loss (i.e. blown radiator hose), the temperature gauge probe is no longer surrounded by coolant to detect the engine temperature. This will lead to a false temperature gauge reading and major engine damage.



Tel-Tac Mount ALL81332

Aluminum mount accepts Tel-Tac digital tachometers and recesses into a dash for clean finished look. Mount attaches to backside of dash with quick-turn fasteners (buttons sold separately) for simple tachometer removal and installation.





ELECTRICAL, GAUGES & IGNITION

Switch Panels

Designed with the racer in mind, panels feature well-marked switches and indicator lights. Units are completely wired for easy installation and include detailed instructions. Choose from panels with standard or weatherproof switches.

Switch Panels with Standard Switches



ALL80140
ALL80150

ALL80141

ALL80142

ALL80146

Part No.	Description
ALL80140	Panel without Light
ALL80141	Panel with Flip-Up Cover
ALL80142	Panel with Light
ALL80146	Panel with Two Switches
ALL80150	Magneto Ignition Panel

Switch Panels with Weatherproof Switches



ALL80160

ALL80162

ALL80164

Part No.	Description
ALL80160	Panel without Light
ALL80162	Switch Panel, One Switch, Panel with Light
ALL80164	Switch Panel, Two Switch, Panel with Two Lights

Weatherproof Switch Panel ALL80165

Compact three-switch panel has sealed weatherproof toggle switches for use in open cockpit vehicles or when exposed to harsh conditions. Panel measures 2-1/2" tall x 4-5/8" wide and includes one momentary start switch, one ignition switch, and one accessory switch. Switches are rated up to 20 amps and each circuit includes 60" of 14AWG wire for easy connections.



Heavy-Duty Toggle Switches

On/off, two-position toggle switches are used in Allstar Performance ignition panels. Rated up to 20 amps.



Part No.	Description
ALL80175	Standard Switch
ALL80176	Weatherproof Switch
ALL80177	Weatherproof Switch Momentary Start/Return to Off

Toggle Extensions

Toggle extensions increase the length of toggle switches in Allstar switch panels and other switches with a standard type end. Push-on extensions are 1-7/8" long, offered in red or black. Package of 2.

Part No.	Description
ALL80167	Red
ALL80168	Black



Toggle Switch Cover ALL99068

Cover fastens onto the front of most standard-length toggle switches to help seal out the elements. Cover features a molded-in brass nut to secure tight to the switch.



Starter Button ALL99069

This same momentary-on starter button used in Allstar Performance switch panels is a good alternative to a key-style starter switch. Button mounts in a 5/8" hole and has #8 terminal mounting screws. Rubber boot threads on after installation to help seal out the elements.



Remote Starter Button Shroud Kits

Kit mounts a remote starter button directly to chassis tubing. Kit includes a shroud to help protect against accidental activation, tab, and starter button.



Part No.	Description
ALL60360	Welded Kit
ALL60361	Unwelded Kit

Indicator Lights

Indicator lights are used in Allstar Performance ignition panels to indicate when the ignition or an accessory is on. Lights may be used in a variety of other applications as needed. Lights snap into 1/2" holes in up to .065" thick material, have ring terminal connectors and are designed for 12V systems.



Part No.	Description
ALL99066	Red
ALL99146	Green

High-Performance Distributors for Use with Ignition Box

This high-performance distributor is an excellent choice for many types of motorsports. Requires an aftermarket ignition box (such as an MSD, Accel, Crane, or Mallory) and an external coil such as ALL81230. Housing is CNC-machined 6061-T6 aluminum with an upper support bearing and an extra-long lower bronze bushing for smooth operation and accurate timing at higher RPMs. Distributor includes a molded cap and rotor with brass and stainless steel contacts, a mechanical curve kit with advance springs and stop bushings, manifold gasket, housing O-rings, spark plug wire retainer cap with screws, and instructions.



Part No.	Description
ALL81220	Chevrolet V8*
ALL81216	Chevrolet V8* w/Vacuum Advance
ALL81221	Chevrolet V8* w/Adjustable Collar
ALL81218	Chevrolet V8* w/Adjustable Collar, Dual Pick-Up
ALL81246	Ford V8 221-302
ALL81248	Ford V8 351W
ALL81250	Ford V8 351C, 400C/M, 429-460

*Excluding 348-409 CID

Note: Distributors include melonized drive gears compatible with most flat tappet or hydraulic roller camshafts. If used with a mechanical roller camshaft, a bronze or other compatible gear should be used as recommended by cam manufacturer.



ELECTRICAL, GAUGES & IGNITION

CD Ignition Coil

ALL81230

High-output ignition coil is specifically designed for use with capacitive discharge ignition systems. 40,000-volt coil is recommended for use with Allstar Performance HP series distributors. Sturdy, high-impact housing is epoxy filled to protect against vibration. Extruded aluminum bracket eases mounting. Mounting hardware, anti-vibration mounting pads, ring terminals, and high-temperature silicone boot are included.



Chevy HEI Performance Distributors

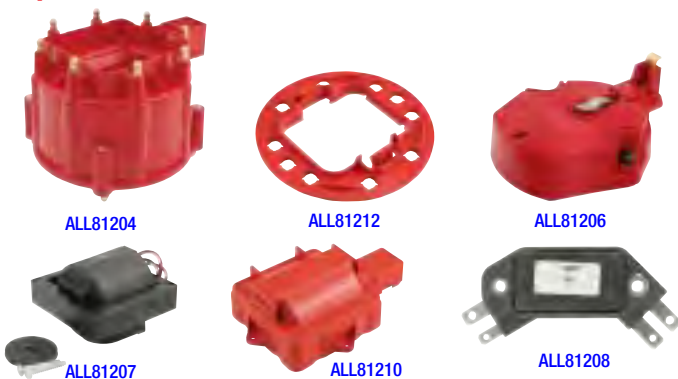
Distributors have high-output coils and adjustable vacuum advances, perfect for upgrading stock HEI distributors for higher RPM. Fit small and big block Chevy (except 348 and 409). Housings are CNC-machined 6061-T6 aluminum with an upper support bearing to provide accurate timing at higher RPM. Include snap-on spark plug wire retainer and instructions.

Part No.	Description
ALL81200	Distributor with Red Cap
ALL81202	Distributor with Black Cap

ALL81200



Replacement Parts



Part No.	Description
ALL81204	Distributor Cap, Red
ALL81205	Distributor Cap, Black
ALL81206	Distributor Rotor
ALL81207	Coil
ALL81208	Module
ALL81210	Coil Cover, Red
ALL81211	Coil Cover, Black
ALL81212	Wire Retainer, Red
ALL81213	Wire Retainer, Black

HEI Connectors

The proper connector when repairing or wiring HEI ignition systems. Connectors have a built-in retaining clip same as originals to secure connector to ignition cap. The included pigtail wires are also the correct gauge for easy installation.

Part No.	Description
ALL81214	12V Ignition Connector
ALL81215	Tach Connector



ALL81214

HEI Advance Curve Kit

ALL81300

Advance kit fits all '74-'79 GM HEI distributors except those that are computer controlled. Includes two weights, center plate, three sets of color-coded springs, two pairs of nylon bushings, and complete instructions.



Low-Profile Chevy Distributor Hold-Down

ALL27505

Strong, steel hold-down clamp with gold iridite finish fits small and big block Chevy V8 and 90° Chevy V6. Flat design provides extra distributor clearance and easy access to hold down fastener. Stud and nut included.



Chevy Distributor Hold-Down

Aluminum hold-down keeps distributor secured at high RPM. Fits small or big block Chevy V8 and 90° Chevy V6. Stainless steel stud, nut, and washer are included. Choose blue, clear, or red anodized.



Part No.	Description
ALL27502	Blue Chevy Distributor Hold Down
ALL27503	Clear Chevy Distributor Hold Down
ALL27504	Red Chevy Distributor Hold Down

Chevy Distributor/Magneto Hold-Down **ALL27500**

Aluminum hold-down fits most aftermarket distributors and magnetos. An Allen head bolt prevents distributor from turning in the clamp so distributor can be removed and reinstalled without resetting the timing. Fits all Chevy V8 except 348-409. Will not fit Mallory magnetos.



Iron Distributor Gears

Melonized or Melonite-coated gears are direct replacement for Allstar Performance and other stock and performance distributors. Iron gears are suitable for applications using high-volume oil pumps.

Part No.	Description
ALL81308	0.491" Dia. Shaft Chevy V8
ALL81309	0.500" Dia. Shaft Chevy V8



Bronze Distributor Gears

When installing a steel billet roller camshaft, a bronze distributor gear must be installed in place of the original cast iron gear. Gears made of premium aluminum bronze offer high strength to withstand the stresses created by high-pressure oil pumps. Roll pins are included.

Part No.	Description
ALL81310	0.491" Dia. Shaft
ALL81311	0.500" Dia. Shaft
ALL81315	Replacement Distributor Gear Roll Pin





ELECTRICAL, GAUGES & IGNITION

Canister-Style Ignition Coil

ALL81234

45,000-volt, oil-filled coil for electronic breakerless ignitions has low primary resistance and 112:1 turn ratio for improved throttle response and more power at higher RPMs. Coil fits all standard O.E.M. brackets or Allstar ALL81236 coil bracket.



Coil Mounting Bracket

ALL81324

Aluminum canister-style coil mounting bracket features a flat mount for securing to a flat panel or firewall. Bracket includes a tension screw to secure coil in bracket before mounting.



Universal Coil Mounting Bracket

ALL81326

Universal bracket is an OE-style bracket that mounts canister-style coils to some popular V8 intake manifolds or may be used to mount coil to a flat panel or firewall. Bracket includes a tension screw to secure coil in bracket before mounting.



MSD/FAST Ignition Box Mount

ALL81330

Box mount provides a quick-release method for replacing MSD or FAST ignition boxes with 7-1/2" x 3-1/2" or 4-1/8" x 6-1/2" center to center mounting dimensions. Kit includes aluminum box mount, (4) quick turn fasteners, springs, and 1/8" aluminum rivets.



Ground Straps

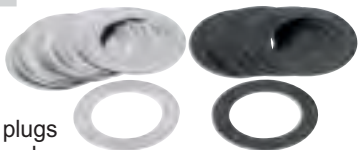
The number one problem with electrical systems is often related to poor ground connections. Perfect for various 6- or 12-volt grounding applications. Flexible, braided copper 12-gauge ground straps are 5/16" wide and have 3/8" non-insulated ring terminals on each end.



Part No.	Description
ALL76330	9" Long
ALL76332	12" Long

Spark Plug Index Shims

Stackable shims index spark plugs at 30° intervals up to 360°, properly positioning ground strap in cylinder head for increased power and clearance between spark plug and piston. Shims are intended for use with 14mm flat seat spark plugs only. Package of 24 shims contains 12 silver 60°, 12 black 90°, detailed instructions, and dial chart.



Part No.	Description
ALL96505	Shim Kit, Standard O.D. (.800")
ALL96506*	Shim Kit, Small O.D. (.720")

**Shims are designed for close tolerance spark plug pockets such as those on ALL-PRO cylinder heads.*

Spark Plug Indexing Tool

ALL96510

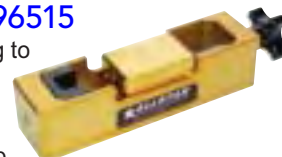
Indexing positions the ground strap of the spark plug properly for best piston dome clearance and un-shrouds the electrode for a more even burn and possible gains of 5-15 horsepower. Works with flat gasket or taper seat 14mm spark plugs. Includes instructions.



Spark Plug Gap Tool

ALL96515

Tool properly cradles the spark plug to consistently set plug gaps using a standard feeler gauge. Insert plug into holder, place desired thickness of feeler gauge between ground strap and electrode then gently turn the knob until feeler gauge is snug.



Spark Plug Gap Tool Kit

ALL96516

Spark plug gap tool quickly and accurately gaps 14mm threaded spark plugs. Thread spark plug into tool, place the correct size feeler gauge beneath the ground strap then tighten knob to set plug gap. Includes 17 different feeler gauge sizes .010" thru .035".



Spark Plug Race Wire Sets

Custom-length SBC wire sets feature 8mm spiral core race wire with pre-terminated ends and universal coil wire. Sets feature shrink sleeved ends and cylinder identification numbers.



Part No.	Description
ALL81365	Set without Sleeving, under Header
ALL81366	Set without Sleeving, over Valve Cover
ALL81370	Set with Sleeving, under Header
ALL81371	Set with Sleeving, over Valve Cover

Universal Spark Plug Race Wire Sets

Universal length 8mm spiral core wire sets include a non-terminated end, ends, and boots for a build-to-length option.



Part No.	Description
ALL81360	Set with 90° HEI Ends
ALL81361	Set with 135° HEI Ends

Coil Wire Kits

Kit includes 36" of 8mm spiral core race wire, ends, connectors, and wire stripping/crimp tool.

Part No.	Description
ALL81380	Kit without Sleeving
ALL81381	Kit with Sleeving



Spark Plug Boot Sleeves

Fiberglass braided sleeves are heat resistant to protect spark plug boots from header heat up to 1,200°F. 7-1/2" long sleeves slide over a variety of boots.

Part No.	Description
ALL34272	Natural, 8-Pack
ALL34273	Natural, 2-Pack
ALL34274	Black, 8-Pack
ALL34275	Black, 2-Pack





ELECTRICAL, GAUGES & IGNITION

Spark Plug Wire Separator Set [ALL81345](#)

Black plastic set will fit up to 9mm wires. Includes two of each 2-, 3- and 4-hole separators.



Spark Plug Wire Retainer [ALL81350](#)

No more melted plug wires from hot exhaust. These aluminum retainers will neatly mount separated 4-wire sets to the front or rear of cylinder head. Package of 2.



ENGINE

6-Qt. Claimer Oil Pans and Pick-Ups

Small block Chevy pans have a 6-quart capacity and are 7" deep. Two swinging trap doors and a built-in baffle provide consistent oil control. Oil pan fits pre-'86 blocks with 2-pc rear main seal.



[ALL26132](#)

Part No.	Description
ALL26132	L.H. (Driver's Side) Dipstick
ALL26133	R.H. (Passenger's Side) Dipstick
ALL26134	Pick-Up for Use with Standard-Volume Pumps
ALL26135	Pick-Up for Use with High-Volume Pumps

Magnetic Drain Plug [ALL87040](#)

Replacement plug for standard 1/2"-20 drain holes has a magnetic end to capture small particles in oil or to help identify a problem early.



SB Chevy Rear Main Seal Adapters

Billet aluminum adapter allows installation of a two-piece style crankshaft seal and early (pre-1986) crankshaft into a 1986 and newer SB Chevy (pre-LS) engine. Adapters include mounting hardware. Alignment tool [ALL26127](#) (sold separately), is recommended to ensure proper installation and centering of adapter plate.



[ALL26125](#)

[ALL26126](#)

[ALL26127](#)

Part No.	Description
ALL26125	Seal Adapter for Early (Pre-'86) Oil Pan
ALL26126	Seal Adapter for Late ('86-Up) Oil Pan
ALL26127	Alignment Tool

Plastigage® Kit [ALL96475](#)

Plastigage strings are a simple and accurate way to verify crankshaft, main and rod bearing clearances. Kit includes two green .001" to .003" and one red .002" to .006" (12" long strings) individually packaged inside calibrated sleeves. Detailed instructions are included.



In-Line Oil Filter

Aluminum in-line oil filter housing includes a specially made hi-flow high-performance Wix filter element. Hex end caps disassemble for easy cleaning and have O-rings for a leak-proof seal. CNC-machined clear anodized housing is 7-3/4" long x 2-1/2" diameter.



Part No.	Description
ALL92040	-16AN Fittings
ALL92041	-12AN Fittings

Related Part

ALL92043	Replacement Filter Element
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Oil Filter Cutter

[ALL10538](#)

Tool removes the outer shell of most spin-on style engine oil filters to inspect the filter material for contamination or debris.



Oil Filter Adapters

Oil filter adapters are OE-style replacement mounts for securing oil filter to engine block or oil pan when rebuilding or replacing an engine.



[ALL92000](#)

[ALL92003](#)

[ALL92004](#)

Part No.	Description
ALL92000	1968-96 SB Chevy Including LT1 and 1968-90 Gen IV BB Chevy engines, aluminum adapter with bypass valve bolts to block and has 13/16"-16 threads to accept oil filter.
ALL92001	Bolt kit for ALL92000
ALL92004	Gen V and VI 1991-Up BB Chevy engines, adapter threads into block with 1"-12 threads and has 13/16"-16 threads to accept oil filter.
ALL92005	1997-2017 LS Series engines hex body adapter threads into oil pan.
ALL92006	1997-2017 LS Series engines, round body with internal hex adapter threads into oil pan.
ALL92003	Fits most SB Ford 302-351W engines, adapter threads into block with 1-1/16"-12 threads and has 3/4"-16 threads to accept oil filter.

Chevy Billet Oil Filter Adapter [ALL92020](#)

Billet aluminum adapter replaces the stock cast aluminum adapter and eliminates the bypass found in OE adapters. Adapter fits most 1968-96 SB Chevy and 1968-90 Gen IV BB Chevy engines, has 13/16"-16 threads for spin-on style oil filters and includes mounting hardware.



Chevy Oil Filter Sandwich Adapter [ALL92022](#)

Aluminum adapter installs in place of the OE-style oil filter adapter, eliminating the bypass found in OE adapter and providing 1/2"NPT inlet and outlet ports for connecting an external oil cooler. Adapter fits most 1968-96 SB Chevy and 1968-90 Gen IV BB Chevy engines, has 13/16"-16 threads for spin-on style oil filters and includes mounting hardware and O-rings. Adapter lowers oil filter 1-1/2".



Chevy Remote Oil Filter Adapter [ALL92025](#)

Aluminum adapter installs in place of the OE-style oil filter adapter, providing 1/2"NPT inlet and outlet ports for connecting to an external oil filter mount. Adapter is commonly used when header clearance does not allow easy access to block mounted oil filter. Adapter fits most 1968-96 SB Chevy and 1968-90 Gen IV BB Chevy engines and includes mounting hardware and O-rings.





ENGINE

Remote Oil Filter Mount [ALL92027](#)

Kit includes a machined billet aluminum mount for relocating an oil filter to a location that is easier to access and protected from possible damage. Mount features top mounted -12 ORB ports for easy connection and hose routing, a 1/8" NPT pressure port and multiple oil filter fittings. Fittings included are 3/4"-16, 13/16"-16, and 1-1/8"-16 for most popular 3-5/8" O.D. oil filters.



Aluminum Oil Inlet Fittings

Aluminum fittings adapt NPT to the AN threads commonly used when connecting oil lines and for other applications. Length stated is overall length. [ALL90045](#) features two additional 1/8" NPT ports commonly used when plumbing valve spring oilers.

Part No.	Description
ALL90048	3/8"NPT to -10AN, 3" Long
ALL90043	1/2"NPT to -10AN, 3" Long
ALL90046	1/2"NPT to -10AN, 4" Long
ALL90044	1/2"NPT to -12AN, 3" Long
ALL90045	1/2"NPT to -12AN, 3-1/2" Long (With 1/8"NPT Ports)



Inline Oil Temperature Tees

Install in the oil return line (pump-to-tank) to adapt a probe for an oil temperature gauge. All inline tees have 1/2"NPT threads for probe fittings and 1/4" holes for mounting.

Part No.	Description
ALL90040	-10AN
ALL90041	-12AN
ALL90042	-16AN



Reducer Fittings

Reducer fittings are an economical way to reduce the male AN thread size on items such as oil coolers and inline temperature T-fittings.

Part No.	Description
ALL90075	-10AN to -8AN
ALL90076	-12AN to -10AN



1/8"NPT to 4AN Tall Fittings

Steel fittings allow easier access when plumbing oil pressure lines on many engine blocks.

Part No.	Description
ALL50004	Straight
ALL50021	90°



SB Chevy Oil Restrictors

Oil restrictors reduce the amount of oil flow to the top of the engine, reducing the risk of evacuating the oil pan in continuous high-rpm engines while allowing more oil to be directed to the main and rod bearings. Restrictors have a .055" I.D. hole and include two extra O-ring seals. Package of 2.

Part No.	Description
ALL90070	SB/BB Chevy, Aluminum with Hex Head
ALL90071	SB Chevy Bowtie Block, Steel with Allen Head

Note: Not recommended for hydraulic lifter engines.



Dart/Chevy SHP Oil Restrictors

Oil restrictors for use in Dart SB Chevy SHP blocks are specifically designed for the priority main oil system to reduce the amount of oil flow to the top of the engine, reducing the risk of evacuating the oil pan in continuous high rpm engines. Kit includes two restrictors, an extra O-ring and detailed installation instructions.

Part No.	Description
ALL90072	Restrictor Kit with .090" I.D. Hole
ALL90073†	Restrictor Kit with .030" I.D. Hole

†Smaller port size may be modified as needed for preferred amount of oiling.



Immersion Heaters

Immersion-style heater preheats oil in wet sump oil pan or dry sump tanks to reduce overall warm up time and improve lubrication during initial start up. 5/8" diameter stainless steel sleeve inserts into pan or tank and secures with a welded on 1/2"NPT brass screw-in fitting. 120-volt operation.

Part No.	Description
ALL76415	4-3/4" Long Heater Element w/3' Long Cord, 400W
ALL76416	7-1/2" Long Heater Element w/12" Long Cord, 250W



Heating Pads

High-temperature silicone heating pads externally preheat oil in wet sump oil pans, dry sump tanks and automatic transmission pans, reducing overall warm-up time and improving lubrication during initial start up. 3" cord, 120-volt operation.

Part No.	Description
ALL76420	2"x15", Self Adhesive Pad, 200W
ALL76422	5"x7", Self Adhesive Pad, 375W
ALL76424	6"x12", Velcro Strapped Pad for 6" O.D. Tanks, 435W



WARNING! Do not plug heater in without being installed on tank or metallic surface to absorb heat. Element heats up quickly and damage will result.

Oil Coolers - Flange Mount

Adding an oil cooler to a vehicle increases engine life and reduces engine operating temperature. Engine oil not only lubricates but also removes a large amount of heat from the engine. Top engine builders recommend and often require use of an oil cooler. Coolers have a 1/2"NPT female bung commonly used for connecting a temperature sending unit or similar accessories and have built in flanges for mounting to the deck underside of most Dirt Late Models, Modifieds or other vehicles that would benefit from use of an oil cooler.

Part No.	Description
ALL30146	Cooler with -10AN Fittings, 4" x 15" x 3-1/2" Tall for Most Wet Sump Systems
ALL30145	Cooler with -12AN Fittings, 8-3/4" x 15" x 3-1/2" Tall for Most Dry Sump Systems



Oil Cooler Scoops

Scoop mounts to the deck of most race cars above the oil cooler, forcing air through the oil cooler to aid cooling. Black plastic scoop has a carbon fiber look and measures 11" x 7" with a 3" tall opening and approximately a 1" mounting lip.

Part No.	Description
ALL23228	Scoop with 7" Wide Opening
ALL23229	Scoop with 11" Wide Opening





ENGINE

Linear Engine Oil Coolers

Finned aluminum coolers have 3/4"NPT ends and T-slots for easy mounting.

Part No.	Description
ALL30142	3'
ALL30143	4'
ALL30144	5'



SB Chevy Lifter Valley Vents ALL90065

Lifter valley vents positively vent the crankcase and eliminate oil drain-through and windage losses. When used with valley screens, vents prevent damage from broken valvetrain components. Vents have 1/4"NPT threads and a 9/16" hex head to ease installation. Package of 8.



Deck Mount Breather Tank ALL36105

Spun aluminum tank has a flat top and mounts on the bottom side of your deck panel. Features a bottom breather, drain petcock on the side near the bottom and a 3/4"NPT female bung near the top.



Breather Tanks

Aluminum breather tanks are 11-1/2" x 3", include mounting bracket, clamp on breather element, drain, and one or two 3/8"NPT bung(s). ALL36109 can vent two systems. Ideal for dry sumps and rear ends.

Part No.	Description
ALL36108	Tank with One Bung
ALL36109	Tank with Two Bungs
Replacement Parts	
ALL36202	1-1/2" Washable Breather
ALL99030	1/4"NPT Petcock
ALL99031	3/8"NPT to 1/4"NPT Fitting



Mini Breather Tanks

Small capacity, spun aluminum tank will vent dry sump tank, transmission or rear end. Tank has a 1/4"NPT bung on bottom and a clamp-style bracket for mounting to chassis tubing.

Part No.	Description
ALL36140	Tank for 1-1/2" Dia. Tubing
ALL36141	Tank for 1-3/4" Dia. Tubing
ALL36142	Tank with Flat Mount
ALL36103	Replacement Filter



SB Chevy Fuel Pump Mount Plate ALL40254

OE-style plate replaces lost or missing mounting plate required to mount mechanical-style fuel pump to most small block Chevrolet engines. Clear zinc-plated finish may also be painted to match original appearance. Mounting hardware included.



SB Chevy Fuel Pump Block-Off Plate ALL40255

Plate covers mechanical fuel pump engine opening on most small block Chevrolets when omitting a mechanical-style fuel pump. Plate is often used when converting to electric or belt driven fuel pumps. Clear zinc-plated finish may also be painted.



Billet Aluminum Fuel Pump Block-Off Plates



CNC-machined billet aluminum plates cover the mechanical pump opening in the engine block and include a gasket and stainless steel fasteners.

Description	Blue	Clear	Red	Black
SB Chevy	ALL40300	ALL40301	ALL40302	ALL40306
BB Chevy, SB/BB Ford*, SB/BB Chrysler	ALL40303	ALL40304	ALL40305	ALL40307

* Will not fit Ford 351C, 351M-400.

LS Timing Cover Conversion Kit ALL90090

LS timing cover conversion kit adapts a standard small block Ford distributor into CT525 crate and LS-series engines, allowing adjustment of timing and the mechanical advance curve, and also provides an alternative to installing complete computer and fuel injection systems when placing a late model LS engine into an older street performance vehicle. Enjoy the performance and durability of the GM LS series engine with the simplicity and tune-ability of a distributor and carburetor. Kit includes all internal components and new timing cover for converting LS series engines to utilize a standard distributor ignition system and a carburetor with a belt-driven or electric fuel pump.



SB Chevy Timing Cover ALL90010

Excellent replacement for distorted and leaky timing covers. Cover fits most popular standard small block Chevrolets.



SB Chevy Timing Cover (BB Chevy Seal) ALL90012

Black zinc-plated steel timing cover is designed for small block Chevy fitted with an aftermarket crankshaft with a BB Chevy snout.

Related Part

Part No.	Description
ALL87282	BB Chevy Timing Cover Seal





ENGINE

Aluminum Timing Covers

Polished cast aluminum covers resist warping and leaking that is common with OE-style stamped steel covers. Recessed mounting holes are designed for button-head fasteners (ALL99390) for proper installation. Covers clear most double-roller style timing chains.



Part No.	Description
ALL90008	SB Chevy
ALL90009	BB Chevy
Related Part	
ALL99390	Timing Cover Fasteners

Timing Cover Seals

Seal works with stamped steel or aluminum covers.

Part No.	Description
ALL87280	SB Chevy
ALL87282	BB Chevy



SB Ford 302/351 Replacement Timing Covers



New cast aluminum stock replacement timing covers are available in several styles.

Part No.	Description
ALL90014	Early Style, with Fuel Pump Mounting Boss and Dipstick Tube Opening
ALL90015	1995 Mustang/1996-01 Explorer/Mountaineer Rev. Rotation with Short Water Pump
ALL90016	1983-89 Cars/Trucks/SUV's, with ECC Sensor Mount and Fuel Pump Mounting Boss
ALL90017	1985-94 Mustang with EFI
ALL90018	1987-96 Trucks with EFI Reverse Rotation

Chevy Cam Lock Plate and Bolts ALL90060

Kit includes camshaft retaining plate with locking tabs and three alloy steel, 150,000 PSI bolts. Fits all small and big block Chevs.



Cam Button Spacers

Buttons limit lateral movement of the camshaft in engines without cam thrust plates and reduce friction for "free" horsepower. Machining of the cam sprocket may be required.



Part No.	Description
ALL90050	SB Chevy Aluminum, Early with Flat Timing Cover
ALL90052	SB Chevy Aluminum, Late with Indented Cover
ALL90054	SB Chevy Roller Bearing
ALL90053	BB Chevy Aluminum
ALL90055	BB Chevy Roller

Crankshaft Keys

Replace worn crankshaft keys for proper timing gear and damper positioning.

Part No.	Description
ALL87030	Chevy Short, 2-Pack
ALL87032	Chevy Long
ALL87034	Chevy Vortec, LS1/LS2/LS6



SB Chevy Gear Drive Assemblies

Aluminum gear drive provides accurate cam timing and the ability to adjust valve timing without removing the oil pan. Aluminum frame features a built-in front oil pan gasket retainer and an idler gear cradle for accurate cam timing throughout the RPM range. Gear drives are complete with cam, crankshaft and idler gears, needle bearing thrust kits, offset degree bushing kit, extra-long dowel pins, and installation instructions. Gear drives are commonly used with ALL90080 and ALL90081 Billet Timing Covers or may be used with most stock-type covers such as the ALL90010 with slight modification.



Part No.	Description
ALL90000	Standard Cam Gear Drive
ALL90100	Raised Cam Gear Drive (+.391")
Replacement Parts	
ALL90001	Cam Gear
ALL90002	Crank Gear
ALL90003	Idler Gear
ALL90004	Cam Plate Shims, 10-Pk.
ALL90005	Cam Degree Bushing Set
ALL90007	Thrust Washer Set

SB Chevy Aluminum Crankshaft Hub ALL90030

Designed specifically for circle track racers, this SB Chevy aluminum crank hub is NOT a harmonic damper. Hub is significantly lighter than a harmonic balancer and dramatically reduces rotating weight for quicker acceleration off the turn. Hub has engraved timing marks at 0° and from 30°-42°, is 4-3/8" in diameter, features (3) 3/8"-16 accessory threads and weighs just one pound. Fits all internally balanced small block Chevy engines. Designed for internally balanced engines only and must be balanced with rotating assembly.





ENGINE

Timing Pointers

Black anodized billet aluminum timing pointers are adjustable to precise timing increments. Chevy pointers are designed for use with stamped steel covers; longer hardware will be required if using a cast aluminum cover.



ALL90020

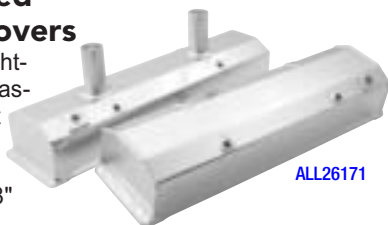
Part No.	Description
ALL90023	SB Chevy 6-1/4" Dia. Balancers
ALL90020	SB Chevy 6-3/8" Dia. Balancers
ALL90021	SB Chevy 7" Dia. Balancers
ALL90024	SB Chevy 7-1/4" Dia. Balancers
ALL90025	SB Chevy 8" Dia. Balancers
ALL90026	BB Chevy 6-1/4" Dia. Balancers
ALL90022	BB Chevy 7" Dia. Balancers
ALL90027	BB Chevy 8" Dia. Balancers
ALL90034*	SB Ford SVO B, 3/8" Bolt
ALL90035†	SB Ford SVO C, 3/8" Bolt
ALL90036*	SB Ford Stock B, 5/16" Bolt
ALL90037†	SB Ford Stock C, 5/16" Bolt

*11-O'Clock Tab Position, Will Not Fit Cleveland Engines

†10-O'Clock Tab Position, Will Not Fit Cleveland Engines

SB Chevy Fabricated Aluminum Valve Covers

TIG-welded covers are lightweight with a thick rail for gasket support. Covers without tubes are perfect for custom modification and use on dry sump systems. 1-3/8" breathers sold separately.



ALL26171

Part No.	Description
ALL26170	Standard Covers without Tubes
ALL26171	Standard Covers with Tubes
ALL26172	Centerbolt Covers without Tubes

Related Parts

ALL36204	Non-Shielded Breather, 1-3/8"
ALL36205	Shielded Breather, 1-3/8"

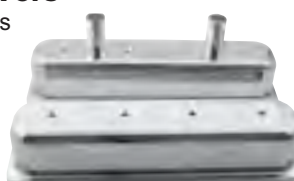
SB Chevy Cast Aluminum Valve Covers

Tall polished aluminum valve covers are sold in pairs, with two 1-3/8" baffled breather tubes on one cover. Breathers sold separately.

Part No.	Description
ALL26137	Centerbolt Covers
ALL26139	Standard Covers

Related Parts

ALL36204	Non-Shielded Breather, 1-3/8"
ALL36205	Shielded Breather, 1-3/8"



ALL26137

SB Chevy Steel Valve Covers

Steel small block Chevy valve covers are an excellent alternative to more expensive and heavier aluminum valve covers. Sold in pairs, one cover is solid without holes and one cover includes two fully welded, 1-1/2" baffled breather tubes for proper crankcase venting. Breathers sold separately.



ALL26140

Part No.	Description
ALL26143	Raw Unpainted
ALL26145	Yellow Zinc-Plated
ALL26147	Black Painted
ALL26140	Clear Zinc-Plated



ALL26147

Valve Cover Hold-Down Nuts

Easily remove these hold-down nuts with a 1/4" extension. The spring ball on your extension holds the nut in place, no wrench or socket needed! Package of 4.



Part No.	Description
ALL26320	1/4"-20 Coarse Thread Nuts
ALL26322	1/4"-28 Fine Thread Nuts

SB Chevy Cork Valve Cover Gaskets

Natural cork material gaskets conform to irregular castings to provide a leak-free fit. Coated gaskets feature an additional layer of protection against leaking and are reusable. Gaskets are sold in pairs.



Part No.	Description
ALL87210	5/16" Thick
ALL87212	5/16" Thick with Steel Core
ALL87214	5/16" Thick with Steel Core (Coated)
ALL87216	3/16" Thick with Steel Core Centerbolt/Vortec (Coated)

SB Chevy Rubber Valve Cover Gaskets

ALL87215

Reusable rubber gaskets are 3/16" thick and feature a molded-in steel reinforcing layer to help gasket keep its shape and provide a leak-free fit. Package of 2.



Crankcase Evacuation System ALL34145

Reduce crankcase pressure for optimum piston ring seal, fewer oil leaks, and better engine performance. System includes two of each: chrome plated push-in breathers, check valves, weld-in 3-1/2" long threaded pipe adapters, rubber breather grommets, and four hose clamps. Evacuation hoses not included. Use with 5/8" diameter hose.



AMANDA WING

JIM DENHAMER



ENGINE

Breathers

Shielded or non-shielded clamp-on breathers will fit valve cover tubes.

Part No.	Description
ALL36202	Non-Shielded Breather, 1-1/2"
ALL36203	Shielded Breather, 1-1/2"
ALL36204	Non-Shielded Breather, 1-3/8"
ALL36205	Shielded Breather, 1-3/8"



Breather Sock ALL36208

The breather sock fits over standard 3" diameter, 2-1/2" tall valve cover breathers to help catch residual oil discharged from the engine through valve cover breathers. A practical alternative to wrapping dirty shop rags around valve cover breathers! Socks are easily cleaned with a mild detergent.



Breather Filters

Mesh filters add another layer of protection against dirt, dust, and debris. Fits 3" diameter breathers typically used on valve covers, breather tanks, and helmet systems.

Part No.	Description
ALL26227	Fits Non-Shielded Breathers
ALL26228	Fits Shielded Breathers



Breather Cover ALL26232

Water-repellent cover fits 3" diameter breathers commonly found on valve covers, breather tanks, and helmet systems. Cover with drawstring fits both shielded and non-shielded breathers.



Large Fill Plug Kits

Kits include a weld-in bung and an easy grip O-ring cap with positive seal. Kits are often used as an inspection plug or a filler plug. Large fill plugs have a 3" opening. 3"-12 thread.

Part No.	Description
Kit with Aluminum Weld-In Bung	
ALL36170	Silver Kit
ALL36171	Black Kit
ALL36172	Red Kit
ALL36173	Polished Kit
Kit with Steel Weld-In Bung	
ALL36174	Silver Kit
ALL36175	Black Kit
ALL36176	Red Kit
ALL36177	Polished Kit



Small Fill Plug Kits

Kits include a weld-in or bolt-in bung and an easy grip O-ring cap with positive seal. Kits are often used as an inspection plug or a filler plug. Small fill plugs have a 1-3/8" opening with 1-1/2"-12 threads.

Part No.	Description
Kit with Aluminum Weld-In Bung	
ALL36160	Silver Kit
ALL36164	Black Kit
ALL36165	Red Kit
ALL36166	Polished Kit
Kit with Steel Weld-In Bung	
ALL36161	Silver Kit
ALL36167	Black Kit
ALL36168	Red Kit
ALL36169	Polished Kit
Kit with Aluminum Bolt-In Bung	
ALL36180	Silver Kit
ALL36181	Black Kit
ALL36182	Red Kit
ALL36183	Polished Kit



Weld Bungs

Weld-on bungs are available in 6061 aluminum or mild steel and allow additional fittings to be added to radiators, oil pans, building of custom tanks or other components.

Female NPT

Size	O.D.	Aluminum	Steel
1/8"-27 NPT	3/4"	ALL50740	ALL50750
1/4"-18 NPT	7/8"	ALL50741	ALL50751
3/8"-18 NPT	1"	ALL50742	ALL50752
1/2"-14 NPT	1-1/4"	ALL50743	ALL50753
3/4"-14 NPT	1-3/8"	ALL50744	ALL50754
1"-11-1/2 NPT	1-5/8"	ALL50745	—



Male AN

Size	Thread	Flange O.D.	Aluminum	Steel
-4AN	7/16"-20	3/4"	ALL50760	ALL50770
-6AN	9/16"-18	7/8"	ALL50761	ALL50771
-8AN	3/4"-16	1"	ALL50762	ALL50772
-10AN	7/8"-14	1-1/8"	ALL50763	ALL50773
-12AN	1-1/16"-12	1-3/8"	ALL50764	ALL50774
-16AN	1-5/16"-12	1-5/8"	ALL50765	ALL50775
-20AN	1-5/8"-12	1-3/4"	ALL50766	ALL50776



Female AN ORB

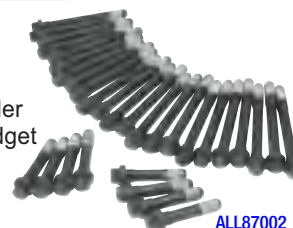
Size	Thread	O.D.	Aluminum
-4AN	7/16"-20	3/4"	ALL50780
-6AN	9/16"-18	7/8"	ALL50781
-8AN	3/4"-16	1"	ALL50782
-10AN	7/8"-14	1-1/8"	ALL50783
-12AN	1-1/16"-12	1-3/8"	ALL50784
-16AN	1-5/16"-12	1-5/8"	ALL50785



Chevy Cylinder Head Bolts

Original equipment Grade 8 cylinder head bolts are ideal for stock or budget performance rebuilds.

Part No.	Description
ALL87000	SB Chevy, 34-Pack
ALL87002	BB Chevy, 32-Pack



Head Dowel Pin Kits

Dowel pins are an often overlooked item when performing a rebuild or upgrading cylinder heads. Dowel pins keep gaskets in position and properly align cylinder heads to the engine block. Kits include four pins.

Part No.	Description
ALL87020	SB Chevy
ALL87026	BB Chevy
ALL87024	LS GM
ALL87028	SB Ford



Port and Polish Kit ALL11052

Kit includes an assortment of 60, 80, and 120-grit cartridge rolls for cleaning and modifying intake and exhaust ports to match gaskets, remove casting marks, and for smoothing out runners. Two 1/4" mandrels are included with each kit.



Dykem Layout Fluid ALL12070

Apply layout fluid to the work surface to enhance visibility of scribes during fabrication. Blue fluid dries in minutes to a uniform, thin film without cracking or chipping. 4-oz. container has a built-in brush under cap. Not intended for use in setup of ring and pinion gear sets.





ENGINE

High Performance 11/32" Umbrella Valve Seals ALL90235

High-quality umbrella-style seal moves with valve and deflects oil away from valve guide area. Seals have an O.D. of .750" to fit under most stock or larger diameter valve springs and a .580" I.D. to clear valve guides on most engines. Seals require no machining for installation. Set of 16.



High-Performance PTFE Valve Seals

Seals have spring loaded wipers for maximum oil control. Machining is required for most installations. Set of 16.



Part No.	Description
ALL90240	11/32" Valve Seals, .620" Seal O.D., .531" Mach. Tool Guide O.D.
ALL90241	11/32" Valve Seals, .600" Seal O.D., .500" Mach. Tool Guide O.D.
ALL90242	3/8" Valve Seals, .620" Seal O.D., .531" Mach. Tool Guide O.D.
ALL90244	5/16" Valve Seals, .620" Seal O.D., .531" Mach. Tool Guide O.D.

SB Chevy Rocker Arm Stud Kit ALL90230

Grade 8, 3/8"-24 original equipment-style studs require a 7/16"-14 tapped hole in the head. Studs have a 2.375" overall length. Package of 8.



SB Chevy Flat Pushrod Guide Plates ALL90250

Guide plates are designed for 5/16" hardened pushrods and stabilize valvetrains using high-lift camshafts and high-pressure valve springs. Package of 8.



Valve Lash Wrenches

Allstar valve lash wrenches save precious time and make valve adjustment easy. No more fumbling with two separate wrenches. Available for Jesel, T&D, and other poly-lock style rocker assemblies.



Part No.	Description
ALL96400	7/16" Adjuster Wrench, 1/8" Allen Wrench, Jesel Assemblies
ALL96401	1/2" Adjuster Wrench, 3/16" Allen Wrench, T&D Assemblies
ALL96402	9/16" Adjuster Wrench, 3/16" and 7/32" Allen Wrenches, for Stud Girdle Assemblies
ALL96403	5/8" Adjuster Wrench, 3/16" and 7/32" Allen Wrenches, Poly Lock

Intake Manifold Bolt Kit ALL87010

Grade 8, 12-point flange clear zinc bolts are 3/8" x 1-1/8" long to fit small block Chevys and Chrysler "A" and "B" engines where clearance is insufficient for standard hex head bolts. Set of 12 includes stainless washers.



SB Chevy "Ram Horn" Exhaust Manifolds ALL34200

"Ram Horn" manifolds have increased exhaust flow over traditional manifolds and added steering shaft clearance. Ideal for street rods and classes requiring cast iron exhaust manifolds. Sold in pairs.



SB Chevy Header Gaskets

Durable reinforced steel core and graphite composite gaskets remain soft and pliable to conform to header and head surfaces, providing an excellent, long-lasting seal. Sold each.



Part No.	Description
ALL87260	1-5/8" Square Port (Stock)
ALL87262	1-3/4" D-Port (Standard)
ALL87264	Spread Port (Staggered Bolt Pattern)
ALL87266	Crate Engines (Non LS/Fast Burn)
ALL87268	LS Series Engines (Excluding LS7)

ALL87262

ALL87264

ALL87266

Swivel Exhaust Hanger ALL34220

Hanger swivels horizontally and vertically to simplify mounting in any position. Bolt or weld to chassis to support additional weight of mufflers, turndowns, etc. Steel strapping is 1/8" thick.



Header Wrap

Reduce under-hood temperature while containing header tube heat for increased power. Fiberglass woven wrap is available in natural or black rolls.

Part No.	Description
1" Wide Rolls	
ALL34240	Natural 15'
ALL34241	Natural 25'
ALL34242	Natural 50'
ALL34243	Natural 100'
ALL34250	Black 15'
ALL34251	Black 25'
ALL34252	Black 50'
ALL34253	Black 100'
2" Wide Rolls	
ALL34244	Natural 15'
ALL34257	Black 100'
ALL34245	Natural 25'
ALL34246	Natural 50'
ALL34247	Natural 100'
ALL34254	Black 15'
ALL34255	Black 25'
ALL34256	Black 50'



Stainless Steel Cable Ties

Part No.	Description
ALL34262	7-1/2" Long, Package of 8
ALL34264	14-1/2" Long, Package of 4



Universal Heat Wrap ALL34238

Heat-resistant material measures 7" x 22", making it ideal for wrapping starter motor, or other components that are close to high-heat areas. Wrap features a reflective material on one side to protect against radiant heat and includes two 24" long stainless steel tie-wraps for securing material.



Part No.	Description
Replacement Part	
ALL34266	24" Stainless Steel Ladder Ties, 2-Pack



ENGINE

Exhaust Shields

Aluminum shields protect body panels from exhaust exiting through the passenger door and provide a clean, finished look from the outside, simplifying exhaust routing. Round shield I.D. is 6", commonly used for exiting one 5" diameter exhaust pipe. Oval shield I.D. is 5" x 9", commonly used for exiting two 3-1/2" diameter exhaust pipes.



Part No.	Description
ALL34180	Round Flange, 55 Degrees to Door
ALL34181	Round Flange, 90 Degrees to Door
ALL34182	Oval Flange, 55 Degrees to Door
ALL34183	Oval Flange, 90 Degrees to Door

Header Tab Kits

Weld to headers to hold slip-on collectors in place or use to retain primary tubes on adjustable headers. Kit includes two pairs of tabs, two bolts, and two hex nuts. Two tabs are recommended to secure each collector. Tabs are .085" thick.

Part No.	Description
ALL60039	3/4" Tall Tabs x 1-1/2" Long (When Combined 2-1/2" Long), 2-Pack
ALL60040	1" Tall Tabs x 2-1/2" Long (When Combined 4" Long), 2-Pack



SB Chevy Gaskets



Popular gaskets and gasket sets for most 1955 to 1985 SB Chevy engines.

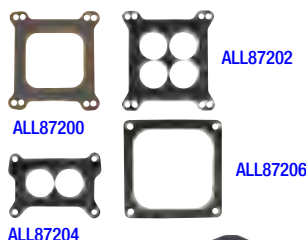
Part No.	Description
ALL87220*	Oil Pan Set, 1955-85
ALL87240	Front of Engine Set
ALL87230	Water Pump to Block
ALL87230-10	Water Pump to Block 10-Pack
ALL87231	Thermostat Housing
ALL87231-10	Thermostat Housing 10-Pack
ALL87232	Thermostat Housing with Steel Core (Cork)
ALL87232-10	Thermostat Housing with Steel Core (Cork) 10-Pack
ALL87236	Fuel Pump
ALL87236-10	Fuel Pump 10-Pack
ALL87238	Fuel Pump Plate
ALL87238-10	Fuel Pump Plate 10-Pack
ALL87250	Distributor Gasket
ALL87250-10	Distributor Gasket 10-Pack



* This set fits 1955-85 engines. Includes gaskets to work with LH or RH dipstick and includes thick and thin front pan seals.

Carburetor Gaskets

Part No.	Description
ALL87200	4150 Open
ALL87202	4150 4-Hole
ALL87204	4412 2-Hole, 2bbl.
ALL87206	4500 Open, Dominator



Engine Cover ALL26234

Water-repellent cover with bottom draw string is perfect for storage or transportation. 32" long x 23" wide x 28" tall.



Fogging Oil ALL78220

Ground Shipment Only

Spray aerosol lubricant (with special additives) into the intake and spark plug holes to coat and lubricate the cylinders, valves, and valve seats. Prevents horsepower-robbing corrosion and eliminates scuffing at start-up after periods of storage. May be used in all 2- or 4-cycle, carbureted or fuel injected gasoline engines in cars, trucks, motorhomes, ATV's, etc. Sold in a 12-oz. can.



SB Chevy Aluminum Exhaust Block-Off Plates



Aluminum block-off plates seal standard and spread port SB Chevy exhaust ports during engine storage or repairs. Plates protect against moisture, dust, and dirt.

Part No.	Description
ALL34210	Standard, Individual Plates, 1/8"
ALL34212	Standard, 1-Piece Design, 1/16"
ALL34214	Spread Port, 1-Piece Design, 1/16"



SB Chevy Plastic Exhaust Block-Off Plates

One-piece design 1/4" thick block off plates seal exhaust ports during engine storage or repairs. Plates protect against moisture, dust and dirt. Sold in pairs.



Part No.	Description
ALL34213	Standard 23°
ALL34215	Spread Port and Dart (Excluding 23°)
ALL34217	SB2

Bellhousing Dowel Pins

Steel dowel pins are approximately 1/2" longer than stock pins and are required when running an engine mid-plate, rear motor mounts or an aftermarket bellhousing. Pins fit most GM blocks and are sold in pairs.



Part No.	Description
ALL38150	Solid Pins
ALL38152	Hollow Pins

Engine Mid-Plates

Aluminum mid-plates are 1/4" thick 6061 aluminum, black powder coated, and profiled to keep weight at a minimum (less than 4 pounds) without compromising strength or durability. Unique dual mounting holes (unless specified otherwise) allow engine to be raised 1" in chassis.



Part No.	Description
ALL38131*	SB Chevy, 5/8", Pierce/Bandit Chassis
ALL38132	SB Chevy, 5/8", Pierce/Bandit Chassis
ALL38133	SB Ford, 5/8", Pierce/Bandit Chassis
ALL38134	SB Chevy, 1-1/8", Pierce LM, Barry Wright Chassis
ALL38135	SB Chevy, 1-1/2", Mastersbilt Chassis
ALL38136	SB Chevy, 2", Rayburn Chassis
ALL38138	SB Chevy/SB Ford, 2-5/8", Rocket Chassis
ALL38139	SB Chevy/SB Ford, Shaw Chassis

* Only one set of mounting holes



ENGINE

CT525 Motor Mounts ALL38085

Steel mounts allow a CT525 crate or other LS-Series engine to fit in most circle track cars. Slots are 1" wide and can be used in standard or 1" setback locations. Sold as a pair.



Standard Chevy Front Motor Mounts

Mounts are designed for fabricated chassis or stock chassis that have fabricated motor mounts attached to the frame. Solid-style mounts bolt in place of stock motor mounts on standard Chevy engines and feature a frame mounting hole that is centered on the original mounting location. Frame mounting holes are designed for 1/2" fasteners and slotted for a universal fit in many applications. Sold each.

Part No.	Description
ALL38100	Steel
ALL38098	Aluminum



Offset Chevy Front Motor Mounts

Mounts are designed for fabricated chassis or stock chassis that have fabricated motor mounts attached to the frame. Solid-style mounts bolt in place of stock motor mounts on standard Chevy engines and feature a frame mounting hole that is offset to the original mounting location. Frame mounting holes are designed for 1/2" fasteners and slotted for a universal fit in many applications. Sold in pairs.

Part No.	Description
ALL38108	1" Offset
ALL38109	2" Offset
ALL38110	3-3/8" Offset



Chevy Rear Motor Mounts

Solid-style mounts bolt between the engine and transmission of most Chevy V8's to create a middle support. Unwelded version allows tab to be installed in any location. Commonly used with solid front motor mounts. Extended bellhousing dowel pins recommended, extended pilot bearings or other spacers may be required.

Part No.	Description
ALL38101	Welded
ALL38102	Unwelded Universal Kit



Chevy Raised Motor Mounts

Use these mounts to raise the engine in the chassis instead of spacers and longer bolts. Use when changing from a dry sump to a wet sump engine or when extra clearance is required. 1" or 1-1/2" raised steel mounts are 1/4" thick and slotted for easy installation. Mounts are sold each.

Part No.	Description
ALL38060	Front, Raised 1"
ALL38061	Front, Raised 1-1/2"
ALL38064	Rear, Raised 1"
ALL38065	Rear, Raised 1-1/2"



Ford Motor Mounts

Steel mounts have been updated and now fit the newer and original 302-351W small blocks. Sold in pairs.

Part No.	Description
ALL38112	Rear Motor Mounts
ALL38113	Front Motor Mounts



GM Motor Mount Kit ALL38082

Bolt-in steel mounts for GM metric chassis bolt to crossmember and accept Allstar steel motor mounts (ALL38100). A "captured" 1/2"-13 nut eases engine installation. Sold in pairs.



Motor Mount Spacers

Aluminum spacers are profiled for weight reduction and are 1-1/2" O.D. x 1/2" I.D. Use with pedestal style engine mounts. Sold each.

Part No.	Description
ALL18620	1/4"
ALL18621	1/2"
ALL18622	1"
ALL18623	1-1/2"
ALL18624	2"



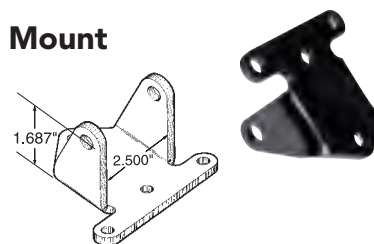
High Vibration Motor Mount Spacer Kit (Big Bar Soft Spring Cars) ALL18626

Ever wonder what happens to many race car components when you continually bottom out your chassis? Spacers are made from a unique material that won't let your engine vibrate around under normal conditions yet will give some when you bottom out, making life a little easier on your engine and driveline components. Spacers are 1/4" thick, 1-1/2" O.D. with a 1/2" hole. Set of two.



Chevy Solid Motor Mount ALL38080

Solid motor mount is 1/4" thick steel and replaces stock Chevy rubber mount to eliminate torque loss and prevent engine movement. Sold each.



Chevy Motor Mount Pads ALL38090

Steel pads are 1/4" thick and traditionally used as shims to gain extra oil pan or header clearance. May also be used for building custom motor mounts or engine stands. Sold in pairs.



JIMMY TUCKER



FASTENERS

3/16" Small Head Economy Rivets


Small head rivets have a 3/8" O.D. head and are packaged 250 per box.



Color	Steel Mandrel	Aluminum Mandrel	Grip Range
Silver	ALL18000	ALL18040	1/4" to 3/8"
White	ALL18001	—	1/4" to 3/8"
Red	ALL18002	—	1/4" to 3/8"
Black	ALL18003	—	1/4" to 3/8"
Blue	ALL18004	—	1/4" to 3/8"
Orange	ALL18005	—	1/4" to 3/8"
Yellow	ALL18006	—	1/4" to 3/8"
Silver	ALL18020	—	5/8" to 3/4"
White	ALL18021	—	5/8" to 3/4"
Red	ALL18022	—	5/8" to 3/4"
Black	ALL18023	—	5/8" to 3/4"

3/16" Small Head Rivets


Small head rivets have a 3/8" O.D. head and are packaged 250 per box.



Color	Steel Mandrel	Aluminum Mandrel	Grip Range
Silver	ALL18101	ALL18107	1/8" to 1/4"
Silver	ALL18103	ALL18109	1/4" to 3/8"
Silver	ALL18105	—	3/8" to 1/2"
White	ALL18114	ALL18116	1/4" to 3/8"
Red	ALL18120	ALL18122	1/4" to 3/8"
Black	ALL18126	ALL18128	1/4" to 3/8"
Pepsi Blue	ALL18132	—	1/4" to 3/8"
Chevron Blue	ALL18134	ALL18135	1/4" to 3/8"
Orange	ALL18136	ALL18137	1/4" to 3/8"
Yellow	ALL18138	ALL18139	1/4" to 3/8"

3/16" Large Head Economy Rivets


Large head rivets have a 5/8" O.D. head and are packaged 250 per box.



Color	Steel Mandrel	Aluminum Mandrel	Grip Range
Silver	ALL18010	ALL18050	1/4" to 3/8"
White	ALL18011	ALL18051	1/4" to 3/8"
Red	ALL18012	ALL18052	1/4" to 3/8"
Black	ALL18013	ALL18053	1/4" to 3/8"
Blue	ALL18014	ALL18054	1/4" to 3/8"
Orange	ALL18015	—	1/4" to 3/8"
Yellow	ALL18016	ALL18056	1/4" to 3/8"
Silver	ALL18030	—	5/8" to 3/4"
White	ALL18031	—	5/8" to 3/4"
Red	ALL18032	—	5/8" to 3/4"
Black	ALL18033	—	5/8" to 3/4"

3/16" Large Head Rivets

Large head rivets have a 5/8" O.D. head and are packaged 250 per box.




Color	Steel Mandrel	Aluminum Mandrel	Grip Range
Silver	ALL18141	ALL18149	1/8" to 1/4"
Silver	ALL18143	ALL18151	1/4" to 3/8"
Silver	ALL18145†	—	3/8" to 1/2"
Silver	ALL18147	ALL18153	3/8" to 1/2"
White	ALL18156	ALL18158	1/4" to 3/8"
Red	ALL18162	ALL18164	1/4" to 3/8"
Black	ALL18168	ALL18170	1/4" to 3/8"
Pepsi Blue	ALL18174	ALL18175	1/4" to 3/8"
Chevron Blue	ALL18176	ALL18177	1/4" to 3/8"
Orange	ALL18178	ALL18179	1/4" to 3/8"
Yellow	ALL18180	ALL18181	1/4" to 3/8"

† Box of 3,000 rivets

3/16" Multi-Grip Rivets


Multi-grip style rivets have a ribbed body that draws panels together tighter than standard smooth body rivets. Select proper grip range and use with 13/64" drill bit for best results. Box of 250.



Color	Steel Mandrel	Aluminum Mandrel	Head Size	Grip Range
Silver	ALL18110	—	Sm. (3/8")	3/16" to 3/8"
Silver	ALL18090	ALL18070	Med. (1/2")	1/16" to 3/8"
Silver	ALL18086	ALL18074	Med. (1/2")	1/16" to 5/8"
Silver	ALL18094	—	Lg. (9/16")	1/16" to 3/8"
Silver	ALL18093	—	Lg. (9/16")	1/16" to 3/4"
White	ALL18092	—	Med. (1/2")	1/16" to 3/8"
White	ALL18096	—	Lg. (9/16")	1/16" to 3/8"
Black	ALL18091	ALL18071	Med. (1/2")	1/16" to 3/8"
Black	ALL18087	ALL18075	Med. (1/2")	1/16" to 5/8"
Black	ALL18095	—	Lg. (9/16")	1/16" to 3/8"
Black	ALL18097	—	Lg. (9/16")	1/16" to 3/4"

3/16" Tri-Fold Rivets


Tri-fold rivets have a perforated body that opens and expands to create a large backside surface area, eliminating the need for backer washers. Use a 13/64" drill bit for best results. Box of 250.



Color	Steel Mandrel	Aluminum Mandrel	Head Size	Grip Range
Silver	—	ALL18184	Sm. (3/8")	1/8" to 3/8"
Silver	—	ALL18183	Med. (1/2")	1/8" to 3/8"
Silver	ALL18185	—	Med. (1/2")	1/8" to 1/2"
Silver	—	ALL18060	Lg. (5/8")	1/8" to 3/8"
White	—	ALL18080	Sm. (3/8")	1/8" to 3/8"
White	—	ALL18188	Med. (1/2")	1/8" to 3/8"
White	—	ALL18061	Lg. (5/8")	1/8" to 3/8"
Red	—	ALL18081	Sm. (3/8")	1/8" to 3/8"
Red	—	ALL18189	Med. (1/2")	1/8" to 3/8"
Red	—	ALL18062	Lg. (5/8")	1/8" to 3/8"
Black	—	ALL18082	Sm. (3/8")	1/8" to 3/8"
Black	—	ALL18187	Med. (1/2")	1/8" to 3/8"
Black	—	ALL18063	Lg. (5/8")	1/8" to 3/8"
Chevron Blue	—	ALL18083	Sm. (3/8")	1/8" to 3/8"
Orange	—	ALL18084	Sm. (3/8")	1/8" to 3/8"
Yellow	—	ALL18085	Sm. (3/8")	1/8" to 3/8"

1/8" Rivets

Small head 1/8" rivets are offered in packages of 25 or boxes of 500.




Color	Stainless Steel Mandrel	Aluminum Mandrel	Qty	Grip Range
Silver	—	ALL18190	500	1/8" to 1/4"
Silver	—	ALL18191	25	1/8" to 1/4"
Silver	—	ALL18192	500	1/4" to 3/8"
Silver	—	ALL18194	25	1/4" to 3/8"
Black	—	ALL18193	500	1/8" to 1/4"
Black	—	ALL18195	500	1/4" to 3/8"
Stainless Steel	ALL18196*	—	500	1/8" to 1/4"
Stainless Steel	ALL18197*	—	25	1"

*Stainless steel body and mandrel.

1/8" Multi-Grip Rivets

Multi-grip style rivets have a ribbed body that draws panels together tighter than standard smooth body rivets. Rivets feature steel mandrels, a 1/8" to 3/8" grip range and are sold in 250-piece boxes.



Part No.	Color
ALL18198	Silver
ALL18098	Black



FASTENERS

1/8" Flange Tri-Fold Rivets

Tri-fold rivets have a perforated body that opens and expands to create a large backside surface area, eliminating the need for backer washers. Rivets feature aluminum mandrels, a 1/8" to 3/8" grip range and are sold in 100-piece boxes.

Part No.	Color
ALL18199	Silver
ALL18099	Black



Back-Up Washers

Back-up washers provide added strength when fastening panels together or when resealing damaged panels.

Part No.	I.D.	O.D.	Pkg. Qty.
Aluminum			
ALL36170	1/8"	3/8"	500
ALL36171	3/16"	1/2"	500
Steel			
ALL18215	3/16"	1"	100



Double Ended Drill Bits

Double ended bits are basically two bits in one. Convenient bit can be flipped around for a fresh sharp bit when drilling panels for Cleco fasteners or rivets. Package of 6.

Part No.	Size
ALL18201	1/8"
ALL18204	3/16"



13/64" Drill Bits ALL18203

Drill bit is for flange rivets. High-speed steel bits have black oxide finishes and self-centering tips. Flute length: 1-3/16", overall length: 2-1/4". Package of 2.



Nylon Tie Wraps

Secure electrical wiring, gauge lines, and roll bar padding. 100 per bag. Available in black, natural, red, blue, yellow, and purple nylon.

Part No.	Size
Black	
ALL14120	3-3/4"
ALL14122	6"
ALL14123	7-1/4"
ALL14124	11-1/4"
ALL14125	14-1/4"
Natural	
ALL14130	3-3/4"
ALL14132	6"
ALL14133	7-1/4"
ALL14134	11-1/4"
ALL14135	14-1/4"
Red	
ALL14126	7-1/4"
ALL14127	14-1/4"
Blue	
ALL14128	7-1/4"
ALL14129	14-1/4"
Yellow	
ALL14136	7-1/4"
ALL14137	14-1/4"
Purple	
ALL14138	7-1/4"
ALL14139	14-1/4"



BRIAN RUHLMAN

Heavy-Duty Nylon Tie-Wraps

Heavy-duty black nylon ties are ideal for emergency repairs and applications that require a secure attachment.

Part No.	Description
ALL14380	8", 25-Pack
ALL14381	14", 25-Pack
ALL14383	21", 10-Pack
ALL14385	36", 10-Pack



Nylon Flush-Fit Tie-Wraps

Flush-fit design ties have the excess portion of the tie exit in the same direction as the original tie, helping to eliminate the protruding sharp portion remaining as found in standard ties. Package of 100.

Part No.	Description
ALL14395	8" Long
ALL14396	11" Long



Nylon Tie-Wraps with Mounting Holes

Built-in tab with mounting hole to easily secure wiring harnesses, hoses or cables to a panel with rivets or other fasteners. Package of 25.

Part No.	Description
ALL14390	8" with #10 Hole
ALL14391	11" with #10 Hole
ALL14392	14" with 1/4" Hole



Tie-Wrap Tool ALL11005

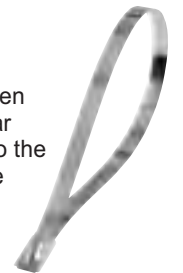
Tired of cuts from nylon tie-wraps that have been trimmed with standard wire cutters? This tool does a great job of drawing nylon ties tight around bundles of wires or cables in tight areas and easily cuts flush with a twist of the wrist. ABS constructed tool has steel cutting blades and works with common size nylon wire ties.



Stainless Steel Tie-Wraps

Stainless steel ties are an excellent choice when securing header wrap to exhaust tubes or similar applications when nylon wraps won't stand up to the heat! Rust and corrosion resistant cable ties are T-304 stainless.

Part No.	Description
ALL34262	7-1/2" Long, Package of 8
ALL34264	14-1/2" Long, Package of 4



Tie-Wrap Mounting Bases

Self-adhesive mounting bases provide a location for attaching standard tie-wraps to secure wiring, cables, and hoses. Bases mount to clean, flat surfaces and accept 75# and smaller wire ties. Package of 10.

Part No.	Description
ALL14116	3/4" x 3/4" Mounting Base
ALL14117	1-1/8" x 1-1/8" Mounting Base



Safety Wire Twister Pliers ALL10120

Never lose another race because of loose bolts. Rugged pliers have an end bearing for smoother, faster twisting, especially in tight areas where a second pull is needed.





FASTENERS

Safety Wire [ALL10121](#)

Stainless steel wire is .032" dia., 1 lb. spool.

Safety Wire Drill Fixture [ALL10122](#)

Accurately drill holes in fasteners, allowing them to be mechanically locked in place with safety wire. Fixture accommodates most 3/16", 1/4", 5/16", 3/8", 7/16", 1/2", and 5/8" socket-head and hex-head fasteners. Guide bolt tightens against fastener, holding it secure for drilling. Fixture includes two guide bolts and two 1/16" drill bits conveniently stored within the fixture.

Replacement Part

Part No.	Size
ALL99102	Replacement Drill Bits, 2-Pack

Quick-Turn Starter Kit [ALL19410](#)

Not sure where to start when using quick-turn fasteners? Use this kit as a starting point to determine correct fasteners for application. Kit includes two different lengths of Allstar's most popular oval head 7/16" fasteners (five ALL19280 and five ALL19286), ten ALL19330 springs and twenty-five multi-grip rivets.

Description	10-Pack	50-Pack
5/16"		
.500" Long, Steel	ALL19186	ALL19188
.500" Long, Aluminum	ALL19256	ALL19258
7/16"		
.400" Long, Steel	ALL19190	ALL19192
.500" Long, Steel	ALL19200	ALL19202
.550" Long, Steel	ALL19210	ALL19212
.400" Long, Aluminum	ALL19260	ALL19262
.500" Long, Aluminum	ALL19266	ALL19268
.550" Long, Aluminum	ALL19270	ALL19272

Flush Head Allen Fasteners

Description	10-Pack	50-Pack
7/16"		
.500" Long, Steel	ALL19142	ALL19143
.550" Long, Steel	ALL19144	ALL19145

Oval Head Fasteners

Description	10-Pack	50-Pack
7/16"		
.500" Long, Steel	ALL19142	ALL19143
5/16"		
.500" Long, Steel	ALL19214	ALL19215
.500" Long, Aluminum	ALL19276	ALL19278
7/16"		
.400" Long, Steel	ALL19216	ALL19218
.500" Long, Steel	ALL19220	ALL19222
.550" Long, Steel	ALL19230	ALL19232
.400" Long, Aluminum	ALL19280	ALL19282
.500" Long, Aluminum	ALL19286	ALL19288
.550" Long, Aluminum	ALL19290	ALL19292

Oval Head Allen Fasteners

Description	10-Pack	50-Pack
5/16"		
.500" Long, Steel	ALL19152	ALL19153
.550" Long, Steel	ALL19154	ALL19155
7/16"		
.500" Long, Steel	ALL19162	ALL19163
.550" Long, Steel	ALL19164	ALL19165
.500" Long, Aluminum	ALL19172	ALL19173
.500" Long, Aluminum*	ALL19176	ALL19177

*Black

Oval Head Aluminum T-30 Torx Fasteners

Description	10-Pack	50-Pack
7/16"		
.500" Long, Silver	ALL19071	ALL19072
.500" Long, Black	ALL19073	ALL19074
.550" Long, Silver	ALL19075	ALL19076
.550" Long, Black	ALL19077	ALL19078

Winged Head Fasteners

Description	10-Pack	50-Pack
7/16"		
.400" Long, Steel	ALL19236	ALL19238
.500" Long, Steel	ALL19240	ALL19242
.550" Long, Steel	ALL19250	ALL19252

Oversized Oval Head Fasteners

Description	10-Pack	50-Pack
7/16"		
.500" Long, Steel	ALL19221	ALL19223
.500" Long, Aluminum	ALL19287	ALL19289

Oversized Oval Head Aluminum Allen Fasteners

Description	10-Pack	50-Pack
7/16"		
.500" Long, Black	ALL19178	ALL19179
.500" Long, Silver	ALL19180	ALL19181

Body Reinforcing Plates

Plates help protect fiberglass and aluminum panels from cracking when using 7/16" quick turn fasteners. Stainless steel plates are precision stamped with a strengthening border, attach with 1/8" rivets, and measure 2" wide x 1" tall.

Part No.	Size
ALL18985	Natural, 10-Pack
ALL18985-50	Natural, 50-Pack
ALL18986	Black, 10-Pack
ALL18986-50	Black, 50-Pack

Quick-Turn Wrench [ALL19400](#)

The Allstar quick-turn fastener wrench fits slot-head fasteners and reduces the risk of body panel or fastener damage when using screwdrivers for loosening or tightening. Features a non-slip handle.



FASTENERS

Flush Head Self-Ejecting Fasteners

Description	10-Pack	50-Pack
5/16"		
.400" Long, Steel	ALL18990	ALL18992
.450" Long, Steel	ALL18996	ALL18998
.500" Long, Steel	ALL19000	ALL19002
.550" Long, Steel	ALL19006	ALL19008
.650" Long, Steel	ALL19010	ALL19012
7/16"		
.500" Long, Steel	ALL19100	ALL19102
.550" Long, Steel	ALL19110	ALL19112

Flush Head Self-Ejecting Allen Fasteners

Description	10-Pack	50-Pack
5/16"		
.500" Long, Steel	ALL19130	ALL19131
.550" Long, Steel	ALL19132	ALL19133
7/16"		
.500" Long, Steel	ALL19136	ALL19137
.550" Long, Steel	ALL19138	ALL19139

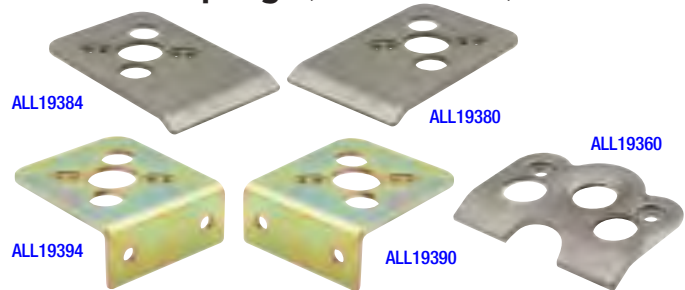
Winged Head Self-Ejecting Fasteners

Description	10-Pack	50-Pack
5/16"		
.400" Long, Steel	ALL19040	ALL19042
.450" Long, Steel	ALL19046	ALL19048
.500" Long, Steel	ALL19050	ALL19052
.550" Long, Steel	ALL19056	ALL19058
.650" Long, Steel	ALL19060	ALL19062
7/16"		
.500" Long, Steel	ALL19064	ALL19066
.650" Long, Steel	ALL19068	ALL19070

Mounting Brackets for 1" Springs (.0625" Thick)

Description	10-Pack	50-Pack
Weld-on, Lightweight	ALL19364	ALL19366
Weld-on Lightweight w/.250" Spring	ALL19365	ALL19367
Weld-on	ALL19340	ALL19342
Weld-on w/ALL19300 Spring	ALL19350	ALL19352

Mounting Brackets for 1" and 1-3/8" Springs (.0625" Thick)



Description	10-Pack	50-Pack
Weld-on, Lightweight (for 1-3/8" Spring Only)	ALL19360	ALL19362
Weld-on, Lightweight w/.375" Spring	ALL19361	ALL19363
Weld-on LH	ALL19380	ALL19382
Weld-on RH	ALL19384	ALL19386
Rivet-on LH	ALL19390	ALL19392
Rivet-on RH	ALL19394	ALL19396

Transfer Punches

For use with quick-turn fasteners, place transfer punch in a weld plate or body panel. Position panel over top of punch and lightly tap with a hammer to leave a mark on the panel where hole is to be drilled.

Part No.	Size
ALL19402	For 5/16" Fasteners
ALL19403	For 7/16" Fasteners



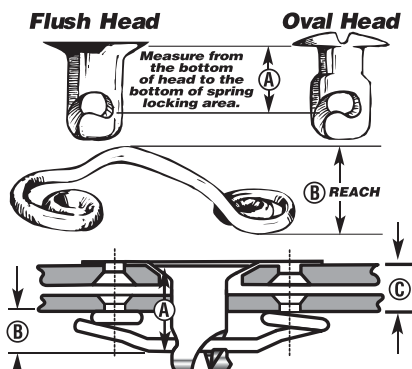
CJ FRENCH

MARCUS BERGLUND

TECH TIP

Quick-Turn Fastener Measurement Guidelines

To find [A] Fastener Length, add together [B] Spring Reach and [C] Material Thickness [including bracket if applicable]. $A=B+C$



		Fastener Length "A"				
		.400"	.450"	.500"	.550"	.600"
Spring Length "B"	1" Springs	Total Material Thickness "C"				
	.250"	.165"-.200"	.215"-.250"	.265"-.300"	.315"-.350"	.365"-.400"
	.325"	.098"-.133"	.148"-.183"	.198"-.233"	.248"-.283"	.348"-.383"
	1-3/8" Springs					
	.325"	.105"-.148"	.155"-.198"	.205"-.248"	.255"-.298"	.355"-.398"
	.375"	.055"-.098"	.105"-.148"	.155"-.198"	.205"-.248"	.305"-.348"
	.425"	.005"-.048"	.055"-.098"	.105"-.148"	.155"-.198"	.255"-.298"

Quick-Turn Springs



ALL19320

Description	10-Pack	50-Pack
1-3/8" (.090" Wire Diameter)		
.325" Reach	ALL19320	ALL19322
.375" Reach	ALL19330	ALL19332
.425" Reach	ALL19336	ALL19338
1" (.080" Wire Diameter)		
.250" Reach	ALL19300	ALL19302
.325" Reach	ALL19310	ALL19312
3/4" (.062" Wire Diameter)		
.200" Reach	ALL19296	ALL19298
.650" Long, Steel	ALL19068	ALL19070

Quick-Turn Spring Fixture

Accurately drill panels when installing quick-turn fastener springs. Start with a 1/4" center hole and use the fixture to locate and drill 1/8" holes for mounting the springs. Size listed is spring center-to-center distance.



ALL19407

Part No.	Size
ALL19406	Fixture for 3/4" Spring
ALL19407	Fixture for 1" Spring
ALL19408	Fixture for 1-3/8" Spring

Quick-Turn Spring Adjuster ALL19405

This tool is a must when adjusting tension of quick-turn springs. Simply turn knob on adjuster to evenly pull or push spring without kinking or breaking spring.



Clamp-On Quick-Turn Fastener Brackets

These cool brackets allow you to clamp a quick-turn bracket to round tubing. Allows a flush-mount bracket behind a panel without grinding your powder coat. Designed for use with 1-3/8" quick-turn springs, insert plates, or threaded nut inserts. Black anodized.



Part No.	Size
ALL19430	1"
ALL19431	1-1/4"
ALL19432	1-3/8"
ALL19433	1-1/2"
ALL19434	1-5/8"
ALL19435	1-3/4"

Related Components



ALL19330

ALL19422

ALL19448

ALL19447

Part No.	Size
ALL19330	Quick Turn Spring 1-3/8" (Most Popular)
ALL19422	Quick Turn Insert Plate, 1/4"-20 Thread
ALL18547	Threaded Nut Insert, Steel, 1/4"-20 Thread
ALL18548	Threaded Nut Insert, Aluminum, 1/4"-20 Thread

Quick-Turn Fastener Insert Plates

Insert plate directly replaces the quick-turn spring, allowing panels to be bolted together. May also be used as a blind nut on a panel with limited access. Inserts have 1/4"-20 threads and are typically riveted to the backside of a panel or bracket with 1/8" rivets.

Part No.	Size
ALL19420	1", 2-Pack
ALL19420-10	1", 10-Pack
ALL19420-50	1", 50-Pack
ALL19422	1-3/8", 2-Pack
ALL19422-10	1-3/8", 10-Pack
ALL19422-50	1-3/8", 50-Pack



Threaded Insert Tool Kit ALL19450

Tool works with a cordless drill to install a threaded insert into a panel or bracket. Inserts are helpful when the backside of the panel is not easily accessible. Simply drill the correct size hole, install the threaded insert onto the mandrel, then place the insert into the hole and tighten using any cordless drill. Once the insert is compressed, reverse the drill and remove the mandrel from the insert. Kit includes mandrel and nosepiece for 1/4"-20, 5/16"-18 and 3/8"-16 inserts, other sizes available separately. Threaded inserts sold separately.



Replacement Parts

Part No.	Size
ALL19452	Mandrel and Nosepiece for 8-32
ALL19453	Mandrel and Nosepiece for 10-24
ALL19454	Mandrel and Nosepiece for 10-32
ALL19455	Mandrel and Nosepiece for 1/4"-20
ALL19456	Mandrel and Nosepiece for 5/16"-18
ALL19457	Mandrel and Nosepiece for 3/8"-16



ALL19454

Threaded Inserts

Steel inserts are helpful when the backside of the panel is not easily accessible. Inserts work great for frequently removed items including gauge panels, switch panels, access panels, and body panels, or when mounting items to trailer walls. Inserts are designed for installation using insert tool ALL19450 with coordinating mandrel and nosepiece. Package of 10.



Part No.	Thread Size	Grip Range	Body Length (Before Comp.)
ALL19460	8-32	Up to .080"	.420"
ALL19461	10-24	Up to .130"	.475"
ALL19462	10-32	Up to .130"	.475"
ALL19463	1/4"-20	Up to .165"	.580"
ALL19465	5/16"-18	Up to .150"	.690"
ALL19467	3/8"-16	Up to .150"	.690"



DONA MARCOULLIER

STEVE DATEMA



FASTENERS

Aluminum Countersunk Bolt Kits

Kit includes specially designed aluminum washers that allow the socket-head fasteners to install flush with the surface, creating a smooth, finished look. Many uses include mounting roofs, side skirts, spoilers, and replacing sharp edged fasteners inside cockpit. Kits include washers, bolts, and nyloc nuts.



Bolt Size	Washer O.D.	Finish	10-Pack	50-Pack
Countersunk Bolt Kits				
#10-24 x 1"	1"	Clear	ALL18630	ALL18630-50
#10-24 x 1"	1"	Black	ALL18631	ALL18631-50
1/4"-20 x 1"	1"	Clear	ALL18632	ALL18632-50
1/4"-20 x 1"	1"	Black	ALL18633	ALL18633-50
1/4"-20 x 1"	1-1/4"	Clear	ALL18634	ALL18634-50
1/4"-20 x 1"	1-1/4"	Black	ALL18635	ALL18635-50

Plastic Countersunk Bolt Kits

Kit includes specially designed plastic washers which allow the socket-head fasteners to install flush with the surface creating a smooth, finished look. Many uses include mounting roofs, side skirts, spoilers, and replacing sharp-edged fasteners inside cockpit. Kits include washers, bolts, and nyloc nuts.



Bolt Size	Washer O.D.	Color	10-Pack	50-Pack
1/4"-20 x 1"	1"	Black	ALL18680	ALL18680-50
1/4"-20 x 1"	1"	White	ALL18681	ALL18681-50
1/4"-20 x 1"	1"	Red	ALL18682	ALL18682-50
1/4"-20 x 1"	1"	Blue	ALL18683	ALL18683-50
1/4"-20 x 1"	1"	Orange	ALL18684	ALL18684-50
1/4"-20 x 1"	1"	Silver	ALL18685	ALL18685-50
1/4"-20 x 1"	1"	Pink	ALL18686	ALL18686-50
1/4"-20 x 1"	1"	Purple	ALL18687	ALL18687-50
1/4"-20 x 1"	1"	Fluorescent Yellow	ALL18688	ALL18688-50
1/4"-20 x 1"	1"	Fluorescent Orange	ALL18689	ALL18689-50

Body Bolt Kits

Bolts are designed for easy installation and removal, have 1/4"-20 thread and a built-in captured washer. Nuts have built-in serrations which prevent loosening. Body bolts are commonly used to fasten body panels and side skirts for easy removal but may be used anywhere a bolt with a captured washer is needed.



Under-Head Length	Color	10-Pack	50-Pack
3/4"	Black	ALL18553	ALL18553-50
	Clear	ALL18654	ALL18654-50
1-1/8"	Black	ALL18560	ALL18560-50
	Clear	ALL18655	ALL18655-50
	Gold	ALL18561	ALL18561-50

Body Bolts

These bolts are the same bolts found in our body bolt kits but without nuts. Bolts have 1/4"-20 threads and a built-in captured washer. Bolts are commonly used to fasten body panels and side skirts for easy removal, used anywhere a bolt with a captured washer is needed.

Under-Head Length	Color	10-Pack	50-Pack
3/4"	Black	ALL16550	ALL16550-50
	Silver	ALL16552	ALL16552-50
1-1/8"	Black	ALL16553	ALL16553-50
	Gold	ALL16554	ALL16554-50
	Silver	ALL16555	ALL16555-50

Spin Lock Nuts

Nuts have a built-in washer with a serrated face to lock nut tight against panels. 1/4"-20 nuts are perfect to use as a backer nut with Allstar body bolts, nose bolts, and body stud kits.

Color	10-Pack	50-Pack
Black	ALL18555	ALL18555-50
Gold	ALL18556	ALL18556-50
Silver	ALL18557	ALL18557-50



Steel Fender Washers

Washers have 1/4" I.D., 1" O.D. and are sold 100 to a pack.



Body Bolt Kit with Clips

Kit allows the clip to stay fastened to body panel or angle bracing when removing body panels for maintenance or cleaning. 1/4"-20 thread bolts are 1-1/8" UHL and have a built-in captured washer.

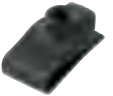
Bolt Color	10-Pack	50-Pack
Black	ALL18558	ALL18558-50
Clear	ALL18656	ALL18656-50
Gold	ALL18559	ALL18559-50



Body Bolt Clips

Steel clips have built-in 1/4"-20 threads making them ideal for often removed panels or when the backside is not easily accessible. Clips feature a friction tab to hold clips firmly in place on panels up to 3/16" thick. Dimension listed is center of hole to edge of clip (depth).

Depth	10-Pack	50-Pack
1/2"	ALL18554	ALL18554-50
3/4"	ALL18564	ALL18564-50



Aluminum Body Bolt Washers

1-1/4" O.D. aluminum washers work with most body bolts to increase the surface area, preventing pull-through while providing a smooth, finished look. Washers are 1/8" thick and have a built-in pocket to accept most body bolts or other washer headed fasteners up to 3/4" in diameter.



Finish	10-Pack	50-Pack
Clear	ALL18840	ALL18840-50
Black	ALL18841	ALL18841-50

Plastic Body Bolt Washers

1-1/4" O.D. plastic washers work with most body bolts to increase the surface area, preventing pull-through while providing a smooth, finished look. Washers are 1/8" thick and have a built-in pocket to accept most body bolts or other washer headed fasteners up to 3/4" in diameter.

Color	10-Pack	50-Pack
Black	ALL18845	ALL18845-50
White	ALL18846	ALL18846-50
Red	ALL18847	ALL18847-50
Blue	ALL18848	ALL18848-50
Orange	ALL18849	ALL18849-50
Silver	ALL18850	ALL18850-50
Pink	ALL18851	ALL18851-50
Purple	ALL18852	ALL18852-50
Fluorescent Yellow	ALL18853	ALL18853-50
Fluorescent Orange	ALL18854	ALL18854-50





FASTENERS

Flush Mount Bolts

1/4"-20 flush mount bolts have a 1" O.D. beveled head to provide a smooth, finished appearance and are slotted for installation with a standard screwdriver. Excellent choice when securing body panels, roof panels, nose supports, spoiler sides, and many other uses. Size noted is under-head length. Package of 10.

Length	Steel	Aluminum	Black Aluminum
3/4"	ALL18640	ALL18641	ALL18642
1"	ALL18645	ALL18646	ALL18647
1-1/4"	ALL18650	ALL18651	ALL18652



Nose Bolt Kit 2.5in 10pk ALL18563

Kit provides a nice, smooth finished look on the top edge of nose panels when installing lower nose supports. Kit includes 10 bolts, flat washers, and flanged nuts.



Windshield Mounting Kit

Flat #8-32 x 1/2" long head countersunk bolt kits are the correct way to mount racing windshields to minimize cracking commonly found when using rivets. Use when you need a flush finish. Package of 50.

Part No.	Description
ALL16914	Stainless
ALL16930	Black



Ludwig Clamps ALL18232

Clamps are used to secure access panels, deck lids, and a variety of other items in place. Zinc-plated carbon steel clamps have a 3/16" mounting hole allowing clamp to be bolted or riveted in place. Package of 4.



Threaded Nut Insert

Insert provides a convenient option to quickly install and easily remove a 1/4"-20 fastener on panels up to 1/8" thick. Insert fits into a 3/8" O.D. hole and is held in place on the backside by a steel serrated locking nut. Internal threads accept fasteners ideal for mounting dash panels, access panels, body panels, electrical components or other accessories.

Insert Material	2-Pack	10-Pack	50-Pack
Steel	ALL18547	ALL18547-10	ALL18547-50
Aluminum	ALL18548	ALL18548-10	ALL18548-50



Set Screws

Standard cup-point set screws are manufactured from alloy steel and heat treated for maximum holding power. Common replacements for oil pump pulleys, coil over kits, and many other applications. Package of 10.

Part No.	Description
ALL16902	#10-24 x 3/8"
ALL16903	#10-32 x 3/8"
ALL16905	1/4"-20 x 1/4"
ALL16907	1/4"-20 x 3/4"



ALL16903

Socket-Head Bolts Coarse Thread Grade 5

Socket-head bolts are coarse thread, grade 5. Package of 5.

Length	1/4"-20	5/16"-18	3/8"-16	7/16"-14	1/2"-13
3/4"	ALL16731	ALL16741	ALL16751	—	—
1"	ALL16732	ALL16742	ALL16752	ALL16762	ALL16772
1-1/2"	ALL16734	ALL16744	ALL16754	ALL16764	ALL16774
2"	ALL16736	ALL16746	ALL16756	ALL16766	ALL16776



Button-Head Bolts ALL16936

Hard-to-find, button-head bolts provide a nice finished look to your project.

Size	Length	Pkg. Qty	Black	Stainless
8-32	1/2"	25	ALL16936	ALL16920
10-24	1/2"	25	ALL16938	ALL16922
1/4"-20	1/2"	25	ALL16940	ALL16924
1/4"-20	3/4"	25	ALL16941	ALL16925
5/16"-18	1"	10	ALL16944	—
3/8"-16	1"	10	ALL16946	—



MATTHEW SPRAGUE

WYNTER ROSE/DIRT XTC IMAGES



ANDY SPRAGUE

TOM SPRAGUE JR.

WYNTER ROSE/DIRT XTC IMAGES



FASTENERS

Hex-Head Bolts – Coarse Thread Grade 5

Length	1/4"-20	5/16"-18	3/8"-16	7/16"-14	1/2"-13	5/8"-11	3/4"-10
3/4"	ALL16201	ALL16221	ALL16241	—	ALL16281	—	—
1"	ALL16202	ALL16222	ALL16242	ALL16262	ALL16282	—	—
1-1/4"	ALL16203	ALL16223	ALL16243	ALL16263	ALL16283	—	—
1-1/2"	ALL16204	ALL16224	ALL16244	ALL16264	ALL16284	—	—
1-3/4"	ALL16205	ALL16225	ALL16245	ALL16265	ALL16285	—	—
2"	ALL16206	ALL16226	ALL16246	ALL16266	ALL16286	ALL16316	ALL16336
2-1/4"	—	—	—	—	ALL16287	—	—
2-1/2"	ALL16208	ALL16228	ALL16248	ALL16268	ALL16288	ALL16318	ALL16338
2-3/4"	—	—	—	—	ALL16289	—	—
3"	ALL16210	—	ALL16250	ALL16270	ALL16290	ALL16320	ALL16340
3-1/2"	ALL16211	—	—	ALL16271	ALL16291	ALL16321	—
4"	ALL16212	—	ALL16252	ALL16272	ALL16292	ALL16322	ALL16342
4-1/2"	ALL16213	—	—	ALL16273	ALL16293	—	—
5"	ALL16214	—	ALL16254	—	ALL16294	ALL16324	ALL16344
6"	—	—	ALL16256	—	ALL16296	ALL16326	ALL16346
6-1/2"	—	—	—	—	—	—	ALL16347
7"	—	—	ALL16258	—	ALL16298	—	ALL16348
7-1/2"	—	—	—	—	—	—	ALL16349
8"	—	—	—	—	—	—	ALL16350



Hex-Head Bolts – Fine Thread Grade 5

Length	1/4"-28	5/16"-24	3/8"-24	7/16"-20	1/2"-20	5/8"-18	3/4"-16
1"	ALL16402	ALL16422	ALL16442	ALL16462	ALL16482	—	—
1-1/2"	ALL16404	ALL16424	—	ALL16464	ALL16484	—	—
2"	ALL16406	ALL16426	ALL16446	ALL16466	ALL16486	—	ALL16536
2-1/2"	—	—	—	ALL16468	ALL16488	ALL16518	ALL16538
3"	—	—	—	ALL16470	ALL16490	ALL16520	ALL16540
3-1/2"	—	—	—	—	—	—	ALL16541
4"	—	—	—	ALL16472	ALL16492	ALL16522	ALL16542
5"	—	—	—	ALL16474	ALL16494	—	ALL16544
6"	—	—	—	ALL16476	—	—	ALL16546



Titanium Bolts

Titanium bolts have a dimpled low profile hex head and are available in a variety of fine and coarse thread lengths.



Titanium Hex Head Bolts - Fine Thread

Length	7/16"-20	1/2"-20	5/8"-18	3/4"-16
1-1/4"	ALL17463	—	—	—
1-3/4"	—	—	ALL17515	—
2"	—	ALL17486	ALL17516	—
2-1/4"	—	ALL17487	ALL17517	—
2-1/2"	—	ALL17488	ALL17518	—
2-3/4"	—	ALL17489	ALL17519	ALL17539
3"	—	ALL17490	ALL17520	ALL17540
3-1/4"	—	ALL17491	ALL17521	ALL17541
3-1/2"	—	ALL17492	ALL17522	ALL17542
3-3/4"	—	—	—	ALL17543
4"	—	—	ALL17524	ALL17544
4-1/4"	—	ALL17495	ALL17526	ALL17545
4-1/2"	—	ALL17496	—	—
5"	—	ALL17497	—	—
5-1/2"	ALL17475	—	—	—
6"	ALL17476	—	—	ALL17549
6-1/2"	—	—	—	ALL17550
7"	—	—	ALL17531	—
7-1/4"	—	—	—	ALL17552



Titanium Hex Head Bolts - Coarse Thread

Length	5/16"-18	7/16"-14	1/2"-13	5/8"-11	3/4"-10
3/4"	ALL17221	—	—	—	—
1"	ALL17222	—	—	—	—
1-1/4"	ALL17223	ALL17263	—	—	—
1-1/2"	—	ALL17264	—	—	—
1-3/4"	—	—	ALL17285	ALL17315	—
2"	—	ALL17266	ALL17286	ALL17316	—
2-1/4"	—	ALL17267	ALL17287	ALL17317	—
2-1/2"	—	—	ALL17288	ALL17318	—
2-3/4"	—	—	ALL17289	—	ALL17339
3"	—	—	ALL17290	—	—
3-1/2"	—	—	ALL17291	—	—



LARRY PASSENIER

WYNTER ROSE/DIRT XTC IMAGES



CHRIS GARRETT

RW MOTORSPORTS MARKETING



FASTENERS

Hex Nuts and Washers



Nut



Nylon Insert



Thin Nylon Insert



Mechanical Lock Nut



Flange Nut

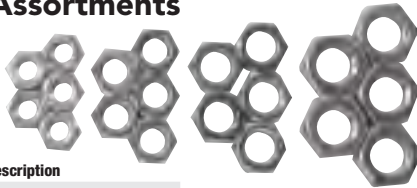


Coarse Thread	1/4"-20	5/16"-18	3/8"-16	7/16"-14	1/2"-13	5/8"-11	3/4"-10
Nut, 10-Pack	ALL16000-10	ALL16001-10	ALL16002-10	ALL16003-10	ALL16004-10	ALL16005-10	ALL16006-10
Nut, 50-Pack	ALL16000-50	ALL16001-50	ALL16002-50	ALL16003-50	ALL16004-50	—	—
Nylon Insert, 10-Pack	ALL16010-10	ALL16011-10	ALL16012-10	ALL16013-10	ALL16014-10	ALL16015-10	ALL16016-10
Nylon Insert, 50-Pack	ALL16010-50	ALL16011-50	ALL16012-50	ALL16013-50	ALL16014-50	—	—
Thin Nylon Insert, 10-Pack	ALL16020-10	ALL16021-10	ALL16022-10	ALL16023-10	ALL16024-10	ALL16025-10	ALL16026-10
Mech. Lock Nut, 10-Pack	ALL16030-10	ALL16031-10	ALL16032-10	ALL16033-10	ALL16034-10	ALL16035-10	ALL16036-10
Flange Nut, 10-Pack	ALL18557	ALL16041-10	ALL16042-10	ALL16043-10	ALL16044-10	ALL16045-10	—
Fine Thread	1/4"-28	5/16"-24	3/8"-24	7/16"-20	1/2"-20	5/8"-18	3/4"-16
Nut, 10-Pack	ALL16050-10	ALL16051-10	ALL16052-10	ALL16053-10	ALL16054-10	ALL16055-10	ALL16056-10
Nylon Insert, 10-Pack	ALL16060-10	ALL16061-10	ALL16062-10	ALL16063-10	ALL16064-10	ALL16065-10	ALL16066-10
Thin Nylon Insert, 10-Pack	ALL16070-10	ALL16071-10	ALL16072-10	ALL16073-10	ALL16074-10	ALL16075-10	ALL16076-10
Mech. Lock Nut, 10-Pack	ALL16080-10	ALL16081-10	ALL16082-10	ALL16083-10	ALL16084-10	ALL16085-10	ALL16086-10
Washers	1/4"	5/16"	3/8"	7/16"	1/2"	5/8"	3/4"
USS Flat*, 25-Pack	ALL16100-25	ALL16101-25	ALL16102-25	ALL16103-25	ALL16104-25	ALL16105-25	ALL16106-25
SAE Flat*, 25-Pack	ALL16110-25	ALL16111-25	ALL16112-25	ALL16113-25	ALL16114-25	ALL16115-25	ALL16116-25
Lock, 25-Pack	ALL16120-25	ALL16121-25	ALL16122-25	ALL16123-25	ALL16124-25	ALL16125-25	ALL16126-25
Lock for SHCS, 25-Pack	ALL16130-25	ALL16131-25	ALL16132-25	ALL16133-25	ALL16134-25	—	—
AN, 25-Pack	ALL16150-25	ALL16151-25	ALL16152-25	ALL16153-25	ALL16154-25	—	—

* USS washers have a larger O.D. than SAE washers.

Steel Jam Nut Assortments

Assortments contain five each of 1/4"-20, 5/16"-24, 3/8"-24, 7/16"-20, 1/2"-20, 5/8"-18, and 3/4"-16.



Part No.	Description
ALL18290	35 Asst. RH Jam Nuts
ALL18291	35 Asst. LH Jam Nuts

Jam Nuts - Standard Hex

Allstar jam nuts have many uses. Great for locking rod ends tightly on suspension tubes or rack and pinion steering units. Package of 4, unless noted.

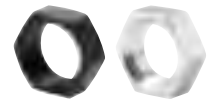
Thread	Wrench	Steel	Aluminum
1/4"-28 RH	7/16"	ALL18250	—
1/4"-28 LH	7/16"	ALL18251	—
5/16"-24 RH	1/2"	ALL18252	—
5/16"-24 LH	1/2"	ALL18253	—
3/8"-24 RH	9/16"	ALL18254	ALL18274
3/8"-24 LH	9/16"	ALL18255	ALL18275
7/16"-20 RH	11/16"	ALL18256	ALL18276
7/16"-20 LH	11/16"	ALL18257	ALL18277
1/2"-20 RH	3/4"	ALL18258	ALL18278
1/2"-20 LH	3/4"	ALL18259	ALL18279
5/8"-18 RH	15/16"	ALL18260	ALL18280
5/8"-18 LH	15/16"	ALL18261	ALL18281
3/4"-16 RH	1-1/8"	ALL18262	ALL18282
3/4"-16 LH	1-1/8"	ALL18263	ALL18283
3/4"-10 RH	1-1/8"	ALL18264†	—
7/8"-9 RH	1-5/16"	ALL18266† (Sway Bar Adj.)	—
1"-8 RH	1-1/2"	ALL56110† (Jack Bolt)	—

† Sold each. ‡ Commonly used with UBM35-1107, 3/4"-10 jack bolt.



Jam Nuts - Small Hex

Specialty jam nuts have smaller outside diameters, allowing smaller wrenches to be used when changing radius rod lengths. Example: with 1/2" bolts, the same 3/4" wrench can be used to adjust radius rod or mounting hole locations. Package of 4.



Thread Size	Wrench Size	Steel	Alum.	Black Alum.
5/8"-18 RH	3/4"	ALL18292	ALL18296	ALL18286
5/8"-18 LH	3/4"	ALL18293	ALL18297	ALL18287
3/4"-16 RH	15/16"	ALL18294	ALL18298	ALL18288
3/4"-16 LH	15/16"	ALL18295	ALL18299	ALL18289

Spin Lock Nuts

Nuts have a built-in washer with a serrated face to lock nut tight against panels. 1/4"-20 nuts are perfect to use as a backer nut with Allstar body bolts, nose bolts, and body stud kits.

Color	10-Pack	50-Pack
Black	ALL18555	ALL18555-50
Gold	ALL18556	ALL18556-50
Silver	ALL18557	ALL18557-50



Black Half Nuts ALL17048

Black-plated steel 1/2"-20 nylon lock nuts are grade 8 and a lightweight option to keep fasteners in place. Package of 10.



AJ EMMS

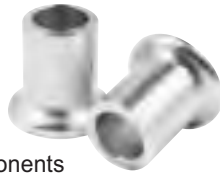
KEN KELLY



FASTENERS

Tapered Spacers

Universal spacers have many uses including spacing rod ends on linkages to prevent binding or just to provide clearance. Spacers provide a finished look when fitting body panels or spacing components away from floors and firewalls. Package of 2.



I.D.	Small O.D.	Large O.D.	Length	Steel	Aluminum
1/4"	.345	.500	1/4"	—	ALL18700
			1/2"	—	ALL18702
5/16"	.475	.625	1/4"	—	ALL18706
			1/2"	—	ALL18708
3/8"	.525	.680	1/4"	—	ALL18712
			1/2"	—	ALL18714
			1"	—	ALL18716
			1 1/4"	ALL18570	ALL18590
1/2"	.740	.995	3/8"	ALL18571	—
			1/2"	ALL18572	ALL18592
			3/4"	ALL18574	ALL18594
			1"	ALL18576	ALL18596
			1 1/2"	ALL18578	ALL18595
5/8"	.825	.995	1/4"	ALL18580	ALL18597
			1/2"	ALL18582	ALL18598
			3/4"	ALL18584	ALL18599
			1"	ALL18586	—
			1 1/2"	ALL18585	—
3/4"	.950	1.125	1/2"	ALL18587	—
			3/4"	ALL18588	—
			1"	ALL18589	—

Hourglass Spacers



Tired of simple spacers on your cool ride, these spacers look nice while also offering additional support on both ends. Package of 2.

Length	1/4" I.D. 1" O.D.	5/16" I.D. 1" O.D.	3/8" I.D. 1" O.D.	1/2" I.D. 1 1/2" O.D.
1/4"	ALL18800	ALL18810	ALL18820	ALL18830
1/2"	ALL18802	ALL18812	ALL18822	ALL18832
1"	ALL18804	ALL18814	ALL18824	ALL18834
1 1/2"	ALL18806	ALL18816	ALL18826	ALL18836
2"	ALL18808	ALL18818	ALL18828	ALL18838

Aluminum Flat Spacers

Flat spacers are great for shimming and adding additional clearance to brackets for brake calipers, power steering, alternators, dry sump pumps, or just about anything to help with alignment issues. Package of 2.

Thickness	3/8" I.D. (11/16" O.D.)	1/2" I.D. (1" O.D.)
1/8"	ALL18740	ALL18760
1/4"	ALL18742	ALL18762
3/8"	ALL18744	ALL18764
1/2"	ALL18746	ALL18766



Rod End Reducer Bushings

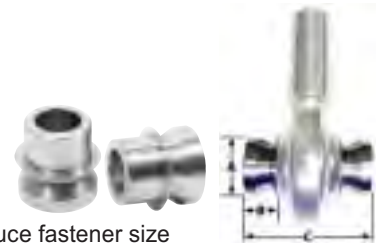
Steel bushings reduce the rod end pivot ball I.D. to accept a smaller bolt size.

O.D. To I.D.	2-Pack	10-Pack
1/2" to 3/8"	ALL18565	ALL18565-10
5/8" to 1/2"	ALL18566	ALL18566-10
3/4" to 1/2"	ALL18567	ALL18567-10
3/4" to 5/8"	ALL18568	ALL18568-10



High Misalignment Reducer Spacers

Dual-purpose spacers reduce fastener size mounting hole and allow the rod end to rotate more than 30° in each direction which is 25% more than most standard spacers. Stainless steel spacers resist rust and corrosion. Package of 2.



Rod End Size	I.D.	O.D. "A"	Length "B"	Overall Width "C"	Part No.
5/8"	1/2"	.750"	.465"	1.68"	ALL18785
3/4"	1/2"	.890"	.475"	1.825"	ALL18786
3/4"	5/8"	.890"	.475"	1.825"	ALL18787

5/8" Rod End Reducer Spacers

Reducer spacers fit into 5/8" rod ends, reducing the hole size for 1/2" hardware while also spacing the rod end away from chassis brackets. Standard spacers are 3/4" O.D. and flanged spacers have 1" O.D. flanges to help support rod end. Size referenced indicates the amount of space between rod end pivot ball and chassis bracket. Package of 2.



Part No.	Description
Standard Spacers	
ALL18615	Aluminum, 1/2"
ALL18617	Aluminum, 1"
ALL18618	Aluminum, 1-1/4"
ALL18619	Aluminum, 1-3/4"
Flanged Spacers	
ALL18611	Aluminum, 1/4"
ALL18613	Aluminum, 1/2"
ALL18610	Steel, 1/4"
ALL18612	Steel, 1/2"



Shock Spacers

Steel spacers have a 1/2" I.D. and 3/4" O.D. and can be used in a variety of other locations.

Length	2-Pack	10-Pack
1/4"	ALL64280	ALL64280-10
1/2"	ALL64282	ALL64282-10
5/8"	ALL64283	ALL64283-10
3/4"	ALL64284	ALL64284-10



Rod Ends

Two-piece spherical rod ends have a pivoting steel ball and are sold each.



Bore x Thread	RH Male	LH Male	RH Female	Strength
Standard Series Steel				
1/4" x 1/4"-28	ALL58004	ALL58014	ALL58034	2,835 lbs
5/16" x 5/16"-24	ALL58005	ALL58015	ALL58035	4,517 lbs
3/8" x 3/8"-24	ALL58006	ALL58016	ALL58036	6,323 lbs
1/2" x 1/2"-20	ALL58008	ALL58018	ALL58038	10,046 lbs
5/8" x 5/8"-18	ALL58010	ALL58020	ALL58040	15,488 lbs
3/4" x 3/4"-16	ALL58012	ALL58022	ALL58042	15,894 lbs
3/4" x 3/4"-16	ALL58013†	—	—	15,894 lbs
Pro Series Steel (Moly) – Black				
1/2" x 1/2"-20	ALL58058	ALL58068	—	17,000 lbs
1/2" x 5/8"-18	ALL58059	ALL58069	—	19,300 lbs
5/8" x 5/8"-18	ALL58060	ALL58070	—	18,000 lbs
3/4" x 3/4"-16	ALL58062	ALL58072	—	25,000 lbs
Pro Series Steel (Moly) – Black (PTFE Lined)				
1/2" x 5/8"-18	ALL58079	ALL58084	—	17,650 lbs
5/8" x 5/8"-18	ALL58080	ALL58085	—	15,200 lbs
3/4" x 3/4"-16	ALL58082	ALL58086	—	21,400 lbs
Aluminum – Black				
1/2" x 1/2"-20	ALL58088	ALL58098	—	7,700 lbs
1/2" x 5/8"-18	ALL58089	ALL58099	—	15,000 lbs

† ALL58013 has an oversized hole and is for use with steering shaft tubing.



FASTENERS

Heavy-Duty 3/4" Chrome Moly Rod Ends

Often referred to as "Aircraft-Style", these heavy-duty 4130 chrome moly rod ends have larger bodies, making them thirty percent stronger than standard 3/4" rod ends. These rod ends are commonly used on Panhard bars and lower strut rods.

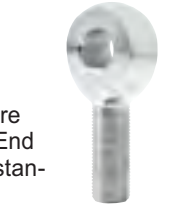


ALL99314 ALL99315

Part No.	Description
ALL99314	RH Male, 3/4" x 3/4"-16
ALL99315	RH Female, 3/4" x 3/4"-16

3/4" Solid Rod End ALL58112

Solid rod ends are built using 1045 steel and are then chrome plated for added wear resistance. End has a body width of .875" to match the width of standard rod ends.



Bolt Center Caps ALL10678

Caps slip over the head of standard 1/2" bolts to accurately measure the center-to-center length of installed suspension tube assemblies. Machined step secures the end of a standard tape measure for easy reading of the length to the center of the opposite cap. Caps feature a built-in O-ring that allows the cap to swivel on the bolt head and keeps it from falling off. Package of 2.



Steel Shock Quick Pin ALL60108

Steel shock quick pins allow coil-over shocks to be quickly serviced or changed. Works with Allstar coil-over brackets, eliminating the need for a separate bushing. Shock quick pins are 2-1/2" long and include a hairpin. Sold each.



Titanium Shock Quick Pins

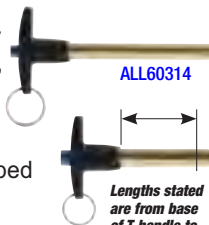
Titanium shock quick pins allow coil-over shocks to be quickly serviced or changed. ALL17120 has a long shoulder and will work with Allstar coil-over brackets, eliminating the need for a separate bushing. ALL17121 is commonly used on non-bushing type brackets, but can be used with Allstar brackets along with bushing. Shock quick pins are 2-1/2" long and include a hairpin.



Part No.	Description
ALL17120	Quick Pin with Shoulder
ALL17121	Quick Pin without Shoulder

Quick Release T-Handle Pins

Positive-lock quick-release pins hold tightly in place until the handle button is depressed, allowing the pin to be inserted or removed into or out of a hole with ease. Handles are made from die-cast 380 aluminum, shanks are made from 4130 steel. Each pin is equipped with a stainless steel split ring to allow the attachment of a cable assembly.



ALL60314
Lengths stated are from base of T-handle to top of detent ball.

Part No.	Description	Part No.	Description
ALL60300	1/4" x 1"	ALL60312	3/8" x 3"
ALL60301	1/4" x 1-1/2"	ALL60314	1/2" x 2"
ALL60302	1/4" x 2"	ALL60318	1/2" x 2-1/2"
ALL60304	5/16" x 1"	ALL60320	1/2" x 3"
ALL60306	5/16" x 2"	ALL99314	1/2" x 3-1/2"
ALL60306	5/16" x 3"	ALL60326	5/8" x 2"
ALL60308	3/8" x 1"	ALL60328	5/8" x 2-1/2"
ALL60310	3/8" x 2"	ALL60330	5/8" x 3"

Quick Pin Lock Collar

Steel lock collar provides a positive lock for quick-release pins. Black coated collar with button-head machine screw allows attachment of a securing device, like an Allstar lanyard (ALL18461 or ALL18463).



ALL60335

Part No.	Description
ALL60335	1/2" Collar with 10-32 Screw
ALL60336	5/8" Collar with 1/4"-28 Screw



1/2" Steel Hood Pin Kits

Kits include two each: 4" long x 1/2" diameter chrome steel pins, chrome steel scuff plates, clips, and four nuts. Available with flip-over or hairpin-style clips.

Part No.	Description
ALL18512	Kit with 3/16" Dia. Flip-Over Clips
ALL18513	Kit with 1/4" Dia. Flip-Over Clips
ALL18514	Kit with 5/32" Dia. Hairpin Clips



ALL18512

ALL18514

1/2" Aluminum Hood Pin Kits

Kits include two each: 4" x 1/2" diameter aluminum pins, aluminum scuff plates, flip-over style, 1/4" diameter steel clips, and four nuts. Clip flips over pin and over-center action locks clip in place.

Color	Complete Kit	Pins Only, 1-Pair
Silver (Plain)	ALL18500	ALL18507
Red Anodized	ALL18501	ALL18508
Blue Anodized	ALL18502	ALL18509
Gold Anodized	ALL18503	ALL18510
Black Anodized	ALL18504	ALL18511



3/8" Aluminum Hood Pin Kits

Kits include two aluminum 3-1/2" x 3/8" diameter pins, two aluminum scuff plates, two flip-over style 3/16" diameter steel clips, and four nuts. Clip flips over stud and locks into place. Over-center action keeps clip in place.

Color	Complete Kit	Pins Only, 1-Pair
Silver (Plain)	ALL18480	ALL18487
Red Anodized	ALL18481	ALL18488
Blue Anodized	ALL18482	ALL18489
Black Anodized	ALL18484	ALL18491



Lightweight Hood Pin Kits

Kits include two 2-3/4" long gun-drilled aluminum pins, two clips, two lightweight aluminum plates, and four steel jam nuts.

Color	Kit with 3/8" Pins	Kit with 1/2" Pins
Silver (Plain)	ALL18472	ALL18476
Black Anodized	ALL18473	ALL18477





FASTENERS

Hood Pin Supports

Supports thread onto hood pins (before installation) and are a good alternative to sections of rubber hose commonly used to support hoods and deck lids. Once supports are in place, a set screw prevents movement. Supports work with Allstar Performance aluminum hood pins and other fully threaded hood pins. Package of 2.

Part No.	Description
ALL18478	3/8"-24
ALL18479	1/2"-20

Hood Pin Extensions

Aluminum extensions fit into existing chassis mounts. 1/2"-20 male to 1/2"-20 female, with 13/16" thread depth. Sold each.

Part No.	Description
ALL18524	1-3/4" Tall
ALL18525	2-3/4" Tall

Hood Pin Adapters

Aluminum adapters convert existing chassis mounts over to hood pin mounts. Sold each.

Part No.	Description
ALL18526	Converts 1/2" Fine Hood Pin Mount to 3/8" Hood Pin, 1/2"-20 Male to 3/8"-24 Female
ALL18527	Converts 1/2" Coarse Mount to 1/2" Hood Pin, 1/2"-13 Male to 1/2"-20 Female

Plastic Scuff Plates

Sturdy plastic scuff plates have a raised center for quick, easy removal of hood pin clips. Plates have a 1/2" center hole and four recessed rivet holes for simplified installation.



Color	4-Pack	25-Pack
Black	ALL18430	ALL18430-25
White	ALL18431	ALL18431-25
Red	ALL18432	ALL18432-25
Blue	ALL18433	ALL18433-25
Orange	ALL18434	ALL18434-25
Silver*	ALL18435	ALL18435-25
Pink*	ALL18436	ALL18436-25
Purple*	ALL18437	ALL18437-25
Fluorescent Yellow*	ALL18438	ALL18438-25
Fluorescent Orange*	ALL18439	ALL18439-25

* New Color

Scuff Plates

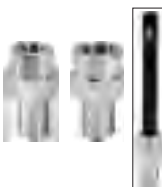
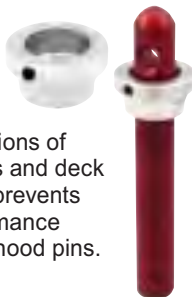


ALL18517

ALL18471

Scuff plates are used to protect painted finishes from repeated hood pin clip use. Plates are drilled for mounting screws or 1/8" diameter rivets. Package of 4.

Description	1/2" Hole	3/8" Hole
Chrome Steel	ALL18517	—
Aluminum	ALL18518	ALL18519
L/W Aluminum	ALL18471	ALL18470



Hood Pin Clips

The same quick-removal pins and clips included with Allstar's hood pin kits. Hairpin clip has a rotated loop for easy grasp and the flip-over clips have a loop with an over center locking feature that keeps pin in place. Package of 2.

Part No.	Description
ALL18516	Hairpin Clip, 5/32"
ALL18515	Flip-Over Clip, 3/16"
ALL18506	Flip-Over Clip, 1/4"



ALL18516



ALL18506

Flip-Over Clip with Lanyard

Our most popular size flip-over clip commonly used with hood pins is now available with an added lanyard which fastens to body panel for easy installation and prevents lost clips. Sold each.

Part No.	Description
ALL18460	Clip with 6" Lanyard
ALL18462	Clip with 10" Lanyard



Steel Lanyards

Steel lanyards feature 1/16" diameter cable with 3/4" loops on each end for light-duty applications such as hood pins or retention of similar type fasteners to prevent loss.

Part No.	Description
ALL18461	6" Long
ALL18463	10" Long



Nylon Lanyards ALL18468



Nylon lanyards feature a molded end with a 3/16" hole on one end and a snap-together open loop on the other end to quickly and easily secure a variety of components. Once snapped together, loop is permanently locked. 10" long, package of 4.

Hair Pins

Zinc-coated hair pins are formed from .093" diameter steel wire. Package of 2.

Part No.	Description
ALL18442	1-5/8"
ALL18444	2-1/2"



Diaper Pins

Steel diaper pins are zinc coated. Sold each.

Part No.	Description
ALL18446	1-3/4", .060" Diameter
ALL18448	2-3/4", .090" Diameter



Lock Pins

Use lock pin in place of a bolt for items that need to be removed frequently or easily. Wire loop folds over pin to lock in place. Size noted is under-head length to end of pin. Sold each.

Part No.	Description
ALL18452	1/4" x 2"
ALL18454	5/16" x 2-3/4"





FASTENERS

Aluminum Line Clamps

Aluminum clamps have a protective neoprene cushion to prevent abrasion and a 1/4" mounting hole to secure electrical wiring, hoses, or cables to a panel or frame.

Clamp Size	10-Pack	50-Pack
3/16"	ALL18300	ALL18300-50
1/4"	ALL18301	ALL18301-50
3/8"	ALL18302	ALL18302-50
1/2"	ALL18303	ALL18303-50
5/8"	ALL18304	ALL18304-50
3/4"	ALL18305	ALL18305-50
7/8"	ALL18306	ALL18306-50
1"	ALL18307	ALL18307-50
1-1/4"	ALL18308	ALL18308-50



Universal Line Clamps

Two-piece aluminum clamps dress up wiring or hard lines. Package of 4.

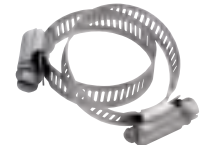
Part No.	Description
ALL18320	3/16"
ALL18321	1/4"
ALL18322	5/16"
ALL18323	3/8"



Hose Clamps

Heavy-duty all stainless steel construction clamps are easily tightened with a deep-slot hex-head screw. Superior to standard hardware store clamps.

Part No.	Min O.D.	Max O.D.
2-Pack		
ALL18330	1/4"	5/8"
ALL18332	1/2"	1-1/8"
ALL18334	1"	2"
ALL18336	1-5/16"	2-1/4"
ALL18338	1-9/16"	2-1/2"
ALL18340	1-5/8"	3-1/2"
ALL18342	2-5/8"	4-1/2"
10-Pack		
ALL18330-10	1/4"	5/8"
ALL18332-10	1/2"	1-1/8"
ALL18334-10	1"	2"
ALL18336-10	1-5/16"	2-1/4"
ALL18338-10	1-9/16"	2-1/2"



Nylon Line Clamps

Black nylon clamps have a 3/16" mounting hole to secure electrical wiring, hoses, or cables to a panel or frame.

Clamp Size	10-Pack	50-Pack
1/8"	ALL18309	ALL18309-50
3/16"	ALL18310	ALL18310-50
1/4"	ALL18311	ALL18311-50
3/8"	ALL18312	ALL18312-50
1/2"	ALL18313	ALL18313-50
5/8"	ALL18314	ALL18314-50
3/4"	ALL18315	ALL18315-50
1"	ALL18317	ALL18317-50



FITTINGS AND HOSES

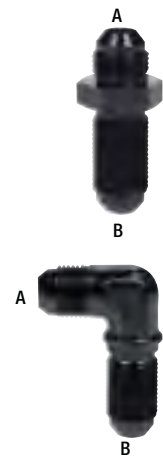
Aluminum AN to NPT Adapters

AN Size	NPT	Straight	45°	90°
-3	1/8"	ALL49502	ALL49532	ALL49562
-4	1/8"	ALL49505	ALL49535	ALL49565
-4	1/4"	ALL49506	ALL49536	ALL49566
-4	3/8"	ALL49507	ALL49537	ALL49567
-6	1/8"	ALL49508	ALL49538	ALL49568
-6	1/4"	ALL49509	ALL49539	ALL49569
-6	3/8"	ALL49510	ALL49540	ALL49570
-6	1/2"	ALL49511	ALL49541	ALL49571
-8	1/4"	ALL49512	ALL49542	ALL49572
-8	3/8"	ALL49513	ALL49543	ALL49573
-8	1/2"	ALL49514	ALL49544	ALL49574
-10	3/8"	ALL49517	ALL49547	ALL49577
-10	1/2"	ALL49518	ALL49548	ALL49578
-10	3/4"	ALL49519	ALL49549	ALL49579
-12	1/2"	ALL49520	ALL49550	ALL49580
-12	3/4"	ALL49521	ALL49551	ALL49581



Aluminum AN Bulkhead Adapters

Part No.	A Size	B Size
Straight Bulkhead		
ALL49610	-3	-3
ALL49611	-4	-4
ALL49612	-6	-6
ALL49613	-8	-8
ALL49614	-10	-10
ALL49615	-12	-12
ALL49616	-16	-16
90° Bulkhead		
ALL49620	-3	-3
ALL49621	-4	-4
ALL49622	-6	-6
ALL49623	-8	-8
ALL49624	-10	-10
ALL49625	-12	-12
ALL49626	-16	-16



Aluminum 90° Swivel to Male NPT

Part No.	NPT	AN Size
ALL49584	1/8"	-4
ALL49585	1/4"	-4
ALL49587	1/8"	-6
ALL49588	1/4"	-6
ALL49589	3/8"	-6
ALL49590	1/2"	-6
ALL49591	1/4"	-8
ALL49592	3/8"	-8
ALL49596	3/8"	-10
ALL49599	1/2"	-12



Aluminum AN Bulkhead Nuts

Part No.	Description
ALL49600	-3
ALL49601	-4
ALL49602	-6
ALL49603	-8
ALL49604	-10
ALL49605	-12
ALL49606	-16

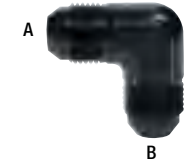




FITTINGS AND HOSES

Aluminum AN Flare Adapters

Part No.	A Size	B Size
Female Swivel Union		
ALL49700	-3	-3
ALL49701	-4	-4
ALL49702	-6	-6
ALL49703	-6	-8
ALL49704	-8	-8
ALL49705	-8	-10
ALL49706	-10	-10
Male Union		
ALL49710	-3	-3
ALL49711	-4	-4
ALL49712	-6	-6
ALL49713	-8	-8
ALL49714	-10	-10
ALL49715	-12	-12
ALL49716	-16	-16
90° Union		
ALL49720	-3	-3
ALL49721	-4	-4
ALL49722	-6	-6
ALL49723	-8	-8
ALL49724	-10	-10
ALL49725	-12	-12
Male Reducer		
ALL49730	-3	-4
ALL49731	-4	-6
ALL49732	-4	-8
ALL49733	-4	-10
ALL49734	-6	-8
ALL49735	-6	-10
ALL49736	-8	-10
ALL49737	-8	-12
ALL49738	-10	-12
ALL49739	-12	-16
Swivel Reducer		
ALL49740	-4	-3
ALL49741	-6	-4
ALL49742	-8	-4
ALL49743	-8	-6
ALL49744	-10	-6
ALL49745	-10	-8
ALL49746	-12	-8
ALL49747	-12	-10
ALL49748	-16	-10
ALL49749	-16	-12
Swivel Flare Expander		
ALL49750	-3	-4
ALL49751	-4	-6
ALL49752	-6	-8
ALL49753	-8	-10
ALL49754	-10	-12
ALL49755	-12	-16
ALL49756	-16	-20



Aluminum AN Bulkhead Tee

Part No.	A Size	B Size	C Size
Tee On-The-Side			
ALL49630	-3	-3	-3
ALL49631	-4	-4	-4
ALL49632	-6	-6	-6
ALL49633	-8	-8	-8
ALL49634	-10	-10	-10

Aluminum AN Flare Tee

Part No.	A Size	B Size	C Size
Tee			
ALL49640	-3	-3	-3
ALL49641	-4	-4	-4
ALL49642	-6	-6	-6
ALL49643	-8	-8	-8
ALL49644	-10	-10	-10
ALL49645	-12	-12	-12
ALL49646	-16	-16	-16
Tee, Female Swivel On Side			
ALL49650	-3	-3	-3
ALL49651	-4	-4	-4
ALL49652	-6	-6	-6
ALL49653	-8	-8	-8



Part No.	AN Size
Aluminum Flare Cap	
ALL49670	-3
ALL49671	-4
ALL49672	-6
ALL49673	-8
ALL49674	-10
ALL49675	-12
ALL49676	-16
Aluminum Flare Plug	
ALL49680	-3
ALL49681	-4
ALL49682	-6
ALL49683	-8
ALL49684	-10
ALL49685	-12
ALL49686	-16
Aluminum Tube Nut, 2-Pack	
ALL50320	-3
ALL50321	-4
ALL50322	-6
ALL50323	-8
ALL50324	-10
Aluminum Tube Sleeve, 2-Pack	
ALL50330	-3
ALL50331	-4
ALL50332	-6
ALL50333	-8
ALL50334	-10



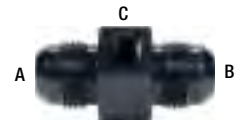
Aluminum Flare Plug	
ALL49680	-3
ALL49681	-4
ALL49682	-6
ALL49683	-8
ALL49684	-10
ALL49685	-12
ALL49686	-16
Aluminum Tube Nut, 2-Pack	
ALL50320	-3
ALL50321	-4
ALL50322	-6
ALL50323	-8
ALL50324	-10
Aluminum Tube Sleeve, 2-Pack	
ALL50330	-3
ALL50331	-4
ALL50332	-6
ALL50333	-8
ALL50334	-10

Aluminum Tube Nut, 2-Pack	
ALL50320	-3
ALL50321	-4
ALL50322	-6
ALL50323	-8
ALL50324	-10
Aluminum Tube Sleeve, 2-Pack	
ALL50330	-3
ALL50331	-4
ALL50332	-6
ALL50333	-8
ALL50334	-10

Aluminum Tube Sleeve, 2-Pack	
ALL50330	-3
ALL50331	-4
ALL50332	-6
ALL50333	-8
ALL50334	-10

Aluminum Inline Pressure Gauge Adapters

Part No.	A Size	B Size	C Size
ALL49760	-4	-4	1/8"
ALL49761	-6	-6	1/8"
ALL49762	-6 Fem.	-6	1/8"
ALL49763	3/8" Male	-6	1/8"
ALL49765	-8	-8	1/8"



Aluminum Gauge Fittings

Part No.	Description
ALL50201	1/8"NPT Female to -3AN
ALL50202	1/8"NPT Female to -4AN



KEVIN SAUER



BILLY YATES

STEVE DATEMA



FITTINGS AND HOSES

AN Flare to ORB Adapters

Part No.	A Size	B Size
Aluminum O-Ring Boss		
ALL49830	3/8"-24 (-3)	-4
ALL49831	7/16"-20 (-4)	-4
ALL49832	9/16"-18 (-6)	-4
ALL49833	3/4"-16 (-8)	-4
ALL49834	7/8"-14 (-10)	-4
ALL49836	9/16"-18 (-6)	-6
ALL49837	3/4"-16 (-8)	-6
ALL49838	7/8"-14 (-10)	-6
ALL49839	1-1/16"-12 (-12)	-6
ALL49841	9/16"-18 (-6)	-8
ALL49842	3/4"-16 (-8)	-8
ALL49843	7/8"-14 (-10)	-8
ALL49844	1-1/16"-12 (-12)	-8
ALL49845	1-5/16"-12 (-16)	-8
ALL49847	3/4"-16 (-8)	-10
ALL49848	7/8"-14 (-10)	-10
ALL49849	1-1/16"-12 (-12)	-10
ALL49850	1-5/16"-12 (-16)	-10
ALL49852	3/4"-16 (-8)	-12
ALL49853	7/8"-14 (-10)	-12
ALL49854	1-1/16"-12 (-12)	-12
ALL49855	1-5/16"-12 (-16)	-12
ALL49857	1-1/16"-12 (-12)	-16
ALL49858	1-5/16"-12 (-16)	-16



WARNING PROP. 65 (See Below)

NPT to AN Fittings

1/8"-27NPT steel fittings are commonly used when connecting braided lines to brake calipers, engine oiling systems, etc.



Part No.	Description
ALL50000	1/8"NPT Male to -3AN Straight, 2-Pack
ALL50001	1/8"NPT Male to -4AN Straight, 2-Pack
ALL50004	1/8"NPT Male to -4AN Straight, Tall
ALL50010	1/8"NPT Male to -3AN 45 Deg.
ALL50011	1/8"NPT Male to -4AN 45 Deg.
ALL50018	1/8"NPT Male to -3AN 90 Deg.
ALL50019	1/8"NPT Male to -4AN 90 Deg.
ALL50020	1/8"NPT Male to -3AN 90 Deg. Tall
ALL50021	1/8"NPT Male to -4AN 90 Deg. Tall
ALL50199	1/8"NPT Female to -3AN
ALL50200	1/8"NPT Female to -4AN

NPT Adapters

Part No.	A Size	B Size
Aluminum NPT Reducer		
ALL49770	1/4"	1/8"
ALL49771	3/8"	1/8"
ALL49772	3/8"	1/4"
ALL49773	1/2"	1/8"
ALL49774	1/2"	1/4"
ALL49775	1/2"	3/8"
ALL49776	3/4"	1/4"
ALL49777	3/4"	3/8"
ALL49778	3/4"	1/2"



NPT Fittings

Popular brass 1/8"-27NPT fittings used for a variety of applications.



Part No.	Description
ALL50182	1/8"NPT Plug, 4-Pack
ALL50184	1/8"NPT Male Union, 4-Pack
ALL50185	1/8"NPT Female Union, 4-Pack
ALL50138	1/8"NPT Tee, (2 Female Ports/1 Male Port) 2-Pack
ALL50139	1/8"NPT Tee, (3 Female Ports) 2-Pack

Part No.	NPT Size	Qty.
Aluminum Male NPT Nipple		
ALL49780	1/8"	1
ALL49781	1/4"	1
Aluminum Female NPT Coupler		
ALL49785	1/8"	1
Aluminum Internal Allen NPT Plug		
ALL49800	1/16"	2
ALL49801	1/8"	2
ALL49802	1/4"	2
ALL49803	3/8"	2
ALL49804	1/2"	1
ALL49805	3/4"	1
Steel Internal Allen NPT Plug*		
ALL49811	1/8"	2
ALL49812	1/4"	2
ALL49813	3/8"	2
ALL49814	1/2"	1
Aluminum Hex NPT Plug		
ALL49820	1/8"	1
ALL49821	3/8"	1
ALL49822	1/2"	1



Petcock ALL99030

Replacement petcock for Allstar breather and overflow tanks is also perfect for draining coolant from engines. 1/4"NPT threads.



WARNING: PROP. 65

The products on this page can expose you to lead, which is known to the State of California to cause cancer, birth defects or other reproductive harm. For more information, go to: www.P65Warnings.ca.gov

*Larger quantities available.



FITTINGS AND HOSES

WARNING PROP. 65 (See Below)


Caliper Fittings

Commonly used in stock-type calipers in place of the banjo fitting and bolt. Fittings allow direct connection to a steel braided line. Fittings are sold in a pack of 2.

			
ALL50040	ALL50029 ALL50030 ALL50036	ALL50032	ALL50035
Part No.	Description		
ALL50029	3/8"-24 to -3AN Straight		
ALL50030	3/8"-24 to -4AN Straight		
ALL50032	7/16"-20 to -4AN Straight		
ALL50035	7/16"-20 to -4AN 90 Deg.		
ALL50037	10mm - 1.50 to -3AN Straight		
ALL50036	10mm - 1.50 to -4AN Straight		
ALL50040	10mm - 1.50 to Female 1/8"-27NPT		

Banjo Fittings

Banjo fittings are commonly used with banjo bolts and crush washers in stock-type calipers to allow direct connection of a steel braided line and allow pivoting the line as needed. Fittings are sold in a pack of 2.

	
ALL50060	ALL50066
Part No.	Description
ALL50060	3/8" to -3AN
ALL50061	3/8" to -4AN
ALL50062	7/16" to -3AN
ALL50063	7/16" to -4AN
ALL50067	10mm to -3AN
ALL50068	10mm to -4AN
ALL50066	10mm to -4AN Extended

Banjo Bolts

Banjo bolts are a drilled bolt that allows fluid to pass through and are commonly used with banjo fittings and crush washers in stock type calipers to allow direct connection of a steel braided line. Bolts are sold in a pack of 2.

Part No.	Description
ALL50070	3/8"-24
ALL50072	7/16"-20
ALL50076	10mm-1.25
ALL50077	10mm-1.50

Crush Washers

Crush washers are used when sealing metal-to-metal contact points of banjo fittings and bolts. Soft material conforms to the irregularities of the sealing surfaces. Washers are sold in a pack of 10.

Part No.	Description
ALL50082	3/8" and 10mm
ALL50080	7/16"

Bleeder Fitting with Screw ALL50180

Designed for popular aftermarket calipers, these fittings have 1/8"-27 threads and include a 1/4"-28 bleeder screw. Sold in a pack of 4.



Bleeder Caps ALL50855

Rubber caps keep dirt and moisture out of brake caliper bleeder screw fittings. Caps fit ALL50180 and most other popular small bleeder screws. Package of 10.



Inverted Flare Fittings

An inverted flare fitting is a common brake fitting designed to withstand the high pressures found in braking systems.

			
ALL50120 ALL50121	ALL50125	ALL50127	ALL50183
			
ALL50135	ALL50136 ALL50137		ALL50130 ALL50131 ALL50132 ALL50133

Part No.	Description
ALL50120	3/16" to Male 1/8"-27NPT Straight, 4-Pack
ALL50125	3/16" to Male 1/8"-27NPT 90°, 4-Pack
ALL50127	3/16" to Female 1/8"-27NPT, 4-Pack
ALL50136	3/16" Tee, 2-Pack
ALL50137	3/16" Tee w/1/8"-27NPT Port
ALL50135	3/16" Tee w/1/8"-27NPT Male Nipple On Side
ALL50183	3/16" Plug, 4-Pack
ALL50130	3/16" Union, 4-Pack
ALL50121	1/4" to 1/8"-27NPT Straight, 4-Pack
ALL50129	1/4" to 5/16", 2-Pack
ALL50131	1/4" Union, 4-Pack
ALL50132	5/16" Union, 4-Pack
ALL50133	3/8" Union, 4-Pack

Master Cylinder Adapter Fittings ALL41012

Fittings adapt master cylinders or combination valves with 1/2"-20 and 9/16"-18 ports to accept 3/16" inverted flare brake line with standard 3/8"-24 fittings. Kit includes one of each fitting.



WARNING: PROP. 65

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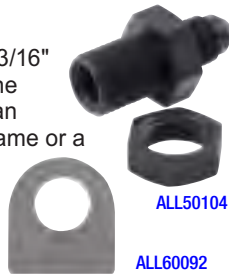


FITTINGS AND HOSES

Bolt-In Adapter Fittings

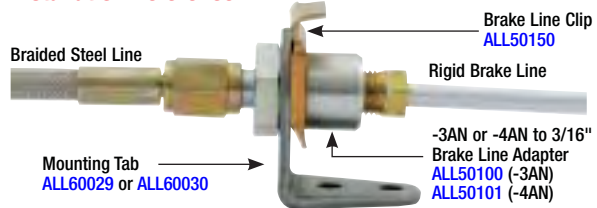
Bulkhead style aluminum fittings adapt 3/16" inverted flare line to an AN type fitting. The 9/16" threaded body with attaching nut can be mounted through a C-channel style frame or a chassis tab.

Part No.	Description
ALL50104	3/16" to 3AN
ALL50105	3/16" to 4AN
ALL60092	Weld-On Tabs, 4-Pack



TECH TIP

Installation Reference



Clip-In Adapter Fittings

Steel adapter fittings provide a bulkhead-style connection to AN lines that can be mounted directly to the chassis by using tabs or brackets and retainer clips. Fittings fit in a 5/8" hole and are sold in a pack of 2.

Part No.	Description
ALL50100	3/16" Inverted Flare to -3AN
ALL50101	3/16" Inverted Flare to -4AN
ALL50102	1/8"-27NPT to -3AN
ALL50103	1/8"-27NPT to -4AN
ALL60029	Bolt-on Tabs 2-Pack
ALL60030	Weld-on Tabs 4-Pack
ALL50150	Retainer Clip 4-Pack



Brake Hose Kits

Kit includes everything necessary to complete the connection between 3/16" steel brake line and the brake caliper for one axle. Kits include two brake line adapter fittings, steel weld on tabs, retainer clips, banjo caliper fittings, banjo bolts, crush washers, and 15' #3 braided steel hoses.

Part No.	Description
ALL42025	GM Metric Kit with 10mm-1.50 Caliper Bolts
ALL42027	Big GM Kit with 7/16"-20 Caliper Bolts



Braided Steel Lines

A wide selection of braided steel lines in various lengths. All lines come with one straight end and your choice of straight, 45° or 90° on the other end. The inner PTFE hose is compatible with all brake fluids. The braided stainless steel outer covering resists abrasion and corrosion. Ideal for use where bending and flexing occurs. More durable than rubber hose. Lengths stated are overall end-to-end, including fittings. Lines are NOT D.O.T. approved.

Note: Lines are also available in 5-pack and 25-pack quantities. Add a (-5) or (-25) to end of part number. Example ALL46400-6-25 for a 25-pack. Lengths stated are overall end-to-end, including fittings. Lines are NOT D.O.T. approved.

#3 Braided Steel Lines with -3 Ends

Length	Two-3 Straight	-3 Straight and -3 45°	-3 Straight and -3 90° Forged	-3 Straight and -3 90° Tube
6"	ALL46300-6	—	ALL46302-6	ALL46304-6
9"	ALL46300-9	—	ALL46302-9	ALL46304-9
10"	ALL46300-10	—	ALL46302-10	ALL46304-10
12"	ALL46300-12	—	ALL46302-12	ALL46304-12
14"	ALL46300-14	ALL46301-14	ALL46302-14	ALL46304-14
15"	ALL46300-15	ALL46301-15	ALL46302-15	ALL46304-15
16"	ALL46300-16	ALL46301-16	ALL46302-16	ALL46304-16
18"	ALL46300-18	ALL46301-18	ALL46302-18	ALL46304-18
20"	ALL46300-20	—	ALL46302-20	ALL46304-20
21"	ALL46300-21	—	ALL46302-21	ALL46304-21
22"	ALL46300-22	—	ALL46302-22	ALL46304-22
24"	ALL46300-24	ALL46301-24	ALL46302-24	ALL46304-24
26"	ALL46300-26	—	ALL46302-26	ALL46304-26
28"	ALL46300-28	—	ALL46302-28	ALL46304-28
30"	ALL46300-30	—	ALL46302-30	ALL46304-30
32"	ALL46300-32	—	ALL46302-32	ALL46304-32
34"	ALL46300-34	ALL46301-34	—	—
36"	ALL46300-36	—	ALL46302-36	ALL46304-36
40"	ALL46300-40	—	—	—
42"	ALL46300-42	—	ALL46302-42	ALL46304-42
43"	ALL46300-43	—	—	—
44"	ALL46300-44	—	—	—
47"	ALL46300-47	—	—	—
48"	ALL46300-48	—	ALL46302-48	ALL46304-48
50"	ALL46300-50	—	—	—
60"	ALL46300-60	—	ALL46302-60	ALL46304-60
108"	ALL46300-108	—	—	—
120"	ALL46300-120	—	—	—
180"	ALL46300-180	—	—	—



Straight End

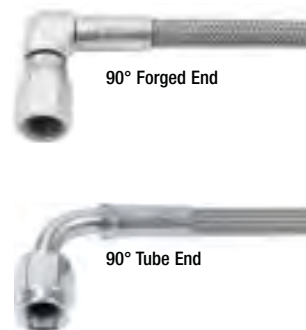
45° End



FITTINGS AND HOSES

#4 Braided Steel Lines with -4 Ends

Length	Two -4 Straight	-4 Straight and -4 45°	-4 Straight and -4 90° Forged	-4 Straight and -4 90° Tube
6"	ALL46400-6	—	ALL46402-6	ALL46404-6
9"	ALL46400-9	—	ALL46402-9	ALL46404-9
10"	ALL46400-10	—	ALL46402-10	ALL46404-10
12"	ALL46400-12	—	ALL46402-12	ALL46404-12
14"	ALL46400-14	—	ALL46402-14	ALL46404-14
15"	ALL46400-15	ALL46401-15	ALL46402-15	ALL46404-15
16"	ALL46400-16	—	ALL46402-16	ALL46404-16
18"	ALL46400-18	ALL46401-18	ALL46402-18	ALL46404-18
20"	ALL46400-20	—	ALL46402-20	ALL46404-20
21"	ALL46400-21	—	ALL46402-21	ALL46404-21
22"	ALL46400-22	—	ALL46402-22	ALL46404-22
24"	ALL46400-24	ALL46401-24	ALL46402-24	ALL46404-24
26"	ALL46400-26	—	ALL46402-26	ALL46404-26
28"	ALL46400-28	—	ALL46402-28	ALL46404-28
30"	ALL46400-30	—	ALL46402-30	ALL46404-30
32"	ALL46400-32	—	ALL46402-32	ALL46404-32
36"	ALL46400-36	—	ALL46402-36	ALL46404-36
42"	ALL46400-42	—	ALL46402-42	ALL46404-42
48"	ALL46400-48	—	ALL46402-48	ALL46404-48
60"	ALL46400-60	—	ALL46402-60	ALL46404-60
90"	ALL46400-90	—	—	—
120"	ALL46400-120	—	ALL46402-120	ALL46404-120
180"	ALL46400-180	—	—	—



Coated Braided Steel Lines with Steel Ends

Black coated braided steel lines with steel ends. Choose #3, or #4 line in straight/straight or straight/90° configurations. Lengths stated are overall, end-to-end.

Length	#3 Line Two -3 Straight	#3 Line -3 90° and -3 Straight	#4 Line Two -4 Straight	#4 Line -4 90° and -4 Straight
12"	ALL48430-12	ALL48434-12	ALL48440-12	ALL48444-12
15"	ALL48430-15	ALL48434-15	ALL48440-15	ALL48444-15
18"	ALL48430-18	ALL48434-18	ALL48440-18	ALL48444-18
21"	ALL48430-21	ALL48434-21	ALL48440-21	ALL48444-21
24"	ALL48430-24	ALL48434-24	ALL48440-24	ALL48444-24
30"	ALL48430-30	ALL48434-30	ALL48440-30	ALL48444-30
36"	ALL48430-36	ALL48434-36	ALL48440-36	ALL48444-36



Coated Braided Steel Lines with Aluminum Ends

Black coated braided steel lines have black aluminum ends. Choose #2, #3, or #4 line in straight/straight or straight/90° configurations. Lengths stated are overall, end-to-end.

Length	#2 Line Two -3 Straight	#3 Line Two -3 Straight	#3 Line -3 90° and -3 Straight	#4 Line Two -4 Straight Ends	#4 Line -4 90° and -4 Straight
6"	ALL48385	ALL48387	ALL48413	ALL48349	ALL48398
9"	ALL48386	ALL48388	ALL48414	ALL48350	ALL48399
12"	ALL48371	ALL48361	ALL48415	ALL48351	ALL48400
15"	ALL48372	ALL48362	ALL48416	ALL48352	ALL48401
18"	ALL48373	ALL48363	ALL48417	ALL48353	ALL48402
21"	ALL48374	ALL48364	ALL48418	ALL48354	ALL48403
24"	ALL48375	ALL48365	ALL48419	ALL48355	ALL48404
30"	ALL48376	ALL48366	ALL48420	ALL48356	ALL48405
36"	ALL48378	ALL48368	ALL48422	ALL48358	ALL48407
40"	ALL48384	ALL48389	ALL48426	ALL48390	ALL48427
48"	ALL48379	ALL48369	ALL48423	ALL48359	ALL48408
60"	ALL48380	ALL48370	ALL48424	ALL48360	ALL48409
73"	ALL48383	ALL48382	ALL48425	ALL48381	ALL48410



#6 Coated Braided Steel Lines with Aluminum Ends

Black coated braided steel lines have black aluminum ends. Lengths stated are overall, end-to-end.

Length	Two -6 Straight	-6 90° & -6 Straight
12"	ALL48465-12	ALL48466-12
24"	ALL48465-24	ALL48466-24
36"	ALL48465-36	ALL48466-36
72"	ALL48465-72	—
120" (10ft)	ALL48465-120	—
192" (16ft)	ALL48465-192	—





FITTINGS AND HOSES

Quick Disconnect Couplings



ALL50215



ALL50212
ALL50213

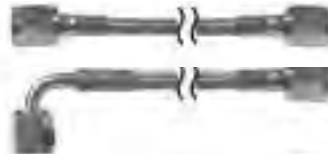


ALL50209

2-piece couplings allow lines to be separated without loss of fluid or requirement of bleeding. Commonly used on brake systems when changing front or rear axle assembly, hydraulic wing cylinders, a hydraulic clutch system using a hydraulic throw out bearing or when servicing a transmission with an internal hydraulic clutch.

Part No.	Description
ALL50215	Steel Coupling with 1/8"NPT Female Threads
ALL50212	Alum. Coupling with -3AN Male Threads
ALL50213	Alum. Coupling with -4AN Male Threads
ALL50209	Premium Coupling Fitting with -3AN Male Threads

#3 Braided Steel Lines with -4 Ends



Length	Two -4 Straight Ends	-4 90° and -4 Straight
9"	ALL46310-9	ALL46312-9
12"	ALL46310-12	ALL46312-12
15"	ALL46310-15	ALL46312-15
18"	ALL46310-18	ALL46312-18
21"	ALL46310-21	ALL46312-21
24"	ALL46310-24	ALL46312-24
28"	ALL46310-28	ALL46312-28
32"	ALL46310-32	ALL46312-32
36"	ALL46310-36	ALL46312-36
42"	ALL46310-42	ALL46312-42
48"	ALL46310-48	ALL46312-48
60"	ALL46310-60	ALL46312-60
120"	ALL46310-120	ALL46312-120

Braided Steel Lines with 10mm Banjo Fitting



Length	-3 Straight	#3 Line -4 Straight	#4 Line -4 Straight
18"	ALL46340-18	—	ALL46440-18
21"	—	—	ALL46440-21
24"	—	ALL46341-24	ALL46440-24
44"	ALL46340-44	—	—

#4 Braided Steel Lines with 1/8"NPT and Straight -4 Ends



Length	Part No.
18"	ALL46420-18
24"	ALL46420-24
30"	ALL46420-30
36"	ALL46420-36
48"	ALL46420-48

#3 Braided Steel Lines with 3/16" Inverted Flare 90° and Straight -3 Ends

Length	Part No.
24"	ALL46332-24
36"	ALL46332-36
48"	ALL46332-48



Bulkhead Fittings

Black anodized aluminum bulkhead adapter fittings are perfect when plumbing needs to pass through a firewall, interior panel, or a mounting bracket.

Part No.	Description
ALL50092	Straight -3AN to -3AN
ALL50093	Straight -4AN to -4AN
ALL50094	90 Degree -3AN to -3AN
ALL50095	90 Degree -4AN to -4AN
ALL50096	Tee (Run) -3AN (3x)
ALL50097	Tee (Run) -4AN (3x)
ALL50098	-3AN Bulkhead Nut
ALL50099	-4AN Bulkhead Nut



ALL50092
ALL50093



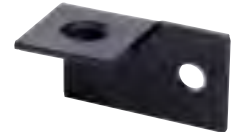
ALL50094
ALL50095



ALL50096
ALL50097

Bulkhead Mounting Tab ALL60093

One-piece steel mounting tab with 7/16" hole can be bolted to the chassis or rear end to hold bulkhead fittings in place. Bracket is 5/64" thick.



90 Degree Swivel Fittings

Black anodized aluminum fitting swivels a full 360° for convenient hose connection. 1/8"NPT fitting is commonly used in aftermarket calipers, gauge panels or anywhere a swivel connection would be useful.

Part No.	Description
ALL50108	1/8"NPT to -3AN
ALL50109	1/8"NPT to -4AN



AN Union Fittings

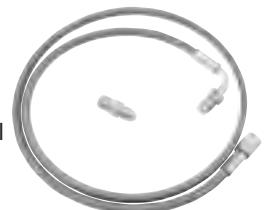
Black anodized aluminum flare union adapter fittings are commonly used to connect two hoses with female AN ends.

Part No.	Description
ALL50090	-3AN to -3AN
ALL50091	-4AN to -4AN



Clutch Line Kits

Designed to connect clutch master cylinder to hydraulic throw-out bearing or directly to transmissions with internal clutches. Pre-assembled braided steel hose assemblies have #3 lines and are fitted with one -3AN straight end and one 3/16" inverted flare 90° hard line end. Also includes one 1/8" male to -3AN fitting (ALL50000).



Part No.	Description
ALL46100-24	Kit with 24" Line
ALL46100-36	Kit with 36" Line
ALL46100-48	Kit with 48" Line

Universal Clutch Line Kit ALL46101-36

Universal kit includes a variety of fittings to connect most master cylinders to a hydraulic slave cylinder, throw-out bearing, or to an internal clutch transmission, including Bert and Brinn style transmissions. Kit includes an 8" long 3/16" hard line, one each of straight and 90° male 1/8"NPT to 3/16" inverted flare fittings, one straight female 1/8"NPT to 3/16" inverted flare fitting, two straight male 1/8"NPT to -4AN hose fittings, a 36" #4 braided steel hose with -4 straight fittings, and line clamps for the steel and braided line.





FITTINGS AND HOSES

Brake Hose Kits

Kit includes everything necessary to complete the connection between 3/16" steel brake line and the brake caliper for one axle. Kits include two brake line adapter fittings, steel weld on tabs, retainer clips, banjo caliper fittings, banjo bolts, crush washers, and 15' #3 braided steel hoses.

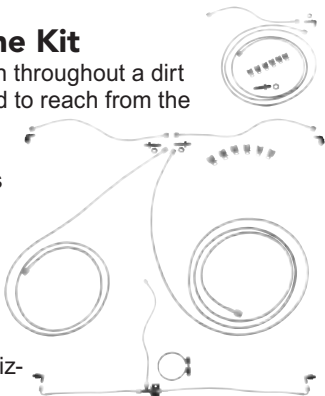
Part No.	Description
ALL42025	GM Metric Kit with 10mm-1.50 Caliper Bolts
ALL42027	Big GM Kit with 7/16"-20 Caliper Bolts



Dirt Race Car Brake Line Kit

Kit allows braided lines to be run throughout a dirt race car. Includes all lines needed to reach from the calipers to inside the foot box. Due to brand preference and location of pedals, master cylinders and brake shut off, the specific fittings and lines to complete plumbing inside the foot box area will need to be purchased separately. Concerned about brake pressure? This kit uses #3 line size for stiffer pedal feel while utilizing the more popular -4AN ends.

Part No.	Description
ALL42052	Kit for Dirt Modifieds with OEM Calipers
ALL42053	Kit for Dirt Modifieds with Aftermarket Calipers
ALL42054	Kit for Dirt Late Models with Aftermarket Calipers



Rear End Brake Line Kit (Single Line Drop)

Kit is designed to eliminate "hanging" brake lines near the rear calipers. Rear brake line kits utilize a single line drop located near the left side of the center section. From the drop, the lines tee and run over the top backside of the center section, then across the backside of axle tubes to the calipers. Kit includes braided lines (#3 line with -4AN ends), -4AN tee, 3" axle tube clamp bracket and a tee bracket.

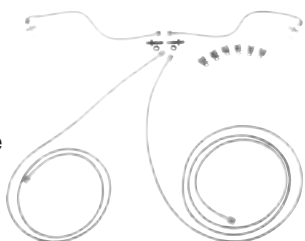
Part No.	Description
ALL42056	Kit for Dirt Modifieds (60" Wide) with OEM Calipers
ALL42057	Kit for Dirt Modifieds (60" Wide) w/Aftermarket Calipers
ALL42058	Kit for Dirt Late Models (62" Wide) w/Aftermarket Calipers



Front End Brake Line Kit

Kits include braided lines to reach from the front calipers to inside the foot box. Braided lines are #3 size with -4AN ends. The #3 line size offers a stiffer pedal feel while utilizing the more popular -4AN ends.

Part No.	Description
ALL42060	Kit for Dirt Modifieds with OEM Calipers
ALL42061	Kit for Dirt Modifieds with Aftermarket Calipers
ALL42062	Kit for Dirt Late Model with Aftermarket Calipers



Note: Visit our website for specific components used in these kits!

Gauge Line Kits

Gauge line kits provide easy connection to most mechanical oil and fuel pressure gauges. Includes a pre-assembled length of #4 braided steel line with -4AN ends and male and female 1/8"NPT adapters to work with most applications.

Part No.	Description
ALL46110-36	Kit with 36" Line
ALL46110-48	Kit with 48" Line
ALL46110-60	Kit with 60" Line
ALL46110-72	Kit with 72" Line



Steel Brake Line

Steel brake line is available in lengths from 8" to 72" for plumbing brake systems. Standard galvanized zinc coating.

Length	3/16" Line with 3/8"-24 Ends
8"	ALL48048
12"	ALL48050
20"	ALL48052
30"	ALL48054
40"	ALL48056
51"	ALL48058
60"	ALL48060
72"	ALL48062



Stainless Steel Brake Line

304 grade stainless steel line exceeds SAE and DOT requirements. Pre-made lines include standard size stainless ends for years of service and show quality finish.

Length	3/16" Line with 3/8"-24 Ends	1/4" Line with 7/16"-24 Ends
8"	ALL48300	ALL48310
12"	ALL48301	ALL48311
20"	ALL48302	ALL48312
30"	ALL48303	ALL48313
40"	ALL48304	ALL48314
51"	ALL48305	ALL48315
60"	ALL48306	ALL48316
72"	ALL48307	ALL48317



Hard Brake Line Display Rack [ALL052](#)

Display, organize, and inventory many lengths of 3/16" steel brake line. Rack measures 17" wide, and has 21 slots which hold 6 pieces each. Pre-punched mounting holes provide easy mounting on wall or display fixture. Not for use with braided brake lines.



Tubing Cutters

Cut plastic, aluminum, copper, or steel tubing without distorting or crushing. Standard cutter works with tubing from 1/8" up to 1-1/8" and has wide rollers for even tracking of cutter wheel, built-in reamer for cleaning inside of tubing and an extra cutting wheel. Mini cutter can cut tubing from 1/8" to 5/8" in tight areas.

Part No.	Description
ALL11010	Mini
ALL11011	Standard





FITTINGS AND HOSES

Coiled Tubing

Coiled tubing works great for building custom length brake lines, transmission lines, and fuel lines without unions. Tubing is easy to cut and flare to desired length. Stainless tubing is 304 grade and double annealed for easy flaring and bending. Coiled tubing does not include flare nuts (sold separately).



Part No.	Size	Material	Length
ALL48040	3/16"	Steel (Zinc Coated)	25'
ALL48308	3/16"	Stainless	20'
ALL48326	1/4"	Steel (Zinc Coated)	25'
ALL48318	1/4"	Stainless	20'
ALL48327	5/16"	Steel (Zinc Coated)	25'
ALL48320	5/16"	Stainless	20'
ALL48328	3/8"	Steel (Zinc Coated)	25'
ALL48322	3/8"	Stainless	20'

Inverted Flare Nuts

Flare nuts are used for building custom hard brake lines, transmission cooler lines, oil lines, and fuel lines. 3/16" and 1/4" nuts are available to fit most master cylinder and metering/proportioning valve applications. Select proper thread size for line used.



Part No.	Size	Color	Qty.
Flare Nuts for 3/16" Line			
ALL50110	3/8"-24	Zinc-Plated	10-Pack
ALL50111	3/8"-24	Stainless	10-Pack
ALL50113	7/16"-24	Red	2-Pack
ALL50114	1/2"-20	Green	2-Pack
ALL50115	9/16"-18	Olive	2-Pack
Flare Nuts for 1/4" Line			
ALL50116	7/16"-24	Zinc-Plated	10-Pack
ALL50117	7/16"-24	Stainless	10-Pack
ALL50118	1/2"-20	Gold	2-Pack
ALL50119	9/16"-18	Blue	2-Pack
Flare Nuts for 5/16" Line			
ALL50140	1/2"-20	Zinc-Plated	10-Pack
ALL50141	1/2"-20	Stainless	4-Pack
Flare Nuts for 3/8" Line			
ALL50142	5/8"-18	Zinc-Plated	10-Pack
ALL50143	5/8"-18	Stainless	4-Pack

Steel Tube Nut and Sleeve

Tube nuts and sleeves are used when making hard line connections to male AN fittings. Line requires a 37° flare for proper sealing. Package of 4.



Part No.	Description
ALL50300	-3AN Tube Nut
ALL50310	-3AN Tube Sleeve

Aluminum Tube Nuts and Sleeves

Aluminum tube nuts and sleeves are used with corresponding hard lines to connect to male AN fittings. Line requires a 37° flare for proper sealing. Package of 2.

Size (Female)	For Tubing O.D.	Tube Nut	Tube Sleeve
-3	3/16"	ALL50320	ALL50330
-4	1/4"	ALL50321	ALL50331
-6	3/8"	ALL50322	ALL50332
-8	1/2"	ALL50323	ALL50333
-10	5/8"	ALL50324	ALL50334



Brake Line Kit ALL48030

Quickly plumb any race car using an Allstar nylon brake line kit. Kit extends from the master cylinder to the caliper and includes 35' of 3/16" line, compression ends, unions, tees and 1/8"NPT fittings. Race proven for years. Not for street use.



Deluxe Nylon Brake Line Kits

Deluxe kits feature push lock fittings to ease installation. Kits include 30' of 3/16" line and fittings. Not for street use.

Part No.	Description
ALL48018	For Use w/o Brake Gauges
ALL48019	For Use w/Brake Gauges



3/16" Nylon Brake Line

Part No.	Description
ALL48026	10'
ALL48027	50'
ALL48028	100'



3/16" Nylon Brake Line Compression Fittings



Part No.	Description
ALL48032	1/8"-27NPT Male to 3/16" Straight
ALL48033	1/8"-27NPT Male to 3/16" 90°
ALL48034	3/16" Union
ALL48035	3/16" Tee, All Compression
ALL48036	3/16" Captured End Caps, 10-Pack

3/16" Nylon Brake Line Push Lock Fittings



Part No.	Description
ALL48020	1/8"-27NPT Male to 3/16"
ALL48021	1/8"-27NPT Female to 3/16"
ALL48022	3/16" Tee, All Push Lock
ALL48023	3/16" Tee, Two Pushlock and One 1/8"-27NPT Male



FITTINGS AND HOSES

Grommet Set [ALL18360](#)

Grommets are perfect for protecting wiring and hoses that pass through panels up to 1/16" (.062") thick. Kit includes 36 grommets (6 of each size: 1/4", 5/16", 3/8", 1/2", 5/8" and 11/16"). Grommets are also available in size specific 10-packs.

Part No.	Grommet Hole I.D.	Panel Hole I.D.
ALL18362	3/16"	5/16"
ALL18363	1/4"	3/8"
ALL18364	5/16"	7/16"
ALL18365	3/8"	1/2"
ALL18366	1/2"	5/8"
ALL18367	5/8"	7/8"
ALL18368	11/16"	1"



Drain Plug Kits

Drain plug kits include a machined weld-on bung that has a step added to fit inside a drilled hole for easy installation. Kits are perfect when adding drain plugs to oil pans, rear end housings, dry sump tanks, etc.

Size	Aluminum Bung	Steel Bung
3/8"NPT	ALL50732	ALL50733
1/2"NPT	ALL50734	ALL50735



Weld Bungs

Weld-on bungs are available in 6061 aluminum or mild steel and allow additional fittings to be added to radiators, oil pans, or for building custom tanks and other components.

Female NPT

Size	O.D.	Aluminum	Steel
1/8"-27NPT	3/4"	ALL50740	ALL50750
1/4"-18NPT	7/8"	ALL50741	ALL50751
3/8"-18NPT	1"	ALL50742	ALL50752
1/2"-14NPT	1-1/4"	ALL50743	ALL50753
3/4"-14NPT	1-3/8"	ALL50744	ALL50754
1"-11-1/2NPT	1-5/8"	ALL50745	—



Male AN

Size	Thread	Flange O.D.	Aluminum	Steel
4AN	7/16"-20	3/4"	ALL50760	ALL50770
6AN	9/16"-18	7/8"	ALL50761	ALL50771
8AN	3/4"-16	1"	ALL50762	ALL50772
10AN	7/8"-14	1-1/8"	ALL50763	ALL50773
12AN	1-1/16"-12	1-3/8"	ALL50764	ALL50774
16AN	1-5/16"-12	1-5/8"	ALL50765	ALL50775
20AN	1-5/8"-12	1-3/4"	ALL50766	ALL50776



Female AN ORB

Size	Thread	O.D.	Aluminum
4AN	7/16"-20	3/4"	ALL50780
6AN	9/16"-18	7/8"	ALL50781
8AN	3/4"-16	1"	ALL50782
10AN	7/8"-14	1-1/8"	ALL50783
12AN	1-1/16"-12	1-3/8"	ALL50784
16AN	1-5/16"-12	1-5/8"	ALL50785



FUEL SYSTEM COMPONENTS

SB Chevy Performance Mechanical Fuel Pump [ALL40266](#)

Lightweight die-cast three-valve pump is great for use with Sportsman type engines up to 700HP and 8,000 RPM. Pump has -8AN inlet and outlet fittings for easy plumbing. Lower section is clockable every 30° to fit most applications. Pump is rated at 45 GPH @ 7-8.5 PSI and does not require an external fuel pressure regulator.



Sportsman 2-Valve Fuel Pumps

Pumps with aluminum housings have 1/4"NPT inlet/outlet fittings, heavy-duty diaphragms, anti-float springs, and "clockable" lower base for rotation of inlet and outlet. Pumps deliver 6-1/2 to 8 PSI with 80 GPH free flow.

Part No.	Description
ALL40260	SB Chevy
ALL40261	BB Chevy
ALL40262	SB Ford

[ALL40260](#)



SB Chevy Fuel Pump Block-Off Plate [ALL40255](#)

Plate covers mechanical fuel pump engine opening on most small block Chevrolet when omitting a mechanical style fuel pump. Plate is often used when converting to electric or belt driven fuel pumps. Clear zinc plated finish may also be painted.



Billet Fuel Pump Block-Off Plates

CNC-machined billet aluminum plates cover the mechanical pump opening in the engine block and include a gasket and stainless steel fasteners.

Description	Blue	Clear	Red	Black
SB Chevy	ALL40300	ALL40301	ALL40302	ALL40306
BB Chevy, SB/BB Ford†, SB/BB Chrysler	ALL40303	ALL40304	ALL40305	ALL40307

†Will not fit Ford 351C, 351M-400.



SB Chevy Fuel Pump Mount Plate [ALL40254](#)

OE-style plate replaces lost or missing mounting plate required to mount mechanical -style fuel pump to most small block Chevrolet engines. Clear zinc-plated finish may also be painted to match original appearance. Mounting hardware included.



Compact Electric Fuel Pump [ALL40320](#)

High-flow, low-pressure electric fuel pump equipped with a 5/16" inlet/outlet. The pump flows 18 gph at 4.0 PSI, 5.5 PSI maximum. Includes a rubber-padded mounting bracket and two heavy-duty hose clamps. Rated 12V/5 amps. Overall length is 5-1/2" x 1-1/2" wide.





FUEL SYSTEM COMPONENTS

Fuel Pressure Regulator

ALL40290

Place regulator between fuel pump and carburetor to regulate fuel pressure when using mechanical and electric performance fuel pumps. Two-piece aluminum body has a single 3/8"NPT inlet port on the bottom and two 3/8"NPT side outlet ports. "Dead Head" style regulator does not require a return line back to fuel tank or cell. 1/8"NPT port for mounting a fuel pressure gauge or sender line. Regulator also includes steel mounting bracket. Regulator is gasoline, ethanol, and E85 compatible. Use with 4.5 to 14 PSI systems. Not methanol compatible.

Replacement Part

Part No.	Description
ALL99430	Rebuild Kit



Primer Bottle ALL40090

Durable plastic squeeze bottle is ideal for priming alcohol engines. Cap has an angled filler tube, with tapered tip that fits easily into the vent tube of carburetor fuel bowl. 16.9-ounce capacity.



Shockproof Pressure Gauges

1-1/2" diameter gauges are constructed using reliable brass internal parts and have a 1/8"NPT male fitting on the backside of the gauge. Dry gauges feature a chrome-plated steel housing, while glycerin-filled gauges with a stainless steel housing help to dampen the effect of pulsation and pressure spikes on the gauge needle.

Description	Glycerine Filled	Dry Type	Engine Turned
0-15 PSI	ALL80200	ALL80210	ALL80220
0-30 PSI	ALL80202	—	ALL80222
0-60 PSI	ALL80204	ALL80214	ALL80224
0-100 PSI	ALL80206	ALL80216	ALL80226
0-1,500 PSI	ALL80208 (NOS)	ALL80218	—

ALL80200

ALL80210

ALL80220



Inline Aluminum Fuel Filters

Black anodized, high-flow inline filters are available with no element or with a stainless or paper element. Choose correct bracket and mount to chassis tubing along fuel line. Filter elements are 8" long and fit in a 9" housing. Overall length is 12" and outside diameter is 2". Filter flows enough fuel for any race car. Stainless elements are compatible with E-85 fuels.



Black Anodized Fuel Filters

Fitting Size	With Paper Element	With Stainless Element	Without Element
-6AN Ends	ALL40238†	ALL40239*	ALL40243
-8AN Ends	ALL40216	ALL40218*	ALL40244
-10AN Ends	ALL40217	ALL40219*	ALL40245
-12AN Ends	ALL40240	ALL40242*	ALL40246

Replacement Parts

Part No.	Description
ALL40220	Paper Element (10 Micron)
ALL40222*	Stainless Element (63 Micron)
ALL40223	-6AN End Cap
ALL40224	-8AN End Cap
ALL40226	-10AN End Cap
ALL40225	-12AN End Cap
ALL40236	Spring
ALL40237	O-Ring 2-Pack

*Compatible with E-85 fuels

Filter Fact: Filter element must be installed with the closed end and the spring toward the INLET end of housing. The open end faces the OUTLET.

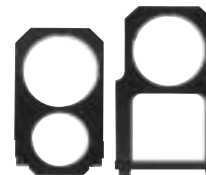


Fuel Filter Brackets

ALL40235

Brackets mount Allstar inline aluminum fuel filters to round or square tubing and flat surfaces. Flush mount bracket fastens to flat panels like a frame rail or firewall. A locking set screw holds filter in place. Brackets for round and square tubing clamp with caps secured by Allen head screws. Sold each.

Part No.	Tubing Size	Tubing Shape
ALL40229	1-1/4"	Round
ALL40227	1-3/8"	Round
ALL40228	1-1/2"	Round
ALL40230	1-3/4"	Round
ALL40232	2" x 2"	Square
ALL40235	Flush Mount	—



ALL40228

ALL40232

High-Flow Chrome Fuel Filter ALL40250

Canister-type filter has 3/8"NPT inlet and outlet, a replaceable 10 micron element, and 90 GPH flow.



Replacement Part

Part No.	Description
ALL40251	Replacement Element and Seals

Fuel Line

Premium fuel line is reinforced to help prevent kinking and is rated up to 50 PSI for use with carbureted applications.

Fuel line has many other uses, including connecting PCV valves, coolant overflow tanks, and vent lines for transmissions and differentials. Line is compatible with gasoline, E-85, diesel, and biodiesel. Size indicated is I.D. of hose.



Part No.	Description
ALL40350	1/4", 3' Long
ALL40351	1/4", 25' Long
ALL40353	5/16", 3' Long
ALL40354	5/16", 25' Long
ALL40356	3/8", 3' Long
ALL40357	3/8", 25' Long

Vacuum Line

Premium vacuum line resists kinking and is pliable for easy routing. Often used when connecting sensors, vacuum advance units, windshield washers or replacing existing cracked, leaking vacuum lines. Size indicated is I.D. of hose.



Part No.	Description
ALL40340	5/32", 5' Long
ALL40341	5/32", 50' Long
ALL40342	7/32", 5' Long
ALL40343	7/32", 50' Long

Coiled Tubing

Coiled tubing works great for building one-piece custom fuel lines without unions. Stainless steel tubing is 304 grade and double annealed for easy flaring and bending. Tubing does not include flare nuts (sold separately).

Part No.	Description
ALL48327	5/16" Standard Zinc, 25'
ALL48320	5/16" Stainless, 20'
ALL48328	3/8" Standard Zinc, 25'
ALL48322	3/8" Stainless, 20'





FUEL SYSTEM COMPONENTS

Inverted Flare Nuts

Flare nuts are used for building custom length lines.

Part No.	Size	Material	Qty.
Flare Nuts for 5/16" Fuel Line			
ALL50140	1/2"-20	Zinc-Plated	10-Pack
ALL50141	1/2"-20	Stainless	4-Pack
Flare Nuts for 3/8" Fuel Line			
ALL50142	5/8"-18	Zinc-Plated	10-Pack
ALL50143	5/8"-18	Stainless	4-Pack



Zinc

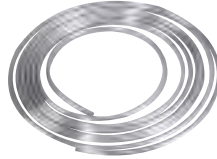


Stainless Steel

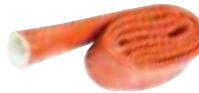
Aluminum Fuel Line

Aluminum fuel line is seamless and available in three diameters. 25' coil.

Part No.	Description
ALL40180	3/8" O.D.
ALL40185	1/2" O.D.
ALL40186	5/8" O.D.



ALL34284



Heat Sleeve

High-temperature silicone-coated fiberglass sleeving is non-flammable and resists temperatures up to 500°F. An excellent choice for protection of fuel lines, wiring, cables and various similar uses. Sleeving is resistant to gasoline and many other chemicals. Sold in 3' lengths. Size referenced is sleeve I.D. or O.D. of hose to be covered.

Color	1/4"	1/2"	3/4"	7/8"	1"
Orange	ALL34280	ALL34282	ALL34284	ALL34285	ALL34286
Black	ALL34290	ALL34292	ALL34294	ALL34295	ALL34296

Adjustable Fuel Logs

Adjustable fuel logs feature over 4" of adjustment to work with a variety of dual-inlet carburetors. Black anodized aluminum log has a -8AN fuel inlet and a 3/8"NPT plug in rear port that can be removed to install a return line or fuel pressure regulator.

Part No.	Description
ALL26150	Fuel Log with 7/8"-20 Fitting (Standard Holley)
ALL26151	Fuel Log with 3/4"-16 ORB Fitting (Holley Ultra HP)

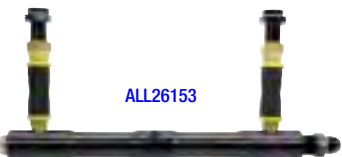


ALL26150

Fuel Logs

Fuel logs efficiently provide fuel to most 4150 series Holley style carburetors with 7/8"-20 inlet threads and standard metering blocks. Choose log with a -8AN male inlet fitting or -8 barbed inlet fitting for use with push-lock hose. Logs have 1/2"NPT and 1/8"NPT plugs that can be removed to install a return line or fuel pressure gauge.

Part No.	Description
ALL26152	Fuel Log with -8 Barbed Inlet Fitting
ALL26153	Fuel Log with -8AN Male Inlet Fitting



ALL26153

Aluminum Carb Fittings



ALL50890
ALL50892

ALL50900

ALL50902

ALL50901

ALL50896

ALL50904

ALL50906

ALL50905

Convert Holley carburetors with 7/8"-20 threads, Holley Ultra HP with 3/4"-16 ORB threads or BG/Demon style with 9/16"-24 threads to an AN-style connection. Anodized aluminum fittings simplify plumbing fuel systems and building custom fuel lines. Fittings sold each.

Fittings with:	Blue	Black
Female -6AN End Holley (7/8"-20)	ALL50890	ALL50892
Male -6AN End Holley (7/8"-20) Short	ALL50894	ALL50896
Female -8AN End Holley (7/8"-20)	ALL50900	ALL50902
Female -8AN End Holley HP (3/4"-16 ORB)	—	ALL50907
Female -8AN End BG/Demon (9/16"-24)	ALL50901	—
Male -8AN End Holley (7/8"-20) Short	ALL50904	ALL50906
Male -8AN End Holley (7/8"-20)	ALL50905	—

Replacement Part

Part No.	Description
ALL50910	Sealing Washer for 7/8" Fittings, 10-Pack



Fuel Line Kits

Dual-feed fuel line kits include the correct fittings and hoses to properly plumb single carburetor applications when connecting to AN-style fittings. Line kits also include a capped -4AN fitting which can be easily connected to a fuel pressure gauge. Kits are offered with -6AN or -8AN lines and fittings.

Application	C to C	Carb Thread	Red/Blue	Black
-6 Holley (4150 Series)	9-5/16"	7/8"-20	ALL26154	ALL26164
-8 Holley (4150 Series)	9-5/16"	7/8"-20	ALL26156	ALL26166
-8 Holley (4150 Series)*	9-5/8"	7/8"-20	ALL26159	ALL26169
-8 Holley Ultra HP (4150 Series)	9-5/8"	3/4"-16	—	ALL26165
-8 BG Demon	9-5/8"	9/16"-24	ALL26157	ALL26167

*Designed for carburetors with custom metering block including Willy's and KB.

GM T.P.I. Fuel Injection Fittings

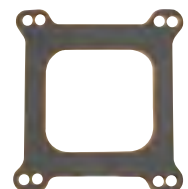
Special tube O-ring fittings convert GM Tuned Port Injection fuel systems to -6AN fittings.

Part No.	Description
ALL50950	TPI Return Fitting, 14mm-1.50
ALL50951	TPI Inlet Fitting, 16mm-1.50



Carburetor Gaskets

Part No.	Description
ALL87200	4150 Open
ALL87202	4150 4-Hole
ALL87204	4412 2-Hole, 2bbl.
ALL87206	4500 Open, Dominator



BROCK SWEETER



FUEL SYSTEM COMPONENTS

Carburetor Hold-Down Nuts

Easily remove these hold-down nuts with a 1/4" extension. The spring ball on your extension holds the nut in place, no wrench or socket needed! Package of 4.

Part No.	Description
ALL26324	5/16"-18 Coarse-Thread Nuts
ALL26326	5/16"-24 Fine-Thread Nuts



Angled Carb Spacer ALL25975

For Dirt Late Models and Modifieds, spacer is angled downward, toward left front, to correct hesitation caused by poor fuel distribution as car "rocks up". Four-hole design enhances carb signal to improve throttle response and increase torque.



Angled Restrictor Plate ALL25977

Four-hole aluminum spacer angles the carburetor left and to the rear so the carb is closer to level when in race attitude. Spacer accepts 1/2" or 1" tapered inserts which can be changed quickly by removing the carb. Inserts restrict air/fuel entry and reduce power slightly to prevent wheel spin and range in size from 0.950" to 1.400" for custom tailoring and quicker lap times. Spacer works with most Holley 4bbl. 4150/4160 series carburetors. Inserts sold separately.



Restrictor Plates

ALL26180

The "Governor" is a four-hole aluminum spacer that accepts tapered inserts which can be changed quickly by removing the carb. Inserts restrict air/fuel entry and reduce power slightly to prevent wheel spin and range in size from 0.950" to 1.400" for custom tailoring and quicker lap times. Spacer works with most Holley 4bbl. 4150/4160 series carburetors. Inserts sold separately.



Part No.	Description
ALL26180	1/2" Restrictor Plate
ALL26060	1" Restrictor Plate

Restrictor Plate Inserts

Tapered inserts are machined to be within .002" for precise tuning. Inserts feature a step to simply drop into spacers and have sizes engraved on each insert for easy identification. Sold in a set of 4.



For 1/2" Restrictor Plate		For 1" Restrictor Plate	
Part No.	Size	Part No.	Size
ALL26181	0.950"	ALL26061	0.950"
ALL26182	1.000"	ALL26062	1.000"
ALL26179	1.050"	ALL26059	1.050"
ALL26183	1.100"	ALL26063	1.100"
ALL26184	1.150"	ALL26064	1.150"
ALL26185	1.200"	ALL26065	1.200"
ALL26186	1.250"	ALL26066	1.250"
ALL26187	1.300"	ALL26067	1.300"
ALL26188	1.350"	ALL26068	1.350"
ALL26189	1.400"	ALL26069	1.400"

Full-Throttle Non-Restricting Inserts ALL26190

Inserts are used in place of restricting inserts allowing full-throttle operation without restriction, commonly used when qualifying or when track conditions allow for more power. Insert design provides a smooth transition over simply removing the restrictor inserts. Sold in a set of 4.



Circle Track Throttle Return Spring Brackets

Black anodized aluminum bracket fastens to the carburetor mounting studs and features a larger opening specifically designed for use with mechanical linkage found on many circle track cars. The larger opening allows throttle linkage to be routed from underneath to help prevent clearance or interference issues. Dual return springs are connected to a universal return spring bracket to work with most carburetors. Brackets include a built-in adjustable throttle stop to help prevent damage to carburetor.



ALL54185



Part No.	Description
ALL54185	Bracket for 4150 Series 4bbl.
ALL54186	Bracket for 4412 Series 2bbl.

Throttle Return Spring Brackets

Billet aluminum bracket can be used with cable or mechanical linkage. Bracket fastens to carb mounting studs and includes dual stainless steel return springs which are adjustable for tension. A specially designed return spring arm attaches to the carb for simplified installation and smooth operation. Low-profile design clears most air cleaner assemblies.



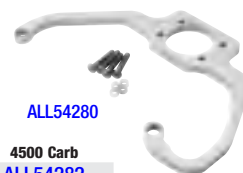
ALL54201

Carb Size	Clear	Black
4150/Edelbrock	ALL54200	ALL54202
4500	ALL54201	ALL54203

Note: Longer carburetor studs will be required to accommodate bracket.

Fuel Regulator Brackets

Billet aluminum brackets will mount four different style regulators. Hardware included. Silver in color.



ALL54280

Regulator	4150 Carb	4500 Carb
Aeromotive	ALL54280	ALL54282
Holley	ALL54284	ALL54286
Magnafuel	ALL54288	ALL54290
Mallory	ALL54292	ALL54294

Carb Stud Spacers ALL99388

Spacers provide added clearance between throttle brackets and carburetors when needed. Spacers are 5/16" tall with 11/16" I.D. Package of 2.



Adjustable Idle Kit ALL54154

Need cold start help to keep your race car running and get it warmed up? This kit allows you to adjust your idle speed from inside the cockpit! All items mount inside the foot box to stay clean and away from the carb itself! Designed to work with throttle pedals that have a flat surface on the arm, like Allstar ALL54098, bracket bolts to the foot box and adjusts against the top arm of the throttle pedal. Once your car is started, simply turn the adjustment knob to the desired idle setting. Kit is complete with adjustment knob, 5' cable assembly, mounting bracket and hardware. Throttle pedal sold separately.





FUEL SYSTEM COMPONENTS

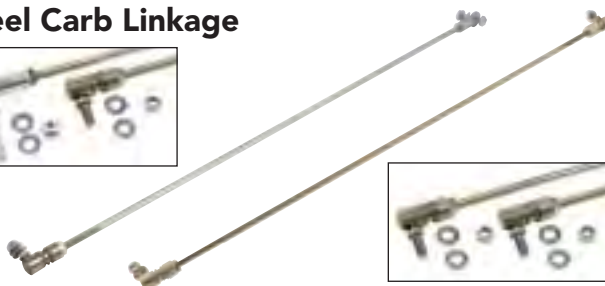
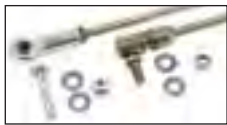
Aluminum Carb Linkage with Return Spring Kit [ALL54158](#)

Linkage kit includes a 24" linkage with 1/4" rod ends for smooth operation and a return spring kit for 2300 2bbl./4150 4bbl. Holley-style carburetors. Return spring kit includes correct stepped bushings, mounting hardware, heavy, and light rate return springs. Throttle rod is easily formed to fit many applications and may be shortened and rethreaded using a 1/4"-28 tap.

Replacement Parts

Part No.	Description
ALL54159	Carb Linkage Only
ALL54168	Return Spring Kit

Steel Carb Linkage



[ALL54171](#)

26" steel linkage kits with quick disconnects speed up carb changes and servicing. [ALL54170](#) includes one 1/4"-28 LH rod end and one quick disconnect. [ALL54171](#) includes two quick disconnects.

Part No.	Description
ALL54170	One Quick Disconnect and One 1/4"-28 LH Rod End
ALL54171	Two Quick Disconnects

Replacement Parts

ALL54172	Throttle Ball
ALL54173	RH Quick Disconnect
ALL54174	LH Quick Disconnect
ALL54175	24" Throttle Rod

Throttle/Shift Cables

Cables have many uses including as a throttle cable or as a shifter cable for many applications. Cables have 7/16" mounting threads, #10-32 RH cable ends and 3" of travel. Cables are listed as overall length.

Part No.	Description
ALL54142	43"
ALL54145	60"

Quick Release Throttle Cable Ends

Quick release ends are used when a throttle connection needs to be removed and installed often. Steel constructed housing has a spring-loaded release to keep housing secure to pivot ball.

Part No.	Description
ALL54147	#10-32 with #10-32 and 1/4"-28 Studs
ALL54149	1/4"-28 with 1/4"-28 Stud



Floor-Mounted Throttle Pedal Kit

Floor mount pedal offers a smooth, natural feel to maximize throttle control and comfort. Complete kit includes a pedal with a built-in return spring and throttle stop, universal firewall bell crank assembly, and two 24" throttle rods with rod ends and mounting hardware.

Firewall bell crank assembly requires welding to match the firewall angle and throttle rods will need to be cut and threaded to your specific lengths.

Part No.	Description
ALL54102	Complete Kit
ALL54104	Pedal Only
ALL54105	Throttle Cross Shaft Assembly
ALL54159	Linkage Rod Only



Throttle Bell Cranks

Designed for Sprint car applications, each bell crank is fitted with a pressed .250" I.D. bearing for smooth throttle operation and has optional locations for connecting push rods of various lengths. Typically two are required to complete an application. Push rod holes on each crank are .188" and spaced 3/8" apart.

Part No.	Description
ALL54150	Arms Set 75° Apart, 35 Grams
ALL54152	Arms Set 70° Apart, 40 Grams



Carb Mount Return Spring Kit [ALL54168](#)

Kit includes chrome-plated steel bracket, springs, bushings, and hardware to fit a variety of applications.



Universal Return Spring Bracket [ALL54167](#)

Chrome-plated steel bracket provides mounting location for return spring.



Universal Return Spring Kit [ALL54166](#)

Kit includes two springs and mounting bracket.



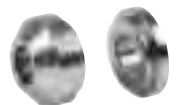
Return Springs [ALL54163](#)

Universal springs for carburetor are 11-1/2" long unextended. Package of 2.



Throttle Bushing Kit [ALL54164](#)

Aluminum bushings are stepped for clearance and adapt from 1/2" to 1/4" holes.





FUEL SYSTEM COMPONENTS

Gas Pedals

Gas pedals can be pulled back if throttle binds or return spring fails. Side-mount pedals are available as standard or roller design for smoother throttle control. Firewall mount pedal is used on race cars with flat or stock-type firewalls.



Part No.	Description
ALL54100	Standard
ALL54101	Roller
ALL54107	Firewall Mount

Adjustable Gas Pedals

Fully adjustable aluminum gas pedals are available for straight or angled foot box panels. Bronze bushings and nylon rollers provide smooth operation. Linkage arm has 1/4" holes spaced every 1/2" for adjustment of throttle linkage.

Part No.	Description
ALL54098	Straight
ALL54099	Angled



Fuel Cell Cap and Bolt-In Bung Kits

Billet aluminum neck looks good and provides a positive seal. The filler neck is raised to help prevent dirt and debris from falling into cell, which can cause fuel system contamination, while the large 3" opening helps when refueling. Kit includes mounting hardware.

Part No.	Description
ALL40133	12-Bolt JAZ/RCI w/Red Cap
ALL40134	6-Bolt JAZ w/Red Cap
ALL40136	12-Bolt JAZ/RCI w/Black Cap
ALL40137	6-Bolt JAZ w/Black Cap



Fuel Cell Mounting Bracket

Steel bracket is radiused to fit 1-1/2" tubing and has (8) 3/8" holes on 1/2" centers. Bracket is .085" thick and 1-1/2" wide x 4-3/4" tall.



Fuel Cell Mounting Brackets

Steel brackets are .125" thick, 1-3/4" wide and available in three lengths. All have 3/8" holes.

Part No.	Description
ALL60060	2" Long
ALL60061	3" Long
ALL60062	4-3/4" Long



Drum/Barrel Pump

ALL40114

Hand-siphon drum pump dispenses or transfers low viscosity fluids from a 55-gallon drum. Self-priming bulb delivers up to 5 gallons per minute. Compatible with gasoline, methanol, and nitro methane.



Funnels

Heavy-duty plastic funnels are perfect for topping off fuel or other liquids. Available in several sizes.



Part No.	Description
ALL40100	6 Qt. Funnel with Brass Screen, Most Common Fuel Funnel
ALL40102	2 Qt. Funnel with Brass Screen
ALL40104	1 Pint Funnel with Brass Screen

Redhead Dry Break Valves

Safe and effective method for refueling prevents fluid loss. Spring-loaded female receptacle mounts in a variety of locations and automatically closes when male dry break is removed. Female dry break accepts 2-1/2" fuel hose. Male dry break accepts 2-1/4" fuel hose.



Part No.	Description
ALL40213	Female
ALL40215	Male



Replacement Parts

Part No.	Description
ALL99028	Seal Kit for ALL40213
ALL99029	Seal Kit for ALL40215

Overflow Check Valves

Valves are 9-3/4" long and available in two styles.

Part No.	Description
ALL40200	1" Flapper Style
ALL40201	1-1/4" Flapper Style
ALL40203	1-1/4" Spring-Loaded



Fuel Cell Hose

Clear vent and filler hose is ideal for circle track cars. Sold in pre-cut lengths of 5', 10', and 20'.



Description	5'	10'	20'
1" I.D. Vent Hose	ALL40160-5	ALL40160-10	ALL40160-20
1-1/4" I.D. Vent Hose	ALL40161-5	ALL40161-10	ALL40161-20
1-1/2" I.D. Vent Hose	ALL40162-5	ALL40162-10	ALL40162-20
2-1/4" I.D. Filler Hose	ALL40168-5	ALL40168-10	ALL40168-20
2-1/2" I.D. Filler Hose	ALL40170-5	ALL40170-10	ALL40170-20



HUB BEARINGS & SEALS

Wheel Bearing Kits

Kits contain inner bearing, outer bearing and seal.

Part No.	Description
ALL72300	Wide 5 Kit, Wilwood, Winters
ALL72311*	Wide 5 Low Drag Kit, Wilwood, Winters
ALL72301	Wide 5 Kit, Howe (Contender Hub Only)
ALL72302	5x5 Kit, 2" Pin
ALL72303	5x5 Kit, 2-1/2" Pin

***Kit includes REM finished bearings and low drag lip style seal.**



Timken Wheel Bearing Grease

Part No.	Description
ALL78240	14-oz. Cartridge Standard
ALL78241	16-oz. Tub Standard
ALL78242	14-oz. Cartridge High Temp. Synthetic



Timken Wide 5 Wheel Bearing Kit [ALL72310](#)

This wheel bearing and seal kit is designed to fit most Wide 5 hubs. The complete kit will update one hub and includes inner and outer wheel bearings, inner and outer races and a low-drag hub seal.



JERRY PIERMAN

AUBREY RITTER

Wheel Bearings and Races

Tapered roller wheel bearings and bearing races are direct replacements for many popular applications. REM-finished bearings and races feature a special polished finish for reduced drag over standard bearing/race combinations.

Description	Inner Bearing	Inner Race	Outer Bearing	Outer Race
Standard				
Wide 5	ALL72215	ALL72230	ALL72245	ALL72255
5x5 2" Pin, Allstar, Howe, PCR	ALL72200	ALL72260	ALL72200	ALL72260
5x5 2-1/2" Pin, GN, AFco, Winters, SCP	ALL72210	ALL72225	ALL72210	ALL72225
Ford Granada, Mustang II, Hybrid	ALL72270	—	ALL72274	—
GM Metric 1979-81 Monte Carlo, etc.	ALL72275	—	ALL72277	—
GM Metric 1982-88 Monte Carlo, etc.	ALL72275	—	ALL72278	—
Timken				
Wide 5	ALL72217	—	ALL72247	—
5x5 2" Pin, Allstar, Howe, PCR	ALL72202	—	ALL72202	—
5x5 2-1/2" Pin, GN, AFco, Winters, SCP	ALL72212	—	ALL72212	—
REM Finished				
All Wide 5	ALL72216	ALL72231	ALL72246	ALL72256
5x5 2.5" Pin	ALL72290	—	ALL72290	—
Ford Granada, Mustang II, Hybrid	ALL72291	—	ALL72292	—
GM Metric 1979-81	ALL72293	—	ALL72294†	—



Master Wheel Bearing and Seal Kits

Kits contain all components to install one brake rotor/hub assembly including hub seal, inner bearing, outer bearing, locknut kit, and dust cap.

Part No.	Description
ALL72305†	GM Intermediate Metric, 1979-81
ALL72306†	GM Intermediate Metric, 1982-88
ALL72308	Ford Granada, Mustang II
ALL72309	Hybrid

†Bearing for Race or Cup with a 1.97" O.D.

‡Bearing for Race or Cup with a 1.78" O.D.



[ALL72305](#)

Bearing Spacers

Spacers fit between inner and outer bearings. Prevent over-tightening and consistently set bearing pre-load while reducing bearing drag. US Patent No. 6,312,162.

Part No.	Description
ALL72320	Wide 5
ALL72323	5x5 with 2" Pin
ALL72324	5x5 with 2-1/2" Pin
ALL72322	Pinto Spindle Hybrid Hub
ALL72325	Metric GM (Monte Carlo)



Standard and Low-Drag Hub Seals

Hub seals keep grease in the hub and on the wheel bearings. Available for 5x5 and Wide 5 hubs. Low-drag seals reduce drag for improved performance.

Description	Standard Hub Seal	Low Drag Hub Seal
Wide 5 (Except Howe)	ALL72120	ALL72121
Wide 5 (Except Howe) O-Ring Style	—	ALL72122
Wide 5 Howe	ALL72124	ALL72125
5x5 2" Pin, Allstar, Howe	ALL72124	ALL72125
5x5 2-1/2" Pin Winters, AFco, Allstar, SCP	ALL72114	ALL72115
5x5 2-1/2" Pin Winters, AFco, Allstar, SCP O-Ring Style	—	ALL72123
Ford Granada, Mustang II, Hybrid	ALL72126	—
GM Metric (Monte Carlo) 1978-88 (Front)	ALL72128	—



TYLER SPALDING

DAVID BISBEE



HUB BEARINGS & SEALS

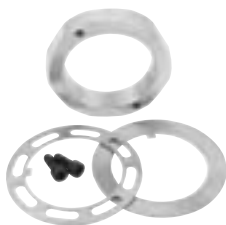
Spindle Nut Kits

Spindle nut kits include all required hardware to retain hub and rotor to spindle or axle tube.

2" Pin Kit

(Wide 5 and 5x5 Hubs)

2" pin kit for Allstar, Howe, PCR 5x5, and most Wide 5 hubs include a retaining nut, tabbed washer and a tabbed locking ring with locking screws. Retaining nut has 1-13/16"-16 RH threads.



Part No.	Description
ALL44130	Steel Spindle Nut Kit
ALL44131	Aluminum Spindle Nut Kit
ALL10110	Spindle Nut Socket for ALL44130 and ALL44131
ALL44132	Locking Screws for ALL44130, 4-Pack
ALL99172	Locking Screws for ALL44131, 4-Pack

2-1/2" Pin Kit (5x5 Hubs)

2-1/2" pin kit for Allstar, AFco and Winters 5x5 hubs include a retaining nut, tabbed washer and a tabbed locking ring with locking screws. Retaining nut has 2-3/8"-18 RH threads.



Part No.	Description
ALL72173	Steel Spindle Nut Kit, RH
ALL10115	Spindle Nut Socket for ALL72173
ALL44132	Locking Screws for ALL72173, 4-Pack

GM Nut Kit ALL72160

Kit for 1978-88 Metric Chassis stock-type spindles includes a 3/4"-20 retaining nut, tabbed washer, and a cotter pin.



Mustang II Kit ALL72161

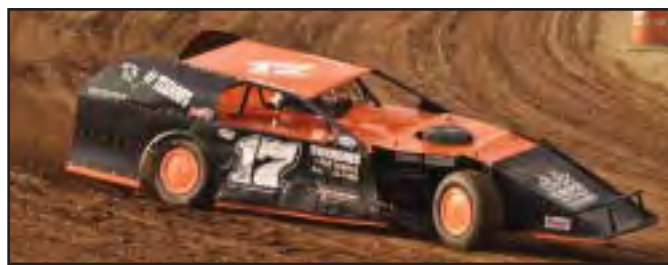
Kit for most Mustang II stock-type spindles includes a 13/16"-20 retaining nut, tabbed washer, crown washer, and a cotter pin.



Front Hub Dust Caps

Stock replacement style dust caps.

Part No.	Description
ALL72164	GM Metric Hub, 2-3/32" O.D.
ALL72165	Ford Hub, 1-25/32" O.D.



MIKE LANGDON

JIM FISHER

REAR ENDS & AXLES

Ford 9" Floater Housings



Housings are jig welded for correct alignment using a select used center section, include new 3" O.D. x 3/16" wall axle tubes, gear case mounting studs, fill and drain plugs.

Note: Axles are sold separately.

Housing Width/Offset	2.0" Pin	2.5" Pin
58"/Centered	—	ALL68820
60"/Centered	ALL68700	ALL68822
60"/2" Offset	ALL68702	—
61"/Centered	ALL68703	—
62"/Centered	ALL68704	ALL68824
62"/2" Offset	ALL68706	—
63"/2" Offset	ALL68708	—
64"/Centered	ALL68709	—

Custom Ford 9" Housings



Custom Ford 9" housings can be built to any width and pinion location with floating axle style pins or standard flanged axle ends. Floating axle-style housings are available with most 5x5 or Wide 5 hub pins. Standard flanged axle housings can be ordered with Small Ford, Early Big Ford, or Late/Torino Big Ford ends. All housings feature select used center sections, new 3" O.D. x 3/16" wall axle tubes installed and are completely jig-welded for straightness. To order, please call and request a special-order form, fill in all required information, and return to us with a signature attached. Housings are non-returnable and offered on a special-order basis only.

Part No.	Description
ALL68710	Custom Housing Bare
ALL68711	Custom Housing w/GM Metric Mounts

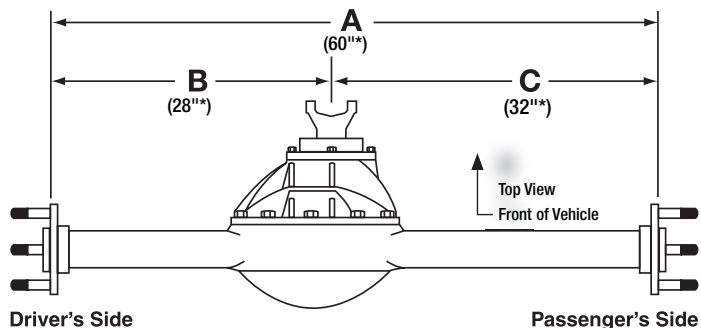
TECH TIP

Housing Measuring Diagram

Example: Bare housing ALL68702 is 60" from hub face to hub face and the pinion is located 2" to the left of the housing center-line when viewed from rear of housing.*

Notes: Please measure and inspect housing before welding brackets or painting. Housing is non-returnable if modified or custom. Welding suspension brackets on rear end housings can cause warping. Check for straightness after welding. These housings use Allstar ALL72100 inner grease seals.

*Dimensions for example only.





REAR ENDS & AXLES

9" Non Floater Housing Kit for GM Intermediate Metric Chassis



ALL68756

ALL68758

Housing kit fits the 1978-88 GM intermediate chassis. Replace a stock GM 7.5" rear-end with the much stronger Ford 9" style. Kit includes a select used center section, new axle tubes with large bearing late Ford/Torino style-ends, 31-spline axles with bearings and seals installed, drilled for studs with 5 on 4-1/2" or 5 on 4-3/4" bolt circles. Choose from two widths, 58" and 60" axle flange to axle flange.

Part No.	Description
ALL68758	Ford 9" Housing Kit 58" with GM Mounts
ALL68756	Ford 9" Housing Kit 58" without GM Mounts
ALL68759	Ford 9" Housing Kit 60" with GM Mounts
ALL68757	Ford 9" Housing Kit 60" without GM Mounts

Ford 9" Cut to Fit Flanged Axles

Cut to fit 31-spline axles for Ford 9" rear ends are a great alternative to custom axles for street, drag racing, or circle track use. Axles are drilled for .687" press-in style wheel studs and have multiple wheel bolt patterns for 5 on 4-1/2", 4-3/4", and 5" bolt circles. Axles have .470" thick flanges with a 5.94" outer diameter and a 3.06" hub register to center most rotors and drums. Axles with bearings have a 3.150" O.D. bearing installed for housings with large bearing ends, a press-on sleeve to retain bearing to the axle and an axle retainer for large bearing late/Torino style housing end. Wheel studs sold separately.

Part No.	Description
ALL67500	Axle, 29-1/2" Long (with 10" of Spline)
ALL67501	Axle with Bearing, 29-1/2" Long (with 10" of Spline)
ALL67502	Axle, 33" Long (with 9" of Spline)
ALL67503	Axle with Bearing, 33" Long (with 9" of Spline)

Note: Axle includes a spacer which allows axle to be a replacement for 2.36" or 2.50" offset axles. Spacer is pre-installed between axle flange and bearing assembly for 2.50" offset.

Related Items

Part No.	Description
ALL44111	1/2"-20 Wheel Studs, 5-Pack
ALL44117	5/8"-18 Wheel Studs, 5-Pack
ALL72315	Replacement Axle Bearing

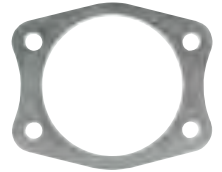
Backing Plate T-Bolts ALL72042

Unique 3/8"-24 x 1-1/4" T-head bolts are required to mount backing plates and brackets to late model Torino 9" housing ends. Package of 8.



Ford 9" Axle Spacer Plates

Spacer plate takes the place of drum brake backing plate and properly pre-loads the tapered style axle bearing. Spacers fit large bearing Ford 9" housing ends. Sold each.



ALL72318

Part No.	Description
ALL72318	Late Torino Style
ALL72319	Early Style

Backing Plate T-Bolts

ALL72042

Unique 3/8"-24 x 1-1/4" T-head bolts are required to mount backing plates and brackets to late model Torino 9" housing ends. Package of 8.



Ford 9" Axle Housing Seals

Internal seals prevent gear lube from leaking into axle tube to eliminate premature rear end failure. Seal housings are O-ring type with spring-loaded seals. For use with 3" O.D. axle tubes and most 31-spline axles. Measure I.D. of tube for proper fit.



Part No.	Description
ALL72100*	2.625" O.D. Fits 3/16" Wall, 3" Tube, Red
ALL72102	2.562" O.D. Fits 7/32" Wall, 3" Tube, Blue
ALL72104	2.500" O.D. Fits 1/4" Wall, 3" Tube, Gold

Replacement Parts

Part No.	Description
ALL72101	O-Rings for ALL72100, 3-Pack
ALL72103	O-Rings for ALL72102, 3-Pack
ALL72105	O-Rings for ALL72104, 3-Pack
ALL72108	Inner Seal

***Use with Allstar steel and aluminum axle tubes.**

Universal Ford 9" Axle Housing Seal ALL72099

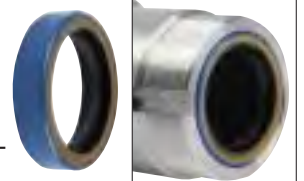
Place seal inside the axle tube near the center section to keep rear end lube in the center section area of most floating axle style rear end housings. Universal seal works with most 3" O.D. axle tubes, regardless of wall thickness. Internal seal diameter of .975" works with most 28- and 31-spline axles.



Inner Axle Snout Seal

ALL72142

Seal is pressed into the outer end of a 5x5 axle tube snout (2.5") to help prevent differential lube from entering the outer wheel bearing area and contaminating the wheel bearing grease. Seal has an outer diameter of 1.875" and an inner diameter of approximately 1.325".



T-Handle Axle Puller

ALL66115

All-in-one T-handle puller threads into axle for easy installation or removal. Tool includes adapters to fit 3/8"-16 coarse or 3/8"-24 fine-thread solid axles, and 3/4"-16 fine-thread gun-drilled axles.





REAR ENDS & AXLES

Axles



Allstar Axles fit most quick change and Ford 9" rears. Available in solid 28- or 31-spline or lightweight, gun-drilled 31-spline styles. Use with 24-spline drive flanges.

Length	28-Spline Solid	31-Spline Gun-Drilled	31-Spline Solid
26-1/2"	—	ALL66265	ALL66266
27"	—	ALL66270	—
27-1/2"	ALL67276	ALL66275	ALL66276
28"	ALL67281	ALL66280	ALL66281
28-1/2"	ALL67286	ALL66285	ALL66286
29"	ALL67291	ALL66290	ALL66291
29-1/2"	ALL67296	ALL66295	ALL66296
30"	ALL67301	ALL66300	ALL66301
30-1/2"	ALL67306	ALL66305	ALL66306
31"	ALL67311	ALL66310	ALL66311
31-1/2"	ALL67316	ALL66315	ALL66316
32"	ALL67321	ALL66320	ALL66321
32-1/2"	ALL67326	ALL66325	ALL66326
33"	ALL67331	ALL66330	ALL66331
33-1/2"	ALL67336	ALL66335	ALL66336
34"	—	ALL66340	ALL66341
34-1/2"	—	ALL66345	ALL66346
35"	—	ALL66350	ALL66351
35-1/2"	—	ALL66355	ALL66356
36"	—	ALL66360	ALL66361
36-1/2"	—	ALL66365	ALL66366
37"	—	ALL66370	ALL66371
37-1/2"	—	ALL66375	ALL66376
38"	—	ALL66380	ALL66381
38-1/2"	—	ALL66385	ALL66386
39"	—	ALL66390	ALL66391
39-1/2"	—	ALL66395	ALL66396
40"	—	ALL66400	ALL66401

Axle Spline Tool ALL66104

Tool clamps in a vise to hold 31-spline axles for maintenance or installation of axle plugs. Assures perfect spline alignment when installing lock-up plugs used with locker style differentials.



Aluminum Axle Plug ALL66100

Axle plug threads into the end of a gun-drilled Allstar, Ford 9", or quick-change axle to keep rear end lube out of the axles. 3/8"-24 internal thread for correct axle spacing.



Extreme Pressure Lube ALL78246

Originally used throughout the tool and die industry, this lube provides superior durability and wear protection, taking the place of anti-seize in many applications. Recommended for spline-to-spline contact, threaded adjusters and engine fasteners. 4-ounce tube.



Steel Axle Tubes

Steel axle tubes have a 3" O.D., a 2-5/8" I.D. and may be shortened.



Part No.	Overall Tube Length	Tube Length to Inner Bearing	Axle Length
Wide 5			
ALL68216	25"	19-1/2"	31"
ALL68218	26"	20-1/2"	32"
ALL68220	27"	21-1/2"	33"
ALL68222	28"	22-1/2"	34"
ALL68224	29"	23-1/2"	35"
ALL68226	30"	24-1/2"	36"
ALL68228	31"	25-1/2"	37"
ALL68230	32"	26-1/2"	38"
ALL68231	32-1/2"	27"	38-1/2"
ALL68232	33"	27-1/2"	39"
ALL68234	34"	28-1/2"	40"
ALL68235	35"	29-1/2"	41"
5x5, 2-1/2" Pin, Allstar, Winters, AFCO			
ALL68240	22"	19-1/2"	28-1/2"
ALL68244	24"	21-1/2"	30-1/2"
ALL68246	25"	22-1/2"	31-1/2"
ALL68248	26"	23-1/2"	32-1/2"
ALL68252	28"	25-1/2"	34-1/2"
ALL68256	30"	27-1/2"	36-1/2"
ALL68258	31"	28-1/2"	37-1/2"
ALL68260	32"	29-1/2"	38-1/2"
5x5, 2" Pin, Allstar, Howe, Port City			
ALL68264	24"	20-1/2"	30"
ALL68266	25"	21-1/2"	31"
ALL68268	26"	22-1/2"	32"
ALL68270	27"	23-1/2"	33"
ALL68272	28"	24-1/2"	34"
ALL68274	29"	25-1/2"	35"
ALL68276	30"	26-1/2"	36-1/2"
ALL68278	31"	27.75"	37-1/2"
ALL68280	32"	28.75"	38-1/2"

Wide 5 Aluminum Axle Tubes

3" O.D. x 2.500" I.D. axle tubes are built from 7075-T6 aluminum and are machined for spool seal ALL72140.

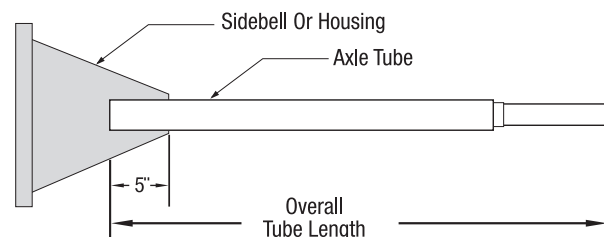


Part No.	Overall Tube Length	Tube Length to Inner Bearing	Axle Length
ALL68200	25"	19-1/2"	31"
ALL68201	25-5/8"	20-1/8"	31-1/2"
ALL68202	26"	20-1/2"	32"
ALL68203	26-5/8"	21-1/8"	32-1/2"
ALL68204	27"	21-1/2"	33"
ALL68206	28"	22-1/2"	34"
ALL68208	29"	23-1/2"	35"
ALL68210	30"	24-1/2"	36"
ALL68212	32"	26-1/2"	38"
ALL68213	35"	29-1/2"	41"

TECH TIP

How to Measure Axle Tube Length

Tube should extend 5" into side bell or aluminum housing.





REAR ENDS & AXLES

Quick-Change Tube Install/Removal Tool ALL11350

Finally an easy and correct way to install and remove quick-change axle tubes. Secure support tool into a vice or to a workbench with optional brackets. Components are included to remove and install tubes with the turn of a wrench. An adapter for tubes with Wide 5 or 5 on 5" hubs is also included.

Related Parts

Part No.	Description
ALL11355	Installation End Cap for Bolt-On and 2-7/8" Pin Wide 5 Tubes
ALL11351	Mounting Bracket Kit for Quick-Change Tube Install/Removal Tool



Bench Yoke ALL11360

Bench yoke mounts to a workbench to hold transmissions, rear ends, differentials, and many other items for assembly or servicing. Yoke rotates 360° and features two 10" long pivoting arms that are 1" wide by 1/2" thick. Tool is unpainted so it can be modified as needed.



Weld-On Snouts

Weld-on snouts may be used for repairing existing axle tubes or custom building new tubes. Three hub styles are available.



Part No.	Description
ALL68300	Wide 5
ALL68302	5x5 2" Pin, Allstar, Howe, PCR
ALL68304	5x5 2-1/2" Pin, RH Thread, Allstar, AFCO, Winters

Quick-Change Cover Nuts ALL72060

Aluminum nuts are pre-drilled for safety wire to prevent nuts from working loose and causing leaks. Nuts have 3/8"-16 threads. Package of 10.



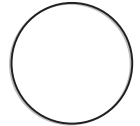
Quick-Change Cover Gaskets

Part No.	Description
ALL72050	Paper, Single
ALL72050-10	Paper, 10-Pack
ALL72052	Thick with Steel Core, Single
ALL72052-10	Thick with Steel Core, 10-Pack



Quick-Change Side Bell O-Ring ALL72054

Replacement O-ring for Winters quick change.



Axle Tube Oil Seal ALL72140

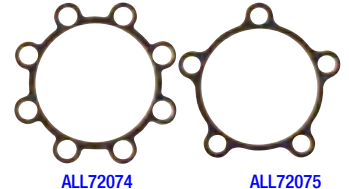
Also called a spool seal, it fits Frankland, Winters, and other quick-change rear ends. Seal is pressed into side bell or axle tube and seats against the bearing flange of the spool to prevent lube from leaking into axle tubes. Seal has a 1-15/16" I.D. and a 2-5/8" O.D.



Drive Flange Gaskets

Steel core gaskets help prevent leaking issues commonly found with standard paper gaskets. Package of 2.

Part No.	Description
ALL72074	8-Bolt
ALL72075	5-Bolt



Quick-Change Gear Case ALL14355

Sturdy composite storage case protects and holds up to 8 sets of quick-change gears. Case has molded in carrying handles and metal hinges. 5" x 8" x 15-1/2" overall when closed.



Aluminum Quick-Change Drain Pan ALL14166

Aluminum drain pan is handy when changing quick-change gears. Built-in perforated shelf holds gears and allows lube to drain into pan. Pan is 10-1/4" wide, 12" long, and 3-3/4" deep.



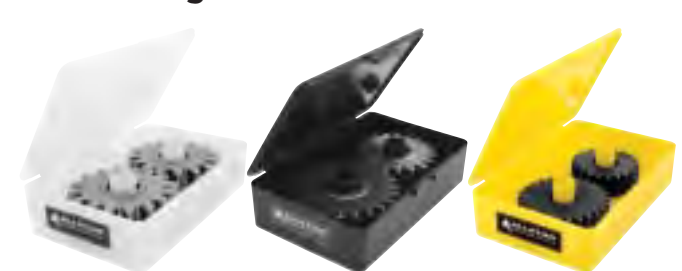
Quick-Change Jack Post Brackets

Brackets bolt to quick-change rear end, providing a location to jack the car.

Part No.	Description
ALL68346	Steel Bracket
ALL68347	Aluminum Bracket



Quick-Change Gear Totes



Durable plastic quick-change gear tote organizes extra gear sets and keeps them clean. Lid snaps shut to hold gears in place. 8"L. x 5"W. x 2"H.

Description	Single	10-Pack
White	ALL14350	ALL14350-10
Black	ALL14351	ALL14351-10
Yellow, 6-Spline (Midjet) Gear Set	ALL14352	ALL14352-10



REAR ENDS & AXLES

Gear Tote Tray [ALL12269](#)

Neatly organize up to 10 quick change gear tote boxes vertically. Tray is 21" long x 5-1/2" deep with a 4" tall front edge making them perfectly sized for Allstar gear tote boxes.

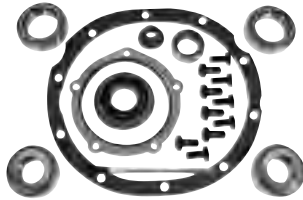


Ring and Pinion Installation Kits

Allstar ring and pinion installation kits are available with or without bearings. Kits contain all the hard-to-find individual parts for a quick, trouble-free installation.

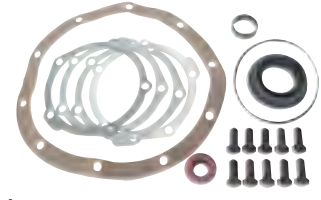
Bearing Kits Include:*

- Pinion and Side (Carrier) Bearings
- Pinion Seal
- Pinion Depth Shims
- Adjustable Side (Carrier) Shims
- Crush Sleeve or Solid Spacer
- Pinion Nut
- One-Ounce Tube of Silicone or Gasket
- Gear Marking Compound
- Ring Gear Bolts



Shim Kits Include:*

- Pinion Seal
- Pinion Depth Shims
- Adjustable Side (Carrier) Shims, Two (If Applicable)
- Crush Sleeve or Solid Spacer
- Pinion Nut
- One-Ounce Tube of Silicone or Gasket
- Gear Marking Compound
- Ring Gear Bolts



* Kit components shown for reference only, specific components will vary depending on application.

Bearing Kit	Shim Kit	Carrier Type	Application
General Motors			
ALL68515	ALL68615	10-Bolt	7.5", Passenger and Light Truck S-10 1982-1998
—	ALL68616	10-Bolt	7.5", Passenger, Except Monza 1977-1981
—	ALL68622	10-Bolt	8.2", Chevy Passenger and G-10 Van, 30-Spline Pinion
ALL68521	ALL68621	10-Bolt	8.5", 30-Spline Pinion Passenger and Light Truck
Ford Motor Company			
ALL68513	ALL68613	8.8"	Salisbury Type with 10-Bolt Cover, 30-Spline Pinion
ALL68510	ALL68610	9"	2.893" Carrier Bearing, Stock 28-Spline Pinion Support, Solid Spacer
ALL68511	ALL68611	9"	2.893" Carrier Bearing, Stock 28-Spline Pinion Support, Crush Sleeve
ALL68509	ALL68610	9"	3.062" Carrier Bearing, Stock 28-Spline Pinion Support, Solid Spacer
ALL68512	ALL68611	9"	3.062" Carrier Bearing, Stock 28-Spline Pinion Support, Crush Sleeve
ALL68539	ALL68610	9"	3.062" Carrier Bearing, Daytona 28-Spline Pinion Support, Solid Spacer
ALL68538	ALL68611	9"	3.062" Carrier Bearing, Daytona 28-Spline Pinion Support, Crush Sleeve

Ring and Pinion Gear Sets

Quality differential components are suitable for race, street or off-road use. Lapped in matched sets for quiet operation.

GM 7.5"

Sets fit 10-bolt with 7.5" ring gear, 1.438" diameter pinion stem and 27-spline pinion.



Description	Single	10-Pack
ALL70110*	3.23	42-13
ALL70112*	3.42	41-12
ALL70113†	3.42	41-12
ALL70114*	3.73	41-11
ALL70115†	3.73	41-11
ALL70116*	4.10	41-10
ALL70117†	4.10	41-10
ALL70118*	4.56	41-9

*Set includes standard width ring gear for use with 3.23 and numerically higher ratio carriers or when using 3.08 and numerically lower ratio carriers and [ALL70100](#) spacer.

†Set includes thick ring gear for use with 3.08 and numerically lower ratio carriers.

GM 8.5"

Sets fit 10-bolt with 8.5" ring gear, 1.625" diameter pinion stem, and 30-spline pinion.

Part No.	Ratio	Tooth
ALL70120	3.08	40-13
ALL70122	3.42	41-12
ALL70124	3.73	41-11
ALL70126	4.10	41-10
ALL70128	4.56	41-9

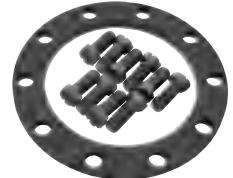
Ford 9"

Sets fit 10-bolt with 9" ring gear, 1.313" diameter pinion stem, and 28-spline pinion.

Part No.	Ratio	Tooth	Part No.	Ratio	Tooth
ALL70010	3.50	35-10	ALL70028	5.14	36-7
ALL70012	3.70	37-10	ALL70030	5.29	37-7
ALL70014	3.89	35-9	ALL70032	5.43	38-7
ALL70016	4.11	37-9	ALL70034	5.67	34-6
ALL70018	4.30	39-9	ALL70036	5.83	35-6
ALL70020	4.56	41-9	ALL70038	6.00	30-5
ALL70022	4.71	33-7	ALL70040	6.20	31-5
ALL70024	4.86	34-7	ALL70042	6.33	38-6
ALL70026	5.00	30-6	ALL70044	6.50	39-6

GM 7.5" Ring Gear Spacer [ALL70100](#)

Spacer allows installation of 3.23 and numerically higher ratio gear sets with standard thickness ring gears into 3.08 and numerically lower carriers. Steel spacer is .3125" thick and includes ten 7/16"-20 x 1-1/4" UHL LH bolts.



Gear Marking Compound Kit [ALL78250](#)

Gear marking compound kit is a good way to identify correct gear contact area when installing or adjusting ring and pinion gear sets. Kit includes gear marking compound and application brush.

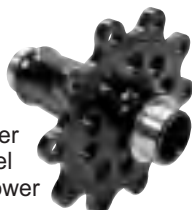




REAR ENDS & AXLES

Spools

Replace a troublesome positive traction unit with a high-quality Allstar spool. Substantially lighter than conventional carriers, spools deliver equal power to both rear wheels. Ultra-lite steel spools have more lightening holes and a narrower ring gear flange than standard units.



ALL68060

Ford 9" Steel Spools

Part No.	Description
ALL68060	28-Spline, Scalloped, 7.5 lbs.
ALL68062	28-Spline, Ultra-Lite, 6.3 lbs.
ALL68063	28-Spline, Ultra-Lite Scalloped, 6.0 lbs.
ALL68064	31-Spline, Scalloped, 7.6 lbs.
ALL68066	31-Spline, Ultra-Lite, 6.1 lbs.
ALL68067	31-Spline, Ultra-Lite Scalloped, 5.8 lbs.

Aluminum Spools

Part No.	Description
ALL68114	Quick Change Winters, 31-Spline, 2.030" Bearings
ALL68115	Quick Change D.M.I., Frankland, Tiger and Richmond, 31-Spline, 2" Bearings

Mini Spools

Mini spool assemblies replace the OE side and spider gears in open style carriers to provide equal traction to both axles. Mini spools are precisely machined for proper fit and heat treated for durability.



ALL68122

- 1957-87 Ford 9" Rear Ends with 3/4" Cross Pin
- 1976-88 GM 7.5" with 7.5" or 7.625" Ring Gear, 26-Spline Axles
- 1964-72 GM 10-Bolt with 8.2" Dia. Ring Gear, 28-Spline Axles
- 1970-76 GM 10-Bolt with 8.5" Dia. Ring Gear, 28-Spline Axles

Part No.	Description
ALL68121	Ford 9", (Lightweight) 28-Spline
ALL68122	Ford 9", (Lightweight) 31-Spline
ALL68168	Ford 8.8", 28-Spline
ALL68166†	GM (7.5" Ring Gear), 26-Spline
ALL68162	GM 10-Bolt (8.2" Ring Gear), 28-Spline
ALL68160	GM 10-Bolt (8.5" Ring Gear), 28-Spline

†There are at least three different 7.5" GM cases available, shimming may be required between the case and side gear of the spool to eliminate space between blocks

Cross Pins



ALL68120

Part No.	Description
ALL68120	Ford 8.8" and 9" (3/4")
ALL68167	GM 10-Bolt (7.5" Ring Gear)
ALL68163	GM 10-Bolt (8.2" Ring Gear)
ALL68161	GM 10-Bolt (8.5" Ring Gear)

GM Axle C-Clips

Replacement C-clips for popular GM 10- and 12-bolt axles.

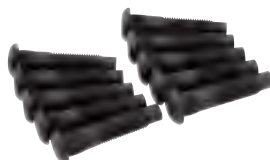


Part No.	Description
ALL66120	7.5" 10-Bolt, 2-Pack
ALL66121	8.5" 10-Bolt and 8.875" 12-Bolt, 2-Pack

Ford 9" Housing Studs

ALL72040

Studs secure the center section to the housing and are installed by pulling through with a nut for a press fit. 3/8"-24 threads. Package of 10.



Ford 9" Gaskets

Gaskets are precision die-cut to ensure a leak free seal.

Part No.	Description
ALL72044	Paper
ALL72045	Composite with Steel Core
ALL72046	Composite with Steel Core Non-Stick



ALL72046

Ford 9"

Pinion Support ALL68396

"Daytona" forged aluminum pinion support replaces original equipment cast iron support. Support is furnished with races installed and is for use with 28-spline pinion gears.



Pinion Seals

Replace leaking or damaged seals in most popular differentials.

Part No.	Description
ALL72145	Quick Change 5/16" Wide
ALL72144	Quick Change 1/2" Wide
ALL72143	Quick Change 3/4" Wide
ALL72146	Ford 9" Standard, 28-Spline, 3" O.D.
ALL72147	7.5" GM
ALL72148	8.5" GM



Pinion Yokes



ALL68380



ALL68382



ALL68384

Part No.	Spline	U-Joint	Width	Cap Dia.	Material	Length
Ford 9" Yokes						
ALL68384	28	1310	3-1/4"	1.062"	Aluminum	Standard
ALL68375	28	1310	3-1/4"	1.062"	Cast Steel	Standard
ALL68376	28	1330	3-5/8"	1.062"	Cast Steel	Standard
ALL68377	28	1330	3-5/8"	1.062"	Cast Steel	1" Longer
ALL68380	28	1350	3-5/8"	1.187"	Forged Steel	Standard
ALL68382	35	1350	3-5/8"	1.187"	Forged Steel	Standard
Quick Change Yokes						
ALL68385	10	1310	3-1/4"	1.062"	Cast Steel	Standard
ALL68386	10	1310	3-1/4"	1.062"	Cast Steel	1" Longer

Billet Quick Change Pinion Yokes

Billet steel pinion yokes offer superior strength while the longer unit gives you an option to use a shorter driveshaft. For use with 1310 series 3-1/4" wide U-joint.



ALL68388

Part No.	Description
ALL68387	Standard Length
ALL68388	1" Longer

Pinion Nuts

Replace original worn or damaged nuts each time a gear set is changed. Nut secures driveshaft yoke to pinion gear.



Part No.	Description
ALL72155	Ford 8.8" and Standard 9"
ALL72156	GM 7.5 and 8.5

Pinion Yoke Wrench ALL68372

Wrench fastens to most popular pinion flanges and companion flanges to hold when setting bearing pre-load and tightening retaining bolt or nut.





REAR ENDS & AXLES

U-Joints

Performance U-joints are greasable and fit a variety of driveshaft combinations.

1310 Series: 3.218" Wide with 1.062" Diameter Caps

1330 Series: 3.622" Wide with 1.062" Diameter Caps

1350 Series: 3.622" Wide with 1.187" Diameter Caps

U-Joints with Same Cross Width

Part No.	Description
ALL69030	1310 Series
ALL69031	1330 Series
ALL69032	1350 Series

U-Joints with Different Cross Widths

Part No.	Description
ALL69034	1310 to 1330
ALL69037*	1310 to 1330
ALL69035	1310 to 1350
ALL69036	1330 to 1350

*Standard 1330 spread with larger 1.125" diameter caps.

U-Bolt Kits

U-bolt kits for 1310, 1330 and 1350 series U-joints secure drive-shaft to pinion yoke. Sold in pairs with nuts and lock washers.

	U-Bolt	U-Joint Series	Cap	Thread	"A"	Stud CTC "B"
Std.	ALL69015	1310/1330	1-1/16"	5/16"-24	1-3/4"	1.400"
X-Long	ALL69017	1310/1330	1-1/16"	5/16"-24	2"	1.400"
Std.	ALL69018	1330†	1-1/8"	5/16"-24	1-7/8"	1.575"
Std.	ALL69016	1350	1-3/16"	3/8"-24	2"	1.625"

†1330 with big caps (1.125")

GM U-Joint Strap Kit ALL69014

Replacement O.E. style U-joint strap kit fits popular GM pinion yokes including 7.5", 8.2", 8.5" 10-bolt and other popular rear ends. Kit is designed for 1-1/8" (1.125") diameter caps and includes (2) 5/8" wide steel straps with 1-7/8" CTC holes and (4) 1-1/2" long 5/16"-24 grade eight bolts.

Ford 9" U-Joint Girdle Kit ALL69025

Aluminum U-joint girdles replace standard steel U-bolts and provide more surface clamping area for 1310 and 1330 (1-1/16") U-joint caps. Girdle design helps prevent over-tightening and includes mounting hardware.

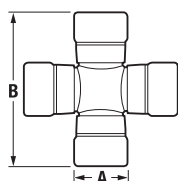
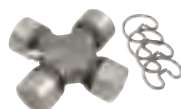
Steel Driveshafts

Driveshafts are built from 2-1/2" O.D. x .065" wall, D.O.M. steel tubing, balanced, painted white and completely assembled with greaseable 1310 series (3-1/4") U-joints. Driveshafts also include a popular 27-spline slip yoke to work with Powerglide, TH350, Bert, Brinn and many other transmissions. Yoke measures 5.50" from U-joint centerline to end with 3.50" of slip length. Dimensions listed are from center to center of U-joints.

Part No.	Description
ALL69019	29.5"
ALL69020	30.5"
ALL69022	31.5"
ALL69023	32"
ALL69024	32.5"

Related Parts

Part No.	Description
ALL69015	U-Bolt Kit
ALL69030	1310 U-Joint



Width = B, Caps = A



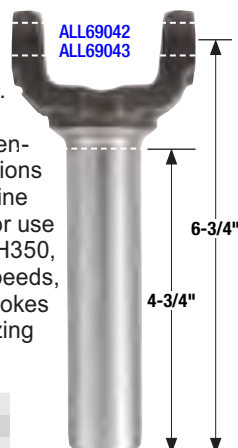
Slip Yokes

Slip yokes provide an important link in today's driveline and chassis combinations. Yokes are available in standard length for most street applications with minimal suspension travel to extra-long for racing suspensions that have a radical amount of travel. 27-spline yokes accept 1310 style U-joints and are for use in many popular transmissions including TH350, TH700R4, Muncie and Saginaw 3 and 4 speeds, Bert and Brinn non-ball spline. Hardened yokes are designed for use with tail housings utilizing needle roller bearings.

Part No.	Description
ALL69040	6"
ALL69042	6-3/4"
ALL69044	7-1/2"
ALL69046	8"
ALL69048	8" (Extra Clearance)

Hardened

Part No.	Description
ALL69043	6-3/4"
ALL69045	7-1/2"
ALL69047	8"



Tailshaft Seal and Bushing

The tailshaft bushing is a regular wear item, located inside the transmission tailshaft housing. It should be replaced when replacing the tailshaft seal or when a driveshaft failure has occurred. A worn bushing will cause excessive side-to-side movement of the slip yoke and create a vibration or leak. Replacement bushing and seal fits GM Powerglide, Turbo 350, Saginaw, Muncie, Bert, and Brinn transmissions.

Part No.	Description
ALL72150	Seal
ALL72152	Seal with Bushing



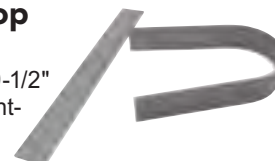
Universal Driveshaft Loop ALL69000

Universal driveshaft loop contains the driveshaft if a yoke or U-joint fails. Loop is 1/4" thick x 2" wide mild steel and fully adjustable to fit most cars.



Unwelded Driveshaft Loop ALL69004

Made from 3/16" flat steel, loop is 9-1/2" tall, 5-1/2" wide with a 16" wide mounting strap that can be cut and welded for each installation.



180° Driveshaft Loop ALL69002

Pre-bent 1" diameter x .083" wall mild steel tubing is designed for chassis style cars to help retain the driveshaft in the event of a U-joint failure. Loop is 10" tall overall and has a 5" I.D.





REAR ENDS & AXLES

Combo Remote Fill Tank

ALL36134

Aluminum fill tank features a pre-drilled 4-1/2" square mounting flange for securing tank to the underside of deck panel, providing an easy-access fill location for rear end/differential, transmission, power steering, or dry sump tank. Tank has a raised non-vented cap and a -10AN male lower hose fitting. Tank also has a 3/8"NPT side port for a return or vent, and a separate 3/8"NPT fitting with an integrated foam filter for an additional vent.



Remote Fill Tanks

Aluminum tanks feature a 5-3/8" mounting flange to mount in a deck panel or other flat horizontal panel, providing an easy-access fill location for rear end/differentials, transmissions, or dry sump tanks. Tanks have a raised, vented twist on cap and a -10AN male hose connection. Overall tank height is 9" x 3" in diameter.



ALL36111



Weld-In Fitting
ALL36110
ALL36111



Weld-On Flange
ALL36110
ALL36111

Part No.	Description
ALL36110	Fill Tank
ALL36111	Fill Tank with 3/8"NPT Bung
ALL36124	Replacement Cap

Mini Breather Tanks

Small capacity spun aluminum tanks can be used to vent transmission or rear end to prevent lubricant from being forced out. Tanks are complete with 1/4"NPT bung at bottom and bracket for mounting to chassis tubing.

Part No.	Description
ALL36140	Tank for 1-1/2" Dia. Tubing
ALL36141	Tank for to 1-3/4" Dia. Tubing
ALL36142	Tank with Flat Mount



Mini Breather ALL36145

Compact breather mounts in a deck or bracket with a 7/16" hole and has a -4AN male end making it ideal for venting transmissions or rear ends.



Clamp-On Mini Breathers

Breathers mount easily to either 1-1/2" or 1-3/4" tubing. Breathers are 1" tall and 1-3/8" in diameter. Great for use on transmissions, differentials, etc. Bottom fitting is 1/4"NPT. Black anodized finish.

Part No.	Description
ALL36106	Breather for 1-1/2" Tubing
ALL36107	Breather for 1-3/4" Tubing
ALL36103	Replacement Filter Only



AUSTEN HUBBARD

JOHNNYB IMAGERY

SAFETY/DRIVER EQUIPMENT

Roll Bar Padding

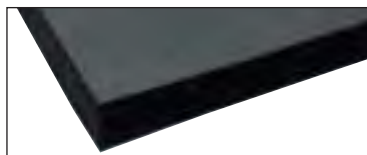
Closed-cell foam does not absorb moisture, but progressively absorbs shock (gets more dense as it is compressed). Offset inside diameter allows easy installation, with thicker padding toward driver. Available in 3' lengths.



Part No.	Description
ALL14100	Black
ALL14101	Red
ALL14102	Blue
ALL14103	Orange
ALL14104	Yellow
ALL14105	Gray
ALL14106	Purple

Door Bar Padding ALL14115

Closed cell padding adds protection from hard surfaces inside a race car. Cover door bars, seat supports, or increase padding in seat for comfort. Sold in 36" x 48" sheets, 3/4" thick.



Door Bar Clamp ALL14198

Clamp fastens around a 1-1/2" door bar, allowing a steel door plate to be mounted to the outside of the door bar area. Clamp eliminates the need to weld mounting tabs or door plate directly to a finished chassis. Sold each and includes 1/2" mounting hardware.



Related Items

Part No.	Description
ALL54070	18" x 26" Steel Plate
ALL54071	24" x 24" Steel Plate
ALL54072	24" x 36" Steel Plate



TRAVIS STEMLER

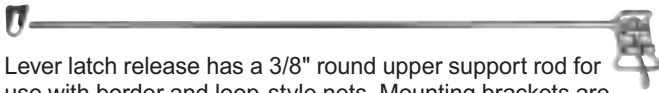
STEVE DATEMA



SAFETY/DRIVER EQUIPMENT

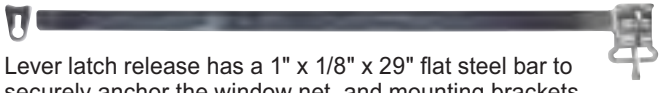
Window Net Installation Kits

Latch-Type Round Tube [ALL10217](#)



Lever latch release has a 3/8" round upper support rod for use with border and loop-style nets. Mounting brackets are included.

Latch-Type Flat Bar [ALL10218](#)



Lever latch release has a 1" x 1/8" x 29" flat steel bar to securely anchor the window net, and mounting brackets. Use with loop-style nets. Will not work with most border-type nets.

Replacement Part

Part No.	Description
ALL99070	Replacement Mounting Tabs

Spring-Loaded Round Tube [ALL10219](#)



Spring-loaded tube eliminates the latch release and provides easy entry and exit. Pushing against the handle allows the spring loaded rod to compress approximately 3/4" to release or fasten window net. Kit includes a 26-1/2" long x 9/16" diameter spring-loaded top tube, 3/4" flat aluminum strap for securing the bottom of the net, mounting hardware, handle and instructions. Designed for most border and loop style nets.

Replacement Part

Part No.	Description
ALL99070	Replacement Mounting Tabs

Clamp-On Kits

Clamp-on kit eliminates welding tabs to chassis. Clamps have .600" holes designed to install ALL10219 window net installation kit to chassis tubing.

Part No.	Description
ALL10221	1-1/2" Kit
ALL10222	1-3/4" Kit

Replacement Parts

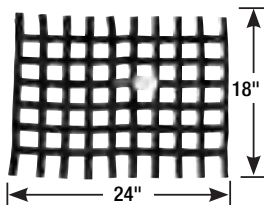
Part No.	Description
ALL99160	1-1/2" Clamp-On Bracket, Fixed
ALL99161	1-1/2" Clamp-On Bracket, Swivel
ALL99162	1-3/4" Clamp-On Bracket, Fixed
ALL99163	1-3/4" Clamp-On Bracket, Swivel



Loop-Style Ribbon Window Nets

Durable polypropylene nets are ideal for a variety of full bodied cars. Webbing is double stitched with heavy nylon thread. All nets meet SFI 27.1 specifications and are appropriately tagged. Loop design net has loops sewn in top and bottom of net to accept most round tube and flat bar window net installation kits.

Part No.	Description
ALL10290	18" x 18" Black
ALL10295	18" x 24" Black



Mesh Window Nets

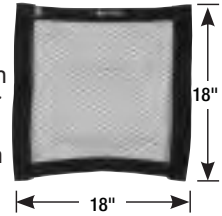
Durable, lightweight, black polyester mesh nets increase driver vision and stop smaller debris better than conventional ribbon or string nets. Mesh style net has large built-in sleeves in top and bottom of net to accept most round tube and flat bar window net installation kits. SFI Rated (27.1)

Non-SFI

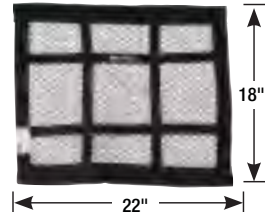
Part No.	Description
ALL10294	18"H x 18"W
ALL10298	18"H x 22"W
ALL10299	18"H x 27"W x 22"W (Angled)

SFI Rated (27.1)

Part No.	Description
ALL10211	18"H x 22"W
ALL10214	18"H x 27"W X 22"W (Angled)



[ALL10294](#)



[ALL10211](#)

Border Style Ribbon Window Nets

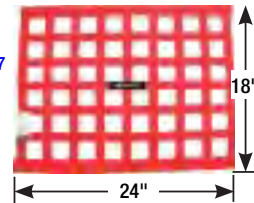
Durable polypropylene nets are available in a variety of sizes and offer additional safety to the driver. Webbing is double stitched with heavy nylon thread. Border style net has built-in sleeves in top and bottom of net to accept most round tube window net installation kits including ALL10217 and ALL10219. SFI certified nets meet SFI 27.1 specifications and are appropriately tagged.

Non-SFI

Part No.	Description
ALL10248	10"H x 18"W Black
ALL10249	14"H x 18"W Black

SFI Rated (27.1)

Part No.	Description
ALL10280	18"H x 18"W Black
ALL10285	18"H x 24"W Black
ALL10286	18"H x 24"W Blue
ALL10287	18"H x 24"W Red



[ALL10287](#)

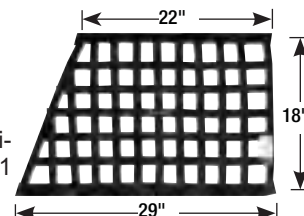
Window Net Protector [ALL10225](#)

A simple way to keep your window net tight against an interior panel. Slot is 21" long for use with 18" wide nets.



Angled Window Net [ALL10288](#)

Angled net with border-style mounting encloses more of the driver side window opening for additional protection. Net meets SFI 27.1 specification and is appropriately tagged. Net has built-in top and bottom sleeves to accept most round tube window net installation kits including ALL10217 and ALL10219.



Triangle Window Net [ALL10246](#)

Triangle net originally designed for Sprints and Midgets also works well on Dirt Late Models and Modifieds when wrap-around ends are needed. Net includes quick-release buckle and meets SFI 37.1 specs.





SAFETY/DRIVER EQUIPMENT

Border-Style Triangle Window Net [ALL10247](#)

Triangle window net has a border-style top for use with most round tube installation kits. Lower portion of net secures around a lower bar.



Molded Steering Wheel Pad [ALL52322](#)

Molded pad fits flat or dished 3-spoke steering wheels. Velcro straps are permanently secured to pad for quick installation.



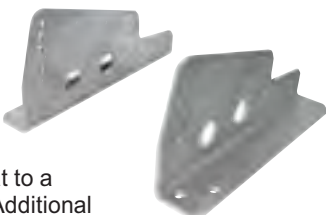
Steering Wheel Pad [ALL52320](#)

Black vinyl-covered pad fastens to most three-spoke racing steering wheels with three hook/loop straps. 5-3/4" diameter foam pad is 2" thick.



Bolt-In Lower Seat Mount Brackets [ALL98130](#)

Seat brackets are constructed of 3/16" aluminum and designed to fasten an aluminum racing seat to a reinforced stock style floor pan. Additional floor reinforcements recommended as required per sanctioning body rules.



Tear-Off Machine



Electric Tear-Off machine will quickly provide clear vision with the simple push of a button. Lightweight unit mounts to your shield and includes two 50-foot rolls of clear film (equal to 65 standard tear offs), sealed aluminum motor housing, quick disconnects, and velcro. Works with 12- and 16-volt systems. Choose Installation kit with steering wheel or dash-mount button, sold separately.

Part No.	Description
ALL13104	Electric Tear-Off Machine
ALL13106	Install Kit, Vehicle Harness & Steering Wheel Button
ALL13107	Install Kit, Vehicle Harness & Dash-Mount Button
ALL13108	Replacement Rolls of Film (2-Pack)
ALL13109	Replacement Vehicle Harness

Locking Tear-Off Post Kit [ALL13100](#)

Unique aluminum tear off posts have a second set-screw locking the posts to the shield so they don't continually come loose. No need to remove shield just to tighten the tear off post! Package of 2.



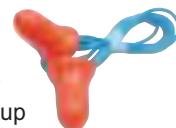
Safety Glasses [ALL10258](#)

Comfortable, lightweight, general purpose safety glasses have a clear wrap around lens for maximum visibility. ANSI-Z87.1 rated.



Reusable Corded Earplugs [ALL12000](#)

Corded earplugs fit instantly without rolling or squeezing. Made of a soft material that cleans up easily in warm, soapy water.



Helmet Hooks

Lightweight aluminum hook clamps on roll cage tubing and provides an anchor for attaching helmet strap.

Part No.	Description
ALL10228	1-1/2"
ALL10229	1-3/4"
ALL10445	Reducer Bushing 1-3/4" to 1-5/8"



Universal Helmet Hook [ALL10223](#)

Lightweight, steel universal helmet hook is 1/8" thick and has a radius mount for attaching to round tubing. Hook may be welded on or clamped to tube with a standard hose clamp.



Inside Air Blower Motor [ALL13000](#)

Inside air unit is commonly mounted inside the cockpit or decking to provide forced, filtered air to the driver for cooling and to help prevent shield fogging. Spun aluminum cover prevents damage to filter assembly. Motor has two speeds and is recommended for 12-volt systems.

Replacement Parts

Part No.	Description
ALL13014	Filter
ALL99022	Top



Outside Air Blower Motor [ALL13001](#)

Outside air unit is commonly mounted inside the driver compartment on vehicles with windows or closed compartment to provide forced, filtered air to the driver for cooling and to help prevent shield fogging. Intake top can be used with 1-1/4" helmet hose or trimmed to accept larger 3" hose, such as ALL42150, routed to the motor from outside of the car or fastened to a plastic duct, such as ALL42143, for fresh air. Motor has two speeds and is recommended for 12-volt systems.

Replacement Parts

Part No.	Description
ALL13014	Filter
ALL99023	Top



Helmet Fan [ALL13011](#)

Compact inline blower fan connects to 1-1/4" helmet hose and forces air inside driver's helmets equipped with an air inlet to help prevent shield fogging and provide air movement. Fan produces 20+ cfm of air flow when used on a 12V system, drawing only 1.3 amps. Two-wire pigtail easily connects to a switched 12V power source and a suitable chassis ground.





SAFETY/DRIVER EQUIPMENT

Helmet Vent Hose

Hose is 4' long and used to complete the connection between a driver air system and helmets equipped with a 1-1/4" barbed intake port. Two styles are available: ALL13004 is gray and constructed from a denser material to resist crushing and abrasions from rocks and debris; ALL13021 is black and constructed of a thinner, more pliable material which is less restrictive to the driver.



Part No.	Description
ALL13004	Gray
ALL13021	Black

Helmet Vent ALL13025

High-impact, screened ABS vent minimizes the chance of rocks and other debris from entering helmet hose. Vent has a 1/2" wide mounting flange and a centered outlet that accepts most 1-1/4" helmet hoses.



Helmet Blower System ALL13020

Remote mount breather system directs filtered, forced air to the driver's helmet for added comfort and safety. Motor assembly has a mounting bracket for easy mounting to chassis or seat back. 4' helmet hose connects to most helmet fresh air intakes with standard 1-1/4" connector. The 9' extension lead can be easily connected to a switched 12-16 volt source. This system weighs 2-1/4 lbs, and draws 3.5 amps at 13.6 volts, and produces about 90 CFM of air to the driver, providing more than enough air to keep the driver cool and shield clear.



Replacement Parts

Part No.	Description
ALL36202	Filter
ALL36203	Filter with Shield
ALL99021	Wire Harness

Mini Helmet Air System ALL13012

Self-contained 12-volt fan with reusable filter moves approximately 40-60 CFM of air depending on system voltage. An RF connector allows easy, unrestricted helmet removal. A 14" wire is permanently attached to the fan and accepts the 24" pigtail (included). Pigtail has simple red (+) and black (-) wire hook-ups.



Hose Adapter ALL13007

Adapter fits most helmet hoses with 1-1/4" ends and has a 2-3/4" O.D. to fit inside 3" duct-style hose or inside some NACA ducts. Adapter may also be mounted in a window opening to funnel air directly to the driver via helmet hose.



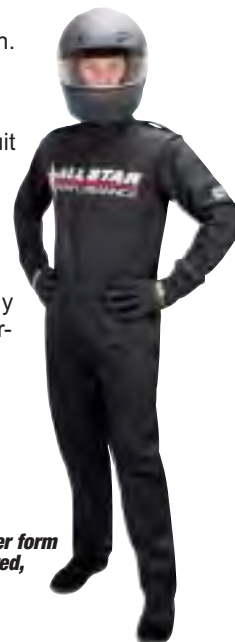
Helmet Dryer ALL13018

Dryer is a table-top unit that circulates air throughout the inside of a helmet removing moisture that commonly leads to dangerous mold and bacteria growth. Dryer base measures 11" x 13" and includes a removable clip to fasten a dryer sheet to help freshen the inside of the helmet. Unit connects to a 110V power source and features a cord-mounted on/off switch.



Allstar Race Suit

The Allstar Performance Nomex race suit has style, comfort, and is affordable! Suit is 1-piece double layer, box quilted, and SFI 3.2A/5 certified. Features include: side pockets, an adjustable belt, elastic wrist cuffs, hidden ankle cuffs, elastic back panel, adjustable neck strap, a sturdy waist-length zipper, and a black nylon storage bag.



Part No.	Description
ALL99850	Medium
ALL99851	Large
ALL99849	X-Large (Short)
ALL99852	X-Large
ALL99853	XX-Large
ALL99862*	Custom Size

* Completion of an Allstar custom racing suit order form is required. Custom racing suits are available in red, blue, or black.

Radio Boxes



ALL10441
ALL10443



ALL10440
ALL10442



ALL10439

Aluminum radio boxes have a removable padded insert to absorb vibration.

Small Box – 5" Tall x 3-3/4" Wide x 2-1/2" Deep

Part No.	Description
ALL10439	Flat Mount
ALL10441	1-3/4" Mount
ALL10443	1-1/2" Mount

Large Box – 7" Tall x 4" Wide x 2-1/2" Deep

Part No.	Description
ALL10440	1-3/4" Mount
ALL10442	1-1/2" Mount

Reducer Bushing 1-3/4" to 1-5/8" ALL10445

Reducer works with most clamp-on style brackets or accessories with 1/4" thick mounts, including Allstar radio boxes, drink bottle kits, helmet hooks, and universal brackets.





SAFETY/DRIVER EQUIPMENT

Drink Bottle Kit

Mount the drink bottle within driver's reach for a convenient spot to keep a drink. Great for circle track drivers during pit stops or yellow flags. Lightweight aluminum holder comes with replaceable insulated bottle.

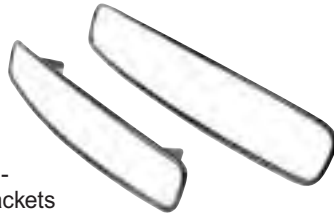
Part No.	Description
ALL10475	1-1/2"
ALL10480	1-3/4"
ALL10445	Reducer Bushing 1-3/4" to 1-5/8"
ALL10482	Replacement Bottle



Convex Mirrors

Convex mirrors have a curved face to view a wider area which is ideal for keeping an eye on the competition. Mirrors have built-in mounting tabs with 1/4"-20 threaded inserts for convenient mounting. Universal brackets ALL10452-10454 are commonly used when mounting mirrors to round tubing such as roll cages.

Part No.	Description
ALL76406	14" x 2-1/2"
ALL76407	17" x 3"



Panel Mirrors

Panel mirrors offer greater viewing capabilities than standard mirrors to help eliminate blind spots. Durable ABS construction makes these mirrors suitable for many types of motorsports. Mounting brackets and hardware included.

Part No.	Description
ALL76404	Four Panel, 27-3/4" Long
ALL76405	Five Panel, 34-3/4" Long



Side View Mirror

ALL76409

Aerodynamic 3" diameter mirror quickly and easily mounts to roll cage tubing and includes a 1-1/2" stainless clamp. High-strength ABS plastic housing with a scratch-resistant polycarbonate lens makes this mirror suitable for a variety of motorsports, but most commonly used on Asphalt Late Models. Adjustable mirror lens pivots in the housing for optimum driver visibility.

Part No.	Description
ALL76408	Non-Adjustable
ALL76409	Adjustable



Shifter Boot ALL54130

Fire resistant, black, thermal boot helps prevent fire from entering driver compartment. Boot is 7" tall with Velcro strap closure at top. Base is 6" x 7". Used by many top Cup, Xfinity, Truck, CRA, and Late Model teams.



STEERING

SB Chevy Power Steering Kits

Kits include all the major components of a power steering system: power steering pump fitted with a lightweight aluminum pulley, power steering tank, tank mounting bracket, and choice of head- or block-mounted pump bracket.

Part No.	Description
ALL48240	Head Mount Kit
ALL48242	Block Mount Kit

Notes: Additional pulley or bracket shimming may be required on some applications. Head-mount bracket may need to be modified to clear some water pumps.



Power Steering Pump with Pulley and Reservoir ALL48245

Steel Type II style power steering pump with 6" diameter pulley and integral fluid reservoir provides smooth, consistent steering. Pump is rated at 3 gallons per minute and produces up to 1300 PSI at a recommended pump RPM range of 1500-6500. Pump features a -6AN pressure fitting and a -6AN return fitting.

Replacement Parts

Part No.	Description
ALL48246	Cap
ALL48247	Tank and Clips
ALL48251	Pulley for ALL48245



Power Steering Pump with Pulley

Steel Type II style power steering pump with 6" diameter pulley provides smooth, consistent steering. Pump is rated at 3 gallons per minute and produces up to 1300 PSI at a recommended pump RPM range of 1500-6500. Pump features a -6AN pressure fitting and a -10AN return fitting.

Part No.	Description
ALL48250	Pump with Pulley
ALL48252*	Pump with Pulley for 1/2" Belt

Replacement Part

Part No.	Description
ALL48251	Pulley for ALL48250
ALL48253	Pulley for ALL48252
ALL99287	-10AN Return Fitting
ALL99288	-6AN Pressure Fitting

* Designed for use with 1/2" wide industrial grade belt used with ALL31094 and ALL31095 1:1 pulleys.



V-Belts

Premium quality V-belts are perfect replacements for worn or cracked belts.

Part No.	Description
ALL86120	31.5"
ALL86121	34"
ALL86122	39"
ALL86123	41"
ALL86124	42"
ALL86125	44"



SB Chevy Power Steering Pump Bracket Kits

Power steering bracket kit provides proper installation of the Type II style power steering pump to most SB Chevy applications with a short-style water pump. Bracket kit also includes bracket-to-engine and pump-to-bracket mounting hardware. Head mount locates the pump to the driver's side cylinder head and the block mount locates the pump to the lower driver's side of the block.

Part No.	Description
ALL48500	Head Mount Kit
ALL48502	Block Mount Kit

Notes: Additional pulley or bracket shimming may be required on some applications. Head mount bracket may need to be modified to clear some water pumps.

Replacement Parts

Part No.	Description
ALL48505	Bracket-to-Head Bolt Kit
ALL48506	Bracket-to-Block Bolt Kit
ALL48507	Pump-to-Bracket Bolt Kit
ALL48508	Adjuster T-Nut



Economy SB Chevy Power Steering Pump Bracket Kits

Power steering bracket kit provides proper installation of the Type II style power steering pump to most SB Chevy applications with a short-style water pump. Bracket kit also includes bracket-to-engine and pump-to-bracket mounting hardware. Head mount locates the pump to the driver's side cylinder head and the block mount locates the pump to the lower driver's side of the block.

Part No.	Description
ALL48501	Head Mount Kit
ALL48503	Block Mount Kit

Replacement Parts

Part No.	Description
ALL48505	Bracket-to-Head Bolt Kit
ALL48506	Bracket-to-Block Bolt Kit

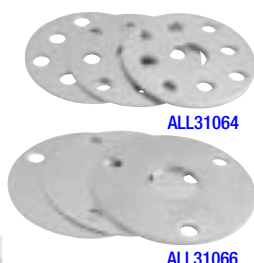
Notes: Additional pulley or bracket shimming may be required on some applications. Head mount bracket may need to be modified to clear some water pumps.



Pulley Shim Kits

Use shim kits to properly align pulleys. Water pump shims have dual bolt-hole patterns to fit most GM and Ford water pumps. Crank pulley spacers are for small block Chevys. Kits include three shims.

Part No.	Description
ALL31064	Water Pump Shims, 1/16", 1/16", 1/8"
ALL31066	Crankshaft Shims, 1/16", 5/64", 1/8"



Firewall Mount Power Steering Tanks

Aluminum tank measures 8" tall overall by 3" wide at the top and features welded-on mounting tabs with holes spaced 4-1/4" apart. Tank features an internal baffle between the -6AN return and the -10AN supply to help prevent cavitation and includes a twist-off filler cap.

Part No.	Description
ALL36136	LH Inlet
ALL36137	RH Inlet



Economy Power Steering Tank with Bracket ALL36130

Aluminum tank has no internal baffles and is 8" tall overall by 3" in diameter with a -6AN return fitting on the side and a -10AN fitting on the bottom. A mounting bracket for 1-3/4" round tubing is included.

Part No.	Description
ALL36126	Tank and Cap Only
ALL36124	Replacement Cap
ALL36122	Round Tube Mounting Bracket



Power Steering Tank with Bracket

Aluminum tank is 8-1/2" tall overall by 3-1/2" in diameter with a -6AN return fitting on the side and a -10AN fitting on the bottom. A baffle in the return fitting prevents foaming and cavitation. A steel bracket for mounting tank is included.

Part No.	Description
ALL36120	Tank with 1-3/4" Round Tubing Bracket
ALL36132	Tank with 2-1/4" x 3-1/2" Flat Mount Bracket
ALL36121	Tank and Cap Only
ALL36124	Replacement Cap Only
ALL36122	Round Tube Mounting Bracket
ALL36125	Flat Mounting Bracket



Power Steering Tank Brackets



Brackets secure 3" or 3-1/2" diameter power steering tanks to round tubing, or flat surfaces such as firewalls. Tanks fasten to brackets with hose clamps or band clamps (not included).

Part No.	Description
ALL36122	Horizontal Mount (1-3/4" Tubing)
ALL36123*	Horizontal Mount (Alum. Angle)
ALL36125	Flat Mount

***Bracket may be clamped to round tubing or bolted to the firewall.**



STEERING

Power Steering Hose Kits

Kits include hose and fittings to properly install a remote reservoir style power steering pump to most cars. Steering box fittings are sold separately.

Front Mount Kits

OE-style location with pump mounted to front of engine.

Part No.	Description
ALL48204	Kit for Stock Type Gear Box (Modified, Street Stock)
ALL48200	Kit for Rack and Pinion Steering

Rear Mount Kits

Pump Mounted to Bell Housing Mounted Dry Sump Pumps, Fuel Pumps, etc.

Part No.	Description
ALL48201	Kit for Rack and Pinion
ALL48205	Kit for Steering Box

Power Steering Hose

The same quality hose included in Allstar's power steering hose kits available in a variety of lengths for building custom power steering lines or making repairs. Hose is suitable for most steering applications.

-6AN Power Steering Hose

Part No.	Description
ALL48270-3	3' Long
ALL48270-6	6' Long
ALL48270-10	10' Long
ALL48270-15	15' Long
ALL48270-20	20' Long

-10AN Stainless Hose

Part No.	Description
ALL48275-3	3' Long
ALL48275-6	6' Long

Power Steering Hose Ends

The same quality hose ends included in Allstar's power steering hose kits for building custom power steering lines or making repairs. Fittings are suitable for most steering applications.

-6AN Hose Ends (Steel)

Part No.	Description
ALL48271	Straight
ALL48272	45°
ALL48273	90°

-10AN Hose Ends (Aluminum)

Part No.	Description
ALL48276	Straight
ALL48277	45°
ALL48278	90°
ALL48279	120°

In-Line Oil Cooler

Cool transmission or power steering fluid by 30°F. Easily mounts with two 1/4" bolts or tie-wraps. Suitable for most classes of circle track cars and even the tow vehicle. Includes -6AN fittings. Cooler is 14-1/2" long and 1-3/4" in diameter.

Part No.	Description
ALL52100	Clear
ALL52102	Black



Power Steering Box Fittings

Allstar fittings convert most power steering boxes and racks to -6AN fitting.



O-Ring Style Fittings

Part No.	Description
ALL48210*	-6AN Male to 16mm Fitting with O-Ring
ALL48211	-6AN Male to 14mm Fitting with O-Ring
ALL48212*	-6AN Male to 18mm Fitting with O-Ring
ALL48214	-6AN Male to 9/16"-18 Fitting with O-Ring

Non O-Ring Style Fittings

Part No.	Description
ALL48215	-6AN Male to 5/8"-18 Fitting
ALL48217	-6AN Male to 11/16"-18 Fitting

*These are the two most common fittings when O-rings are needed.

Loading Couplers

Loading coupler is a combination U-joint and a non-locking steering coupler that slips over the splined end of the steering shaft for easier loading and unloading of cars in enclosed trailers through the use of a remote steering shaft. Coupler has a built-in U-joint that accepts 3/4" tubing.

Part No.	Description
ALL52306	19-Spline for Allstar/Sweet
ALL52307	20-Spline for Woodward

Related Parts

Part No.	Description
ALL52305	19-Spline End for Allstar/Sweet Disconnect



Steering Wheel Disconnects

Disconnects allow easy installation and removal of three-bolt style steering wheels, often used to ease the entering and exit of vehicles. Quick-release aluminum steering wheel hub mates to a steel coupler, which is welded to a standard 3/4" steering shaft.

Part No.	Description
ALL52302	Hex Style (Pin Type)
ALL52300	Spline Style (360° Flange)
ALL52304	SFI Spline Style (360° Flange)

Replacement Parts

ATTENTION: Do not mix components with other manufacturer's disconnects!

Part No.	Description
ALL52303	Hex Coupler for ALL52302
ALL52301	Spline Coupler for ALL52300
ALL52305	Spline Coupler for ALL52304 (2" of Spline Area)



Steering Wheel Extensions

Aluminum steering wheel extensions fit between steering wheel and quick disconnect so the distance between driver and steering wheel can be adjusted. Includes fasteners.

Part No.	Description
ALL52310	1/2"
ALL52312	1"
ALL52314	1-1/2"
ALL52316	2"





STEERING

Angled Steering Wheel Adapter ALL52325

Change the angle of your steering wheel! Unique adapter mounts between your steering wheel and disconnect, allowing you to change the angle for driver comfort. Dual mounting holes allow for specific steering wheel spoke location. Adapter is 1" thick at the widest area and includes fasteners.

- Designed for use in quick steering race cars (late models, modifieds, road race). Not recommended for use with stock ratio steering box, slow steering applications.
- Clearance Double Check:** After installation be sure you have sufficient driver and seat belt clearance, as the steering wheel will no longer spin in a single plane (it moves in and out, when spun completely around).



Molded Steering Wheel Pad ALL52322

Molded pad fits flat or dished 3-spoke steering wheels. Velcro straps are permanently secured to pad for quick installation.



Steering Wheel Pad ALL52320

Black vinyl covered pad fastens to most three spoke racing steering wheels with three hook/loop straps. 5-3/4" diameter foam pad is 2" thick.



Steering Shaft Tubing

Seamless D.O.M. tubing is 3/4" O.D. with .120" wall thickness, making this an excellent choice when building a steering assembly to connect steering wheel to steering box or rack and pinion. ALL52132 oversized rod end is commonly used to support steering shaft. Consult sanctioning rules to verify proper installation when building a steering assembly.



Part No.	Description
ALL22190	5' Steering Shaft
ALL22191	6' Steering Shaft

"Double D" Steering Shafts

Solid steel shaft has the appearance of two D's stacked back to back when viewed from the end or simply a 3/4" round shaft with flats on opposite sides. Often used with stock type couplers, this shaft can be used in assemblies without welding. Commonly connected to U-joints using a set screw, the shaft should be dimple drilled to help pilot set screws and help prevent the assembly from sliding apart. ALL52132 oversized rod end is commonly used to support steering shaft. Consult sanctioning rules to verify proper installation when building a steering assembly.

Part No.	Description
ALL52175	24" Shaft
ALL52176	30" Shaft
ALL52177	36" Shaft
ALL52178	60" Shaft
ALL52179	72" Shaft



Shaft Collars

Aluminum, 2-piece shaft collars are used on sway bars and steering column assemblies.

Part No.	Description
ALL52140	3/4" I.D.
ALL52142	7/8" I.D.
ALL52144	1" I.D.
ALL52145	1-1/16" I.D.
ALL52146	1-1/8" I.D.
ALL52148	1-1/4" I.D.



Flange Bearing ALL52130

Self-aligning flange bearing has a .757" I.D. and installs in the firewall to accept the steering shaft. Includes locking collar. Bearing allows shaft to angle up to 40°.



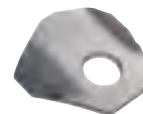
Oversize Rod End Kit ALL52132

Mounts to steering column bracket to hold steering shaft in place. Kit includes one rod end and two steel 3/4" RH jam nuts. Rod end is .757" I.D. (.007" oversized) to slide over a 3/4" O.D. shaft.



Steering Shaft Rod End Mounting Tab ALL52133

Gusseted weld-on tab provides an excellent mounting point for the 3/4" oversized rod end (ALL52132) when building custom steering shaft assemblies. Tab is designed to cradle into round chassis tubing with built-in gussets, adding strength and reducing flex.



Collapsible Steering Shafts

Collapsible shaft is designed to be used in-line near the rack and pinion or steering box, allowing steering shaft compression. For proper installation, shaft should be extended when installed. The heavy wall, 1.140" diameter tubular steel shaft has 3/4"-20 splines on both ends. The durable rubber boot keeps the sliding mechanism free of dirt and debris.

Note: This shaft is NOT designed for directly attaching a steering wheel disconnect.

Part No.	Description
ALL52170	Long Assembly 24-1/2", Collapses 7"
ALL52171	Short Assembly 13-1/2", Collapses 3"
ALL52172	Replacement Rubber Boot

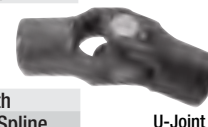
Related Parts Coupler

Part No.	Description
SWE301-30160	3/4"-20 x 3/4" Smooth



U-Joints

Part No.	Description
SWE401-50621	3/4"-20 x 3/4" Smooth
SWE401-51021	3/4"-20 x 3/4"-48 Sweet Spline
SWE401-51121	3/4"-20 x 13/16"-36 Chevy Power
SWE401-51221	3/4"-20 x 3/4"-36 Chevy Manual
SWE401-51521	3/4"-20 x 3/4"-30 New-Chevy Power



Steering Column Brackets

Stamped-steel brackets weld to dash bars to create a mounting point for steering shaft when using a 3/4" oversized rod end. Brackets are 3-1/8" wide and available in a variety of lengths to fit most applications. 4" and longer brackets are pre-notched for 1-1/2" dash bars but are easily modified to fit other size bars.

Part No.	Description
ALL52120	2-1/2" Long
ALL52122	4" Long
ALL52124	8" Long
ALL52126	10" Long





STEERING

Clamp-On Steering Column Bracket [ALL52128](#)

Aluminum bracket clamps to 1-3/4" tubing and is 7-1/2" center-to-center. Mounting bolts face the seat, so the driver can easily adjust the column up and down while sitting in the seat. An oversize rod end (sold separately, ALL52132) mounts horizontally through a 3/4" hole, allowing some left-to-right adjustment without moving the bracket or notching the interior panel.



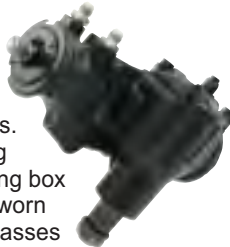
Steering Quickener Bracket [ALL60028](#)

Mounts all popular steering quickeners including AFCO, Coleman, and Howe. Bracket has two holes spaced 1-3/4" apart, and may be welded to 1-1/2" or 1-3/4" diameter tubing.



Power Steering Box [ALL56352](#)

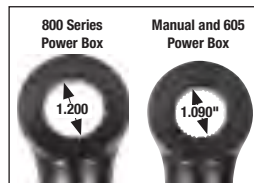
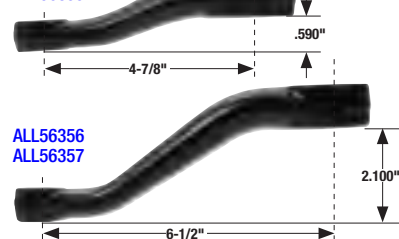
Popular GM 800 series style box is used on most 1964-88 GM passenger cars. Remanufactured by one of the top steering gear companies in the industry, this steering box is an excellent replacement for leaking or worn power steering boxes and used in many classes of racing including Sportsman, Modifieds, Street Stocks, and also suitable for daily driven vehicles. Boxes have a 16:1 ratio, a .185" valve for smooth, easy operation, -6AN adapter fittings and a 3/4"-30 splined input shaft. Each unit is quality tested and ready to be installed. Commonly used with ALL56354 pitman arm and SWE401-50615 U-joint (3/4"-30 x 3/4" Smooth).



Pitman Arms

Replacement GM pitman arms.

[ALL56354](#)
[ALL56355](#)



A-Body (Chevelle)

Part No.	Description
ALL56354	'68-72, Use w/800 Series Power Box
ALL56355	'68-72, Use w/Manual and 605 Small Power Box

G-Body Intermediate Metric (Monte Carlo)

ALL56357	'78-88, Use w/800 Series Power Box
ALL56356	'78-88, Use w/Manual and 605 Small Power Box

Pitman Arm Nut and Lock Washer, 7/8"-14 Thread [ALL56358](#)



Idler Arms

OE replacement parts.

Part No.	Moog Equivalent	Description
ALL56344	K5143	'68-72 Chevelle, '70-72 Monte Carlo
ALL56345	K6187	1978-88 Monte Carlo
ALL56346	K6164	1977-85 Full-Size Metric
ALL56347	K6186	1970-81 Camaro, 1975-79 Nova



GM Metric Adjustable Idler Arm [ALL56341](#)

Adjustable arm for 1978-88 GM Metric G-body cars features a threaded assembly which aids in correcting bump steer problems by lowering the arm up to 3/4" compared to OE-style arm. Arm is constructed of forged steel components so there are no plastic parts or springs to wear out like OEM-style arms. Not legal in all sanctioning bodies.



Centerlinks

Centerlinks are brand new and fit GM applications. Mounting hardware included.



Allstar	Moog	Description	Year
ALL56310	DS749	Buick Special, Skylark, Grand Sport Chevrolet Chevelle, El Camino, Monte Carlo Oldsmobile Cutlass, Hurst, 442 Buick Century, Regal	'68-72
ALL56311	DS808	Chevrolet Chevelle, El Camino, Monte Carlo Oldsmobile Cutlass, Hurst, 442	'73-77
ALL56312	DS909	Buick Century, Regal, GN, GNX Chevrolet Malibu, El Camino, Monte Carlo Pontiac Bonneville Pontiac Grand Prix	'78-81 '78-88 '82-86 '78-87
ALL56313	DS899	Cadillac Fleetwood, Brougham, Deville Chevrolet Caprice, Impala, Impala SS Oldsmobile Delta 88 Pontiac Bonneville, Catalina Pontiac Parisienne	'77-84 '77-96 '77-85 '77-81 '83-86
ALL56314	DS829	Chevrolet Camaro (1970-73 with Power Steering, All 1974-79, 1980-81 V8) Pontiac Firebird and Trans Am (V8)	'70-81 '80-81

Adjustable Centerlinks

Centerlinks add strength and adjustability. Correct bump steer with specially designed inserts (available separately or in kits). Insert kits include one each of four different offsets. Lower center design adds engine oil pan clearance. OEM frame cross-member must be modified.



Part No.	Description
ALL56330	Centerlink, Metric GM '78-88
ALL56331	Centerlink, Camaro '70-81

Note: Some applications may require early style (shorter) Pitman arms.

Replacement Parts

Part No.	Description
ALL99084	Stud for ALL56330 Pitman End (Long)
ALL99085	Stud for ALL56330 Idler End (Short)
ALL99086	Stud for ALL56331 Pitman End (Long)
ALL99087	Stud for ALL56331 Idler End (Short)
ALL99088	Centerlink Shims, 12-Pack (6 each .030"/.060")

Inserts for Adjustable Centerlinks

Adjustable centerlink inserts have tapered or straight-through designs. Tapered inserts have a 1-1/2" per foot taper and are commonly used with stock-type inner tie rods, while straight-through design are for use with a 5/8" bolt and rod end.



Description	Tapered Inserts	Straight-Through Inserts
Insert Kit (Centered, 1/8", 1/4" and 3/8")	ALL56334	ALL57334
Centered	ALL56335	ALL57335
1/8" Offset	ALL56336	ALL57336
1/4" Offset	ALL56337	ALL57337
3/8" Offset	ALL56338	ALL57338



STEERING

Tie Rod Ends

OE replacement parts.



ALL55904

Allstar	Moog	Description	Size (Thread and Length)	Application
ALL55900	ES323R	Inner Tie Rod	5/8"-18 RH Thread x 4" Long	1963-82 Corvette, 1963-64 GMC Truck
ALL55901	ES323L	Inner Tie Rod	5/8"-18 LH Thread x 4" Long	1963-82 Corvette, 1963-64 GMC Truck
ALL55902	ES370R	Inner Tie Rod	5/8"-18 RH Thread x 7-1/4" Long	1965-68 Impala, 1965-70 Chevrolet P/U
ALL55903	ES2034RLT	Inner Tie Rod	5/8"-18 LH Thread x 8-1/2" Long	1978-88 Monte Carlo (G-Body)
ALL55920	ES2033RLT	Outer Tie Rod	5/8"-18 RH Thread x 8-1/2" Long	1978-88 Monte Carlo (G-Body)
ALL55921	ES333RL	Outer Tie Rod	5/8"-18 RH Thread x 8-1/2" Long	1964-70 Chevelle
ALL55904	ES681N	Inner Tie Rod	5/8"-18 LH Thread x 9" Long	1968-70 Chevelle/Malibu
ALL55910	ES2020RLT	Inner Tie Rod	11/16"-18 LH Thread x 9" Long	1973-77 Chevelle, 1977-96 Impala
ALL55911	ES442L	Inner Tie Rod	11/16"-18 LH Thread x 9" Long	1975-81 Camaro, Left
ALL55912	ES443L	Inner Tie Rod	11/16"-18 LH Thread x 9" Long	1975-81 Camaro, Right
ALL55922	ES2019RLT	Outer Tie Rod	11/16"-18 RH Thread x 9" Long	1977-96 Impala

Steel Tie Rod Tubes

Steel tubes are built from 7/8" O.D., .083"

wall D.O.M tubing and swaged

to accept 5/8" rod ends

or OE-style tie rod ends

with 5/8-18 threads. Tubes are threaded LH on one end and RH on the other end for easy adjustments.

Part No.	Description	Part No.	Description
ALL57160	8"	ALL57172	14"
ALL57161	8-1/2"	ALL57173	14-1/2"
ALL57162	9"	ALL57174	15"
ALL57164	10"	ALL57175	15-1/2"
ALL57166	11"	ALL57176	16"
ALL57167	11-1/2"	ALL57178	17"
ALL57168	12"	ALL57180	18"
ALL57169	12-1/2"	ALL57182	19"
ALL57170	13"	ALL57184	20"
ALL57171	13-1/2"		

Steel Tie Rod Tubes, with 5/8" RH and 11/16" LH

Swaged D.O.M. steel tube has a 1" O.D. and is commonly used with an OE-style 11/16"-18 LH inner tie rod end and a 5/8" RH rod end.

Part No.	Description
ALL57302	9"
ALL57304	10"
ALL57306	11"
ALL57308	12"
ALL57310	13"
ALL57312	14"
ALL57314	15"
ALL57316	16"



Tie Rod Adjusting Sleeves

OE-style replacement sleeves fit many applications and have LH and RH threads for easily adjusting the toe setting.

Allstar	Moog	Size (Thread and Length)
ALL55930	ES2032S	5/8"-18 x 4-1/2" Long
ALL55931	ES2004S	11/16"-18 x 4-3/4" Long



5/8" Bent Steel Tie Rod Tubes

Bent tie rod tube or adjusting sleeve is commonly used on Modifieds and

Stock Cars to provide additional clearance on the right front tie rod link. Bent design tube helps prevent the chassis from hitting steering components when the suspension rolls over onto the right front. Typically used with factory-style inner tie rod end and a rod end style outer. Tube is constructed of .160" wall 7/8" O.D. steel tubing with 5/8"-18LH threads on the straight end and 5/8"-18RH threads on the curved end.

Part No.	Description	Part No.	Description
ALL57008	10" Long	ALL57017	14-1/2" Long
ALL57010	11" Long	ALL57018	15" Long
ALL57012	12" Long	ALL57019	15-1/2" Long
ALL57013	12-1/2" Long	ALL57020	16" Long
ALL57014	13" Long	ALL57021	16-1/2" Long
ALL57015	13-1/2" Long	ALL57022	17" Long
ALL57168	12"	ALL57024	18" Long
ALL57169	12-1/2"	ALL57026	19" Long
ALL57016	14" Long	ALL57028	20" Long

Dropped Steel Tie Rod Tubes

Dropped steel tie rod tubes are popular on Modifieds and Street Stocks providing additional clearance on the right front tie rod assembly. Tube is .156" wall, 7/8" O.D., with 5/8"-18RH threads located on the inside/center link end and 5/8"-18LH threads on the outer/spindle end.

Part No.	Description
ALL57040-10	10" Tube
ALL57040-11	11" Tube
ALL57040-15	15" Tube
ALL57040-16	16" Tube



Inner Tie Rod Stud ALL56278

Stud replaces the stock inner tie rod end, allowing a 5/8" rod end to be used on both ends of the steering link. Inner tie rod stud and rod end combination also provides additional steering clearance compared to OE-style inner tie rod and crossmember.



Bump Steer Studs

Studs have 1-1/2" per foot taper and simplify bump steer setting. Attach outer tie rod end to spindle so end can be raised or lowered as needed. Self-locking nuts, one .100" spacer and three .300" spacers included. ALL56286 also includes a .500" spacer.

Part No.	Description
ALL56280	Bump Steer Kit (Inner), Rack Eye Taper
ALL56284	Bump Steer Kit (Outer), Pinto Taper
ALL56286	Bump Steer Kit 1" Longer Shank Than ALL56284



ALL56280

Bump Steer Kit ALL18600

Kit includes a 5/8"-18 x 3" bolt and 4 spacers (.100", .200", .300" and .500").





STEERING

Bump Steer Spacer Kit [ALL18601](#)

Steel spacers have a 5/8" I.D. and are commonly used to space a steering rod end when correcting bump steer. Kit includes 7 spacers, one of each size: .030", .060", .100", .200", .300", .400", and .500".

Individual Spacers (2-Pack)

Part No.	Description
ALL18602	.030"
ALL18603	.060"
ALL18604	.100"
ALL18605	.200"
ALL18606	.300"
ALL18607	.400"
ALL18608	.500"



Tie Rod Spacer [ALL56288](#)

Spacer corrects bump steer on vehicles that use a rod end as an outer tie rod end. Spacer is used between the spindle arm and the rod end. Steel spacer is 2" tall and has a 5/8" hole.



Rack and Pinion Spacers

Place aluminum spacers between chassis and rack assembly to help achieve proper front end geometry. Three thicknesses available.

Part No.	Description
ALL52350	3/8" Thick
ALL52351	1/2" Thick
ALL52352	3/4" Thick



Steering Rack Boot Cover [ALL52345](#)

Neoprene cover fits most steering racks and helps protect against rocks and debris. Hook-and-loop closure makes installation and removal simple.



Mustang II Spindles

Mustang II/Pinto spindles are direct replacements for stock OE spindles featuring the stock 10° pin inclination and upper and lower ball joint tapers. Spindles accept Granada or Hybrid-style rotors with corresponding caliper brackets, calipers, and brake pads. IMCA-approved spindles feature the official IMCA stamp of approval cast into the spindle.

Stock Height Spindles

Part No.	Description
ALL56307	Spindles, Pair
ALL56308	Spindle LH
ALL56309	Spindle RH
ALL56303	Spindle LH IMCA Approved
ALL56304	Spindle RH IMCA Approved



2" Dropped Spindles

Part No.	Description
ALL56305	Spindles, Pair

Related Components

Part No.	Description
ALL42110	LH Caliper Bracket for Granada Rotor
ALL42111	RH Caliper Bracket for Granada Rotor
ALL42118	LH Caliper Bracket for Hybrid Rotor
ALL42119	RH Caliper Bracket for Hybrid Rotor
ALL42084	LH GM Metric Caliper
ALL42083	RH GM Metric Caliper
ALL72308	Granada Master Bearing and Seal Kit
ALL72309	Hybrid Master Bearing and Seal Kit

Mustang II Spindles with Reamed Lower Ball Joint Hole

Mustang II/Pinto spindles are stock appearing and available with 10° (OE) or 8° pin inclination and 1-1/2" or 2" per foot lower ball joint taper. Spindles accept Granada or Hybrid-style rotors with corresponding caliper brackets, calipers, and brake pads.



10° (OE) Pin Inclination

Part No.	Description	Lower B/J Taper	Lower B/J Major Dia.	Common Lower B/J	B/J Type
ALL55996	LH	1-1/2"	.830"	ALL56216 (K727)	Screw-In
ALL55997	RH	1-1/2"	.830"	ALL56216 (K727)	Screw-In
ALL55998	LH	2"	.830"	ALL56212 (K6117)	Press-In
ALL55999	RH	2"	.830"	ALL56212 (K6117)	Press-In

8° Pin Inclination

Part No.	Description	Lower B/J Taper	Lower B/J Major Dia.	Common Lower B/J	B/J Type
ALL55990	LH	1-1/2"	.710"	—	—
ALL55991	RH	1-1/2"	.710"	—	—
ALL55994	LH	1-1/2"	.830"	ALL56216 (K727)	Screw-In
ALL55995	RH	1-1/2"	.830"	ALL56216 (K727)	Screw-In
ALL55992	LH	2"	.830"	ALL56212 (K6117)	Press-In
ALL55993	RH	2"	.830"	ALL56212 (K6117)	Press-In

Related Components

Part No.	Description
ALL42110	LH Caliper Bracket for Granada Rotor
ALL42111	RH Caliper Bracket for Granada Rotor
ALL42118	LH Caliper Bracket for Hybrid Rotor
ALL42119	RH Caliper Bracket for Hybrid Rotor
ALL42084	LH GM Metric Caliper
ALL42083	RH GM Metric Caliper
ALL72308	Granada Master Bearing and Seal Kit
ALL72309	Hybrid Master Bearing and Seal Kit

Mustang II 3-Piece Spindles

Modular design 3-piece Mustang II style spindle features a separate spindle body with bolt-on caliper bracket and steering arm for easy and affordable repairs. Spindle uses a GM metric brake rotor, bearings, and brake caliper while combining the features of a typical Mustang II spindle including an 8° pin inclination and a short steering arm with a straight hole for using a 5/8" rod end. Spindle accepts popular ALL56204 (K6024) bolt-in or ALL56214 (K772) screw-in style upper ball joint and a stock 1979-88 G-body lower ball joint. IMCA approved for IMCA modifieds and sport mod divisions.



Part No.	Description
ALL55970	LH, 3-Piece Spindle Kit
ALL55971	RH, 3-Piece Spindle Kit

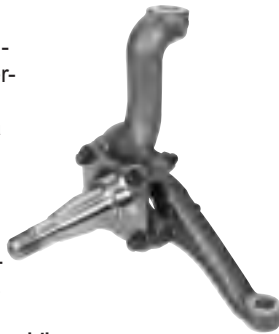
Individual Parts

Part No.	Description
ALL55974	Spindle Body
ALL55972	LH Steering Arm
ALL55973	RH Steering Arm
ALL55981	LH Brake Bracket
ALL55982	RH Brake Bracket
ALL55983	Hardware Kit



AMC Pacer Spindles

The Pacer spindle is a modular design which allows the spindle to interchange from left to right by flipping the steering arm. Spindle features a 7° pin inclination and 1-1/2" per foot upper ball joint taper. Spindle also uses the same spindle pin as the Mustang II/Pinto which accepts the Granada or Hybrid-style rotors. Caliper bracket for GM Metric caliper is sold separately.



Part No.	Description
ALL55960	Spindle with 1-1/2" (.750" Maj. Dia.) Lower B/J Taper
ALL55961	Spindle with 2" (.830" Maj. Dia.) Lower B/J Taper

Related Components

Part No.	Description
ALL55962	Caliper Bracket Kit (1 side)
ALL42084	LH GM Metric Caliper
ALL42083	RH GM Metric Caliper
ALL72308	Granada Master Bearing and Seal Kit
ALL72309	Hybrid Master Bearing and Seal Kit

Master Wheel Bearing and Seal Kits

Kits contain all components to install one brake rotor/hub assembly including hub seal, inner bearing, outer bearing, locknut kit, and dust cap.



Part No.	Description
ALL72305†	GM Intermediate Metric, 1979-81
ALL72306‡	GM Intermediate Metric, 1982-88
ALL72308	Ford Granada, Mustang II
ALL72309	Hybrid

†Bearing for Race or Cup with a 1.97" O.D.

‡Bearing for Race or Cup with a 1.97" O.D.

Metric Spindles

New replacement spindles for 1979-88 GM cars. Sold each.

Part No.	Description
ALL56318	LH
ALL56319	RH



Brake Rotors 1979-81

Outer bearing race has a 1.97" O.D.

Part No.	Description
ALL42085	Rotor with 12mm-1.50 Studs, 5 On 4-3/4" B.C.
ALL42086	Rotor with 5/8"-11 Wheel Studs, 5 On 5" B.C.

Brake Rotors 1982-88

Outer bearing race has a 1.78" O.D.

Part No.	Description
ALL42087	Rotor with 12mm-1.50 Studs, 5 On 4-3/4" B.C.
ALL42088	Rotor with 5/8"-11 Wheel Studs, 5 On 5" B.C.

Related Components

Part No.	Description
ALL42084	LH GM Metric Caliper
ALL42083	RH GM Metric Caliper
ALL72305†	Bearing and Seal Kit, 1979-81
ALL72306‡	Bearing and Seal Kit, 1982-88

†Bearing for Race or Cup with a 1.97" O.D.

‡Bearing for Race or Cup with a 1.97" O.D.

Metric Spindle Savers ALL42130

Stamped steel spindle savers strengthen GM Metric spindles, reinforcing the steering arm portion of the spindle and making them suitable for wheel-to-wheel racing. IMCA legal and easily installed, spindle savers are retained by the lower ball joint and tie rod end retaining nuts. Sold in pairs.

Replacement Parts

Part No.	Description
ALL42135	Left Only
ALL42136	Right Only



GM Metric 3-Piece Spindles

Three-piece GM metric G-Body spindle is a forged and heat-treated direct replacement for a factory spindle with the added benefit of a stronger, replaceable steering arm and brake caliper bracket. Complete spindle includes a spindle body, bolt-on steering arm, bolt-on brake bracket, and a hardware kit. Spindle accepts stock 1979-88



G-body upper and lower ball joints, tie rod end, rotor, caliper, and bearing kit. IMCA approved. Replacement components are also available for quick, easy, and affordable repairs.

Part No.	Description
ALL55976	LH, 3-Piece Spindle Kit
ALL55977	RH, 3-Piece Spindle Kit

Individual Parts

Part No.	Description
ALL55980	Spindle Body
ALL55978	LH Steering Arm
ALL55979	RH Steering Arm
ALL55981	LH Brake Bracket
ALL55982	RH Brake Bracket
ALL55983	Hardware Kit



Impala Spindles

Direct replacement OE spindle for the 1977-96 Impala features a 12° pin inclination, 2" per foot upper and lower ball joint tapers, and accepts the large GM brake calipers.

Part No.	Description
ALL55988	LH
ALL55989	RH



Related Components

Part No.	Description
ALL42081	Brake Caliper Big GM RH
ALL42082	Brake Caliper Big GM LH



NICK STREMMER



SUSPENSION

Screw-In Upper Ball Joint

ALL56214 (K772)

Most popular upper joint used. Originally used in Dodge, Chrysler, and Plymouth cars. Fits Allstar ball joint holders and Lefthander chassis style upper control arm or where a screw-in type ball joint is required. Replaces AFco 20034. 1-1/2" taper per foot.

Bolt-In Upper Ball Joints

ALL56204 (K6024)

Fits UB Machine style upper control arm where a bolt-in style ball joint is required. Replaces AFco 20031. Outer mounting bolt holes are 2.82" CTC. 1-1/2" taper per foot.

ALL56208 (K6136)

Bolt-in type joint fits Impala spindle. Can be used to raise roll center on Street Stock and modified cars. Fits Impala, Camaro, and Chevelle spindles. Replaces AFco 20032-1. Outer mounting bolt holes are 2.82" CTC. 2" taper per foot.

ALL56220 (K5208)

Fits full-size 1971-94 Impala spindles. Also fits 1971-81 Camaro and 1973-88 Chevelle/Monte Carlo. Replaces AFco 20032. Outer mounting bolt holes are 2-1/2" CTC. 2" taper per foot.

Low-Friction Upper Ball Joints

Low friction, economical OEM ball joints are high-performance units designed for smooth suspension travel. Some ball joints are available with longer than stock pin length for correcting roll centers. Ball joints have hardened pins with stock type housings and are not rebuildable. Legal for classes that require non-take apart ball joints. For off-road use only.

Part No.	Type	Length	Taper Per Ft.
Replaces ALL56214 (K772)			
ALL56010	Screw-In	Standard	1-1/2"
ALL56011	Screw-In	1/2" Longer	1-1/2"
ALL56012	Screw-In	1" Longer	1-1/2"
Replaces ALL56204 (K6024)			
ALL56014	Bolt-In	Standard	1-1/2"
Replaces ALL56208 (K6136)			
ALL56015	Bolt-In	3/8" Longer	1-1/2"
Replaces ALL56220 (K5208)			
ALL56018	Bolt-In	Standard	2"
ALL56019	Bolt-In	1/2" Longer	2"
ALL56020	Bolt-In	1" Longer	2"



CAYDEN LAPCEVICH

STAN KALWASINSKI

Adjustable Upper Ball Joints

With mono-ball joints, upper control arm angles can be adjusted. Joints include plate, ball, tapered shaft, adjuster bushings and nut.

ALL56267



ALL56260

Part No.	Description
ALL56260	LH Large GM Joint (ALL56204 Style)
ALL56261	RH Large GM Joint (ALL56204 Style)
ALL56264	LH Mid-Size GM Joint (ALL56220 Style)
ALL56265	RH Mid-Size GM Joint (ALL56220 Style)
ALL56267	Adjustable Screw-In Upper Ball Joint (ALL56214 Style)

Replacement Parts

Part No.	Description
ALL56262	Stud for ALL56260, ALL56261 and ALL56267
ALL56266	Stud for ALL56264 and ALL56265
ALL99098	Replacement Mono Ball Bearing 5/8"

Ball Joint Sleeves

Steel sleeves allow custom fabrication of control arms.

ALL56250



Part No.	Description
ALL56250	Small Screw-In ALL56214/ALL56217 (K772/K719)
ALL56251	Large Screw-In ALL56216 (K727)
ALL56252	Large Press-In ALL56206 (K6141)
ALL56253	Med. Press-In ALL56212 (K6117)

Screw-In Lower Ball Joints

ALL56216

Fits Lefthander chassis style lower control arm or where a large screw-in type ball joint is required. (Replaces AFco 20036). 1-1/2" taper per foot.

ALL56217 (K719)

Compatible with stock lower control arms modified with ALL56250 weld-in threaded sleeve. 1-1/2" taper per foot.



Press-In Lower Ball Joints

ALL56206 (K6141)

Ball joint fits most tubular lower circle track control arms and 1971-76 Impala. Taper fits most fabricated and Impala spindles. Base O.D. is 2.190". Replaces AFco 20038. 2" taper per foot.

ALL56210

Popular ball joint fits 1964-72 Chevelle and 1967-69 Camaro. Base O.D. is 2.015". Replaces AFco 20033. 1-1/2" taper per foot.

ALL56212

Ball joint fits Impala spindle. Can be used to raise the roll center on Street Stock or Modified cars. Base O.D. is 1.975". Replaces AFco 20038-1. 2" taper per foot.

ALL56218 (K6145)

Ball joint fits popular full-size 1977-89 Impala spindles. Also fits 1971-81 Camaro and 1973-88 Chevelle/Malibu. Base O.D. is 2.090". Replaces AFco 20039. 2" taper per foot.





SUSPENSION

Ball Joint Adapter Sleeve ALL56256

Adapter sleeve is ideal for modifying stock style Chevelle lower control arms to accept a screw-in style ball joint. Adapter sleeve has an O.D. of 2.010" to take the place of a press-in style ball joint (ALL56210), allowing for installation of a screw-in style ALL56214 with a 1.5" taper/ft. pin or ALL56049 with a 2" taper/ft. pin ball joint.

Note: Modifications to control arms may be necessary for proper fit of sleeve. Sleeve must be welded to the control arm after installation.



Low-Friction Lower Ball Joints

Low-friction economical OEM ball joints are high-performance units designed for smooth suspension travel. Some ball joints are available with longer than stock pin length for correcting roll centers. Ball joints have hardened pins with stock type housings and are not rebuildable. Legal for classes that require non-take apart ball joints. For off-road use only.

Part No.	Type	Length	Taper Per Ft.
Replaces ALL56216			
ALL56030	Screw-In	Standard	1-1/2"
ALL56031	Screw-In	1/2" Longer	1-1/2"
ALL56216 Housing with ALL56206 Pin			
ALL56034	Screw-In	Standard	2"
ALL56035	Screw-In	1/2" Longer	2"
ALL56214 Housing with ALL56206 Pin			
ALL56049†	Screw-In	Standard	2"
ALL56050†	Screw-In	1/2" Longer	2"
ALL56051†	Screw-In	1" Longer	2"
Replaces ALL56210			
ALL56042	Press-In	Standard	1-1/2"
ALL56210 Housing with ALL56206 Pin			
ALL56027	Press-In	Standard	2"
ALL56028	Press-In	1/2" Longer	2"
ALL56029	Press-In	1" Longer	2"
Replaces ALL56212			
ALL56044	Press-In	Standard	2"
Replaces ALL56218 (K6145)			
ALL56046	Press-In	Standard	2"
ALL56047	Press-In	1/2" Longer	2"
ALL56048	Press-In	1" Longer	2"

†Commonly used with ALL56256 ball joint adapter sleeve.



Adjustable Lower Ball Joints

Replace standard ball joint with an adjustable mono-ball style lower ball joint. Includes adapter sleeve, ball, adjuster bushings, and nut.

Part No.	Description
ALL56270	Screw-In Chrysler Stud (Common Dirt, ALL56216 Style)
ALL56276	Screw-In GM Impala Stud (Common Asphalt) ALL56216 Style with ALL56206 Pin
ALL56272	Press-In Large GM Impala Stud (Common Asphalt, ALL56206 Style)
ALL56274	Press-In Mid-Size GM Stud (ALL56218 Style)

Replacement Parts

Part No.	Description
ALL56271	Stud for ALL56270
ALL56273	Stud for ALL56272 and ALL56276
ALL56275	Stud for ALL56274
ALL99092	Housing for ALL56270 and ALL56276
ALL99093	Housing for ALL56272
ALL99094	Housing for ALL56274
ALL58002	Replacement Mono-Ball
ALL99096	Replacement Snap Ring
ALL99097	Replacement Spacer Kit



Adapter Bushing ALL56225

Convert a 2" taper per foot hole to accept a ball joint with a 1-1/2" taper per foot. For lower ball joints only.



Upper Control Arms

Powder-coated, bushing-style A-arms are available with steel or aluminum cross shaft and a straight or 10° ball joint position. Shaft bolt holes are 1/2" diameter, spaced 6" on center. Tig-welded .095" D.O.M. tube construction. Bolt-in style arms accept ALL56204 or Moog K6024 ball joints. Screw-in style arms accept ALL56214 or Moog K772 ball joints.



Size	Bolt-In	Bolt-In	Screw-In 10°	Screw-In 10°
	Alum. Shaft	Steel Shaft	Alum. Shaft	Steel Shaft
7"	—	—	ALL57940	—
7-1/4"	—	—	ALL57941	—
7-1/2"	ALL57902	ALL57922	ALL57942	ALL57962
7-3/4"	ALL57903	—	ALL57943	—
8"	ALL57904	ALL57924	ALL57944	ALL57964
8-1/4"	ALL57905	—	ALL57945	—
8-1/2"	ALL57906	ALL57926	ALL57946	ALL57966
8-3/4"	ALL57907	—	ALL57947	—
9"	ALL57908	ALL57928	ALL57948	ALL57968
9-1/4"	ALL57909	—	ALL57949	—
9-1/2"	ALL57910	ALL57930	ALL57950	ALL57970
9-3/4"	ALL57911	—	ALL57951	—
10"	ALL57912	ALL57932	ALL57952	ALL57972
10-1/4"	ALL57913	—	ALL57953	—
10-1/2"	ALL57914	ALL57934	ALL57954	ALL57974
11"	ALL57916	ALL57936	ALL57956	ALL57976

Metric Upper Control Arms

Tubular-style upper control arms replace OE stamped-style arms found on mid-size GM metric chassis with mounts spaced 6-7/8" on center and accept bolt-in style ball joints. Arms feature steel cross shafts, a durable powder-coated finish and greaseable pivot points for easy maintenance.



Control arms for ALL56220 (K5208) ball joint OE style

Part No.	Description
ALL57990	RH, 8"
ALL57992	LH, 8-1/2"
ALL57994	LH, 9"
ALL57995	LH, 9-1/2"
ALL57996	LH, 10"

Control arms for ALL56204 (K6024) ball joint

Part No.	Description
ALL57980	RH, 8"
ALL57982	LH, 8-1/2"
ALL57984	LH, 9"
ALL57985	LH, 9-1/2"
ALL57986	LH, 10"

IMCA Legal Upper Control Arms

IMCA legal upper control arms fit stock 6-7/8" mounts, found on mid-size GM Metric frames. Use with bolt-in style ball joint, Allstar 56220 or Moog K5208. Steel control arms are available with steel or aluminum cross shaft and come complete with "IMCA-certified" sticker.



Part No.	Description
ALL57830	RH, 8" with Steel Cross Shaft
ALL57831	LH, 8-1/2" with Steel Cross Shaft
ALL57832	RH, 8" with Aluminum Cross Shaft
ALL57833	LH, 8-1/2" with Aluminum Cross Shaft

Upper Control Arm Shims

Individual steel shims fit between the upper control arm and chassis mount to adjust caster and camber. Shims have 9/16" wide slots and easy-to-grasp tabs for installation and removal. Package of 10.



Part No.	Description
ALL60200	1/16" (0.062")
ALL60201	1/8" (0.125")



SUSPENSION

1-Piece Upper Control Arm Shims

Dual-mount shims fit between the upper control arm and chassis mount to adjust camber. One-piece design works with most mounts/control arms with 6" bolt spacing using 1/2" mounting hardware. Sold each.



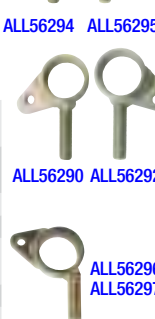
Part No.	Description
ALL60203	1/8" (0.125")
ALL60204	3/16" (0.185")
ALL60205	1/4" (0.250")
ALL60206	3/8" (0.375")
ALL60207	1/2" (0.500")
ALL60208	3/4" (0.750")
ALL60209	1" (1.00")
ALL60210	7-Piece Kit, Includes ALL60203-60209 (1 of each)

Ball Joint Holders

Holders are ideal for those who fabricate their own control arms. The holders have a 5/8" male RH thread and a 3/8" hole, commonly used with a clevis. Holders accept ALL56214 or Moog K772 style screw-in ball joints, sold separately.



Part No.	Description
ALL56290	LH Angled Stud, Angled Tab, Standard Spread
ALL56292	RH Angled Stud, Straight Tab, Standard Spread
ALL56294	LH Angled Stud, Angled Tab, Wide Spread
ALL56295	RH Angled Stud, Straight Tab, Wide Spread
ALL56296	Universal Straight Stud, Straight Tab, Wide Spread
ALL56297	Universal Design (ALL56296) Angled at 15°
ALL56194	5/8" RH Steel Clevis (Commonly Needed)
ALL56214	Screw-In Ball Joint (Most Common)



Unwelded Ball Joint Holder Kit ALL56298

Kit allows components to be welded at any angle. Stud is 5/8"-18RH thread, bracket has a 3/8" hole. Holder accepts ALL56214 or Moog K772 style screw-in upper ball joint.



Female Double Adjusters

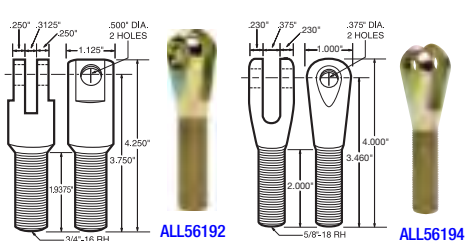
Steel double adjusters increase adjustment capability of control arms, trailing arms, Panhard bars, tie rod ends and other items using threaded tube. Adjuster includes two jam nuts.

Part No.	Description
ALL56198	5/8"-18 RH Male/LH Female, 4" Long
ALL56199	5/8"-18 LH Male/RH Female, 4" Long



Steel and Aluminum Clevises

3/4" clevises attach strut rod to A-frame (3/4"-16 thread with a 1/2" hole). 5/8" clevises, commonly used with Lefthander style upper A-arms, connect to ball joint holder (5/8"-18 thread with a 3/8" hole).



Part No.	Description
ALL56192	3/4" RH Steel
ALL56194	5/8" RH Steel

Slotted Upper Control Arm Bracket Kit ALL60077

Kits contain (2) slotted brackets, (2) centered bushings, (2) reducer spacers for 5/8" rod end, and a 1/2" bolt and, nyloc nut. Offset aluminum bushings (sold separately) allow for plenty of adjustment options.

Insert Bushings

Part No.	Description
ALL60080	Centered Bushings (Pair)
ALL60081	1/8" Offset Bushings (Pair)
ALL60082	1/4" Offset Bushings (Pair)
ALL60083	3/8" Offset Bushings (Pair)
ALL60084	1/2" Offset Bushings (Pair)



Upper Control Arm Brackets ALL60025

Stamped 3/16" mild steel brackets weld to chassis as a mounting point for upper control arm. Brackets have two 5/8" holes, spaced 7/8" apart for adjustment. May be trimmed to desired height. Package of 2.



Steel Control Arm Bushings

Allstar steel control arm bushings replace stock rubber bushings and eliminate deflection, a common problem with original equipment bushings.



Lower Control Arm Bushing Applications

Part No.	Application	Bushing Position	O.D.	UHL	Hole Size
Chevelle, Monte Carlo, GM Intermediates					
ALL56230	1964-66	Front (2nd Design)	1.345"	2.100"	.500"
	1967-74	Front	1.345"	2.100"	.500"
	1964-66	Front (1st Design)	1.645"	2.100"	.500"
ALL56232	1975-77	Front	1.645"	2.100"	.500"
	1964-72	Rear	1.645"	2.100"	.500"
	1978-88	Rear	1.645"	2.100"	.500"
ALL56233	-	-	1.645"	2.100"	.562"
ALL56234	1973-77	Rear	1.900"	2.100"	.500"
ALL56235	-	-	1.900"	2.100"	.562"
ALL56236	1978-88	Front	1.440"	2.750"	.500"
Camaro, Firebird					
ALL56230	1967-74	Front	1.345"	2.100"	.500"
ALL56232	1975-81	Front	1.645"	2.100"	.500"
	1967-72	Rear	1.645"	2.100"	.500"
ALL56234	1973-88	Rear	1.900"	2.100"	.500"
ALL56236	1982-92	Front	1.440"	2.750"	.500"

Upper Control Arm Bushing Applications

Part No.	Application	Bushing Position	O.D.	UHL	Hole Size
Chevelle, Monte Carlo, GM Intermediates					
ALL56238	1967-72	All	1.275"	1.250"	.675"
ALL56240	1978-88	All	1.530"	1.500"	.695"
ALL56242	1973-77	Front	1.394"	1.500"	.690"
ALL56244	1973-77	Rear	1.311"	1.425"	.690"
Camaro, Firebird					
ALL56238	1967-69	All	1.275"	1.250"	.675"
ALL56242	1974-79	Front	1.394"	1.500"	.690"
ALL56244	1974-79	Rear	1.311"	1.425"	.690"

Lightweight, Low-Friction Lower Control Arm Bushings

Designed for racing these bushings feature a lightweight housing with two steel inner bushings, machined so they can be tightened without binding. O-rings on each side help keep the bushings in place while installing and also help keep dirt out. Bushings should be disassembled and reassembled with a good quality wheel bearing grease prior to installation.

Chevelle 1964 - 1974 Metric 1978 - 1988

Part No.	Description	Part No.	Description
ALL56227	Front	ALL56228	Front
ALL56229	Rear	ALL56229	Rear



Roller Bearing Lower Control Arm Bushings

Free up stock front suspensions and help prevent binding commonly found with stock rubber and steel insert bushings. Steel bodied bushings are complete with needle roller bearings and hardened inserts that are ready to install and do not require special mounting hardware. All bushings have 1/2" I.D. mounting holes.



ALL56223



Part No.	Application	Bushing Position	O.D.	UHL	Hole Size
Chevelle, Monte Carlo, GM Intermediates					
ALL56221	1964-66	Front (2nd Design)	1.345"	2.100"	.500"
	1967-74	Front	1.345"	2.100"	.500"
	1964-66	Front (1st Design)	1.645"	2.100"	.500"
ALL56222	1975-77	Front	1.645"	2.100"	.500"
	1964-72	Rear	1.645"	2.100"	.500"
	1978-88	Rear	1.645"	2.100"	.500"
ALL56223	1973-77	Rear	1.900"	2.100"	.500"
ALL56224	1978-88	Front	1.440"	2.750"	.500"
Camaro, Firebird					
ALL56221	1967-74	Front	1.345"	2.100"	.500"
	1975-81	Front	1.645"	2.100"	.500"
ALL56222	1967-72	Rear	1.645"	2.100"	.500"
ALL56223	1973-88	Rear	1.900"	2.100"	.500"
ALL56224	1982-92	Front	1.440"	2.750"	.500"

Replacement Parts

Part No.	Description
ALL99250	Thrust Bearing Set

Related Parts

Part No.	Description
ALL56226*	Nylon Bushing Kit

* (Optional bushings to replace roller bearings when conforming to some sanctioning body rules.)

1978-88 GM Metric Front Lower Control Arms

Reproduction of the originals, these new arms are a direct replacement for 1978-88 GM metric chassis and accept stock ball joints.

Part No.	Description
ALL57804	RH
ALL57805	LH



ALL57804



ALL57805

1964-72 Chevelle Lower Control Arms

Reproduction 1964-72 A-body lower control arms are coated and have the same fit and appearance as the factory arms. Both versions are made to meet the same tolerance as the original. The deluxe arms have a more precise spring pocket for more consistent suspension geometry. They also accept the larger wire diameter of heavier rated racing springs.

Part No.	Description
ALL57800	RH
ALL57801	LH
ALL57802	RH Deluxe
ALL57803	LH Deluxe



ALL57800
ALL57802



ALL57801
ALL57803

Ball Joint Adapter Sleeve ALL56256

Adapter sleeve is ideal for modifying stock-style Chevelle lower control arms to accept a screw-in style ball joint. Adapter sleeve has an O.D. of 2.010" to take the place of a press-in style ball joint (ALL56210) allowing for installation of a screw-in style ALL56214 with a 1-1/2" taper/ft. pin or ALL56049 with a 2" taper/ft. pin ball joint.

Note: Modifications to control arms may be necessary for proper fit of sleeve. Sleeve must be welded to the control arm after installation.

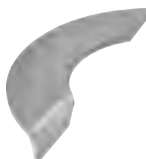


TECH TIP

To minimize distortion of sleeve during press-in, it is recommended that the ball joint be threaded into sleeve during press-in procedure.

Spring Ramp ALL56326

Ramp welds to the flat spring pocket area of aftermarket control arms to support the open end of conventional 5" or 5-1/2" springs, allowing springs to be used in the traditional position.



Chevelle Tubular Lower Control Arms – Helix Bottom

Heavy-duty control arms are made with 1-1/4" D.O.M. tubing with 1" D.O.M. cross bracing. Helix bottom correctly positions 5" or 5-1/2" conventional spring for proper performance. Black powder coated with high quality rod ends and separate shock bracket which requires welding or bolting onto the arm. Rod end spacer kit required to adapt rod end to fit in stock frame mount (sold separately). These control arms are intended for racing and will not accept stock style lower ball joints.



ALL57811
ALL57813



ALL57810
ALL57812

Press-In Ball Joint Control Arms (Use ALL56212)

Part No.	Description
ALL57810	RH
ALL57811	LH

Screw-In Ball Joint Control Arms (Use ALL56216)

Part No.	Description
ALL57812	RH
ALL57814	RH 1" Longer
ALL57813	LH

Related Part

Part No.	Description
ALL56322	'68-72 Chevelle A-arm Spacer Kit, 4-Pieces



RICH ROBINSON JR.

TONI IRVINE CRAIG



SUSPENSION

Tubular Lower Control Arms – Flat Bottom

Heavy-duty control arms are made with 1-1/4" D.O.M. tubing and 1" D.O.M. cross bracing. Flat bottom design works with 5" or 5-1/2" conventional springs which must be mounted with the closed end seated in the control arm and the open end in the upper spring cup or a spring ramp (sold separately) may be welded onto the lower plate to place the open end down. Black powder-coated arms feature high-quality rod ends and separate shock bracket which will require welding or bolting onto arm. Rod end spacer kit is required to adapt rod end to fit in the stock frame mount (sold separately). These lower control arms are intended for racing and will not accept stock-style lower ball joints.



Press-In Ball Joint Control Arms

(Use ALL56212)

Part No.	Description
ALL56320	RH, '64-'72 Chevelle
ALL56328	RH, '64-'72 Chevelle 1" Longer
ALL56321	LH, '64-'72 Chevelle
ALL56323	RH, '68-'74 Nova
ALL56324	LH, '68-'74 Nova



Related Parts

Part No.	Description
ALL56322	'68-'72 Chevelle A-arm Spacer Kit, 4-Pieces
ALL56325	'68-'74 Nova A-arm Spacer Kit, 5-Pieces
ALL56326	Spring Ramp (Helix)

Note: Ball joints should be tack welded into lower control arm after assembly.

Lower Control Arm Limit Clamps

Clamps fasten around tubular lower control arms providing a lower mounting point for a suspension limit chain. Clamps are double-shear style and accept 5/16" hardware.

Part No.	Description
ALL68340	1"
ALL68341	1-1/8"
ALL68342	1-1/4"



Lower Control Arm Kits

Universal kits are 2" longer than standard arms and must be cut to length before welding slug into place. Ball joint sold separately.



Part No.	Description
ALL56186	LH Kit, Use with Screw-In Ball Joint (ALL56216)
ALL56187	RH Kit, Use with Screw-In Ball Joint (ALL56216)

Double Adjusters

Steel double adjusters increase adjustment capability of control arms, trailing arms, Panhard bars, tie rod ends, and other items using threaded tube. Adjuster includes one LH and one RH jam nut.

Part No.	Description
ALL56196	5/8"-18 RH Male/LH Male, 4-1/4" Long
ALL56197	3/4"-16 RH Male/LH Male, 5" Long
ALL56198	5/8"-18 RH Male/LH Female, 4" Long
ALL56199	5/8"-18 LH Male/RH Female, 4" Long



Short GN Strut Bar ALL56190

Fits lower strut arm on strut bar chassis. Bar has 3/4"-16 LH threads (3" long). Hole spacing is 2-1/2".



Coarse Thread Weight Jack Bolts

Weight jack bolts have 1"-8 threads for quick adjustment. Use with ALL56113, ALL56114, and ALL56115 style spring plates.

Part No.	Description
ALL56106	8" Steel
ALL56107	11" Steel



Weight Jack Bolts with Internal Thread

Bolts have a 7/16"-20 internal thread on one end for use with bolt-on and swiveler spring cups. Coarse thread bolts have 1"-8 outer threads while fine thread bolts are 1-1/8"-12.

Coarse Thread 1"-8 with 3/4" Hex

Part No.	Description
ALL56094	4" Steel
ALL56095	6" Steel
ALL56096	8" Steel
ALL56097	11" Steel



Fine Thread 1-1/8"-12 with 1/2" Square Drive

Part No.	Description
ALL56090	6" Aluminum
ALL56091	8" Aluminum
ALL56092	6" Steel
ALL56093	8" Steel



Jam Nuts for Jack Bolts

Steel jam nuts for jack bolts



Part No.	Description
ALL56068	1"-8 (Coarse) 1-1/8" Wrench
ALL56110	1"-8 (Coarse) 1-1/2" Wrench
ALL99052	1-1/8"-12 (Fine) 1-3/8" Wrench

Weight Jack Bolt Collars

Steel collar typically welds onto frame or chassis for installation of a threaded jack bolt. Collar includes grease fitting.

Part No.	Description
ALL56099	1"-8
ALL56098	1-1/8"-12



Weight Jack Bolt Sleeves

Weld-in mild steel sleeve provides a mounting point for jack bolts or adjustable shock mounts. Sleeves are 2" long and have a 1-3/8" O.D. for welding onto chassis tubing.

Part No.	Description
ALL56109	1"-8, Coarse Thread
ALL56073	1-1/8"-12, Fine Thread



Weight Jack Plate ALL56112

Heavy-duty steel plate has a threaded boss welded to the center to accept jack bolts with 1"-8 coarse threads. O.D. is 5".



Coarse Thread Nut with Sleeve ALL56111

Steel coarse thread nut with sleeve has 1"-8 coarse threads.





SUSPENSION

Coil-Over Load Bolt Assembly ALL56074

Threaded aluminum bolt is 6" long with 1-1/8"-12 fine threads and is commonly used on big bar, soft spring cars. Load bolt offers the ability to easily change corner weights, change the center-to-center distance of the shock, adjust bump stop distances without adding shims and adjust ride height without running out of shock travel. Commonly used with ALL56098 threaded sleeve.

Part No.	Description
ALL56075	Replacement Shock End



Upper Spring Cups

Steel cups work with most 5" and 5-1/2" O.D. springs and either 1" or 1-1/8" jack bolts.

Part No.	Description
ALL56114	Standard Cup for 5" Spring
ALL56115	Oversized Cup for 5-1/2" Spring



ALL56114

Lightweight

Upper Spring Cup ALL56113

Lightweight steel cup works with most 5" and 5-1/2" O.D. springs and either 1" or 1-1/8" jack bolts.



Bolt-On Upper Spring Cup ALL56097

Steel cup bolts to internal thread jack bolt and keeps 5" or 5-1/2" spring centered to the jack bolt.



Bolt-On Spring Cup ALL56117

Aluminum cup for 5" spring features a 1/2" mounting hole for use with internal threaded jack bolts, used as a rear lower cup or modified to fit shock shafts.



Extended Length Upper Spring Cup ALL56125

Commonly used in rear suspensions, cup connects to jack bolt with a 7/16"-20 bolt to help maintain spring location. Extension sits 5" into the spring.



"Swiveler" Spring Cups

Swiveler cup is used in place of a standard upper spring plate and weight jack bolt on vehicles using conventional-style coil springs. Mono-ball stud mount allows cup to pivot as needed to prevent binding during suspension travel and requires a weight jack bolt with a 7/16"-20 internal threaded end for proper installation.

Extended Length "Swiveler" Spring Cup ALL56079

Extended length cup helps keep spring centered. Also keeps spring from falling out on some modern-day long-drop suspension packages.



Welded Style ALL56080

The sleeve and top are welded together on this unit to fit most applications using a 5" conventional spring.



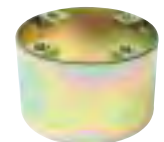
Pro-Series

Components bolt together to select the desired spring top plate and sleeve separately to build custom-size cups.

Part No.	Description
ALL56077	Spring Top Plate for 5" Spring
ALL56078	Spring Top Plate for 5-1/2" Spring
ALL56086	3-1/4" Spring Sleeve
ALL56087	3-1/2" Spring Sleeve
ALL56088	3-3/4" Spring Sleeve
ALL56089	4" Spring Sleeve
ALL56085	4-1/4" Spring Sleeve



ALL56077



ALL56086

Coil Spring Spacer ALL56116

Spacer for 5" racing spring welds into spring pocket enabling chassis adjustments to Street Stock and other race cars that are not allowed to use weight jack bolts or threaded adjusters. 3" tall spacer may be cut to desired height before installation. Use coil shim spacers ALL56120 and ALL56121 to make chassis adjustments.



Coil Spring Shims

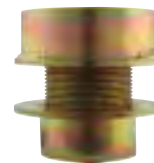
Used with ALL56116, or whenever weight jack bolts are not allowed, to raise car height for set-up purposes. 5" diameter, 3-5/8" I.D.

Part No.	Description
ALL56120	3/16" Shim
ALL56121	1/8" Shim



Adjustable Coil Spring Spacers

Adjustable spacers for 5" racing springs weld into spring pockets, enabling chassis adjustments to street stock and other race cars that are not allowed to use weight jack bolts.



ALL56118



ALL56119

Part No.	Description
ALL56118	All Steel Adjuster
ALL56119	Steel Sleeve with Alum. Adj. Nut



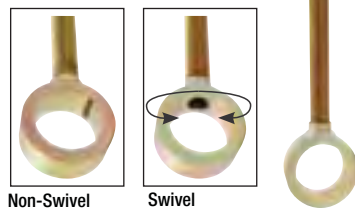
BRAYTON CARTER



CAYDEN CARTER

Sway Bar Bolts

Bolts have 7/8"-9 threads and are available in a fixed or swivel end design. Swivel end bolts have a 1/2" square drive end for quick and easy adjustments.



Part No.	Description	Eye I.D.	Eye O.D.	Eye Width	Eye Center to End of Threads
ALL56070	Steel Swivel	1-5/8"	2"	1-1/8"	11-1/2"
ALL56071	Steel Swivel	2"	2-3/4"	1-1/8"	12"
ALL56100	Steel Non-Swivel	1-1/2"	2"	1-1/8"	11-1/2"

Related Parts

Part No.	Description
ALL18266	Lock Nut for ALL56100 56102
ALL56072	Weld Nut for ALL56070 56071



ALL56072

Adjustable Sway Bar Bolt Kit

ALL56103

Kit includes a 3-5/8" long sleeve that welds into frame rail with a locking collar to prevent movement. Adjustment bolt has 4" of travel and adjusts with a 1/2" square drive ratchet. Inside eye diameter 1-1/2".



Adjustable Sway Bar Mount Kits

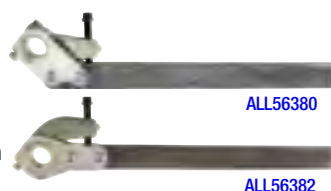
For Camaro and mid-size GM-based Circle Track cars. Mount sway bar in stock location, or below the A-arm for extra steering clearance. Urethane bushings reduce bind, and can be used with bars up to 1-1/4" diameter. Sway bar (ordered separately) must be turned over when mounting below A-arm. Bolt centerline spacing is 2-3/4".



Part No.	Description
ALL56104	Standard SAE Threads
ALL56105	1978-Up GM Metric Threads

Adjustable Sway Bar Arms

Kit includes a CNC-machined aluminum adjuster and a 17-1/2" long steel arm. Adjuster is available in 30° or zero drop with 1-1/4" x 49-spline or 1-1/2" x 48-spline. On cars with limited ground clearance, the zero drop kit positions the arm at the center line of the adjuster for additional ground clearance. Adjustment bolt has detents to lock at each half turn.

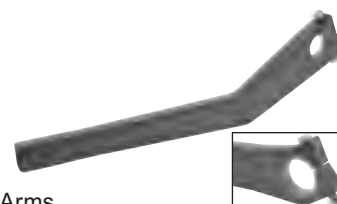


Part No.	Description	Spline
ALL56380	RH 30° Drop	1-1/4" x 49
ALL56381	RH 30° Drop	1-1/2" x 48
ALL56382	RH Zero Drop	1-1/4" x 49
ALL56383	RH Zero Drop	1-1/2" x 48

Sway Bar Arms

Splined sway bar arms are made from 3/4" thick mild steel. Arms are available straight or in 15° or 30° drop. Arms can be cut to length and bent to fit any width chassis. Includes pinch bolt.

Part No.	Description	Spline
ALL56384	30° Drop	1-1/4" x 49
ALL56385	30° Drop	1-1/2" x 48
ALL56386	15° Drop	1-1/4" x 49
ALL56387	15° Drop	1-1/2" x 48
ALL56388	Straight	1-1/4" x 49
ALL56389	Straight	1-1/2" x 48



ALL56384
ALL56385

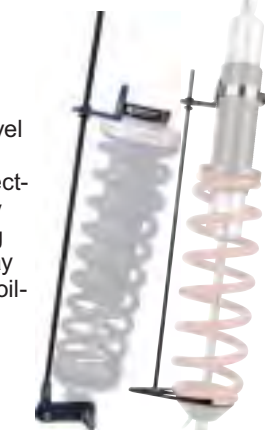
ALL56386
ALL56387

ALL56388
ALL56389

Shock Travel Indicator Kits

Check compression and rebound travel of coil-over shocks at a glance. Clamp aluminum bracket portion of the kit directly to the coil-over sleeve or shock body and attach the other end to the existing shock eye bolt or under spring cup. May be used with most coil-over and non-coil-over shocks. Clamp is included.

Part No.	Description
ALL60094	Kit for Use with 2-1/2" Spring
ALL60095	Kit for Use with 3" Barrel or 5" Springs



ALL60094

ALL60095

Ground Clearance Indicator ALL10725

Determine how close the frame is to the ground on the race track. This unique kit features an aluminum bracket that rivets to the frame with an adjustable 4" plastic wear rod.



Replacement Part

Part No.	Description
ALL10726	Wear Rods, 4-Pack

External Bump Stop

External bump stop allows adjustment of suspension travel separate from the coil-over unit. The detented adjuster nut can be turned on the rod end for quick adjustment. Each half turn equals 1/16", eliminating the need for packer shims. Bump stop bolts to the outside of lower control arm and to an upper chassis location (may need to drill a hole or use a clamp on bracket). Fine tune vehicle set-up by adjusting the upper bushing plate. Includes built-in travel indicator and two yellow 75 durometer bushings. Will also accept bump springs with 5/8" I.D. retainers (not included).

Part No.	Description
ALL56361	Bump Stop with Bushings
ALL56360	Bump Stop without Bushings

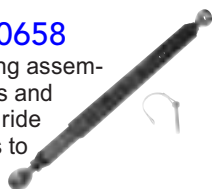




SUSPENSION

Ride Height Set-Up Stick [ALL10658](#)

Stick replaces the coil-over shock and spring assembly during maintenance. Stick has many uses and may be adjusted to check settings at normal ride height, in race attitude, or on the bump stops to evaluate suspension travel. Adjusts from 15" to 24", measured at the center of rod ends.



Shock Racks

Shock rack holds four shocks with 2-1/2" springs and easily mounts to trailer, shop wall or pit cart. Rack is designed to hold shocks in place by pushing shock rod end or eye over the outer O-ring or alternatively, the outer O-ring may be removed to expose a predrilled hole for a hair-pin clip such as ALL18442, sold separately.



ALL12211

Part No.	Description
ALL12212	Standard Rack
ALL12211	Adjustable Base Rack

Shock Eye Socket [ALL64255](#)

The ideal tool for shock rebuilders or anyone that disassembles shocks on a regular basis! Unique socket safely removes and installs the shock rod end without risk of damage to the spherical ball. Steel socket contacts the outer housing of 1/2" rod ends up to .640" wide and has a 1/2" drive for ratchet or impact use.



Shock Inflation Tool [ALL64260](#)

Shock inflation tool threads onto shock Schrader valves. Fill valve and 0-300 PSI gauge head independently rotate a full 360°, for easy filling and reading. Complete with built-in bleeder and includes a protective storage case.



Shock Workstations

The all-in-one shock workstations hold shock bodies in the upright position for ease of shaft removal or assembly and hold shock shafts vertical or horizontal for easier repairs or revalving. Workstations are constructed of aluminum, can be placed in a vise, and have 1/4" threaded holes for custom mounting.



ALL64263

ALL64264

Part No.	Description
ALL64263	Single Shock Workstation
ALL64264	Double Shock Workstation

Shock Workstation Base [ALL64267](#)

Steel base is helpful when mounting Allstar shock workstation (ALL64264) in a trailer or to a shop workbench. Mounting hardware included.



Shock Drip Cup [ALL64265](#)

No more messy oil soaked rags or shock oil dripping onto the workbench. Shock drip cup has a specially designed rubber seal that conforms to a broad range of shocks and holds cup in place. Fits 1-1/2" to 2-1/8" O.D. shock bodies.



Part No.	Description
ALL99290	Replacement Drip Cup Seal

14mm Bump Stop Kit [ALL64360](#)

Kit makes it easy to start using bump stops. Includes a selection of 20 bump stop pucks ranging from 50 to 75 durometer, 8 backing washers and 16 packer shims in a simple plastic carrying case.



Bump Stop Pucks - 14mm

Pucks are replacement components found in ALL64360 bump stop kit, in addition to other durometer ratings for even more adjustability. 2" O.D. pucks have a 1/2" I.D. hole suitable for 14mm shocks as well as many other uses, including suspension limiters.



ALL64374

Bump Stop Pucks	1/2" Tall	3/4" Tall	1" Tall
40dr Brown	ALL64367	ALL64368	ALL64369
50dr Green	ALL64370	ALL64371	ALL64372
55dr Orange	ALL64373	ALL64374	ALL64375
60dr Purple	ALL64376	ALL64377	ALL64378
65dr Black	ALL64379	ALL64380	ALL64381
75dr Yellow	ALL64384	ALL64385	ALL64386

Aluminum Backing Washer [ALL64366](#)

Aluminum washer is designed for use with 14mm bump stop pucks, as a backer washer, or many other uses. Washer has a 2-1/4" O.D., 1/2" I.D. and is 3/16" thick.



Bump Stop Shims - 14mm

Place within the bump stop stack to limit suspension travel. 2" O.D. shims work with most 14mm shocks.



ALL64364

ALL64365

Part No.	Description
ALL64364	1/16" Shim
ALL64365	1/8" Shim

Shock Bump Covers

These neoprene covers are perfect for protecting shock shafts and covering bump set ups. Fit 2" O.D. shocks. Not for use with coil-over springs.

Part No.	Description
ALL64216	10" Tall Cover
ALL64218	14" Tall Cover





SUSPENSION

16mm Bump Stop Kit ALL64320

Kit makes it easy to start using bump stops. Includes a selection of 20 bump stop pucks ranging from 50 to 75 durometer, 8 backing washers, and 16 packer shims in a simple plastic carrying case.



Bump Stop Pucks - 16mm

Pucks are replacement components found in ALL64320 Bump Stop Kit, in addition to other durometer ratings for even more adjustability. 2.10" O.D. pucks have a 5/8" I.D. hole suitable for 16mm shocks as well as many other uses, including suspension limiters.

Bump Stop Pucks	1/2" Tall	3/4" Tall	1" Tall
40dr Brown	ALL64327	ALL64328	ALL64329
50dr Green	ALL64330	ALL64331	ALL64332
55dr Orange	ALL64333	ALL64334	ALL64335
60dr Purple	ALL64336	ALL64337	ALL64338
65dr Black	ALL64339	ALL64340	ALL64341
75dr Yellow	ALL64344	ALL64345	ALL64346

Aluminum Backing Washer ALL64326

Aluminum washer is designed for use with 16mm bump stop pucks, as a backer washer or many other uses. Washer has a 2-1/4" O.D., 5/8" ID., and is 3/16" thick.



Bump Stop Shims - 16mm

Place within the bump stop stack to limit suspension travel. 2" O.D. shims work with most 16mm shocks.

Part No.	Description
ALL64323	1/32" Shim
ALL64324	1/16" Shim
ALL64325	1/8" Shim



Bump Stop Components for Bilstein Shocks

Many bump stop options are available today. These components are for use with Bilstein shocks.

Part No.	Description
ALL64274	Bump Stop Lower Support for Roller Skate Wheel Stops
ALL64275	Bump Stop Cup Fits the Bilstein Rod End
ALL64276	Rod Guide Protector Puts the Bump Stop Forces into the Shock Body, Not the Rod Guide
ALL64277	Splitter Washer Used to Separate Stops on Stacked Stop Setups



Roller Skate Wheel Bump Stops

Poly bump stops are 1" tall with a 5/8" diameter hole.

Part No.	Description
ALL64510	50 Durometer
ALL64511	55 Durometer
ALL64512	60 Durometer
ALL64514	70 Durometer



Adjustable Poly Bump Stop Kit ALL64505

Polyurethane bump stop is weather resistant and easily adjustable by adding packers to the inner ring. Five 1/16" thick packer shims included in the kit.



Shock Bump Rubbers

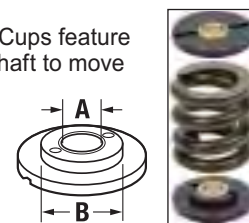
Conical bump rubbers fit on most shock shafts up to 16mm to limit shock travel. Bump rubbers are 2-3/8" tall and have a 2" O.D. base. A letter designation is molded in the bottom to identify compound.



Part No.	Description
ALL64500	Soft (40 grams)
ALL64501	Medium (50 grams)
ALL64502	Hard (55 grams)

Bump Spring Cups

Lightweight bump spring cups are made from 6061-T6 aluminum and have a black anodized finish. Cups feature a bronze bushing, allowing the shock shaft to move freely during suspension travel. Cups have a 2" O.D. sized for Hypercoil and most Landrum bump springs. Two are required and should closely match bump spring I.D. size to appropriate bump spring cup step O.D. size from chart. Sold each.



Shaft Sz. "A"	Cup Step O.D. "B"		
	1.160"	1.200"	1.280"
14mm	ALL64348	ALL64349	ALL64350
1/2"	ALL64352	ALL64353	ALL64354
16mm, 5/8"	ALL64356	ALL64357	ALL64358

Shock Shims

Uniquely designed shock shims are placed directly onto the shock shaft to simplify fine tuning of the chassis without disassembling the shock or even removing the shock from the chassis. Kits include a variety of shim designs and sizes for convenient tuning and set-up.



Starter Kit

Includes: U-Shaped Shims 1/16" (4 pcs), 1/8" (4 pcs), and 3/8" (2 pcs); Semi-Solid Shims 1/16" (4 pcs) and 1/8" (4 pcs).

Standard Kit

Includes: U-Shaped Shims 1/16" (12 pcs), 1/8" (12 pcs) and 3/8" (6 pcs); Semi-Solid Shims 1/16" (12 pcs) and 1/8" (12 pcs); 2-Piece Collar Shims 1/2" (2 pcs), 3/4" (2 pcs), and 1" (2 pcs); Storage Case.

Deluxe Kit

Includes: U-Shaped Shims 1/16" (12 pcs), 1/8" (24 pcs), and 3/8" (10 pcs); Semi-Solid Shims 1/16" (12 pcs) and 1/8" (24 pcs); 2-Piece Collar Shims 1/2" (6 pcs), 3/4" (6 pcs), and 1" (6 pcs); Storage Case.

Size	Starter Kit	Standard Kit	Deluxe Kit
14mm	ALL64400	ALL64402	ALL64404
16mm	ALL64440	ALL64442	ALL64444

SEE NEXT PAGE FOR INDIVIDUAL SHIM KITS



SUSPENSION

Shock Shim Components

U-Shaped Shims - Designed for quick removal and installation into tight stacks and locations where twisting the shim into the stack is not an option or when the car is on the ground. Commonly used for fine tuning the suspension.



ALL64412

Semi-Solid Shims - Designed for quick removal, providing a secure installation that will not fall out yet requires 3/4" of space to install or remove. Typically installed when the vehicle is off the ground. Commonly used for fine tuning the suspension.



ALL64416

ALL64404

2-Piece Collar Shims - Designed to attach around the shaft of the shock and secure in place with a zip tie. Commonly used during initial set-up or to take up a large amount of travel.



ALL64420

Description	2-Pack	10-Pack	25-Pack
14mm (.550")			
U-Shaped Shim 1/16"	—	ALL64410	ALL64410-25
U-Shaped Shim 1/8"	—	ALL64412	ALL64412-25
U-Shaped Shim 3/8"	—	ALL64414	ALL64414-25
Semi-Solid Shim 1/16"	—	ALL64416	ALL64416-25
Semi-Solid Shim 1/8"	—	ALL64418	ALL64418-25
2-Piece Collar Shim Kit 1/2"	ALL64420	ALL64420-10	—
2-Piece Collar Shim Kit 3/4"	ALL64422	ALL64422-10	—
2-Piece Collar Shim Kit 1"	ALL64424	ALL64424-10	—
16mm (.630")			
U-Shaped Shim 1/16"	—	ALL64450	ALL64450-25
U-Shaped Shim 1/8"	—	ALL64452	ALL64452-25
U-Shaped Shim 3/8"	—	ALL64454	ALL64454-25
Semi-Solid Shim 1/16"	—	ALL64456	ALL64456-25
Semi-Solid Shim 1/8"	—	ALL64458	ALL64458-25
2-Piece Collar Shim Kit 1/2"	ALL64460	ALL64460-10	—
2-Piece Collar Shim Kit 3/4"	ALL64462	ALL64462-10	—
2-Piece Collar Shim Kit 1"	ALL64464	ALL64464-10	—

2.5" Coil-Over Kits

Kits include everything to assemble one complete shock. Slotted tops allow quick and easy spring changes. Kits are for 2-1/2" coil-over springs and are designed for use with 2" steel-bodied shocks unless specified.



ALL64141

Shock	Kit Number	Replacement Top	Replacement 5" Sleeve	Replacement 7" Sleeve	Replacement Adjuster Nut
AFCO					
Kit with 7" Sleeve	ALL64141	ALL64170	ALL64160	ALL64161	ALL64180
Bilstein					
Kit with 7" Sleeve	ALL64143	ALL64171	ALL64162	ALL64163	ALL64180
Fox					
Kit with 7" Sleeve	ALL64130	ALL64177	—	ALL64164	ALL64180
Kit for Track Evolution Series with 7" Sleeve	ALL64131	ALL64177	—	ALL64165	ALL64180
Kit for Aluminum Threaded Body	—	ALL64177	—	—	—
Integra					
(Avenger) Kit with 7" Sleeve	ALL64158	—	—	—	ALL64180
JRI					
Kit with 7" Sleeve	ALL64136	ALL64178	—	ALL64169	ALL64180
Koni					
Kit with 5" Sleeve	ALL64146	ALL64173	ALL64162	ALL64163	ALL64180
Kit with 7" Sleeve	ALL64147	ALL64173	ALL64162	ALL64163	ALL64180
Penske					
Kit with 7" Sleeve	ALL64149	ALL64174	ALL64162	ALL64163	ALL64180
Pro					
Kit with 7" Sleeve	ALL64151	ALL64175	—	ALL64165	ALL64180
QA1					
(50 Series) Kit with 7" Sleeve	ALL64145	ALL64172	—	ALL64165	ALL64180
Kit for Aluminum Smooth Body w/7" Sleeve	ALL64154	ALL64172	—	ALL64167	ALL64180

Related Products

Part No.	Description
ALL64182	2-1/5" C/O Diaper Pin
ALL64183	Snap Ring Flat (Koni)
ALL64184	Snap Ring Round
ALL64186	Snap Ring (Fox)



ALL64182



ALL64183



ALL64184



ALL64186

5" Coil-Over Adapter ALL64185

Aluminum adapter converts existing coil-over kit from a 2-1/2" spring to a 5" spring. Adapter inner hole I.D. is 2-1/2" to work with most coil-over sleeves. Sold each, two are typically required.



Spring Spacers



Spring spacers can be used with 2-1/2" coil-over springs or with coil-over kits and 5" adapter when extra spacing is needed.

Part No.	Description
ALL64195	1" Spacer
ALL64196	2" Spacer
ALL64197	3" Spacer



SUSPENSION

Shock Extensions

Steel extensions fasten directly to shock shaft for added suspension travel. Sold each.

M12-1.0 Thread (Bilstein)

Part No.	Description
ALL60096	1" Extension
ALL60097	2" Extension

7/16"-20 Thread (Fox)

Part No.	Description
ALL60098	1" Extension
ALL60099	2" Extension



Shock Canister Mounts

At last, a shock canister mount that fits all common shock canisters. Aluminum construction mount is rubber padded to protect shock canister and increase holding strength. Adjustable quick-release nylon strap will secure any shock canister from 1-1/2" to 3" in diameter.

Part No.	Description
ALL64270	1-1/4" Tubing
ALL64269	1-3/8" Tubing
ALL64271	1-1/2" Tubing
ALL64272	1-3/4" Tubing
ALL64273	Flat Panel

Replacement Parts

Part No.	Description
ALL99295	Release Pin
ALL99296	Retainer Strap



Spring Pre-Loader

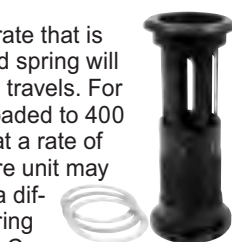
Pre-loader allows use of a softer spring rate that is "pre-loaded" at ride height. The pre-loaded spring will have less rate increase as the suspension travels. For example, a 150 lb./in. spring can be pre-loaded to 400 lbs. at ride height, but still only increases at a rate of 150 lb./in. as suspension travels. The entire unit may also be exchanged with another unit with a different rate spring pre-installed to allow spring rate changes without affecting ride height. Commonly used on the rear coil-overs, pre-loader requires 3" I.D. spring, includes a thrust bearing set and fits most shocks.

Note: Unit is typically installed with slotted inner half towards the shock body. Always check components for possible interference.

Part No.	Description
ALL64230	Pre-Loader for 10" Tall Spring
ALL64232	Pre-Loader for 12" Tall Spring
ALL64234	Pre-Loader for 14" Tall Spring
ALL64212	Replacement 3" Bearing Set

Related Parts

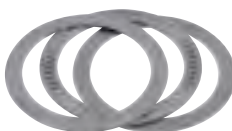
Part No.	Description
ALL11187	Pre-Loader Body Wrench
ALL11188	Pre-Loader Nut Wrench



Thrust Bearing Kits

Bearing kits are placed between the coil spring and the adjuster nut to reduce friction when making adjustments. Kits are recommended for preloaded spring assemblies or when springs require adjustment while they are under pressure. Kits include one bearing and two races.

Part No.	Description
ALL64210	2.5" Kit (2.5" I.D. x 3.25" O.D.)
ALL64212	3" Kit (3.025" I.D. x 3.730" O.D.)
ALL64214	5" Kit (4.150" I.D. x 5.045" O.D.)



Hydraulic 2-1/2" Coil-Over Spring Adjuster ALL64220

Weight jack assembly allows driver to adjust car handling while driving. Turning the adjustment knob will extend spring cup up to 7/8" to increase or decrease spring pressure. Assembly includes hydraulic ram, hydraulic pump with adjustment knob, 9' braided hose, and two washers for use with standard or threaded-body shocks. Black anodized finish.

Replacement Parts

Part No.	Description
ALL64222	O-Ring Kit for ALL64220



Shock Protectors

Plastic shock protectors slide over aluminum threaded body shock to protect against wear from spring. Protector measures 6" from spring seat to end, has an I.D. that measures 2-1/4" and works with all 2-1/2" I.D. springs. Unit should just cover shock body and may need to be cut to specific length.

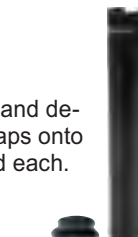
Part No.	Description
ALL64200	Blue
ALL64201	Black



Shock Protectors

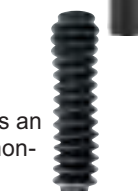
Shock Protectors add extra protection from rocks and debris to your shock body. Plastic protector simply snaps onto your shock body. May need to be cut to length. Sold each.

Part No.	Description
ALL64202	2" Standard Body Shocks
ALL64203	1-5/8" Small Body Shocks



Shock Shaft Boot ALL64198

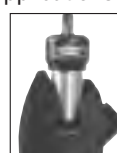
Rubber bellows style boot is 10" long, one end has an 1-1/4" opening while the other is 2". Boot fits most non-coil-over shocks.



Shock and Pull Bar Covers

Neoprene covers help protect from rock damage and to keep components clean while preventing the competition from knowing your secrets. Hook-and-loop material allows easy cover removal for adjustments. 3" covers are often used for 2-1/2" and 3" coil-over shocks and small diameter upper links. 6" covers work well on 5" springs and pull bar applications.

Part No.	Description
ALL64204	3" x 14"
ALL64205	3" x 16"
ALL64206	6" x 7"
ALL64207	6" x 14"
ALL64208	6" x 16"
ALL64209	6" x 20"



Coil-Over Eliminator ALL64100

Eliminator fits conventional 5" coil springs. Adjuster locks spring into place. Kit includes a threaded shaft, two spring plates, one adjuster, two rod ends, and two jam nuts. Not to be used as a suspension limiting device, check maximum travel before use.





SUSPENSION

Weld-On Shock Brackets

Weld-on shock brackets mount standard and coil-over shocks with 1/2" I.D. inner bushing or 1/2" rod end to chassis as well as many other uses. 1/8" thick mild steel brackets include 1/2" bolt, spacer and locknut.

Notched Tube Mount

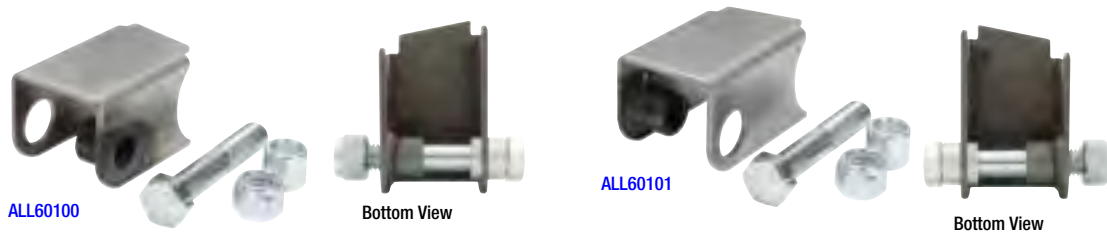
Bracket is notched for 1-1/2" – 1-3/4" round tubing to create a gusset-style mount that welds on three sides. Notched design positions the bracket perpendicular to the tubing at a 90° angle for straight mount and approximately a 75° angle for angled mounts.

Straight Mount



Part No.	Description
ALL60103	Short
ALL60104	Long
ALL60112	Long Two-Position
ALL60113	Extra-Long Three-Position

Angle Mount



Part No.	Description
ALL60100	Left Hand
ALL60101	Right Hand

Round Tube Mount

Bracket welds parallel onto tubing. Typically mounted above or below tubing and includes 1/2" shock mounting hardware. Mounting positions are on 1" centers.

Part No.	Description
ALL60107	One Position
ALL60114	Two Position
ALL60115	Three Position



Flat Mount ALL60106

Bracket mounts to a flat surface or square tubing.



Shock Bracket Replacement Parts

Part No.	Description
ALL99100	Bolt, Locknut, and Bushing
ALL99101	Bushing Only

Shock Spacers

Steel spacers have a 1/2" I.D. and 3/4" O.D. and can be used in a variety of other locations.



Length	2-Pack	10-Pack	25-Pack
1/4"	ALL64280	ALL64280-10	ALL64280-25
1/2"	ALL64282	ALL64282-10	ALL64282-25
5/8"	ALL64283	ALL64283-10	ALL64283-25
3/4"	ALL64284	ALL64284-10	ALL64284-25



SUSPENSION

Clamp-On Shock Brackets

Clamp-on shock brackets mount standard and coil-over shocks with 1/2" I.D. inner bushings to round tubing without welding. Easily add additional mount or pivot mount when experimenting or trying different set-ups. Standard brackets position the shock approximately 1" below the chassis tubing. Drop mount brackets position the shock approximately 2-1/2" below the chassis tubing. Brackets include mounting hardware with nyloc locking nuts.

Clamp-On

Part No.	Description
ALL60220	1-3/4"
ALL60221	1-1/2"
ALL60222	1-1/4"

Drop Mount Clamp-On

Part No.	Description
ALL60224	1-3/4"
ALL60225	1-1/2"



Steel Shock Quick Pin ALL60108

Steel shock quick pins allow coil-over shocks to be quickly serviced or changed. Works with Allstar coil-over brackets, eliminating the need for a separate bushing. Shock quick pins are 2-1/2" long and include a hairpin. Sold each.

Titanium Shock Quick Pins

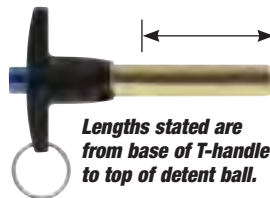
Titanium shock quick pins allow coil-over shocks to be quickly serviced or changed. ALL17120 has a long shoulder and will work with Allstar coil-over brackets, eliminating the need for a separate bushing. ALL17121 is commonly used on non-bushing type brackets, but can be used with Allstar brackets along with bushing. Shock quick pins are 2-1/2" long and include a hairpin.

Part No.	Description
ALL17120	Quick Pin with Shoulder
ALL17121	Quick Pin without Shoulder



Quick-Release T-Handle Pins

Positive-lock quick-release pins hold tightly in place until the handle button is depressed, allowing the pin to be inserted or removed into or out of a hole with ease. Handles are made from 380 die cast aluminum, shanks are made from 4130 steel. Each pin is equipped with a stainless steel split ring, allowing the option to attach a cable assembly.



Lengths stated are from base of T-handle to top of detent ball.

Part No.	Description	Part No.	Description
ALL60300	1/4" x 1"	ALL60314	3/8" x 3"
ALL60301	1/4" x 1-1/2"	ALL60318	1/2" x 2"
ALL60302	1/4" x 2"	ALL60320	1/2" x 2-1/2"
ALL60304	5/16" x 1"	ALL60322	1/2" x 3"
ALL60306	5/16" x 2"	ALL60324	1/2" x 3-1/2"
ALL60308	5/16" x 3"	ALL60326	5/8" x 2"
ALL60310	3/8" x 1"	ALL60328	5/8" x 2-1/2"
ALL60312	3/8" x 2"	ALL60330	5/8" x 3"

Quick Pin Lock Collar

Steel lock collar provides a positive lock for quick release pins. Black coated collar with button-head machine screw allows attachment of a securing device, like an Allstar lanyard (ALL18461 or ALL18463).

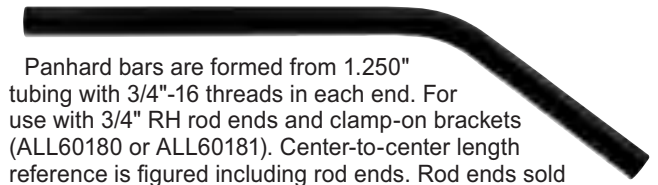
Part No.	Description
ALL60335	1/2" Collar with 10-32 Screw
ALL60336	5/8" Collar with 1/4"-28 Screw



Panhard Bars

Panhard bars are formed from 1.250" tubing with 3/4"-16 threads in each end. For use with 3/4" RH rod ends and clamp-on brackets (ALL60180 or ALL60181). Center-to-center length reference is figured including rod ends. Rod ends sold separately.

Part No.	Description
ALL56146	29" Center-to-Center
ALL56147	30-1/2" Center-to-Center
ALL56148	32-3/4" Center-to-Center



Cut-to-Fit J-Bar Style Panhard Bars

Cut-to-fit bar is an unwelded kit that allows building a custom-length J-Bar with up to a 27" long center-to-center distance, enough to work with most chassis. Bar is formed from .250" wall, 1-1/2" diameter steel tubing, has a 4" drop, includes a threaded insert and rod ends.

Part No.	Description
ALL56141	Bar with Standard Rod Ends
ALL56142	Bar with Aircraft Rod Ends
ALL56143	Replacement 3/4"-16 Insert



Standard Rod End

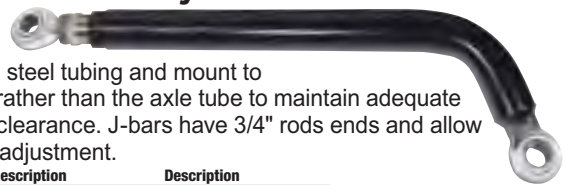


Aircraft Rod End

Adjustable J-Bar Style Panhard Bars

Bars are formed from 1-1/2" steel tubing and mount to the pinion rather than the axle tube to maintain adequate driveshaft clearance. J-bars have 3/4" rods ends and allow up to 2" of adjustment.

Part No.	Description	Description
ALL56155	4"	17-1/2"-19-1/2", 6.2 lbs.
ALL56156	4"	19-1/2"-21-1/2", 6.2 lbs.
ALL56153	6"	17-1/2"-19-1/2", 6.7 lbs.
ALL56154	6"	19-1/2"-21-1/2", 7.0 lbs.



Replacement Parts

Part No.	Description
ALL99050	Replacement Threaded Adjuster
ALL99052	Adjuster Nut
ALL58072	3/4" Male Moly Rod End

Heavy-Duty 3/4" Chrome Moly Rod Ends

Heavy duty or often referred to as "Aircraft Style", 4130 chrome moly rod ends have larger bodies, making them thirty percent stronger than standard 3/4" rod ends. These rod ends are commonly used on Panhard bars and lower strut rods.

Part No.	Description
ALL99314	RH Male, 3/4" x 3/4"-16
ALL99315	RH Female, 3/4" x 3/4"-16



ALL99314



ALL99315



SUSPENSION

Panhard Bar/Third Link Brackets

Brackets have a built-in arch for adjustment of the Panhard bar or third link angle without changing the length of the arm. Brackets are 1/8" thick. Sold as a pair.

Part No.	Description
ALL60162	6-Hole Brackets with 1/2" Holes
ALL60163	6-Hole Brackets with 5/8" Holes
ALL60165	6-Hole Brackets with 3/4" Holes
ALL60167	5-Hole Brackets with 3/4" Holes



Weld-On

Panhard Bar Bracket ALL60168

Bracket is made from 1/4" steel and has six 3/4" mount holes for Panhard bar. Measures 8-1/2" tall by 2" wide.



Clamp-On Panhard Bar Brackets

Adjustable steel or aluminum brackets clamp to square tubing, providing multiple Panhard bar mounting locations. Brackets are tapped for 3/4"-10 bolts. Steel brackets have outer holes 5" apart. Aluminum brackets have outer holes 5.5" apart. Hole measurements are center-to-center.

Steel Brackets

Part No.	Description
ALL60240	For 2" x 2" Tubing
ALL60244	For 1-1/2" x 1-1/2" Tubing



Aluminum Brackets

Part No.	Description
ALL60243	Straight, 2.5 lbs., for 2" x 2" Tubing
ALL60245	Angled, 2.0 lbs., for 2" x 2" Tubing



Aluminum Radiused Climbing Style Frame Mount Panhard Bar Brackets

Easily adjust your Panhard bar with only one wrench! Climbing style adjuster allows any amount of adjustment without having to remove or realign any spacer/tabs. Features radiused slot so you don't have to re-square the rear end after adjustments. Aluminum brackets fit 2" x 2" tubing.

Part No.	Description
ALL60247	Center/Inside Mounting (Mastersbilt, Barry Wright, Hughes)
ALL60248	Outside /Center Mounting (Rocket)



Steel Radiused Climbing Style Frame Mount Panhard Bar Brackets

Steel climbing style adjuster mounts to chassis square tubing and permits Panhard/J-bar adjustment without removing or realigning spacers or tabs found on other mounts. Radiused slot eliminates the need to re-square the rear end after adjustments.

Part No.	Description
ALL60238	For 1-1/2" Tubing, Inside and Outside Mounting
ALL60239	For 2" Tubing, Inside and Outside Mounting

ALL60239

Internal Screw Style

Panhard Bar Adjusters ALL56152

A screw bolt style adjuster is welded inside of the tube. When welded in place of current mount, Panhard bar can be easily adjusted by turning the screw bolt. Attach Panhard bar to this adjuster with ALL60183 Clevis (not included). Rear Panhard mount, 21" tall with 3" of adjustment.



Aluminum Panhard Bar Clevis

Aluminum clevis clamps around a chassis tube and connects to the 3/4" rod end on the long end of a J-bar style Panhard bar. After loosening the two Allen bolts, the clamp may be slid up or down on the chassis tube to adjust the bar and change roll center.



ALL60183

Part No.	Description
ALL60182	1-1/2" I.D.
ALL60183	1-3/4" I.D.

Remote Adjustable Panhard Bar Mounts

Easily adjusted on frame side of Panhard bar, mount has a threaded shaft and fastens to 1-3/4" diameter tubing. Standard mount kit has 2" of adjustment, drop mount kit has 5" of adjustment. Each turn of the shaft moves mount .100". Extension rod may be mounted in rear window or decking for quick, easy adjustments from outside of the car. Mounting hardware and a 3/4" Panhard bar bolt are included.



Part No.	Description
ALL60270	Standard Mount Kit
ALL60273	Drop Mount Kit



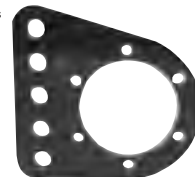
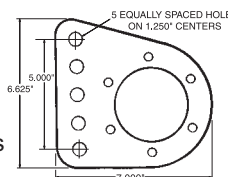
ALL60270 ALL60273

Replacement Items:

Part No.	Description
ALL60272	Extension Rod with Bushing for ALL60270 ALL60273
ALL60274	Flange Bearing

Quick-Change 5-Hole Panhard Bar Bracket ALL60170

Bracket mounts to all standard quick-change rear ends with six bolts. Made of 1/2" thick steel, bracket has five 3/4" Panhard bar mounting holes for up to 5" of adjustment.



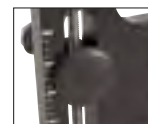
Quick-Change Panhard Bar Bracket ALL60275

Replaces the front seal plate/bearing retainer on most quick changes to add 4" of adjustment. Includes yoke seal, O-ring, spacers, and 3/4" lock nut.



Replacement Parts

Part No.	Description
ALL99112	Stud
ALL99113	Large Spacer
ALL99114	Small Spacer
ALL99115	O-Ring





SUSPENSION

Quick Change Panhard Bar Bracket [ALL60280](#)

Bracket has arched, serrated slots for easy adjustment. Designed by Scott Bloomquist.

Replacement Part

Part No.	Description
ALL60282	Replacement Bolt and Spacers

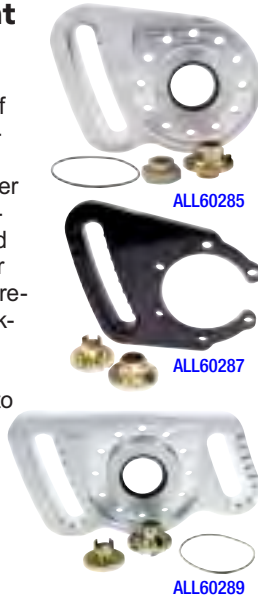


Quick-Change Pinion-Mount Panhard Bar Brackets

Pinion-mounted brackets have a cam-style adjuster for quick and easy setup of the Panhard or J-bar. Single cam adjuster features a cog style adjuster nut and threaded back nut that slides with adjuster for easy single-wrench adjustment. Double-cam adjuster has cog-style front and rear adjusters that are keyed together for smooth adjustments. Aluminum mounts replace the front pinion plate on most quick-change rear ends and the steel mount is used with the original pinion plate. Radiused mounting slots eliminate the need to adjust J-bar or Panhard bar length.

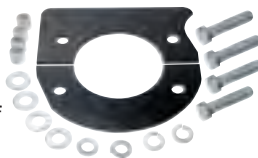
Part No.	Description
ALL60285	Aluminum Bracket, Single Sided, Single Cam
ALL60286	Aluminum Bracket, Double Sided, Single Cam
ALL60287*	Single Sided Steel, Double Cam
ALL60288	Aluminum Bracket, Single Sided, Double Cam
ALL60289	Aluminum Bracket, Double Sided, Double Cam

*Steel bracket designed for use with original or factory pinion plate.



Climbing Pinion Cover Plate Kit [ALL72078](#)

Kit includes a 2-piece cover and mounting hardware to reduce mud build-up in the machined pocket area of Allstar aluminum pinion mount Panhard bar brackets.



Quick-Change Bracket [ALL60181](#)

Clamp-on bracket mounts on left side tube of quick change to connect Panhard bar. Change roll center height by loosening clamp and pivoting bracket up or down. Measures 11-3/4" from housing to end of bracket, 3/4"-16 threads. Grade 5 hardware with Nyloc nuts included.



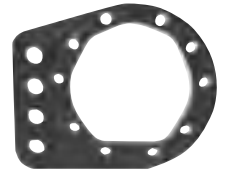
Ford 9" Panhard Bar Bracket [ALL60180](#)

Bracket connects Panhard bar to Ford 9" axle housing with 3" O.D. axle tubes. Roll center height can be changed by loosening clamp and pivoting bracket up or down. Measures 7-3/4" from housing to end of bracket, 3/4"-16 threads. Grade 5 hardware with Nyloc nuts included.



Ford 9" Panhard Bar Bracket [ALL60176](#)

Ford center section bracket is 1/2" thick steel with four 3/4"-16 mounting holes to provide 3-3/8" of adjustment.



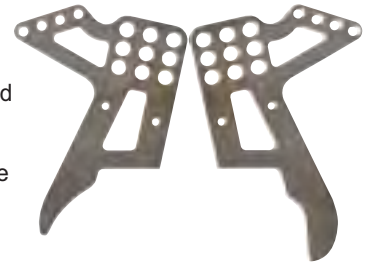
Adjustable Panhard Bar Mounting Bracket [ALL60185](#)

Bracket welds onto the rear of a 3" steel axle tube to mount a Panhard bar behind the axle housing. A machined 6" slot with a sliding retainer nut makes it possible to change roll center by adjusting Panhard bar angle with only one wrench. Bracket includes a 3" x 3/4"-10 bolt, two 5/16" wide spacers and a flat washer.



Ford 9" Upper Link Brackets [ALL60157](#)

Brackets are designed to weld to most Ford 9" style center sections. Steel brackets are 3/16" thick and provide multiple mounting locations for 90/10 shock, upper link, third link or pull bar. Sold as a set.



Ford 9" Upper Link Brackets

Ford 9" housing brackets provide a mounting point for upper link. Weld-on brackets fit standard steel Ford housings.



Part No.	Description
ALL60160	1" Dia. Holes, Sold in Pairs
ALL60166	3/4" Dia. Holes, Set of 2

Adjustable Top Link Spacer Kit [ALL60178](#)

Kit includes two adjustable spacers to place on each side of your top link, pull bar or third link. Aluminum spacers feature a threaded body that may be adjusted as needed to locate top link between mounting brackets. Spacers are designed for 3/4" hardware and adjust from 1-3/4" to 2-1/2" wide.



Quick-Change Upper Link Brackets

[ALL60152](#)

1/4" thick aluminum bracket with 3/4" x 3" slot bolts to top of quick-change to accept upper link. Sold in pairs.

[ALL60150](#)

Bracket attaches to top of quick-change and accepts upper link. Steel bracket has three 3/4" holes, 3" to the rear for forward traction. Sold in pairs.

[ALL60156](#)

Bracket attaches to top of most quick-change rear end center sections. Steel bracket is 3/16" thick and provides multiple mounting locations for 90/10 shock, upper link, third link, or pull bar. Sold in pairs.





SUSPENSION

Upper Link Spacer Kits

Kits with multiple spacers allow the top link to be positioned wherever needed between brackets. Spacers have a 3/4" I.D. hole. Kits include bolt, nut, and spacers.

Part No.	Description
ALL60148	Spacer Kit with Steel Spacers
ALL60158	Spacer Kit with Aluminum Spacers



90/10 Spacer Kits

Kits with multiple spacers allow positioning of the 90/10 shock wherever needed between brackets. Spacers have a .500" I.D. hole. Kits include bolt, nut, and spacers.

Part No.	Description
ALL60149	Spacer Kit with Steel Spacers
ALL60159	Spacer Kit with Aluminum Spacers



Upper Link Chassis Brackets

Weld-on brackets have curved 3/4" slots to maintain pinion angle as the 3rd link is raised or lowered. Both brackets are notched for 1-3/4" round tubing and are 3/16" thick.

Part No.	Description
ALL60065	Short
ALL60066	Long



Spring/Bushing-Style Pull Bar (Dual Shaft) ALL56368

Torque link uses a coil spring to absorb engine torque and increase traction to rear tires. The dual shaft design allows engine torque and brake bushings to be adjusted separately. Unit comes with two purple (60 durometer) engine torque bushings and one red (87 durometer) brake bushing. Other bushings are available for additional tuning options. Unit requires a 5" O.D. x 6-5/8" or 7" tall coil spring, sold separately. Unit is 17" long overall and most commonly used with two 3/4"-16 rod ends (1-RH Female and 1-LH Male) and a 3/4" suspension tube. Subtract 20" from center-to-center of the chassis mounting distance to determine required tube length. 9.3 lbs. without spring.



Spring/Bushing Style Pull Bar (Single Shaft) ALL56366

Torque link uses a combination of coil spring and poly bushings to absorb engine torque and increase traction to rear tires. Ideal for the experienced driver and a car with radical suspension travel. Torque link comes standard with two yellow (75 durometer) poly bushings on the engine torque side and a single red (87 durometer) poly brake bushing. Other bushings are available for additional tuning options. Unit requires a 5" O.D. x 6-5/8" or 7" tall coil spring, sold separately. Unit is 16" long overall and most commonly used with two 3/4"-16 rod ends (1-RH Male and 1-LH Male) and a 3/4" suspension tube. Subtract 19" from center-to-center of the chassis mounting distance to determine required tube length. 8.5 lbs. without spring.



Spring-Style Pull Bar (Dual Shaft) ALL56367

Torque link uses a coil spring to absorb engine torque and increase traction to rear tires. The dual shaft design allows engine torque and brake bushings to be adjusted separately. A single red (87 durometer) poly bushing is included. Other bushings are available for additional tuning options. Unit requires a 5" O.D. x 6-5/8" or 7" tall coil spring, sold separately. Unit is 18-1/2" long overall and most commonly used with two 3/4"-16 rod ends (1-RH Female and 1-LH Male) and a 3/4" suspension tube. Subtract 21-1/2" from center-to-center of the chassis mounting distance to determine required tube length. 8.5 lbs. without spring.



Small Bushing-Style Pull Bar (Dual Shaft) ALL56362

Small bushing torque link features a reduced diameter (only 3-1/2") for more compact applications and utilizes energy-absorbing polyurethane bushings to absorb engine torque and increase traction to rear tires. Pull bar includes three blue (80 durometer) and two red (87 durometer) poly bushing on the engine torque side. This bushing combination works similar to a progressive spring; the softer bushings collapse at a faster rate than the harder bushings until the unit is solely working on the hardest bushing. A single red (87 durometer) poly brake bushing is also included. The dual-shaft design allows engine torque and brake bushings to be adjusted separately. Unit is 19" long overall and only weighs 8 lbs. Subtract 22" from center-to-center of the chassis mounting distance to determine required tube length.



Bushing-Style Pull Bar (Dual Shaft) ALL56365

Torque link uses energy absorbing polyurethane bushings to absorb engine torque and increase traction to rear tires. Includes one blue (80 durometer) and one yellow (75 durometer) poly bushings on the engine torque side and a single red (87 durometer) poly brake bushing. These durometers work well for a majority of racers, especially those running open class mods such as UMP and USMTS cars. Other bushings are available for unlimited tuning options. Unit is 19-1/2" long overall and most commonly used with two 3/4"-16 rod ends (1-RH Female and 1-LH Male) and a 3/4" suspension tube. Subtract 22-1/2" from center to center of the chassis mounting distance to determine required tube length. 11 lbs.



Bushing-Style Pull Bar (Single Shaft) ALL56364

Torque link uses energy-absorbing polyurethane bushings to absorb engine torque and increase traction to rear tires. Includes two blue (80 durometer) poly bushings on the engine torque side and a single red (87 durometer) poly brake bushing. These durometers work well for a majority of racers, especially those running open class mods such as UMP and USMTS cars. Other bushings are available for unlimited tuning options. Unit is 15-1/2" long overall and most commonly used with two 3/4"-16 rod ends (1-RH Male and 1-LH Male) and a 3/4" suspension tube. Subtract 18-1/2" from center-to-center of the chassis mounting distance to determine required tube length. 9.23 lbs.





SUSPENSION

Third Link Assembly without Bushings [ALL56390](#)

Designed to increase traction to the rear tires, third link assembly uses interchangeable polyurethane bushings (sold separately, two required) to absorb energy under acceleration and braking. Bushings can be quickly changed to adjust to changing track conditions. Assembly is 2-1/4" wide x 3" tall and has a 3/4"-16 RH chrome moly stud for attaching a suspension tube. 3/4" I.D. inner steel bushings are stepped to keep link centered in poly bushings. A good starting point is a 70 durometer acceleration bushing and 90 durometer brake bushing.



Part No.	Description
ALL56391	Half Bushing Green, 50 Durometer
ALL56392	Half Bushing Orange, 60 Durometer
ALL56393	Half Bushing Yellow, 70 Durometer
ALL56394	Half Bushing Blue, 80 Durometer
ALL56395	Half Bushing Red, 90 Durometer

Torque Absorber [ALL56165](#)

Steel torque absorber may be used as the upper third link, right rear trailing arm, or Panhard bar to increase traction. Measures 7-1/2" between jam nuts and 10-3/8" end to end. Accepts 3/4" rod ends or suspension tubes.



Upper Third Links

Aluminum spring-loaded torque absorbers replace the upper solid link on the rear suspension for extra traction off the corner. Order 3/4" rod ends separately.



Part No.	Description
ALL56169	Unit with 1,000-lb. Red Spring
ALL56171	Unit with 1,600-lb. Gold Spring

Poly Bushings

Poly bushings are designed for racing and work great in pull bars (torque links) and bump stops. Bushings' progressive rate start softly and quickly "ramp up." Bushings provide excellent performance when loaded, offering good abrasion and solvent resistance. Sold each.



Part No.	Color	Hardness	O.D.	I.D.	Height
ALL56369	Green	50	2.25"	.75"	1.06"
ALL56370	Purple	60	2.25"	.75"	1.06"
ALL56372	Yellow	75	2.25"	.75"	1.06"
ALL56373	Blue	80	2.25"	.75"	1.06"
ALL56374	Red	87	2.25"	.75"	1.06"
ALL56375	Orange	55	3.375"	.75"	2.50"
ALL56376	Yellow	75	3.375"	.75"	2.50"
ALL56378	Blue	80	3.375"	.75"	2.50"
ALL56379	Red	87	3.375"	.75"	2.50"

Bushing Washers

Required between poly bushings when stacking for optimum performance.

Part No.	Description
ALL99178	Steel Washer for 2-1/4" Bushings
ALL99179	Aluminum Washer for 2-1/4" Bushings



Rubber Bushings

Bushings absorb torque from rear end and may also be used as replacement in other applications. Sold each.



Part No.	Description
ALL56161	3" O.D., 1-1/2" Tall, 5/16" Shoulder
ALL56162	3" O.D., 1-1/2" Tall, No Shoulder

Shock and Pull Bar Covers

Neoprene covers help protect from rock damage and keep components clean while preventing the competition from knowing your secrets. Hook-and-loop material allows easy cover removal for adjustments. 3" covers are often used for 2.5" and 3" coil-over shocks and small diameter upper links. 6" covers work well on 5" springs and pull bar applications.



Part No.	Description
ALL64204	3" x 14"
ALL64205	3" x 16"
ALL64206	6" x 7"
ALL64207	6" x 14"
ALL64208	6" x 16"
ALL64209	6" x 20"

Steel Suspension Tubes

Swaged D.O.M. tubes are black zinc coated. 3/4" O.D. tubes are .065" thick. 7/8" O.D. tubes are .083" thick. 1" O.D. tubes are .095" thick.



Length	1/2" Thread 3/4" O.D.	5/8" Thread 7/8" O.D.	3/4" Thread 1" O.D.
4"	ALL57052	ALL57152	—
4-1/2"	—	ALL57153	—
5"	ALL57054	ALL57154	ALL57254
5-1/2"	—	ALL57155	—
6"	ALL57056	ALL57156	ALL57256
6-1/2"	—	ALL57157	—
7"	ALL57058	ALL57158	ALL57258
7-1/2"	—	ALL57159	—
8"	ALL57060	ALL57160	ALL57260
8-1/2"	—	ALL57161	—
9"	ALL57062	ALL57162	ALL57262
10"	ALL57064	ALL57164	ALL57264
11"	ALL57066	ALL57166	ALL57266
11-1/2"	—	ALL57167	—
12"	ALL57068	ALL57168	ALL57268
12-1/2"	—	ALL57169	—
13"	ALL57070	ALL57170	ALL57270
13-1/2"	—	ALL57171	—
14"	ALL57072	ALL57172	ALL57272
14-1/2"	—	ALL57173	—
15"	ALL57074	ALL57174	ALL57274
15-1/2"	—	ALL57175	—
16"	ALL57076	ALL57176	ALL57276
17"	ALL57078	ALL57178	ALL57278
18"	ALL57080	ALL57180	ALL57280
19"	ALL57082	ALL57182	ALL57282
20"	ALL57084	ALL57184	ALL57284
21"	ALL57086	ALL57186	ALL57286
22"	ALL57088	ALL57188	ALL57288
22-1/2"	—	ALL57189	—
23"	ALL57090	ALL57190	ALL57290
23-1/2"	—	ALL57191	—
24"	ALL57092	ALL57192	ALL57292
25"	ALL57094	—	ALL57294
26"	ALL57096	—	—
27"	ALL57098	—	—
28"	ALL57099	—	—

Heavy-Duty 5/8" Suspension Tubes

Heavy-duty tubes are built from .160" wall x 7/8" O.D. 1026 D.O.M. mild steel tubing and have 5/8"-18 LH/RH threads.



Part No.	Description	Part No.	Description
ALL57350	8" Long	ALL57364	15" Long
ALL57352	9" Long	ALL57366	16" Long
ALL57354	10" Long	ALL57368	17" Long
ALL57356	11" Long	ALL57370	18" Long
ALL57358	12" Long	ALL57372	19" Long
ALL57360	13" Long	ALL57374	20" Long
ALL57362	14" Long		



SUSPENSION

Bent Steel Suspension Tubes

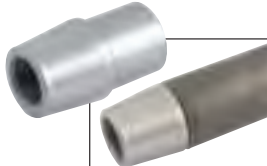
Bent tubes work in place of standard suspension tubes for additional clearance around suspension components. Tubes are constructed of .160" wall tubing with 5/8"-18LH threads on the straight 7/8" O.D. steel end and 5/8"-18RH threads on the curved end.

Part No.	Description
ALL57008	10" Long
ALL57010	11" Long
ALL57012	12" Long
ALL57013	12-1/2" Long
ALL57014	13" Long
ALL57015	13-1/2" Long
ALL57016	14" Long
ALL57017	14-1/2" Long
ALL57018	15" Long
ALL57019	15-1/2" Long
ALL57020	16" Long
ALL57021	16-1/2" Long
ALL57022	17" Long
ALL57024	18" Long
ALL57026	19" Long
ALL57028	20" Long



Threaded Tubing Ends

Chrome moly 4130 steel tubing ends are ideal for building custom length suspension tubes. Available in RH and LH threads.



Thread Size	Tubing Size	Tube End Insert O.D.	RH Part No.	LH Part No.
10-32	3/8" x .058"	.259"	ALL22500	—
5/16"-24	1/2" x .058"	.384"	ALL22504	—
3/8"-24	5/8" x .058"	.509"	ALL22508	ALL22509
3/8"-24	3/4" x .058"	.634"	ALL22512	ALL22513
1/2"-20	7/8" x .058"	.759"	ALL22518	ALL22519
1/2"-20	1" x .058"	.884"	ALL22522	ALL22523
1/2"-20	1" x .065"	.870"	ALL22526	ALL22527
1/2"-20	1-1/8" x .058"	1.00"	ALL22530	ALL22531
5/8"-18	1" x .058"	.884"	ALL22534	ALL22535
5/8"-18	1" x .095"	.810"	ALL22538	ALL22539
5/8"-18	1-1/4" x .095"	1.060"	ALL22542	ALL22543
5/8"-18	1-1/4" x .120"	1.010"	ALL22546	ALL22547
3/4"-16	1-1/4" x .065"	1.120"	ALL22548	ALL22549
3/4"-16	1-1/4" x .095"	1.060"	ALL22550	ALL22551
3/4"-16	1-1/4" x .120"	1.010"	ALL22554	ALL22555
3/4"-16	1-3/8" x .095"	1.185"	ALL22558	ALL22559

†Tube end has built-in hex for adjusting.

Smart Tool ALL10113

Ensure that chassis tubing is level and plumb when building roll cages or checking drive-shaft angles. Powered by a standard 9-volt battery.



Smart Tool Tray ALL10740

Aluminum tray is a nice addition when using Smart Tool on 7/8" and 1" O.D. trailing arms or suspension tubes. Plastic clips allow tray to snap to tube when in tight areas. A bubble level helps provide accurate readings.



Aluminum Hex Suspension Tubes

Used in steering and suspension systems, hex tubes are easy to install and easy to adjust. Available in 7/8" hex with 5/8" threads tapped RH and LH, and 1-1/8" hex with 3/4" threads tapped RH and LH, tubes are black anodized for appearance and corrosion resistance. 6061-T6 material.



Length	5/8" Thread	3/4" Thread	Length	5/8" Thread	3/4" Thread
3"	—	ALL56703	21"	ALL56621	ALL56721
4"	—	ALL56704	22"	ALL56622	ALL56722
5"	—	ALL56705	23"	—	ALL56723
6"	—	ALL56706	24"	—	ALL56724
7"	ALL56607	ALL56707	25"	—	ALL56725
8"	ALL56608	ALL56708	26"	—	ALL56726
9"	ALL56609	ALL56709	27"	—	ALL56727
10"	ALL56610	ALL56710	28"	—	ALL56728
11"	ALL56611	ALL56711	29"	—	ALL56729
12"	ALL56612	ALL56712	30"	—	ALL56730
13"	ALL56613	ALL56713	32"	—	ALL56732
14"	ALL56614	ALL56714	34"	—	ALL56734
15"	ALL56615	ALL56715	36"	—	ALL56736
16"	ALL56616	ALL56716	38"	—	ALL56738
17"	ALL56617	ALL56717	40"	—	ALL56740
18"	ALL56618	ALL56718	42"	—	ALL56742
19"	ALL56619	ALL56719	44"	—	ALL56744
20"	ALL56620	ALL56720	20"	ALL56620	ALL56720

Unthreaded 72" Hex Suspension Tubes

Part No.	Description
ALL56672	72" x 7/8" Hex for 5/8" Rod Ends
ALL56772	72" x 1-1/8" Hex for 3/4" Rod Ends

Aluminum Suspension Tubes

Clear anodized tubes have a machined wrench flat on one end for ease of adjustment. Tubes have .156" wall thickness, are available in two diameters and a variety of lengths. The 56400 series tubes are 7/8" in diameter and both ends are tapped 5/8", one RH and LH. The 56500 series tubes are 1" in diameter and both ends are tapped 3/4", one RH and one LH. 6061-T6 aluminum.



Length	5/8" Thread	3/4" Thread	Length	5/8" Thread	3/4" Thread
5"	ALL56405	ALL56505	18"	ALL56418	ALL56518
6"	ALL56406	ALL56506	19"	ALL56419	ALL56519
7"	ALL56407	ALL56507	20"	ALL56420	ALL56520
8"	ALL56408	ALL56508	21"	ALL56421	ALL56521
9"	ALL56409	ALL56509	22"	ALL56422	ALL56522
10"	ALL56410	ALL56510	23"	—	ALL56523
11"	ALL56411	ALL56511	24"	—	ALL56524
12"	ALL56412	ALL56512	25"	—	ALL56525
13"	ALL56413	ALL56513	26"	—	ALL56526
14"	ALL56414	ALL56514	27"	—	ALL56527
15"	ALL56415	ALL56515	28"	—	ALL56528
16"	ALL56416	ALL56516	29"	—	ALL56529
17"	ALL56417	ALL56517	30"	—	ALL56530

Unthreaded 72" Suspension Tubes

72" long 6061-T6 aluminum tubes have a .156" wall.

Part No.	Description
ALL56472	7/8" O.D. Tube for 5/8" Rod Ends
ALL56572	1" O.D. Tube for 3/4" Rod Ends



SUSPENSION

Aluminum Suspension Tubes

Swaged 1-1/8" O.D. tubes are built from .156" wall tubing and have 5/8" RH and LH threads.



Length	5/8" Thread Black Anodized	5/8" Thread Polished Aluminum
10"	ALL56806-10	ALL56807-10
11"	ALL56806-11	ALL56807-11
12"	ALL56806-12	ALL56807-12
12-1/2"	ALL56806-125	ALL56807-125
13"	ALL56806-13	ALL56807-13
13-1/2"	ALL56806-135	ALL56807-135
14"	ALL56806-14	ALL56807-14
14-1/2"	ALL56806-145	ALL56807-145
15"	ALL56806-15	ALL56807-15
16"	ALL56806-16	ALL56807-16
17"	ALL56806-17	ALL56807-17
18"	ALL56806-18	ALL56807-18
18-1/2"	ALL56806-185	ALL56807-185
19"	ALL56806-19	ALL56807-19
19-1/2"	ALL56806-195	ALL56807-195
20"	ALL56806-20	ALL56807-20
20-1/2"	ALL56806-205	ALL56807-205
21"	ALL56806-21	ALL56807-21
21-1/2"	ALL56806-215	ALL56807-215
22"	ALL56806-22	ALL56807-22
22-1/2"	ALL56806-225	ALL56807-225
23"	ALL56806-23	ALL56807-23
23-1/2"	ALL56806-235	ALL56807-235
24"	ALL56806-24	ALL56807-24
24-1/2"	ALL56806-245	ALL56807-245

Rod Ends

Two-piece spherical rod ends have a pivoting steel ball and are sold each.



Bore x Thread	RH Male	LH Male	RH Female	Strength
Standard Series Steel				
1/4" x 1/4"-28	ALL58004	ALL58014	ALL58034	2,835 lbs.
5/16" x 5/16"-24	ALL58005	ALL58015	ALL58035	4,517 lbs.
3/8" x 3/8"-24	ALL58006	ALL58016	ALL58036	6,323 lbs.
1/2" x 1/2"-20	ALL58008	ALL58018	ALL58038	10,046 lbs.
5/8" x 5/8"-18	ALL58010	ALL58020	ALL58040	15,488 lbs.
3/4" x 3/4"-16	ALL58012	ALL58022	ALL58042	15,894 lbs.
3/4" x 3/4"-16†	ALL58013†	—	—	15,894 lbs.
Pro Series Steel (Moly) - Black				
1/2" x 1/2"-20	ALL58058	ALL58068	—	17,000 lbs.
1/2" x 5/8"-18	ALL58059	ALL58069	—	19,300 lbs.
5/8" x 5/8"-18	ALL58060	ALL58070	—	18,000 lbs.
3/4" x 3/4"-16	ALL58062	ALL58072	—	25,000 lbs.
Pro Series Steel (Moly) - Black (PTFE Lined)				
1/2" x 5/8"-18	ALL58079	ALL58084	—	17,650 lbs.
5/8" x 5/8"-18	ALL58080	ALL58085	—	15,200 lbs.
3/4" x 3/4"-16	ALL58082	ALL58086	—	21,400 lbs.
Aluminum - Black				
1/2" x 1/2"-20	ALL58088	ALL58098	—	7,700 lbs.
1/2" x 5/8"-18	ALL58089	ALL58099	—	15,000 lbs.

† ALL58013 has an oversized hole and is for use with steering shaft tubing.

Heavy-Duty 3/4" Chrome Moly Rod Ends

Heavy-duty or often referred to as "Aircraft Style", these 4130 chrome moly rod ends have larger bodies, making them 30% stronger than standard 3/4" rod ends. These rod ends are commonly used on Panhard bars and lower strut rods.



Length	5/8" Thread Black Anodized
ALL99314	RH Male, 3/4" x 3/4"-16
ALL99315	RH Female, 3/4" x 3/4"-16

ALL99314 ALL99315

3/4" Solid Rod End ALL58112

Solid rod ends are built using 1045 steel and are then chrome plated for added wear resistance. End has a body width of 7/8" to match the width of standard rod ends.



Bolt Center Caps ALL10678

Caps slip over the head of standard 1/2" bolts to accurately measure the center-to-center length of installed suspension tube assemblies. Machined step secures the end of a standard tape measure for easy reading of the length to the center of the opposite cap. Caps feature a built-in O-ring that allows the cap to swivel on the bolt head and keeps it from falling off. Package of 2.



Jam Nuts - Standard Hex

Allstar jam nuts have many uses. Great for locking rod ends tightly on suspension tubes or rack and pinion steering units. Package of 4, unless noted.

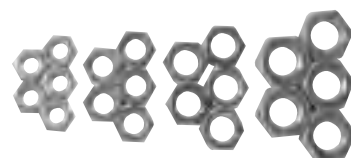
Size	Steel	Aluminum
1/4"-28 RH	ALL18250	—
1/4"-28 LH	ALL18251	—
5/16"-24 RH	ALL18252	—
5/16"-24 LH	ALL18253	—
3/8"-24RH	ALL18254	ALL18274
3/8"-24 LH	ALL18255	ALL18275
7/16"-20 RH	ALL18256	ALL18276
7/16"-20 LH	ALL18257	ALL18277
1/2"-20 RH	ALL18258	ALL18278
1/2"-20 LH	ALL18259	ALL18279
5/8"-18 RH	ALL18260	ALL18280
5/8"-18 LH	ALL18261	ALL18281
3/4"-16 RH	ALL18262	ALL18282
3/4"-16 LH	ALL18263	ALL18283
3/4"-10 RH	ALL18264†	—
7/8"-9 RH	ALL18266† (Sway Bar Adj. Nut)	—
1"-8 RH	ALL56110† (Jack Bolt Nut)	—

† Sold each.

‡ Commonly used with UBM35-1107, 3/4"-10 jack bolt.

Steel Jam Nut Assortments

Assortments contain five each of 1/4"-28, 5/16"-24, 3/8"-24, 7/16"-20, 1/2"-20, 5/8"-18, and 3/4"-16.



Part No.	Description
ALL18290	35 Asst. RH Jam Nuts
ALL18291	35 Asst. LH Jam Nuts

Jam Nuts - Small Hex

Specialty jam nuts have smaller outside diameters, allowing smaller wrenches to be used when changing radius rod lengths. Example: with 1/2" bolts, the same 3/4" wrench can be used to adjust radius rod or mounting hole locations. Package of 4.



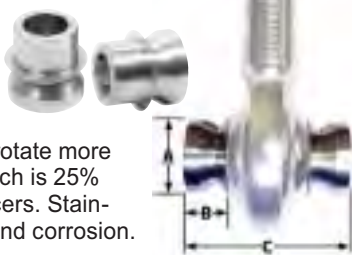
Thread Size	Wrench Size	Steel	Alum.	Black Alum.
5/8"-18 RH	3/4"	ALL18292	ALL18296	ALL18286
5/8"-18 LH	3/4"	ALL18293	ALL18297	ALL18287
3/4"-16 RH	15/16"	ALL18294	ALL18298	ALL18288
3/4"-16 LH	15/16"	ALL18295	ALL18299	ALL18289



SUSPENSION

High-Misalignment Reducer Spacers

Dual-purpose spacers reduce fastener size mounting hole and allow the rod end to rotate more than 30° in each direction, which is 25% more than most standard spacers. Stainless steel spacers resist rust and corrosion. Package of 2.



Rod End Size	I.D.	O.D. "A"	Length "B"	Overall Width "C"	Part No.
5/8"	1/2"	.750"	.465"	1.68"	ALL18785
3/4"	1/2"	.890"	.475"	1.825"	ALL18786
3/4"	5/8"	.890"	.475"	1.825"	ALL18787

5/8" Rod End Reducer Spacers

Reducer spacers fit into 5/8" rod ends, reducing the hole size for 1/2" hardware while also spacing the rod end away from chassis brackets. Standard spacers are 3/4" O.D. and flanged spacers have 1" O.D. flanges to help support rod end. Size referenced indicates the amount of space between rod end pivot ball and chassis bracket. Package of 2.



Standard Spacers

Part No.	Description
ALL18615	Aluminum, 1/2"
ALL18617	Aluminum, 1"
ALL18618	Aluminum, 1-1/4"
ALL18619	Aluminum, 1-3/4"



Flanged Spacers

Part No.	Description
ALL18611	Aluminum, 1/4"
ALL18613	Aluminum, 1/2"
ALL18610	Steel, 1/4"
ALL18612	Steel, 1/2"



Rod End Reducer Bushings

Steel bushings reduce the rod end pivot ball I.D. to accept a smaller bolt size.

O.D. to I.D.	2-Pack	10-Pack
1/2" to 3/8"	ALL18565	ALL18565-10
5/8" to 1/2"	ALL18566	ALL18566-10
3/4" to 1/2"	ALL18567	ALL18567-10
3/4" to 5/8"	ALL18568	ALL18568-10



Shock Spacers

Steel spacers have a 1/2" I.D. and 3/4" O.D. and can be used in a variety of other locations.

Length	2-Pack	10-Pack	25-Pack
1/4"	ALL64280	ALL64280-10	ALL64280-25
1/2"	ALL64282	ALL64282-10	ALL64282-25
5/8"	ALL64283	ALL64283-10	ALL64283-25
3/4"	ALL64284	ALL64284-10	ALL64284-25



MIKE ROOT

JSK IMAGES

Aluminum Flat Spacers

Flat spacers are great for shimming and adding additional clearance to brackets for brake calipers, power steering, alternators, dry sump pumps or just about anything to help with alignment issues. Package of 2.

Thickness	3/8" I.D. (11/16" O.D.)	1/2" I.D. (1" O.D.)
1/8"	ALL18740	ALL18760
1/4"	ALL18742	ALL18762
3/8"	ALL18744	ALL18764
1/2"	ALL18746	ALL18766



Tapered Spacers

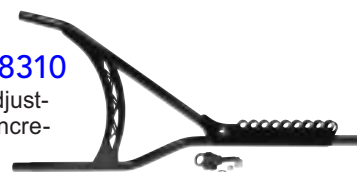
Universal spacers have many uses including spacing rod ends on linkages to prevent binding or just to provide clearance. Spacers provide a finished look when fitting body panels or spacing components away from floors and firewalls. Package of 2.



I.D.	Small O.D.	Large O.D.	Length	Steel	Aluminum
1/4"	.345	.500	1/4"	—	ALL18700
			1/2"	—	ALL18702
5/16"	.475	.625	1/4"	—	ALL18706
			1/2"	—	ALL18708
			1/4"	—	ALL18712
3/8"	.525	.680	1/2"	—	ALL18714
			1"	—	ALL18716
			1/4"	ALL18570	ALL18590
			3/8"	ALL18571	—
1/2"	.740	.995	1/2"	ALL18572	ALL18592
			3/4"	ALL18574	ALL18594
			1"	ALL18576	ALL18596
			1-1/2"	ALL18578	ALL18595
			1/4"	ALL18580	ALL18597
			1/2"	ALL18582	ALL18598
5/8"	.825	.995	3/4"	ALL18584	ALL18599
			1"	ALL18586	—
			1-1/2"	ALL18585	—
			1/2"	ALL18587	—
3/4"	.950	1.125	3/4"	ALL18588	—
			1"	ALL18589	—

Universal Lift Bar for Modifieds ALL68310

Steel lift bar has 5th coil adjustments from 26" to 34" in 1" increments and is raised 2-1/2" for additional center section frame clearance. Accepts 5/8" RH rod ends (not included).



QC Lift Bar Brackets

Brackets mount to quick change rearends and accept most popular lift bars. Package of 2.



Part No.	Description
ALL68313	Steel Lowers with 5/8" Mounting Hole
ALL68314	Steel Lowers with 5/8" Mounting Hole (3/4" Drop)
ALL68315	Steel Lowers with 3/4" Mounting Hole
ALL68316	Steel Uppers with 5/8" Mounting Hole
ALL68317	Aluminum Uppers with 5/8" Mounting Hole
ALL68318	Aluminum Uppers with 3/4" Mounting Hole

Lift Bar Retainer Clamp ALL68325

Bracket clamps around 3" axle tubes to provide a mounting point for a lift bar support rod. 1" wide bracket has angled tabs with 1/2" holes for mounting a strut rod with 1/2" rod ends.



Top View



SUSPENSION

5th Coil Mount [ALL60218](#)

1-1/2" aluminum bracket bolts in the center of the chassis to mount a 5th coil shock assembly.

6th Coil Assembly [ALL64315](#)

Unit bolts in the center of the chassis to 1-1/2" tubing and the bottom connects to the front of a lift bar using the supplied chain. Accepts a 4" tall by 2-1/2" I.D. coil over spring.

Spring not included.

Brake Floater Bracket

Steel brackets for use on the left rear suspension with GM Metric caliper.

Part No.	Description
ALL42187	Bracket with Liner
ALL42188	Bracket with 2 Bearings

Steel Bird Cages with Roller Bearings

Steel bird cages are compatible with many types of race cars using four link rear suspensions and feature double shear radius rod mounting brackets for increased strength and reduced flexing. Maintenance free sealed roller bearings provide smooth action through entire suspension range. Kits have multiple shock mounting locations with swivel and solid mounts and also include high-misalignment bushings which allow additional radius rod travel to help prevent binding under severe angles. Use with machined axle tubes.

Part No.	Description
ALL60404	LH with 3.008" Bearing
ALL60406	RH with 3.008" Bearing

Replacement Parts

Part No.	Description
ALL99330	Shock Bracket with Swivel Clevis Mount and Spacers
ALL99331	Shock Swivel Clevis with Spacers
ALL99332	Shock Clevis Spacers, 1-Pair
ALL99334	Shock Bracket with Stud Mount and Spacers
ALL72330	Bird Cage Bearing 3.004"
ALL72332	Bird Cage Bearing 3.008"

Birdcage Bearings

Replacement bearings for Allstar Performance birdcages and many other brands.

Part No.	Description
ALL72330	3.004"
ALL72332	3.008"

Bronze Birdcage Bushing [ALL72334](#)

Bronze birdcage bushing offers an alternate option when replacing birdcage bearings. Bushing is .875" wide with a 3.015" I.D. and a 3.825" O.D. Sold each.

Limit Chain Clamp, 2-Piece

Two-piece clamp bolts around most 3" O.D. axle tubes to provide a lower mounting point for a suspension limit chain. Two-piece design features a nylon liner, allowing clamp to be installed without removing existing brake brackets and hubs.

Part No.	Description
ALL68336	Steel
ALL68337	Aluminum

Limit Chain Clamp, 1-Piece

One-Piece bearing-style clamp slides over the end of most 3" O.D. axle tubes providing a lower mounting point for a suspension limit chain.

Part No.	Description
ALL68332	Steel
ALL68333	Aluminum

Retainer Clamp, 2-Piece

Retainer clamp bolts around most 3" O.D. axle tubes to keep bird cages, floater brackets, limit chain clamps in position. Two-piece design allows clamp to be installed without removing existing brake bracket and hub.

Part No.	Description
ALL68338	Steel
ALL68339	Aluminum

Retainer Clamp, 1-Piece

Steel retainer clamp slides over the end of most 3" O.D. axle tubes to keep bird cages, floater brackets, and limit chain clamps in position. Powder-coated black finish.

Part No.	Description	Width	Thickness	Mounting Hardware
ALL68326	Lightweight	1/2"	1/8"	1/4"
ALL68328	Lightweight	5/8"	1/8"	3/8"
ALL68327	Heavy-Duty	5/8"	1/4"	3/8"

Clamp-On Rings

Steel brackets bolt to 3" axle tubes. Choose from five widths in 1-, 2-, and 4-bolt designs.

Part No.	Description
ALL60143	1-Bolt, 5/8" Wide
ALL60144	2-Bolt, 1" Wide
ALL60145	2-Bolt, 1-3/4" Wide
ALL60146	2-Bolt, 2" Wide
ALL60147	4-Bolt, 3" Wide

Axle Tube Bracket [ALL68324](#)

Bracket clamps around 3" wide axle tubes to provide a mounting point for a suspension limiter such as a limiting strap or chain. 1" wide bracket has tabs with 1/2" holes.



Coil-Over Load Bolt Assembly ALL56074

Threaded aluminum bolt is 6" long with 1-1/8"-12 fine threads and is commonly used as an adjustable travel limiter. Also used with ALL56098 threaded sleeve.

Part No.	Description
ALL56075	Shock End



Suspension Limiter

Single-bushing suspension limiter is commonly used on the chassis LR or RR to limit travel during acceleration "hike up" and control roll steer. Dual-bushing limiter is often used on the lift bar to control lift bar travel on deceleration. Bushing design reduces or absorbs shock when suspension is limited and helps reduce tire unloading. Top plate is drilled to attach a 1/2" rod end when used in a shock mount or for attaching to a weight jack bolt with 7/16"-20 internal threads using optional chrome moly stud ALL64304. Clevis has a 3/8" hole for simple attachment to a chain or cable.

Part No.	Description
ALL64300	Single Bushing Limiter
ALL64302	Dual Bushing Limiter
ALL64304	Chrome Moly Stud with Jam Nut



Limiter Chain Kit

Commonly used to limit rear suspension or lift bar travel. Chain can be easily cut to required length. Shrink sleeve installs over chain, and when heated with a heat gun, shrinks to keep chain in position and prevent chain from binding or catching on itself.

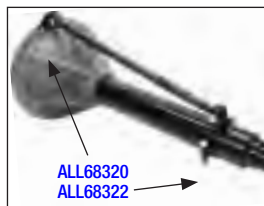
Part No.	Description
ALL64312	3/16" Diameter Accepts 3/8" Pin or Bolt
ALL64314	5/16" Diameter Accepts 1/2" Pin or Bolt



QC Axle Tube Support Brackets

Brackets provide mounting points for a strut rod assembly to help eliminate flex found in quick-change rear ends. ALL68320 attaches to the side bell bolts on most quick-change rear ends. ALL68322 has tabs with 1/2" holes and mounts directly onto a 3" axle tube.

Part No.	Description
ALL68320	Center Section Mount
ALL68322	Axle Tube Mount



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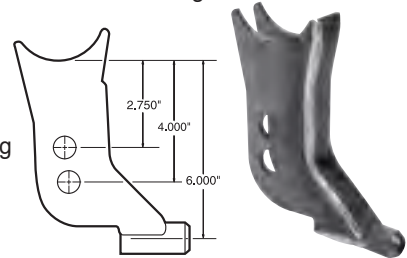
SUSPENSION

Weld-On Trailing Arm Brackets

Weld lower rear mount brackets to 3" axle tube to mount coil-overs and trailing arms. Brackets are 1/4" thick steel with 1/2" shock hole. Available with either 3/4" trailing arm holes or a 2" long slot.

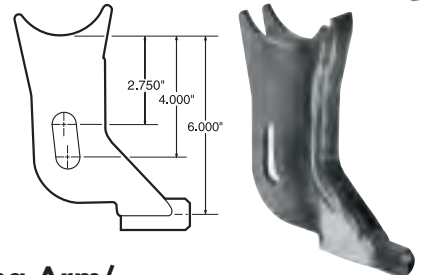
ALL60126

Bracket with two trailing arm holes.



ALL60128

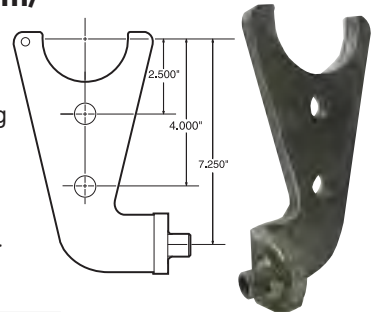
Bracket with 2" slot.



Weld-On Trailing Arm/Shock Brackets

Flame-cut 1/2" thick steel brackets weld to 3" diameter axle tube, providing mounting points for trailing arm and shock. Brackets have two 3/4"-10 threaded holes to mount trailing arm and a 1/2" diameter hole with spacer for mounting a shock.

Part No.	Description
ALL60110	LH Bracket
ALL60111	RH Bracket

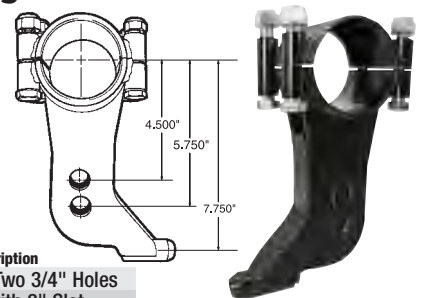


ALL60110

Clamp-On Trailing Arm Brackets

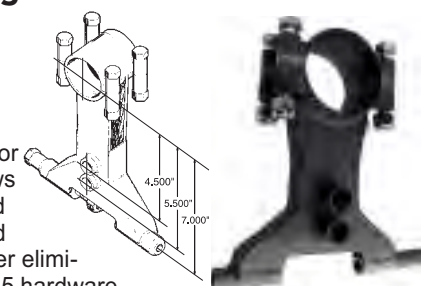
Steel brackets clamp on 3" axle tube for attachment of coil-over shocks and trailing arms. Available with two 3/4" holes or a 2" slot. Grade 5 hardware and Nyloc nuts included.

Part No.	Description
ALL60134	Bracket with Two 3/4" Holes
ALL60135	Bracket with 2" Slot



Clamp-On Trailing Arm Bracket ALL60136

Universal bracket mounts coil-over eliminator and shock next to axle and mounts trailing arm 4-1/2" below axle centerline, either inside or outside of bracket. Allows Limited Late Models and Modifieds to be changed from coil-over to coil-over eliminator and shock. Grade 5 hardware and Nyloc nuts included.

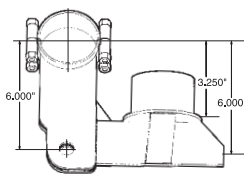




SUSPENSION

Clamp-On Trailing Arm Bracket

Steel bracket clamps on 3" axle tube to provide mounts for shock, trailing arm, and 5" O.D. coil spring. Grade 5 hardware included.



Part No.	Description
ALL60140	LH Bracket
ALL60141	RH Bracket

Clamp-On Trailing Arm Bracket ALL60138

Aluminum bracket clamps to a 3" diameter axle tube, has three 3/4"-10 mounting holes for trailing arm location and a 1/2"-13 socket head bolt with two 1/4" spacers for mounting a coil over shock. An additional locking bolt installs into the axle tube to help prevent the bracket from turning. May be used on the right- or left-hand side of housing. 3.4 lbs.

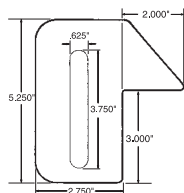


Trailing Arm Brackets

Steel brackets can be used as front mount for leaf spring or trailing arm. Assorted styles are available. Sold each.

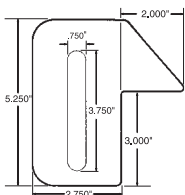
ALL60043

5/8" slot, 3/16" thick, 3-3/4" long.



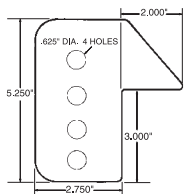
ALL60044

3/4" slot, 3/16" thick, 3-3/4" long.



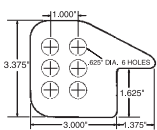
ALL60045

5/8" holes, 1/8" thick.



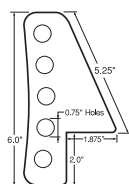
ALL60046

5/8" holes, 3/16" thick.



ALL60048

3/4" holes, 1/8" thick.



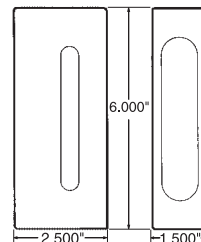
Trailing Arm Bracket ALL60042

Weld-on bracket has a curved 3/4" slot so rear end remains square as the trailing arm is raised or lowered. Notched for 2" x 3" square tubing. 1/4" thick.



Slider Boxes

Slider boxes weld to the chassis and provide an adjustable mount for trailing arms, Panhard bars and upper links. Boxes are constructed of .120" wall material and are 1-1/2" wide x 2-1/2" deep x 6" tall, with a 4" slot that provides 3" of adjustment.



Part No.	Description
ALL60186	4" x 1/2" Slot
ALL60188	4" x 3/4" Slot

Slider Box Quick Adjust Kit ALL60198

Weld-on kit adds an adjustable feature to standard 3/4" slider boxes. Slider boxes commonly used for trailing arms, Panhard bars and upper links can now be quickly adjusted with a wrench, socket or possibly a remote adjuster. 3/4"-16 threaded adjuster block features a reference indicator.



Slider Box T-Nuts

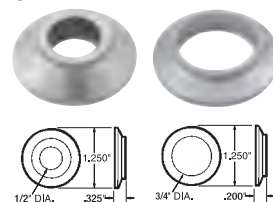
T-nuts have a tab built in to keep them from turning. No second wrench is needed to tighten or loosen. Use with ALL60186 and ALL60188 slider box. Sold each.

Part No.	Description
ALL60194	1/2"-13 (Coarse Thread)
ALL60195	1/2"-20 (Fine Thread)
ALL60196	5/8"-11 (Coarse Thread)
ALL60197	5/8"-18 (Fine Thread)
ALL60192	3/4"-10 (Coarse Thread)
ALL60193	3/4"-16 (Fine Thread)



Slider Box Rod End Spacers

Spacers are machined to work with ALL60186 and ALL60188 slider boxes, fitting between bracket and rod end to properly space rod end and prevent binding. May also be used as a standard rod end spacer. Package of 2.



Part No.	Description
ALL60187	Spacers for 1/2" Slider Box, 2-Pack
ALL60189	Spacers for 3/4" Slider Box, 2-Pack

Swing Arms

Lower rear suspension link with a 3/4" rod end on one end and threads in the other end to accept a 3/4" RH male rod end. Used on Dirt Late Models and Modifieds.



Part No.	Description
ALL56052	13-1/2"
ALL56053	15-1/2"



SUSPENSION

GM Metric Trailing Arms

New stamped steel C-channel arms are strong and sturdy. Improve handling of the rear suspension on 1978-88 GM metric chassis by replacing twisted or worn-out rear control arms. Sold each.

Part No.	Description
ALL57820	Upper, 2.6 lbs.
ALL57822	Lower, 3.6 lbs.



Adjustable GM Metric Chassis Trailing Arms

Adjustable steel 1978-88 G-body Metric upper and lower rear end trailing arms are complete with left and right 3/4" rod ends, step spacers reducing to a 1/2" hole, and cut-to-fit stock GM-type mounts. Upper arm aids in adjusting pinion angle and centering rear end. Lower arm will adjust wheel base.

Part No.	Description
ALL57824	Upper
ALL57826	Lower



Replacement Parts

Part No.	Description
ALL99320	Clevis End for ALL57824
ALL99321	Rod End Bushings, 2-Pack



GM Trailing Arm Bushing ALL56245

Direct replacement, heavy duty polyurethane bushing improves handling and traction. Fits most '65-88 Chevy Chevelle/Malibu, Buick Skylark/GS, Olds Cutlass/442 and Pontiac LeMans/GTO. Accepts 1/2" hardware.



GM Trailing Arm Bushing ALL56247

GM bushing with an elastomer bearing insert improves handling and traction while eliminating bind. Use with stock trailing arms for race or street. Fits most 1965-88 Chevy Chevelle/Malibu, Buick Skylark/GS, Olds Cutlass/442 and Pontiac LeMans/GTO. Accepts 1/2" hardware.



GM Trailing Arm Bushing with Insert ALL56248

Popular GM bushing features an interchangeable polyurethane insert which can be exchanged to increase or decrease rear steer for maximum traction. Bushing includes a 40 durometer insert. Use with stock or adjustable trailing arms. Fits most 1965-88 Chevy Chevelle/Malibu, Buick Skylark/GS, Olds Cutlass/442 and Pontiac LeMans/GTO. Accepts 1/2" hardware.

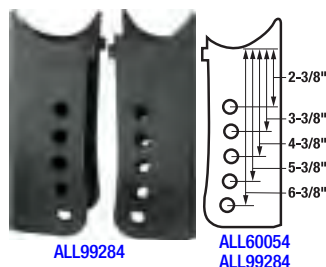


Related Parts

Part No.	Description
ALL99400	Bushing Insert 40 Durometer (Soft)
ALL99401	Bushing Insert 60 Durometer (Medium)
ALL99402	Bushing Insert 80 Durometer (Hard)

GM Metric Chassis Trailing Arm Bracket Kits

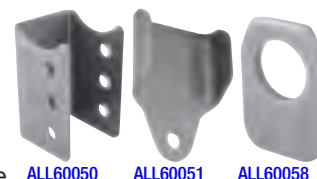
Includes rear upper and lower control arm mounts. Upper mount must be cut to desired height depending upon where housing is located in the chassis.



Part No.	Description
ALL60052	Kit with Single Hole Lower in Stock Location
ALL99282	Brackets Only, 1 Pair
ALL60053	Kit with Single Hole Lower, Lowered to Increase Traction
ALL99283	Brackets Only, 1-Pair
ALL60054	Kit with Multi-Hole Lower
ALL99284	Brackets Only, 1-Pair

Universal Trailing Arm Brackets

Brackets have three 1/2" mounting holes spaced 1-1/4" apart and may be welded to 3" axle tubes to provide three trailing arm mount locations. ALL60058 is made of 3/16" steel and welds to the top of the rear end housing, providing an attachment point for upper trailing arms.



Part No.	Description
ALL60050	Lower Bracket
ALL60051	Shock Bracket for Lower
ALL60058	Upper Bracket

Metric Upper Trailing Arm Mounts ALL60059

Mounts weld to the top of Ford 9" housing creating a mounting point for GM Metric chassis upper trailing arms. Bushings not included.





SUSPENSION

Lower Spring Cups

Steel spring cup has a 7" wide curved base that welds to the top of a 3" diameter rear end axle tube creating a flat mounting surface for 5" O.D. racing springs. Commonly used to replace OE-style "pigtail" lower spring mount. Sold each.

Part No.	Description
ALL56124	Standard Cup
ALL56123	Lightweight Cup



Leaf Spring Pad ALL56126

Steel pad welds to 3" diameter rear end axle tube when mounting rear end to most leaf springs. Pad is 2-1/2"W by 5-3/4"L and has a 5/8" center pilot hole. Sold each.



Clamp-On Lower Spring Pad ALL56127

Steel clamp-on leaf spring pad fits 3" diameter axle tubes. Pad measurements are the same as ALL56126. Sold each.



Aluminum Lowering Blocks

Easily adjust ride height on leaf spring cars. Standard and adjustable styles are available in extruded or billet aluminum. Blocks are 2-1/2"W x 5"L. Sold each.

Part No.	Height	Pin Dia.
Extruded Aluminum		
ALL56130	1"	9/16"
ALL56131	1-1/2"	9/16"
ALL56132	2"	9/16"
ALL56133	2-1/2"	9/16"
ALL56134	3"	9/16"
Billet Aluminum		
ALL56060	3/4"	5/8"
ALL56061	1"	5/8"
ALL56062	1-1/2"	5/8"
ALL56063	2"	5/8"
ALL56064	2-1/2"	5/8"
ALL56065	3"	5/8"
ALL56136*	1-1/2" Adj.	5/8"
ALL56138*	2-1/2" Adj.	5/8"

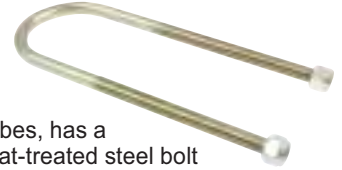


*Pins on blocks can be adjusted 1-1/4" to the front or rear of center position.

Leaf Spring U-Bolt

ALL68344

Leaf spring U-bolt fits 3" axle tubes, has a 1/2" diameter and is 10" long. Heat-treated steel bolt is sold each.



U-Bolt Pads

Universal style U-bolt pads fit 3" diameter axle tubes and leaf springs up to 2-1/2" wide using 1/2" U-bolt fasteners. Center alignment hole is 5/8" to accept most lowering blocks or spring bolts. 1/4" thick formed steel pads have a gusseted shock mount with a welded bung to accept 1/2" mounting hardware.



Part No.	Description
ALL60036	RH Pad
ALL60037	LH Pad
ALL60038	Dual Mount Pad

Leaf Spring Slider Box

ALL60034

Leaf spring slider box replaces conventional leaf spring shackles to enable effortless suspension movement and prevent binding. Box may be welded or bolted directly to chassis, and includes two nylon bushings with spring mounting hardware. Fits 2-1/2" wide Chrysler type leaf springs.



Replacement Part

Part No.	Description
ALL99055	Bushings, 2-Pack

Leaf Spring Slider Box

ALL60035

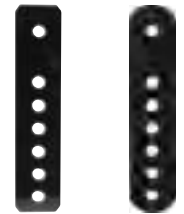
Replace rear leaf spring shackles with Allstar's leaf spring slider box. Bolt-in slider box with roller bearing design eliminates leaf spring binding, freeing up car. Fits 2-1/2" wide Chrysler type leaf springs.



Leaf Spring Shackles

6-hole brackets for mounting leaf springs are 9" L. x 2" W. and have 1/2" diameter holes spaced 1" on center. Package of 2.

Part No.	Description
ALL60055	Steel 1/4" Thick
ALL60056	Aluminum 3/8" Thick



ALL60055 ALL60056

TOOLS & PIT EQUIPMENT

Punch and Flare Tools

Add strength and a smooth finish to hole edges. Unique tools can be used to punch and flare new holes, or to flare existing holes. Starting with a small center hole, the punch halves bolt together to cut and flare at the same time.

Part No.	Description
ALL11070	1-1/2" Dia.
ALL11072	1-3/4" Dia.
ALL11074	2" Dia.
ALL11075	2-1/2" Dia.
ALL11076	2-5/8" Dia.
ALL11078	3" Dia.



Sample Punch and Flare

Tin Snips

Durable tin snips have offset blades to keep hands clear of metal while cutting. Non-slip jaws cut through sheet aluminum and up to 18-gauge low-carbon steel. Blade length 1-1/4", total tool length 9-1/4".



Part No.	Description
ALL11030	Red, Left Hand
ALL11031	Green, Right Hand

Tubing Notcher ALL10411

Notcher works with most standard hole saws to create a notch on end of round tubing for properly attaching round tubing to round tubing, often used when building roll cages, bumpers or custom chassis. Notcher features an adjustable holding fixture which automatically centers tubing to create a notch from 90-45 degrees in tubing up to 2". Notcher is commonly clamped into a bench vise or bench mounted and used with a hand drill.

Note: Hole saw used should be the size of tube accepting notched tube.

Related Items:

Part No.	Description
ALL10402	1/2"-20 to 5/8"-18 Thread Adapter

Hole Saw Set ALL10412

Use with tubing notchers. Does not include an arbor for a hand drill. Set includes one of each size: 3/4", 1", 1-1/8", 1-1/4", 1-1/2", 1-5/8" and 1-3/4".

Individual Hole Saws

Part No.	Description
ALL10413	3/4"
ALL10414	1"
ALL10415	1-1/8"
ALL10416	1-1/4"
ALL10417	1-1/2"
ALL10418	1-5/8"
ALL10419	1-3/4"

Note: Hole saws up to 1-1/8" diameter use 1/2"-20 thread, larger hole saws use 5/8"-18 thread.

Digital Levels

Digital level with magnetic base measures the angle of a single straight surface or the angle of a joint between two straight surfaces. Displayed value on the LCD screen rotates to right-side-up when digital level is in an upside down position. Powered by three 3V CR2032 batteries (included).

Part No.	Description
ALL10742	Compact Digital Level, 2" x 2" x 1"
ALL10744	Digital Level, 6" x 2.25" x 1.25"

Smart Tool ALL10113

Ensure that chassis tubing is level and plumb when building roll cages or checking driveshaft angles. Powered by a standard 9-volt battery.

Smart Tool Tray ALL10740

Aluminum tray is a nice addition when using Smart Tool on 7/8" and 1" O.D. trailing arms or suspension tubes. Plastic clips allow tray to snap to tube when in tight areas. A bubble level helps provide accurate readings.

Level Base ALL10741

Level base simplifies notching and bending of round tubing and helps ensure accuracy. Base fastens to standard ballast or weight brackets and clamps to the tube as a reference point when creating parallel, perpendicular, or any angle of opposing notches or bends during fabrication. Base accepts most digital levels including ALL10113, ALL10742, and ALL10744 or standard bubble levels.

Individual Mounting Brackets

Part No.	Description
ALL14192	1"
ALL14193	1-1/4"
ALL14194	1-3/8"
ALL14195	1-1/2"
ALL14196	1-5/8"
ALL14197	1-3/4"



ALL14195

Deburring Tool ALL11036

A fast and easy way to remove burrs from the edges of machined or cut metals. Five-piece kit includes handle, telescopic blade holder and three unique blades. Handle has built-in storage for blades. Blade holder adjusts from 1" to 5".



Body Radius Tool ALL23100

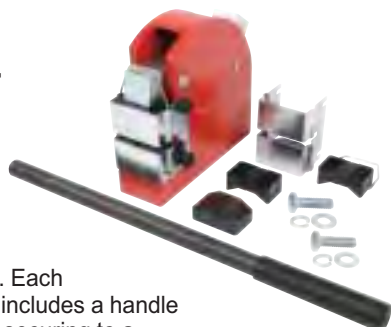
Solid oak tool can be used to flare edges of wheel openings when fabricating fenders and quarter panels out of aluminum. Tool has two different radiuses to create the correct flare for your needs.



Sheet Metal Shrinker Stretcher Combo

Make smooth radius curves and contours with Allstar's shrinker/stretcher combo. Shrinker creates inside curves and stretcher expands for outside curves. Each completely assembled tool includes a handle and mounting hardware for securing to a workbench. Tools are capable of forming 18-gauge mild steel, 16-gauge aluminum and 20-gauge stainless. Kit is great for forming fenders, radiator shrouds, or any item needing a smooth radius curve.

Part No.	Description
ALL11023	1 Base with Two Jaws
ALL11024	2 Bases with Two Jaws



Spring Steel Drill Bit ALL23115

Specially hardened drill bit is required for drilling spring steel. The 17/64" size simplifies installation of 1/4" hardware. Sold each.





TOOLS & PIT EQUIPMENT

Hammer-Type Spring Steel Punch ALL23116

Hammer-type punch places a 1/4" diameter hole 1/2" from the end of most 1" x .062" thick spring steel material. Punch features a built-in stop which positions the material for accurate hole placement. Punch needs to be placed on a hard surface (i.e. concrete floor, steel anvil, etc.) and struck lightly with a 3- to 4-lb. hammer.

Replacement Parts

Part No.	Description
ALL99013	Mandrel for ALL23116



Impact Gun Spring Steel Punch ALL23117

Impact gun-style punch places a 1/4" diameter hole 1/2" from the end of most 1" x .062" thick spring steel material. Punch features a built-in stop which positions the material for accurate hole placement. Punch may be placed in a vice or handheld and impact gun driven using a 3/4" socket.

Replacement Parts

Part No.	Description
ALL99014	Mandrel for ALL23117
ALL99173	Mandrel Bolt
ALL99174	Top Plate



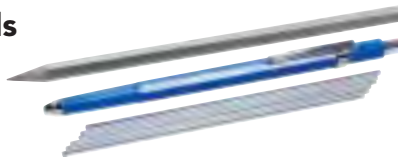
43/64" Wheel Stud Drill Bit ALL11045

43/64" bit is correct for drilling hubs or axle flanges to accept most 5/8" wheel studs with .690" knurl diameter. 1/2" shank.



Fabrication Pencils

Pencil works well for marking lines during metal layout and fabrication. Multiple uses include marking steel tubing for cutting or notching and marking patterns on painted aluminum or steel sheet metal. Silver reflective marks work best against darker surfaces during cutting or welding for high visibility. Pencil marks are resistant to torch flames and will not burn or rub off.



Part No.	Description
ALL12064	Pencil, 3-Pack
ALL12066	Mechanical Pencil, with Six Refills

Step Drill Sets

Drill multiple size holes with one bit. Drill sheet metal and aluminum without deforming or distorting. Bits start on contact, deburr, and chamfer while drilling, and do not require a center punch. Titanium nitride-coated high-speed steel. 1/4" shank.

ALL11040 (3-Piece Set)

Drill Bit	Sizes
Six Step	3/16", 1/4", 5/16", 3/8", 7/16", 1/2"
Nine Step	1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4"
Thirteen Step	1/8", 5/32", 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 13/32", 7/16", 15/32", 1/2"

ALL11041 (2-Piece Set)

Drill Bit	Sizes
Eleven Step	1/4", 25/64", 35/64", 11/16", 13/16", 7/8", 1", 1-1/8", 1-7/32", 1-1/4", 1-3/8"
Twelve Step	3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8"



3/16" Drill Bit Stop Collar ALL18217

Drill holes to specific depths quickly and easily. Steel collar with Allen set screw locks onto bit for a positive hold. Sold each.



Double-Ended Drill Bits

Double-ended bits are basically two bits in one. Convenient bit can be flipped around for a fresh sharp bit when drilling panels for Cleco fasteners or rivets. Package of 6.



Part No.	Description
ALL18201	1/8"
ALL18204	3/16"

Drill Bit for Flange Rivets 13/64" ALL18203

A common size bit for working with 3/16" flange type rivets. High-speed steel bits have black oxide finishes and self-centering tips. Flute length: 1-3/16", overall length: 2-1/4". Package of 2.



Cordless Rivet Gun ALL18212

Quickly set steel and aluminum mandrel rivets anywhere without the need of an air compressor. Kit includes 3/32", 1/8", 5/32", and 3/16" nose pieces, 3-in-1 spanner wrench, (2) 14.4-volt Li-ion batteries, charger, and plastic carrying case.



Air Rivet Gun ALL18210

Durable air riveter speeds up assembly and quickly fastens steel or aluminum rivets into various materials. Includes nose pieces for 3/32", 1/8", 5/32", and 3/16" rivets.



Deluxe Air Rivet Gun ALL18207

Heavy-duty air rivet gun can be used with steel or aluminum rivets from 3/32" to 3/16".

Replacement Part

Part No.	Description
ALL18209	Replacement Jaws for ALL18207



Hand Rivet Gun ALL18206

Includes interchangeable nosepieces for 3/32", 1/8", 5/32", and 3/16" diameter rivets.



Rivet Gun Adapter for Cordless Drill [ALL18205](#)

Adapter is for reversible cordless drills and greatly speeds up the installation of "blind" rivets commonly used when building race car bodies. Tool is a real hand and time saver compared to hand-operated rivet guns and is designed for use with all rivets up to 3/16" including 3/16" aluminum mandrel rivets but not recommended for 3/16" steel mandrel rivets. Adapter includes nosepieces for installing 3/32", 1/8", 5/32", and 3/16" rivets.



Threaded Insert Tool Kit [ALL19450](#)

Tool works with a cordless drill to install a threaded insert into a panel or bracket. Inserts are helpful when the backside of the panel is not easily accessible. Simply drill the correct size hole, install the threaded insert onto the mandrel, then place the insert into the hole and tighten using any cordless drill. Once the insert is compressed, reverse the drill and remove the mandrel from the insert. Kit includes mandrel and nosepiece for 1/4"-20, 5/16"-18, and 3/8"-16 inserts, other sizes available separately. Threaded inserts sold separately.



Replacement Parts

Part No.	Description
ALL19452	Mandrel and Nosepiece for 8-32
ALL19453	Mandrel and Nosepiece for 10-24
ALL19454	Mandrel and Nosepiece for 10-32
ALL19455	Mandrel and Nosepiece for 1/4"-20
ALL19456	Mandrel and Nosepiece for 5/16"-18
ALL19457	Mandrel and Nosepiece for 3/8"-16



Threaded Inserts

Steel inserts are helpful when the backside of the panel is not easily accessible. Inserts work great for frequently removed items including gauge panels, switch panels, access panels, and body panels, or when mounting items to trailer walls. Inserts are designed for installation using insert tool [ALL19450](#) with coordinating mandrel and nosepiece. Package of 10.



Part No.	Thread Size	Grip Range	Body Length (Before Comp.)
ALL19460	8-32	Up to .080"	.420"
ALL19461	10-24	Up to .130"	.475"
ALL19462	10-32	Up to .130"	.475"
ALL19463	1/4"-20	Up to .165"	.580"
ALL19465	5/16"-18	Up to .150"	.690"
ALL19467	3/8"-16	Up to .150"	.690"

Cleco Pin Fastener Kits

Cleco pins are reusable and easily make a temporary connection between pieces of sheet metal during fitting. Pins will work with thicknesses up to 1/4", kits include pliers and 10 pins.

Part No.	Description
ALL18221	Kit with 1/8" Pins
ALL18225	Kit with 3/16" Pins



Cleco Pliers [ALL18220](#)

Unique tool readily installs and removes Cleco fasteners.



Pin-Type Cleco Fasteners

Cleco pins permit quick, easy installation and removal of sheet metal during fitting. Pins work with thicknesses up to 1/4".

1/8" Dia. Pins

Part No.	Description
ALL18222	10-Pack
ALL18223	25-Pack
ALL18224	100-Pack



3/16" Dia. Pins

Part No.	Description
ALL18226	10-Pack
ALL18227	25-Pack
ALL18228	100-Pack

TECH TIP

Drill holes one drill size smaller than the Cleco pin size to assure a tight fit.

Clamp-Type Cleco Fastener [ALL18230](#)

Use when drilling is not an option. Smooth throat prevents paint damage, and spring exerts strong clamping pressure. Throat depth is 1" with a maximum clamping range of 1/2".



Quick-Turn Fastener Wrench [ALL19400](#)

The Allstar quick-turn fastener wrench fits slot head fasteners and reduces the risk of body panel or fastener damage when using screwdrivers for loosening or tightening. Features a non-slip handle.



Quick-Turn Spring Adjuster [ALL19405](#)

This tool is a must when adjusting tension of quick-turn springs. Simply turn knob on adjuster to evenly pull or push spring without kinking or breaking spring.



Transfer Punches

Used to mark quick-turn fastener locations. Place transfer punch in the initial hole in weld plate or body panel. Position the panel to be marked over top of punch and lightly tap with a hammer.

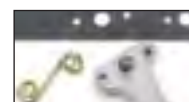
Part No.	Description
ALL19402	For 5/16" Fasteners
ALL19403	For 7/16" Fasteners



Quick-Turn Spring Fixture

Accurately drill panels when installing quick turn fastener springs. Start with a 1/4" center hole and use the fixture to locate and drill 1/8" holes for mounting the springs. Size listed is spring center-to-center distance.

Part No.	Description
ALL19406	Fixture for 3/4" Spring
ALL19407	Fixture for 1" Spring
ALL19408	Fixture for 1-3/8" Spring



Spindle Checker Tools

Assure correct alignment of the upper and lower ball joint when checking for bent spindles. Insert slugs into spindle and guide rod will fit through slugs if spindle isn't bent. Kits fit most aftermarket race and GM stock Metric spindles.

Part No.	Description
ALL11176	Kit with GM Lower, 2" Taper
ALL11177	Kit with Chrysler Lower, 1-1/2" Taper
ALL11184	Kit for GM Metric, 2" Taper

Related Parts

Part No.	Description
ALL99140	GM Lower Slug with Nut (2" Per Ft.)
ALL99141	Chrysler Lower Slug with Nut (1-1/2" Per Ft.)
ALL99158	GM Metric Lower Slug with Nut (2" Per Ft.)
ALL99142	Upper Slug with Nut (1-1/2" Per Ft.)
ALL99159	GM Metric Upper Slug with Nut (2" Per Ft.)
ALL99143	Replacement Guide Rod



Taper Reamers

Repair or enlarge tapered holes to accept tie rod ends or ball joints. Reamers may be used in a drill with a 1/2" chuck by removing the T-handle.

Part No.	Description
ALL11170	Reamer, 7.15°, 1-1/2" Taper Per Ft.
ALL11172	Reamer, 9.56°, 2" Taper Per Ft.

Taper Reamer Specifications for Ball Joints

Part No.	Taper Specs	Part No.	Taper Specs
ALL56204	1-1/2" Per Ft.	ALL56217	1-1/2" Per Ft.
ALL56206	2" Per Ft.	ALL56218	2" Per Ft.
ALL56208	2" Per Ft.	ALL56220	2" Per Ft.
ALL56210	1-1/2" Per Ft.	ALL56280	1-1/2" Per Ft.
ALL56212	2" Per Ft.	ALL56284	1-1/2" Per Ft.
ALL56214	1-1/2" Per Ft.	ALL56286	1-1/2" Per Ft.
ALL56216	1-1/2" Per Ft.		



Ball Joint Spreader Tool ALL11174

Tool separates ball joint from the spindle. Inside of cylinder is shaped to fit over tapered stud of most ball joints and presses against stud of other ball joint. Not for use on FWD or 4WD applications. Tool is 4" tall fully collapsed and 6" tall fully extended.

Related Part

Part No.	Description
ALL11175	1" Extensions (Set of two)



Taps

Tungsten steel taps are titanium coated. Economy taps are available in right-hand and left-hand threads.

Part No.	Description
ALL11060	1/4"-20 RH
ALL11061	1/4"-28 RH
ALL11062	3/8"-16 RH
ALL11063	3/8"-24 RH
ALL11064	1/2"-20 RH
ALL11065	1/2"-20 LH
ALL11066	5/8"-18 RH
ALL11067	5/8"-18 LH
ALL11068	3/4"-16 RH
ALL11069	3/4"-16 LH



NPT Taps

Alloy steel taps work well for chasing and cleaning threads before installing fittings and plugs.

Part No.	Description
ALL11056	1/8"-27NPT
ALL11057	1/4"-18NPT
ALL11058	3/8"-18NPT
ALL11059	1/2"-14NPT



Thread Files

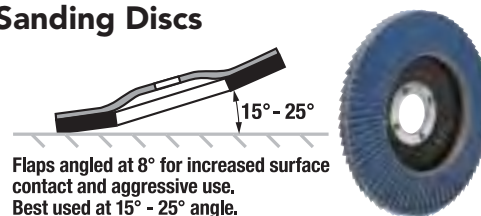
Remove burrs from damaged or rusted external threads on bolts, spindles, axle tubes, threaded shaft, pipe, and pipe fittings. Choose from three different files, each 8-1/2" long. Standard and metric sizes.

Part No.	Description
ALL11037	11-12, 13-14, 16-18, 20-24TPI
ALL11038	9-10, 12-16, 20-27, 28-32TPI
ALL11039	.80-1.00, 1.25-1.50, 1.75-2.00, 2.50-3.00mm



Flap Wheel Sanding Discs

Flap discs for 4-1/2" grinders with a 7/8" arbor quickly remove rust and other coatings from a variety of metal, stainless, and steel surfaces. Ideal for grinding welds or preparing materials for welding. Sold each.



Part No.	Description
ALL12121	60 Grit
ALL12122	80 Grit
ALL12123	120 Grit

Twist-Lock Backing Pad

ALL12100

Twist-lock backing pad accepts 2" twist-lock style cleaning or sanding discs and features a 1/4" arbor to work with most drills or 90° die grinders. Pad is rated up to 30,000 rpm.



Twist-Lock Sanding Discs

2" O.D. sanding discs are great for sanding a variety of parts and surfaces. Use with ALL12100 twist-lock backing pad (sold separately). Package of 10.

Part No.	Description
ALL12105	60 Grit
ALL12106	80 Grit
ALL12107	120 Grit



Twist-Lock Cleaning Discs

2" O.D. twist-lock discs are great for cleaning gasket material or paint from parts and surfaces. Use with ALL12100 twist-lock backing pad (sold separately). Package of 5.

Part No.	Description
ALL12101	Coarse
ALL12102	Medium
ALL12103	Fine





TOOLS & PIT EQUIPMENT

Emery Cloth Rolls

1" wide emery cloth is perfect for many uses around the shop and trailer including cleaning, deburring and polishing. 150' box.

Part No.	Description
ALL12130	60 Grit
ALL12131	120 Grit
ALL12132	180 Grit



Safety Wire Twister Pliers ALL10120

Never lose another race because of loose bolts. Rugged pliers have an end bearing for smoother, faster twisting, especially in tight areas where a second pull is needed.



Safety Wire ALL10121

Stainless steel wire is .032" dia., 1-lb. spool.



Safety Wire Drill Fixture ALL10122

Accurately drill holes in fasteners, allowing them to be mechanically locked in place with safety wire. Fixture accommodates most 3/16", 1/4", 5/16", 3/8", 7/16", 1/2", and 5/8" socket head and hex-head fasteners. Guide bolt tightens against fastener, holding it secure for drilling. Fixture includes two guide bolts and two 1/16" drill bits conveniently stored within the fixture.



Replacement Part

Part No.	Description
ALL99102	Replacement Drill Bits, 2-Pack

Dial Indicator with Magnetic Base ALL96414

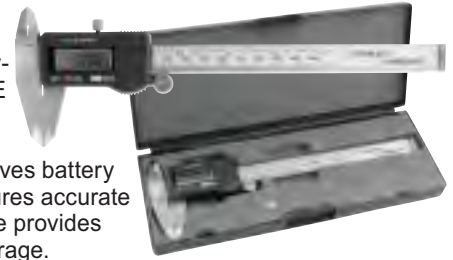
Dial indicator with magnetic base is a necessity when degreasing a camshaft, checking crankshaft end play, deck heights, dome heights, transmission end play, or ring and pinion backlash. Universal magnetic base may be mounted anywhere. Shockproof dial indicator has 1" of travel in .001" increments. Base and dial indicator may also be purchased separately.

Part No.	Description
ALL96415	Dial Indicator Only
ALL96416	Magnetic Base Only



Digital Calipers 0-6" ALL96411

Measure inside, outside and depth dimensions with easy-to-read Metric or SAE LCD display, in .001" increments up to 6". On/Off switch conserves battery and zero setting assures accurate readings. Plastic case provides additional battery storage.



Dial Caliper 0-6" ALL96410

Quality hardened stainless steel dial caliper is shockproof and capable of measuring items from .001" to 6" in increments of .001". Includes protective carrying case.



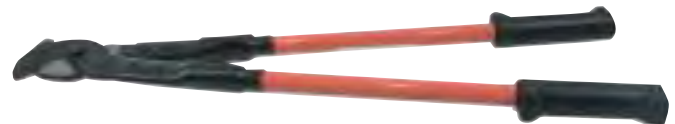
Runout Checker ALL96440

Fixture provides an easy way to check for bent torque tubes, drive shafts, torsion bars or radius rods and measures 16-1/2" overall.



Braided Hose Cutter ALL11000

Tired of the jagged edges left after cutting braided hose with a hacksaw? Heavy-duty hose cutter makes clean, snag-free cuts every time. 1-3/8" forged steel jaws will cut up to -20AN steel braided hose.



Replacement Blades ALL11002

Koul Tool Kits

If you have ever struggled while building stainless steel braided lines, the Koul Tool is for you! Insert fitting into the specially designed holder to help guide braided hose into fitting. Kits include tools, fitting adapters for most fittings, detailed assembly instructions and storage case. Not for use with PTFE-style hoses.



Part No.	Description
ALL11080	Koul Tool Kit -4AN to -8AN
ALL11081	Koul Tool Kit -6AN to -10AN
ALL11082	Koul Tool Kit -10AN to -16AN
ALL11083	Koul Tool Kit -4AN to -16AN
ALL11085	-6AN Kit
ALL11086	-8AN Kit
ALL11087	-10AN Kit



TOOLS & PIT EQUIPMENT

Pistol Grip Grease Gun ALL14300

Quality gun has comfort grip handle for easy, one-hand operation. Gun accepts a standard 14-oz. grease cartridge, features an air bleeder valve to eliminate air lock, and includes a flexible 12" long fill hose.



Grease Gun Tips

Tips reach to grease fittings in tight areas, such as U-joints, and may also be used to grease the ball spline unit on Bert transmissions. The 2" tip replaces the standard end on most guns with 1/8"NPT. Quick release 4" tip includes a small and large sleeve to fit standard couplers. Tips are for hand-operated grease guns only.



Part No.	Description
ALL14305	2" Grease Gun Tip
ALL14306	4" Grease Gun Tip

Tubing Cutters

Cut plastic, aluminum, copper, or steel tubing without distorting or crushing. Standard cutter works with tubing from 1/8" up to 1-1/8" and has wide rollers for even tracking of cutter wheel, built-in reamer for cleaning inside of tubing and an extra cutting wheel. Mini cutter can cut tubing from 1/8" to 5/8" in tight areas.



Part No.	Description
ALL11010	Mini
ALL11011	Standard

Double Flare Tool ALL11015

Double flares 3/16", 1/4", 5/16", 3/8", and 1/2" steel or aluminum and .040" copper tubing at 45°, the most common flare used in custom brake and fuel lines. Includes detailed instructions and a convenient plastic storage case.



Brake Pressure Gauge ALL11020

Gauge temporarily replaces the bleeder screw in most aftermarket brake calipers with 1/4"-28 thread bleeder screws to measure brake pressure. Swivel head positions the 2-3/4" diameter gauge for easy viewing. Convenient remote bleeder can be used to evacuate air in the system for accurate readings.

Related Part

Part No.	Description
ALL11022	Adapter converts ALL11020 and other gauges with 1/4"-28 thread to 10mm-1.50 thread for use with popular GM Metric calipers.



Brake Pressure Gauge Kit ALL11026

Brake pressure gauge kit includes two gauges, allowing one gauge to be used in the front and one in the rear brake system. Compare front to rear pressures to help diagnose problems or to preset your brake bias. Gauges easily replace 1/4"-28 brake bleeders which are commonly found in most aftermarket calipers.



Brake Bleeder Bottles

Contain the mess of bleeding brakes by capturing fluid in this 16-oz. bottle with a 15" long hose which attaches to most bleeder screws. The removable cap has a built-in fitting to secure the hose during storage to help prevent spills. Choose from a steel lanyard retainer that suspends the bottle from a chassis or suspension component, or a magnet retainer to secure the bottle to a steel object such as a brake drum or rotor during bleeding. ALL11017 has a magnet retainer and a built-in one way check valve for one person brake bleeding.



Part No.	Description
ALL11019	Bottle with Lanyard
ALL11018	Bottle with Magnet
ALL11017	Bottle with Magnet and Check Valve
ALL99435	Replacement Hose

Circle Track Set Up Book ALL043



Track important chassis settings with this 4" x 5" pocket size spiral bound book. Each book has 50 carbon-backed pages perforated for easy tear off.

Circle Track Set Up Sheets ALL045

Keep detailed notes and log important information with Allstar set up sheets. Sheets have blank spaces for documenting chassis information such as caster, camber, shock settings, spring rates, tire size, and air pressures. 50 sheets per 8-1/2" x 11" tablet.





TOOLS & PIT EQUIPMENT

Engine Cradles

Engine cradles are available in standard-duty or heavy-duty, both made from black powder-coated square tubing, with provisions for mounting wheels. All cradles are for V8 engines, include Grade 5 fasteners, and may be easily disassembled for storage. Standard-duty cradles accept wheel kits with 3/8" studs. Heavy-duty cradles accept wheel kits with 1/2" studs. Wheel kits sold separately.

Standard Duty Cradles

Part No.	Description
ALL10130	SB and BB Chevy
ALL10138	GM LS Series
ALL10145*	SB Ford
ALL10147	SB Ford Modular/Coyote
ALL10150	SB Mopar
ALL10151	Hemi (5.7 and 6.1)



ALL10130



Standard-Duty Wheel Mount

Heavy Duty Cradles

Part No.	Description
ALL10132	SB and BB Chevy
ALL10139	GM LS Series
ALL10142	Oldsmobile
ALL10144	Pontiac
ALL10148*	SB Ford
ALL10149	SB Ford Modular/Coyote
ALL10152	SB Mopar
ALL10154	BB Ford
ALL10156†	BB Mopar



Heavy-Duty Wheel Mount

*Works with stock and most aftermarket blocks including Dart, World, and Ford Boss with ribbed engine mount bosses and bulged water jackets.

†Designed for most Mopar B and RB blocks. Will not work with 392 or 426 "Hemi" Engines.

Cradle Wheel Kits

Caster wheel kits may be mounted to most Allstar engine cradles or used when building projects around the shop. Kits include four caster wheels, both made from black powder-coated square tubing, with provisions for mounting wheels.



Standard Duty Caster

Casters are rated at 125 lbs. per wheel and feature a 3/8"-16 x 1-1/4" mounting stud.

Part No.	Description
ALL10162	3" Wheel Kit
ALL10163	3" Wheel Kit Locking

Heavy Duty Caster

Casters are rated at 300 lbs. per wheel and feature a 1/2"-13 x 1" mounting stud.

Part No.	Description
ALL10162	3" Wheel Kit
ALL10163	3" Wheel Kit Locking
ALL10166	5" Wheel Kit

SB/BB Chevy Economy Engine Cradle ALL10171

Cradle is great for storing or transporting engines safely. Designed to fit small and big block Chevrolet engines, cradle is fully welded from 1" square tubing and powder coated black. Cradle has provisions for mounting our standard-duty wheel kits with 3/8" wheel studs.



SB/BB Chevy Engine Cradle ALL10172

A quality cradle for small block and big block Chevrolet engines. Casters included.



SB Chevy 2-Piece Engine Stand ALL10157

2-piece engine stand constructed from 1" x 2" steel tubing is specially designed to clear most oversized dry sump oil pans with up to a 9" deep sump. Stand includes six 3/8" x 1" grade 5 bolts and accepts wheel kits with 3/8" studs.

Engine Lift Handles ALL10136

Need to move a spare motor when a cherry picker isn't the solution? These machined aluminum sure grip handles will thread into any engine block or cylinder head with 3/8"-16 coarse-thread holes. Sold as a set of 4.



Engine Lift Plate ALL10123

Ease engine swaps with the Allstar engine lift plate. Bolts to manifold in place of carburetor. Yellow zinc-coated plate fits standard Holley 4150/4160 and 4500 Dominator, Rochester Quadrajet, Carter, Motorcraft, Edelbrock, Edelbrock Q-Jet, and Carter AFB carburetors.



All-In-One Engine Lift Plate ALL10137

Engine plate has provisions to fit all GM LS engine blocks and most Holley 4150/4160 and 4500 series, Rochester Quadrajet, Edelbrock, and Carter AFB Carburetors. Plate features three lifting points for various chain positions allowing engine weight to be balanced or offset. An offset position is especially helpful when angling an engine (with transmission attached) in or out of a vehicle. Constructed of 3/16" thick zinc-plated steel.



Engine Oil Pressure Primer Tank ALL10535

Primer tank supplies initial oil to the oil pump in engines equipped with a crank-driven oil pump. Fill primer tank with engine oil, then apply compressed air to force the fluid throughout the engine via the oil pressure sender/switch port to pre-lube the entire engine including the oil pump.



Oil Filter Cutter ALL10538

Tool removes the outer shell of most spin-on style engine oil filters to inspect the filter material for contamination or debris.





TOOLS & PIT EQUIPMENT

Freeze Plug Driver Set [ALL96482](#)

Have problems installing freeze plugs? Use these plastic drivers along with a hammer or mallet for simple installation without damaging the plugs or the block. Three sizes per set: 1-1/2", 1-5/8", 1-3/4". (Size refers to size of plug)



Individual Drivers

Part No.	Description
ALL96483	1-1/2" Driver
ALL96484	1-5/8" Driver
ALL96485	1-3/4" Driver

Cam Bearing Installation Tool [ALL96470](#)



For installing cam bearings quickly and easily without damage. Shaft is steel; pilot and driver are aluminum.

LS Main Cap Removal Tool [ALL96525](#)

Quickly and easily pull main bearing caps off GM LS series V8 engines, especially those with main studs. Hook tool to the bottom of cap, press down on handles, and the balanced leverage pulls the cap out of the block with one swift motion. 26" long x 4" high.



Rod and Piston Holder [ALL96478](#)

Holder safely supports piston and connecting rod assemblies during engine teardowns or assembly. Slots are 4-3/4"L. x 1-1/2"W. to accommodate most combinations. Holder measures 24" x 12" x 9-1/2" tall and can be disassembled for storage.



Rod Guide Tool [ALL96480](#)

Plastic tool slips over 3/8" or 7/16" rod bolts to aid piston installation and eliminate the chance of rod bolts hitting crank. A must for any engine builder's toolbox.



Related Part

Part No.	Description
ALL96481	Rod Guide Tool Extensions 4.5", 1-Pair

Plastigage® Kit [ALL96475](#)

Plastigage strings are a simple and accurate way to verify crankshaft, main, and rod bearing clearances. Kit includes two green .001" to .003" and one red .002" to .006" (12" long strings), individually packaged inside calibrated sleeves. Detailed instructions are included.



Valve Spring Compressor [ALL96490](#)

Adjustable C-clamp style compressor will fit most heads including Hemi. Spring cup will fit stock springs up to 1.750" diameter and has a 1.100" "working window" for access to keepers, which may be too large for some small diameter spring/retainer combinations. Compressor has 9/16" hex for use with a wrench, ratchet, or impact. This tool will handle spring pressures in excess of 1200 lbs. without slipping off.



Feeler Gauges

Use in engine assembly to check connecting rod side clearance, piston ring end gap, spark plug gap, and valve lash. Gauges have Metric and SAE sizing designations etched in each blade. Choose straight or angled sets.



Part No.	Description
ALL96420	Straight
ALL96421	Angled

Valve Lash Wrenches

Allstar valve lash wrenches save precious time and eliminate fumbling with two separate wrenches. Available for Jesel, T&D, and other poly-lock style rocker assemblies.



Part No.	Description
ALL96400	7/16" Box Wrench, 1/8" Allen Wrench, Jesel Assemblies
ALL96401	1/2" Box Wrench, 3/16" Allen Wrench, T&D Assemblies
ALL96402	9/16" Box Wrench, 3/16" and 7/32" Allen Wrenches
ALL96403	5/8" Box Wrench, 3/16" and 7/32" Allen Wrenches

Remote Starter Switch Kit [ALL76205](#)

Kit includes a low-profile, steel-cased foot pedal with 8' cord and assorted wire ends to work with many applications. Provides hands-free engine cranking when adjusting valves.



Remote Starter Button [ALL76206](#)

Kit is very helpful for valve lash maintenance when the ignition panel can't be reached. Leads are 60" long and come complete with gator clamps to connect to starter solenoid.



Spark Plug Indexing Tool [ALL96510](#)

Indexing positions the ground strap of the spark plug properly for best piston dome clearance and unshrouds the electrode for a more even burn and possible gains of 5-15 horsepower. Works with flat gasket or taper seat 14mm spark plugs. Includes instructions.





TOOLS & PIT EQUIPMENT

Spark Plug Index Shims

Stackable shims index spark plugs at 30° intervals, up to 360°, properly positioning ground strap in cylinder head for increased power and clearance between spark plug and piston. Shims are intended for use with 14mm flat seat spark plugs only. Package of 24 shims contains (12) silver 60°, (12) black 90°, detailed instructions and dial chart.



Part No.	Description
ALL96505	Shim Kit, Standard O.D. (.800")
ALL96506*	Shim Kit, Small O.D. (.720")

* Shims are designed for close tolerance spark plug pockets such as those on cylinder heads.

Spark Plug Gap Tool ALL96515

Used to set consistent plug gap. Insert plug into holder, then put feeler gauge between ground strap and electrode. Gently turn knurled knob until feeler gauge is snug.



Spark Plug Gap Tool Kit ALL96516

Spark plug gap tool quickly and accurately gaps 14mm threaded spark plugs. Thread spark plug into tool, place the correct size feeler gauge beneath the ground strap, then tighten knob to set plug gap. Includes 17 different feeler gauge sizes .010" thru .035".



Port and Polish Kit ALL11052

Kit includes an assortment of 60, 80, and 120 grit cartridge rolls for cleaning and modifying intake and exhaust ports to match gaskets, remove casting marks, and for smoothing out runners. Two 1/4" mandrels are included with each kit.



Dykem Layout Fluid ALL12070

Apply layout fluid to the work surface to enhance visibility of scribes during fabrication. Blue fluid dries in minutes to a uniform, thin film without cracking or chipping. 4-oz. container has a built-in brush under cap. Not intended for use in set-up of ring and pinion gear sets.



Flywheel Locking Tool SB/BB Chevy ALL96426

Place flywheel locking tool onto rear block dowel pins to prevent the flywheel from turning while tightening or loosening balancer bolts, flywheel bolts, clutch/pressure plate bolts, or cam gear bolts. Locking tool works with 153- or 168-tooth flywheels and flexplates.



SB Chevy Crank Socket ALL96424

Steel socket for rotating the crankshaft during engine assembly features a 1" hex and a 1/2" ratchet drive.



Compression Tester ALL96520

Tester checks cylinder compression from 0 to 300 PSI and features an air-hold valve to reset gauge. One-piece stepped brass end fitting with O-rings fits 14mm and 18mm spark plug threads. Easy-to-read 2-1/2" dial is encased in a metal housing, surrounded by an anti-shock rubber cover. A quick-release coupler connects the included 12" flexible hose to the gauge.



Pilot Bushing Install Tool ALL26115

Driver simplifies installation of pilot bushings or bearings for manual transmissions including Muncie, Saginaw, BorgWarner, T-10, and many other popular transmissions with .590" pilot shafts.



Clutch Alignment Tools

Splined, high-impact plastic tools are helpful when aligning the clutch disc on the flywheel for proper insertion of the transmission input shaft.



Part No.	Description
ALL14290	1-1/8" Diameter, 10-Spline
ALL14292	1-1/8" Diameter, 26-Spline

Flexible Magnetic Pickup Tool ALL14172

Flexible tool bends to multiple positions, extends up to 24" and has a magnetic end to quickly retrieve parts.



Telescoping Magnet ALL14173

A strong (3-pound pull), telescoping magnet that will retrieve dropped tools or fasteners. Tool extends over 2', and retracts to just 5" to fit in a shirt pocket.



Telescoping Mirror ALL14174

A 1-1/4" multi-positional, telescoping mirror for inspecting hard-to-see areas or locating engine oil leaks. Mirror is 6-1/2" long and extends to over 19".



TONY JACKSON JR.



TOOLS & PIT EQUIPMENT

Caps and Plugs

A must for keeping debris out of lines and hoses. Ideal for keeping internal components of dry sump pumps, fuel pumps, pressure regulators, etc. clean during storage. Caps and plugs fit 37° flared fittings and straight threaded ports. Available in plastic and aluminum.



ALL50801



ALL50811



ALL50821



ALL50831

Cap	Plug	AN Size	Thread Size	No. Per Pkg.
Plastic Caps and Plugs				
ALL50801	ALL50811	-3	3/8"-24	20
ALL50802	ALL50812	-4	7/16"-20	20
ALL50803	ALL50813	-6	9/16"-18	20
ALL50804	ALL50814	-8	3/4"-16	20
ALL50805	ALL50815	-10	7/8"-14	10
ALL50806	ALL50816	-12	1-1/16"-12	10
ALL50807	ALL50817	-16	1-5/16"-12	10
ALL50808	ALL50818	-20	1-5/8"-12	5
Aluminum Caps and Plugs				
ALL50821	ALL50831	-3	3/8"-24	20
ALL50822	ALL50832	-4	7/16"-20	20
ALL50823	ALL50833	-6	9/16"-18	20
ALL50824	ALL50834	-8	3/4"-16	20
ALL50825	ALL50835	-10	7/8"-14	10
ALL50826	ALL50836	-12	1-1/16"-12	10
ALL50827	ALL50837	-16	1-5/16"-12	10

Cap and Plug Kits



Kits include five of each size, -3AN to -16AN.

Part No.	Description
ALL50800	Plastic Cap Kit
ALL50810	Plastic Plug Kit
ALL50820	Aluminum Cap Kit
ALL50830	Aluminum Plug Kit

Steel Twelve Point AN Wrenches

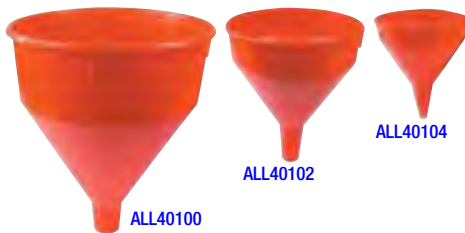
Steel twelve point AN wrenches with rubber coated handles are commonly used in tight areas such as tightening hose ends on dry sump oil pumps or fuel lines.

Part No.	Description
ALL11178	-8AN
ALL11179	-10AN
ALL11180	-12AN
ALL11181	-16AN



Funnels

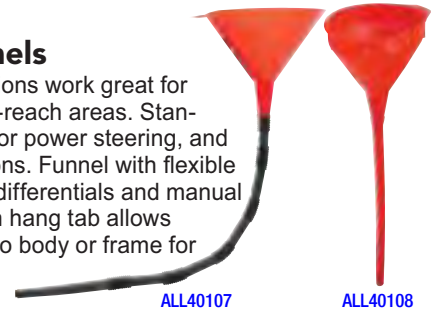
Heavy-duty plastic funnels are perfect for topping off fuel or other liquids. Available in several sizes.



Part No.	Description
ALL40100	6 Qt. Funnel with Brass Screen, Most Common Fuel Funnel
ALL40102	2 Qt. Funnel with Brass Screen
ALL40104	1 Pint Funnel with Brass Screen

Extended Funnels

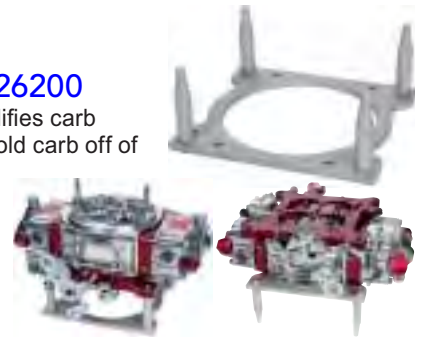
Funnels with extensions work great for filling fluids in hard-to-reach areas. Standard funnel is useful for power steering, and automatic transmissions. Funnel with flexible extension is ideal for differentials and manual transmissions. Built-in hang tab allows funnel to be secured to body or frame for hands-free filling.



Part No.	Description
ALL40107	1 Pint Funnel with Flexible Extension
ALL40108	1 Pint Extended Funnel

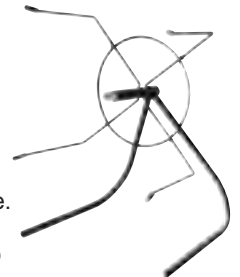
Carb Stand ALL26200

Aluminum stand simplifies carb maintenance and will hold carb off of work-bench surface. Works with Edelbrock, Quadrajet, and Holley 2- and 4-barrel carbs (except 4500 series).



Filter Cleaning Station ALL26009

Filter cleaning station simplifies and speeds up the process of servicing 14" washable air filters. Spray air filter with a cleaner/degreaser as recommended by filter manufacturer, allow a brief time to soak, then rinse clean with a garden hose. Allow filter to dry completely, rotating as necessary. Once filter is dry, use stand to rotate filter for even application of filter oil, if applicable. For use with washable filter elements only (sold separately).



Carb Hats

Carburetor hats are ideal to cover open carbs and prevent debris from falling into the engine while working in garage or pit area while the air cleaner is removed. 2-1/2" tall carb hats are designed to fit most carbs or throttle bodies with a 5-1/8" diameter neck.



Part No.	Description
ALL26040	Plastic Carb Hat
ALL26042	Plastic Carb Hat with Screen, Use When Adjusting Valves
ALL26043	Aluminum Carb Hat, Standard Spun Aluminum
ALL26044	Aluminum Carb Hat, Deluxe Machined Aluminum with Sealing O-Ring

Note: Hats will not clear choke linkage or shaft on Holley-style carbs but will clear choke horn with choke linkage and shaft removed.



TOOLS & PIT EQUIPMENT

Aluminum AN Fitting Wrench Set

ALL11100

Five-piece, aluminum wrench set for use with aluminum AN-style, braided hose fittings manufactured by Aeroquip, Earl's, etc. Sizes included are -6AN, -8AN, -10AN, -12AN, and -16AN. Each wrench is finished in different color anodizing for easy identification. Also sold each.



Individual Wrenches

Part No.	Description
ALL11106	-6AN
ALL11108	-8AN
ALL11110	-10AN
ALL11112	-12AN
ALL11116	-16AN
ALL11118*	-20AN

*-20AN wrench not included in set.

Double-Ended Aluminum AN Fitting Wrench Set **ALL11120**



Wrenches make quick work of checking both halves of a fitting when the line is installed on the car. Won't mar fittings like steel wrenches. Wrenches are also sold individually.

Individual Double-Ended Wrenches

AN Size	Hose Wrenches (Red)	Fitting Wrenches (Blue)
-4, -6	ALL11124	ALL11126
-8, -10	ALL11128	ALL11130
-12, -16	ALL11132	ALL11134

Adjustable Aluminum Fitting Wrenches

Eliminate the guesswork of which wrench is needed to tighten, remove or check steel braided hose fittings. Aluminum wrenches prevent damage to fitting and are available in two sizes: 8" for fittings up to a -10AN, and 10" for fittings up to -20AN.

Part No.	Description
ALL11152	8"
ALL11153	10"



Drum/Barrel Pump **ALL40114**

Hand-siphon drum pump dispenses or transfers low viscosity fluids from a 55-gallon drum. Self-priming bulb delivers up to 5 gallons per minute. Compatible with gasoline, methanol and nitro methane.

Drum Pump Kit for Utility Jugs

Easily transfer low-viscosity fluids from most popular utility jugs without lifting a heavy jug by converting jug into a hand-pump unit. Kit includes a cap and hand pump to replace the original utility jug cap. Individual cap may be purchased separately when using an existing pump. Pump siphon tube will need to be cut to length depending on the size of jug used.

Part No.	Description
ALL40116	Kit for Use with Scribner Jug
ALL40117	Kit for Use with VP Jug
ALL40118	Cap Only for Use with Scribner Jug
ALL40119	Cap Only for Use with VP Jug



ALL40118 ALL40116

Primer Bottle

ALL40090

Durable plastic squeeze bottle is ideal for priming alcohol engines. Cap has an angled filler tube, with tapered tip that easily fits into the vent tube of carburetor fuel bowl. 16.9-ounce capacity.



Storage Cases

These handy storage cases help organize many items around the shop, trailer, or home such as electrical connectors, quick-turn fasteners, tire groover and siper blades, small screws, fasteners, and many more items. Curved bottom compartments create a smooth scoop, making it easy to remove the smallest of items. Molded-in dividers prevent items from slipping under dividers and accidentally mixing product.



ALL14360	ALL14361	ALL14365	ALL14366
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Part No.	Description
ALL14360	Plastic, 15 Compartment, 11" x 7" x 1-3/4"
ALL14361	Plastic, 18 Compartment, 11" x 7" x 1-3/4"
ALL14365	Metal, 21 Compartment, 9-1/2" x 13-1/2" x 2"
ALL14366	Metal, 24 Compartment, 9-1/2" x 13-1/2" x 2"

Test Light **ALL76215**

Quickly diagnose electrical problems by testing for current in electrical circuits, relays, switches, or fuses. Handheld test light has a 36" lead wire with an insulated clip which fastens to a common ground and a sharp piercing point to probe insulated wire or terminals. Indicator light illuminates identifying powered circuits in 6-12V systems.



Weather Pack Terminal Tool

ALL76264

Tool removes male and female pin terminals from Weather Pack connectors without damage.





TOOLS & PIT EQUIPMENT

Weather Pack Pliers

ALL76221

Weather Pack pliers will crimp most popular 10-22 gauge non-insulated terminals. 8" overall length.



Impact Crimper **ALL76135**

Excellent for permanently crimping standard cable ends to battery cables.



Wire and Cable Cutters **ALL11003**

Capable of cutting copper stranded wire from 20-gauge primary wire to 1/0-gauge battery cable. These specially designed cutters will not flatten wire during cutting, which is helpful when installing connectors and building battery cables. Cutters are not designed to cut steel wire.



Ratcheting Crimp Pliers **ALL76220**

Perform professional quality crimps on most standard electrical connectors. Pliers include jaws for 22-18, 16-14 and 12-10 gauge connectors and are easily compressed with help from the ratcheting mechanism which releases when connector is fully crimped.



Nylon Tie-Wraps

Secure electrical wiring, gauge lines, and roll bar padding. 100 per bag. Available in black, natural, red, blue, yellow, and purple nylon.

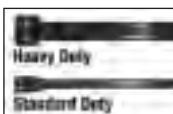
Part No.	Description	Part No.	Description
Black		Blue	
ALL14120	3-3/4"	ALL14128	7-1/4"
ALL14122	6"	ALL14129	14-1/4"
ALL14123	7-1/4"	Yellow	
ALL14124	11-1/4"	ALL14136	7-1/4"
ALL14125	14-1/4"	ALL14137	14-1/4"
Natural		Purple	
ALL14130	3-3/4"	ALL14138	7-1/4"
ALL14132	6"	ALL14139	14-1/4"
ALL14133	7-1/4"	ALL14133	7-1/4"
ALL14134	11-1/4"		
ALL14135	14-1/4"		
Red			
ALL14126	7-1/4"		
ALL14127	14-1/4"		



Heavy-Duty Nylon Tie-Wraps

Heavy duty black nylon ties are ideal for emergency repairs and applications that require a secure attachment.

Part No.	Description
ALL14380	8", 25-Pack
ALL14381	14", 25-Pack
ALL14383	21", 10-Pack
ALL14385	36", 10-Pack



Nylon Flush Fit Tie-Wraps

Flush fit design ties have the excess portion of the tie exit in the same direction as the original tie, helping to eliminate the left-on protruding sharp portion found in standard ties. Package of 100.

Part No.	Description
ALL14395	8" Long
ALL14396	11" Long



Nylon Tie-Wraps with Mounting Holes

Built-in tab with mounting hole to easily secure wiring harnesses, hoses, or cables to a panel with rivets or other fasteners. Package of 25.

Part No.	Description
ALL14390	8" with #10 Hole
ALL14391	11" with #10 Hole
ALL14392	14" with 1/4" Hole



Tie-Wrap Tool **ALL11005**

Tired of cuts from nylon tie-wraps that have been trimmed with standard wire cutters? This tool does a great job of drawing nylon ties tight around bundles of wires or cables in tight areas and easily cuts flush with a twist of the wrist. ABS constructed tool has steel cutting blades and works with common size nylon wire-ties.



Tie-Wrap Mounting Bases

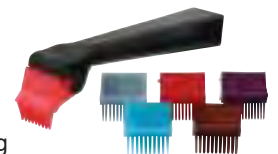
Self-adhesive mounting bases provide a location for attaching standard tie-wraps to secure wiring, cables, and hoses. Bases mount to clean flat surfaces and accept 75# and smaller wire ties. Package of 10.

Part No.	Description
ALL14116	3/4" x 3/4" Mounting Base
ALL14117	1-1/8" x 1-1/8" Mounting Base



Radiator Fin Tool Kit **ALL10680**

Hand-held tool straightens and repairs damaged fins in most radiators, coolers, and air conditioning condensers. Repairing damaged fins provides better airflow through core, increasing cooling ability. Six interchangeable heads: 13, 15, 16, 17, 18, and 20 fins per inch.



Blower Fan **ALL30002**

Compact, 115V, 2.3 amps plastic blower moves up to 300 CFM of air. The quiet electric blower can be adjusted to move cooling air wherever it's needed, up to 30 ft. away. Weighs just 8 lbs. with two built-in receptacles and a 12' long power cord. Optional 5300 BTU heater accessory (sold separately) attaches to front of blower and plugs into one of the receptacles to transform blower into a heater. Heater with blower unit draws 11.7 amps.



Related Part

Part No.	Description
ALL30003	Blower Fan Heater Accessory, 3 lbs.

Wall-Mount Radiator Holder Kit **ALL12216**

Brackets fasten to trailer wall and hold radiator safely in place during transport to avoid damage. Kit includes two 29" long aluminum brackets with adjustment holes at 2" increments and arms to fit radiator cores up to 2-1/4" wide. Adjustable arms are slotted for quick adjustment with included thumbscrew knobs to fit a variety of radiator heights.





TOOLS & PIT EQUIPMENT

Safety Glasses

ALL10258

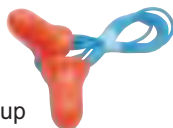
Comfortable, lightweight, general-purpose safety glasses have a clear wrap around lens for maximum visibility. ANSI-Z87.1 rated.



Reusable Corded Earplugs

ALL12000

Corded earplugs fit instantly without rolling or squeezing. Made of a soft material that cleans up easily in warm, soapy water.



Nitrile Gloves

Nitrile gloves protect against dirt and grime and help prevent oil and harsh chemicals from contacting the skin. Gloves are latex and powder free to keep from irritating skin. General-purpose gloves are great for light-duty uses that are not exposed to chemicals. Chemical-resistant gloves work well for general purpose as well as jobs that involve oil, fuel, brake fluid, and most cleaning chemicals such as brake and carb cleaners. Package of 100.

General Purpose (Blue)

Part No.	Description
ALL12020	Medium
ALL12021	Large
ALL12022	X-Large



Chemical Resistant (Black)

Part No.	Description
ALL12024	Medium
ALL12025	Large
ALL12026	X-Large
ALL12027	XX-Large



Allstar Gloves

General-purpose gloves protect hands from everyday abuse in the shop or at the racetrack. Lightweight, elastic-weave material with reinforced palm and fingers allows mobility and unrestricted use.

Part No.	Description
ALL99940	Medium
ALL99941	Large
ALL99942	X-Large



Allstar Apron **ALL99962**

Black cloth apron has pockets to keep tools close at hand. Reverse apron to place pockets on the inside when grinding tires. Adjustable strap allows one size to fit all.



Deluxe Aluminum Mud Scraper **ALL44165**



Remove the stickiest mud and clay without damaging paint or decals. Lightweight and 32" long to reach wings, deck lids, and undercarriage. Use the convenient hole in end to hang scraper.

Pressurized Sprayers

Sprayers are great for applying bulk cleaners, degreasers, solvents, penetrating oils, and other lubricants. Sprayers have a capacity of 32 ounces. Versatile nozzle adjusts from mist to a stream.



Part No.	Description
ALL10516	Black
ALL10518	Chrome

Racer's Tape

A hundred uses in the shop or at the track, this is true "Racer's Tape".



Part No.	Description	Part No.	Description
1" Wide x 90'		2" Wide x 180'	
ALL14140	Silver	ALL14156	Orange
ALL14141	Black	ALL14157	Green
2" Wide x 180'		ALL14158	Burgundy
ALL14150	Silver	ALL14159	Purple
ALL14151	White	ALL14162	Teal
ALL14152	Red	3" Wide x 180'	
ALL14153	Black	ALL14142	White
ALL14154	Yellow	ALL14143	Black
ALL14155	Blue	ALL14155	Blue

Gaffer's Tape

Vinyl-coated gaffer's tape has a dull appearance and is much stronger than standard racer tape.



2" Wide x 165'

Part No.	Description
ALL14251	White
ALL14252	Red
ALL14253	Black
ALL14254	Yellow
ALL14255	Navy Blue

1" Wide x 150'

Part No.	Description
ALL14245	Fluorescent Green
ALL14246	Fluorescent Pink
ALL14247	Fluorescent Orange
ALL14248	Fluorescent Yellow

2" Wide x 45'

Part No.	Description
ALL14145	Fluorescent Green
ALL14146	Fluorescent Pink
ALL14147	Fluorescent Orange
ALL14148	Fluorescent Yellow

4" Wide x 165'

Part No.	Description
ALL14261	White
ALL14263	Black



Non-Skid Tape

Heavy-duty, non-skid tape is long lasting and may be used in the race car, shop, or trailer. Tape will handle temperatures up to 220°F.

Part No.	Description
ALL14175	2" x 10'
ALL14165	4" x 10'



Black and White Checkered Tape **ALL14149**

Checkered tape has many uses such as signs, displays, race cars, trailers, etc. Rolls are 2" W and 45' L.

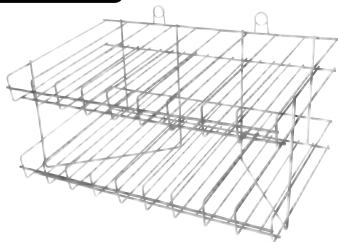




TOOLS & PIT EQUIPMENT

Tape Display Rack ALL050

Two-tier rack's top row holds 180° rolls; the bottom holds 45° or 90° rolls. Tape sold separately.



Air Box Tape

Metallized tape has special adhesives to secure and seal panels. Designed specifically for sealing air boxes and other high-heat areas. Rolls are 2" W and 180' L.

Part No.	Description
ALL14270	Silver
ALL14272	Black



Reflective Tape

Reflective tape is weather- and solvent- resistant for outdoor use on the side and rear of trailers. Can also be used on safety equipment, motorcycles, farm equipment, and large trucks. Material is manufactured with the correct required DOT certification markings. 6" Red/6" White pattern. Rolls are 2" W x 50' L.

Part No.	Description
ALL14240	Triangle Pattern
ALL14242	Diamond Plate Pattern



ALL14240



ALL14242

Surface Guard Tape

Clear protective polyurethane tape can be applied directly over painted surfaces or decals to help prevent scratching, chipping, or other damage. Use on wheel well openings, rocker panels, headlight decals, door edges, or anywhere added protection may be required. Tape is 8 mil thick and provides excellent resistance to ultraviolet light. Will not yellow over time.

Part No.	Description
ALL14275	2" x 30'
ALL14276	3" x 30'
ALL14277	4" x 30'



Shipping Tape

Seal shipping boxes and boxes of spare parts.

Part No.	Description
ALL14160	Clear 2" x 330' Roll
ALL14161	Tan 2" x 330' Roll



Tape Gun ALL14163

Use with shipping tape.

Masking Tape

Premium masking tape is ideal for protecting areas when priming and painting. Waterproof backing is suitable for wet sanding and works with baking cycles up to 230° for 60 minutes. UV resistant.

Part No.	Description
ALL14235	3/4"
ALL14236	1-1/2"
ALL14237	2"



Electrical Tape ALL14280

Protect electrical connections and secure wires. 3/4" x 60' roll. UL approved.



Thread Sealant Tape ALL14282

PTFE tape seals threads on pipe connections. 1/2" x 21' roll.



Rescue Tape ALL14285

Rescue tape is a self-fusing silicone repair tape with many uses including sealing plumbing and hoses, insulation of wiring from up to 500° of heat, sealing electrical connections and adding extra grip to steering wheels and tool handles. Resists fuels, oils, and solvents, and will not gum up or become sticky like most other tapes. Roll is 1" wide x 12' long x 20mil thick.



Double-Sided Tape ALL14288

Double-sided tape is a suitable alternative for attaching panels or trim when standard mechanical fasteners are not an option. Tape is ideal for mounting items on trailer walls or attaching aluminum panels in enclosed trailers. Roll is 3/4" W x 15 ft. L.



Cleaning Wipes

Disposable wipes are great for cleaning hands when washing is not an option. Perfect for use after fueling vehicles, making roadside repairs or even as a pre-clean to remove stubborn grease. Durable textured wipes are pre-moistened, citrus-scented and enriched with aloe and vitamin E to deep clean and promote soft skin. Resealable package prevents product from drying out.

Part No.	Description
ALL12016	30 Ct. Pop-Up Dispenser
ALL12017	60 Ct. Pop-Up Dispenser



Scott Rags ALL12005

Multi-purpose cloth-like disposable towels are perfect for shop and trailer. 10" x 12" towels are packaged in a 200-ct. box with pop-up dispenser. Mount to shop or trailer wall with ALL12220.



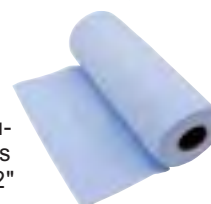
Rags-in-a-Box Holder ALL12220

Keep your work bench clean and your towels within easy reach! White powder-coated steel holder fastens to your shop or trailer wall to keep your boxed shop towels up and out of the way. Works with most popular boxed towels measuring 9-1/2" x 9-1/2".



Shop Towels ALL12006

Blue shop towels are much heavier than standard paper towels and work great for numerous tasks around the shop or track. Rolls contain 60 individually perforated 11" x 9-1/2" disposable sheets.





TOOLS & PIT EQUIPMENT

Shop Towel Roll Holder ALL12219

Aluminum shop towel holder is 11" wide to hold most standard-size towel rolls. Two flip-over clips hold the towel rod in place for easy roll replacement and a weighted plate helps keep towels from unrolling when mounted to trailer or shop wall.



Towels

Soft, absorbent terry cloth towels can be used for polishing, wiping up spills, or general detailing. Shop towels belong with every tool box as well as in the shop, garage or trailer.



Part No.	Description
ALL12010	Red Shop Towels, 25-Pack
ALL12011	White Shop Towels, 25-Pack
ALL12012	White Terry Towels, 12-Pack

Microfiber Towels ALL12008

12" x 12" terry microfiber towels are great for polishing, cleaning, and many other uses around the shop or when detailing a vehicle. Different color towels keep jobs separated and help eliminate cross contamination between various polishes or cleaners. Package of 3.



Ultrasonic Cleaners

Cleaners use high-frequency sound waves to create cavitation bubbles to gently deep clean. Cleaner features a touchscreen display to regulate cleaning fluid temperature and machine run time, a stainless steel case, a basket to ease handling of parts, and a lid.



Part No.	Description
ALL10640	Small Cleaner - 1 Gallon Capacity, Unit is 13"L x 7"W x 11"H, Basket is 13"L x 7"W x 11"H, Tank depth is 5"
ALL10642	Large Cleaner - 5 Gallon Capacity, Unit is 13"L x 7"W x 11"H, Basket is 13"L x 7"W x 11"H, Tank depth is 7-1/2"
ALL10644	Cleaner Solution 1-Gallon

Cordless Drill Holders

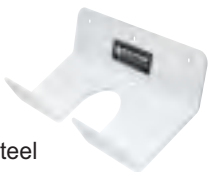
Secure to shop wall or trailer to keep frequently used cordless drills quick at hand! Holder is 6-1/2" wide and available in white or black.



Part No.	Description
ALL12202	White
ALL12203	Black

Push Broom Holder ALL12204

Stop tripping over the push broom! Handy bracket mounts to the shop or trailer wall to keep push brooms up off the floor. 9" wide steel bracket holds most standard push brooms or floor squeegees.



ALL14236

Cord Reel Bracket ALL12206

Steel bracket mounts most cord and light reels parallel to trailer walls, keeping them from protruding into the workspace while allowing cords to easily exit out the rear of the trailer. Mounting bracket is also useful when mounting reels with 3" wide hanging brackets to the side of a pit cart.



Aerosol Can Holders

Bolt to trailer or garage wall to hold cans up to 3" in diameter. Sturdy steel construction is pre-painted white.



Part No.	Description
ALL12200	Six Can Holder, 23"L x 3-1/2"D x 5-1/2"H
ALL12201	Three Can Holder, 11-1/2"L x 3-1/2"D x 5-1/2"H

Aerosol Can Tray ALL12264

Secure aluminum can tray to multiple locations in shop or trailer walls to keep frequently used chemicals neatly organized and quickly accessible. Tray measures 16" long x 3-1/2" deep with a 2-1/4" tall front lip.



Oil Bottle Trays

Trays mount to shop or trailer wall and measure 4-1/2" deep, making them perfectly sized to hold most quart oil containers. Trays are fabricated from 1/8" thick aluminum and feature a white powder-coated finish.



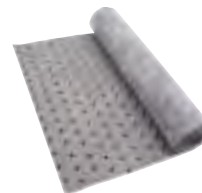
ALL12265



Part No.	Description
ALL12265	16" Long Tray
ALL12268	21" Long Tray

Absorbent Mats

A must for the workshop and trailer. These handy absorbent mats have bonded layers, allowing fluid to spread quickly through material.



15" x 60" Rolls (Perforated Every 10")

Part No.	Description
ALL12030	Universal for All Fluid Types (Oil, Coolant, Water)
ALL12031	Oil Only

100-Pack (15" x 10" Individual Sheets)

Part No.	Description
ALL12032	Universal for All Fluid Types (Oil, Coolant, Water)
ALL12033	Oil Only

Multi-Purpose Absorbent ALL12035

Organic material is a dust-free alternative when cleaning up spills. Sprinkle product on spills and sweep up. 5-lb. resealable bag.





TOOLS & PIT EQUIPMENT

Ratcheting Tie-Down Straps



Tie-downs are great for securing vehicles and pit equipment during transport. 2" x 8' long straps have heavy-duty plated hardware and a ratchet designed to hold excess strap material as it is pulled through and wrapped up during tightening. ALL10196 has a built-in axle strap with protective sleeve for wrapping around a rear end housing or chassis and then back to itself. The working load limit is the maximum load a strap should be subjected to during normal use.

Part No.	Width	Length	Hook Type	Working Load Limit
ALL10184	2"	8'	Flat	1,660 lbs.
ALL10188	2"	8'	Direct	1,660 lbs.
ALL10192	2"	8'	Twist	1,660 lbs.
ALL10196	2"	8'	Twist	1,660 lbs.

Race Car Tie-Down Package ALL10209



Includes two ALL10196 axle combo ratchet straps and two ALL10200 axle tie-back straps. Enough tie-downs to secure a car to any trailer.

Axle Straps



Axle straps or winch straps work great for wrapping around the chassis or axle tubes when securing a vehicle to the trailer or when winching a vehicle. Adjustable protective sleeve can be positioned as needed to help prevent strap damage from sharp edges. The working load limit is the maximum load a strap should be subjected to during normal use.

Part No.	Width	Length	Hook Type	Working Load Limit
ALL10200	2"	24"-40" Adj.	Twist	1,660 lbs.
ALL10203	2"	21"	Delta Ring	3,300 lbs.
ALL10204	2"	21"	D-Ring	1,660 lbs.
ALL10207	2"	33"	Delta Ring	3,300 lbs.
ALL10208	2"	33"	D-Ring	1,660 lbs.

Chassis Tie-Down Brackets ALL60075

Steel brackets weld to chassis and provide a secure mounting location to hook a tie-down strap or winch cable. Set of 2.



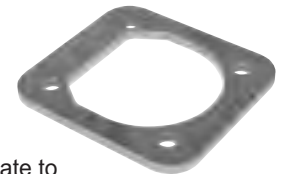
Recessed D-Ring ALL10210

Heavy-duty recessed D-Ring.



D-Ring Backing Plate ALL60074

Backing plate strengthens and reinforces the mounting area of Allstar recessed D-rings. Plate may also be used as a template when installing D-rings and is bare steel, allowing plate to be welded in place. 1/4" thick.



Ratchet Binders



Secure extra equipment in the trailer with these 1" wide binders made of heavy-duty nylon webbing. Easy, one-hand operation. Ratchet binders have a 1,000 lbs. rating.

Part No.	Description
ALL10180	Standard 8' Length
ALL10182	Heavy-Duty 16' Length

Aluminum Pit Jack

Lightweight, 3,000-lb. capacity floor jack has a low profile to roll under the lowest slung race chassis. Made of high-quality aluminum, jack incorporates a patented hydraulic system to reach maximum height of 17-1/2". Large, two-piece handle has a spring detent to lock handle halves together. Built-in stops on the jack prevent the handle from falling forward past the 12 o'clock position. Rolls easily on heavy-duty rear caster wheels. Optional dirt wing adapts jack for use in unpaved pits.

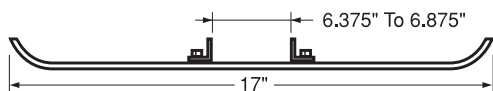
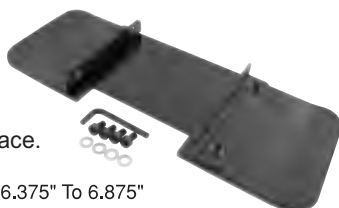


Notched Spring Cup with Removable Rubber Insert

Part No.	Description
ALL10422	3-Pump, Red
ALL10425	6-Pump, Silver

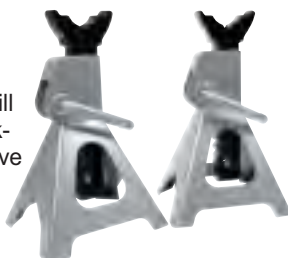
Dirt Wing for Pit Jack ALL10426

Provides a sturdy base when using the pit jack on a dirt surface.



Jack Stands ALL10124

Jack stands with unitized frame will support three tons. The ratchet locking mechanism assures safe, positive height control. Adjustable from 12-1/2" to 17-1/2". Sold in pairs.



Stack Stands ALL10254

Support stands can be stacked together to conserve valuable space in the trailer or shop. Stands are 14" tall with a sturdy 12" x 15" base and rated at 3,000 lbs. each. Sold in pairs.



Part No.	Description
ALL10254	Steel
ALL10255	Aluminum

Stack Stand Pads ALL10256

Steel reinforced rubber pads bolt to the top of our Stack Stands to help eliminate vehicle movement when located on stands. Pads measure 8-1/2" wide and include two molded-in studs with hardware for easy installation. Drilling is required to Stack Stands for installation. Sold in pairs.



Wheel Dollies

Move cars easily to make more room in garage or race shop. Dollies, in steel or aluminum, have rounded lower sections to safely cradle each tire. Steel dollies are 14-1/2" W x 23-1/2" L with standard casters for use with cars up to 4,000 lbs. Aluminum dollies are 10" W x 16" L with standard casters for cars up to 4,000 lbs. or deluxe ball-bearing swivel casters to accommodate cars up to 5,000 lbs. Deluxe casters also include one wheel brake per dolly. All dollies are sold per pair. Ratings stated are when using a combined set of four same wheel dollies.



ALL10129

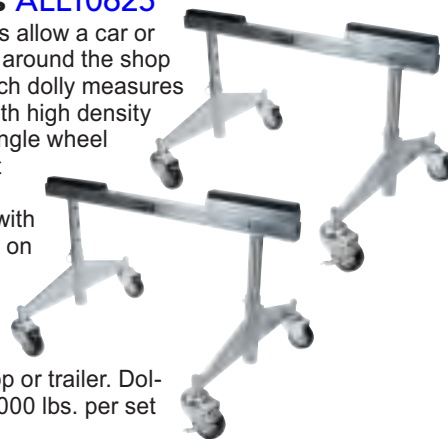


ALL10135

Part No.	Description
ALL10129	Steel, Standard Casters, for Cars up to 4,000 lbs. (Single Dolly Rating 1,000 lbs.)
ALL10134	Aluminum, Standard Casters, for Cars up to 4,000 lbs. (Single Dolly Rating 1,000 lbs.)
ALL10135	Aluminum, Deluxe Casters, for Cars up to 5,000 lbs. (Single Dolly Rating 1,250 lbs.)

Chassis Dollies ALL10625

Steel chassis dollies allow a car or chassis to be moved around the shop easily and safely. Each dolly measures 30" across the top with high density rubber pads and a single wheel brake to help prevent rolling. Dollies adjust from 13" to 19" high with a removable 1" block on one side for use on sprint cars with a raised rail chassis. Stands also collapse flat for storage in shop or trailer. Dollies are rated up to 2000 lbs. per set and sold as a pair.



Track Mats

Mats fold for easy storage and are ideal for use on asphalt, dirt, in the pits, or on the garage floor. Vinyl-covered pad measures 52" x 24" unfolded, 12" x 24" folded.



Folded

Part No.	Description
ALL10126	Black
ALL10127	Red
ALL10128	Blue



Moving Blanket ALL12013

All purpose padded moving blanket is an ideal ground cover at the track, fender/seat cover or moving/storage pad. Quilted with bound edges. 72" x 80".





TOOLS & PIT EQUIPMENT

Race Car Air Jacks

Raise your car in seconds! The Allstar Air Jack system connects to your race car with included weld-on mounting rings or with ALL11305 bolt-on mount kit (sold separately) for simplified installation. Works with a nitrogen tank, requires a high-pressure regulator and a minimum 400 PSI hose. System will support vehicles up to 3000 lbs. Dirt foot system includes lift cylinders with a large 5" base designed for use in dirt or soft pit areas.



Part No.	Description
ALL11300	Kit with 15.25" Stroke Cylinders
ALL11301	Kit with 15.25" Stroke Cylinders with Dirt Foot
ALL11302	Kit with 11.75" Stroke Cylinders

Kits Include:

4 Lift Cylinders, 4 Safety Props, Weld-On Mounting Rings, Air Coupling, Receiver, and Plumbing Kit

Replacement Parts

Part No.	Description
ALL11315	Air Jack Cylinder 11.75" Stroke
ALL11316	Air Jack Cylinder 15.25" Stroke
ALL11317	Safety Prop for 11.75" Cylinder
ALL11318	Safety Prop for 15.25" Cylinder
ALL11319	Mounting Ring Kit
ALL11320	Complete Plumbing Kit

Related Items

Part No.	Description
ALL11305	Aluminum Bolt-On Mount Kit (8 pcs.)
ALL11310	Pressure Regulator
ALL11312	Premium Hose Kit

High-Pressure Regulator ALL11310

Nitrogen tank regulator is adjustable from 10-500 PSI and is designed for use with the Allstar Air Jack kit ALL11300.



Premium Hose Kit for Air Jack System ALL11312

Premium hose kit includes 35' of 500 PSI hose and fittings to connect ALL11300 air jack system to ALL11310 regulator.

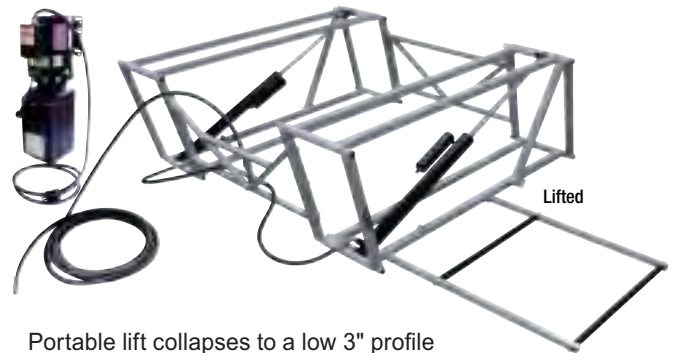


Pit Mat ALL10605

Large 10' x 20' black pit mat is made from heavy-duty vinyl and includes securing grommets.



Race Car Lift with Pump



Portable lift collapses to a low 3" profile and raises up to 17". Lift is easily positioned under race car to raise off the ground, simplifying tire changes and chassis tuning. Support up to 2,400 lbs. Complete system includes a 110VAC, 3/4HP hydraulic pump with cord and plug, hydraulic cylinders with down assist cylinders, 1" bolt on risers for cars with raised frame rails, safety struts to lock raised lift in place, assist handle, and 20' of hydraulic quick-connect hose to attach pump to lift. The pump provides power up/gravity down operation and can be mounted either horizontally or vertically, typically mounted to trailer or a hand cart. A push-button on the motor starts the unit to raise lift. To lower, a manually operated release valve is used for finger-tip control of lowering speed. Pump is compatible with hydraulic fluid, ATF, 10W30 or 10W40 oil (not included). Assembly is required, all hardware included.

Part No.	Description
ALL11270	Steel Frame Race Car Lift Kit with Pump
ALL11272	Aluminum Frame Race Car Lift Kit with Pump

Components

Part No.	Description
ALL11271	Race Car Lift Steel Frame, Only
ALL11273	Aluminum Frame Only
ALL11274	20' Hydraulic Hose
ALL11275	30' Hydraulic Hose
ALL11276	Steel Handle
ALL99275	Lifting Cylinder Left
ALL99276	Lifting Cylinder Right
ALL99277	Hose (Tee to Cylinder)
ALL11280	110V Hydraulic Pump, Only
ALL99273	Down Assist Cylinder
ALL99274	Replacement 90° Cylinder Fitting

Pit Cart Chassis ALL10600

Universal kit is a good starting point for building your own custom pit cart. Welding is required and the kit includes all the necessary components to get you off the ground with a rolling platform. Includes a pre-welded front cross-member, spin-dles, steering components, 1" x 2" steel frame tubing with main rails drilled for rear axle, pre-welded rear axle assembly, wheels, tires and a handle. Frame width is designed to be 14" and a maximum frame length of 60" with a 53" wheelbase. Frame may be shortened as needed.





TOOLS & PIT EQUIPMENT

Air Hose

3/8" rubber hose with durable outer coating is weather, oil, and solvent resistant. Maximum operating pressure is 200 PSI, burst pressure is 800 PSI. Solid brass 1/4"NPT end fittings.



Part No.	Description
ALL10526	Air Hose 25'
ALL10527	Air Hose 50'

Nitrogen Bottle Holder

ALL12210

Attach to trailer or shop wall to secure 9-1/4" diameter nitrogen bottle in upright position. Heavy steel bracket has a 1-1/2" wide hinged strap that pivots for easy bottle replacements. Overall bracket length is 17-1/2" with mounting holes 16" on center. Set of two.



Pit Sockets

The same pit sockets used by many top race teams. Steel sockets have a 1/2" drive to work with most impact guns and a machined lug nut end (not hex), for use with 1" lugnuts.

Part No.	Description
ALL10230	2-1/4" Tall, CNC Machined
ALL10232	3-1/4" Tall, CNC Machined
ALL10233	3-1/4" Tall, Economy



Hex Pit Sockets with Extension

Hex-style pit sockets with a built-in extension prevent extension and socket from separating during wheel changes.

Bright powder-coated finish provides a durable coating and helps prevent loss in dark pit areas.



3/8" Drive

Part No.	Description
ALL10234	5"
ALL10235	12"

1/2" Drive

Part No.	Description
ALL10239	5"
ALL10240	12"

Super Sockets with Extension

Pit sockets are available with 5" or 11" extensions and include our Super Socket for fast wheel changes without jamming lug nuts. Sockets fit 1" lug nuts and are used with 1/2" drive impact guns.



Part No.	Description
ALL10242	5"
ALL10241	11"

Quick-Spin Lug Wrench

ALL10107

Sturdy lug wrench is made of 7/8" diameter tubing with a deep 1" socket welded to one end and a sealed bearing pressed on the other. Overall length is 18" with 7-1/2" handles. Gray powder-coated finish.



Economy Quick-Spin Lug Wrench

ALL10108

Lug wrench is a 1" diameter tube with a shallow 1" socket welded to one end and rotating piece of plastic pipe attached to the other. The 10" handles are angled with rubber grips and the overall length is 23".



Aluminum Air Tanks

Portable lightweight aluminum tanks provide an easy way to air up tires. Welded tanks will not rust or corrode and are pressure tested to military specifications up to 300 PSI.

ALL10531	7" x 10" Horizontal Tank, 1-1/2 Gallon
ALL10532	7" x 24" Vertical Tank, 2-3/4 Gallon
ALL10530	9" x 11" Horizontal Tank, 2-3/4 Gallon
ALL10534	9" x 20" Horizontal Tank, 5 Gallon



ALL10532

Replacement Parts

Part No.	Description
ALL99340	0-200 PSI Gauge
ALL99341	Hose with Chuck
ALL99342	Brass Manifold



ALL99342

ALL99340

ALL99341

Tire Log Decal

Easy to write on, vinyl decal is handy when recording important tire information at the track. 8-1/2" x 2".



Part No.	Description
ALL047	4-Pack
ALL047-40	40-Pack



TOOLS & PIT EQUIPMENT

Tire Pressure Gauges

2" gauge has a 12" flex hose with swivel chuck and pressure-release valve. Accurate to within +/- 1%.

Part No.	Description
ALL44076	0-20 PSI
ALL44077	0-40 PSI



ALL44077

Tire Pressure Gauges, Glow In The Dark

Tire pressure gauge has a glow-in-the-dark face. Swivel chuck rotates 360° on a 14" long rubber hose for easy placement on valve stems with leak-free operation. A rubber cover surrounds the gauge for added protection against drops and has a molded ribbed pattern for increased grip. Gauge also features a built-in pressure release valve for removing air in small amounts for precise pressure adjustments.



ALL44047

2-1/4" Diameter

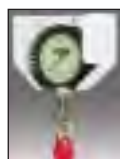
Part No.	Description
ALL44056	0-15 PSI, 2-1/4"
ALL44057	0-30 PSI, 2-1/4"
ALL44058	0-60 PSI, 2-1/4"

4" Diameter

Part No.	Description
ALL44046	0-15 PSI, 4"
ALL44047	0-30 PSI, 4"
ALL44048	0-60 PSI, 4"

Tire Gauge Holders

Secure holder to shop or trailer wall to keep tire gauge conveniently located. Aluminum holder works with most tire gauges and has wrap-around sides to hold gauge in place.



ALL12259

Part No.	Description
ALL12259	Holds Gauges up to 3-1/2" O.D.
ALL12260	Holds Gauges up to 4" O.D.

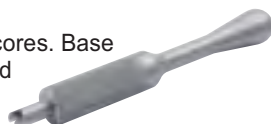
Valve Stem Puller ALL44032

Puller threads onto valve stem and properly pulls rubber valve stems into place. Large rubber block protects expensive wheels and creates leverage when pulling.



Valve Core Tool ALL44030

Easily remove and install new valve cores. Base of handle has a machined pattern to aid with grip. Ergonomically designed and crafted from stainless steel. Measures 3" overall length.



Tire Durometer ALL44034

Easily check tire hardness. Includes storage pouch.



Stagger Gauge ALL10116

Measures tire diameter and automatically converts it to circumference. Strong tubular gauge will not flex and will provide accurate, consistent stagger measurements every time. Gauge measures from 65" to 115" in 1/4" increments.



Replacement Part

Part No.	Description
ALL99044	Tape Decal

Tire Tape Measures

10' long tapes are ideal for measuring tire diameters and checking stagger.



ALL10112

Part No.	Description
ALL10111	Economy
ALL10112	Deluxe

Tire Crayons

Ideal for temporary tire marking. 1/2" x 4-5/8".

Part No.	Description
ALL12060	White
ALL12061	Yellow



Paint Markers

Long-lasting, weather, water, and UV-resistant markers work on glass, plastic, rubber, and metal. Durable fiber tip permits fine or bold lines. Perfect for indicating tire stagger. Quick dry, lead-free paint.

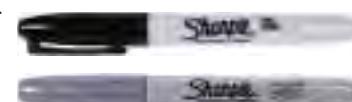
Part No.	Description
ALL12050	Aluminum
ALL12051	Yellow
ALL12052	White
ALL12053	Red
ALL12054	Blue
ALL12055	Light Blue
ALL12056	Black
ALL12057	Orange



Sharpie Markers

Fine-point permanent markers work great for many uses around the shop or track, including layout and fabricating, marking tire sizes, gear set ratios, jet sizes, etc. Sold each.

Part No.	Description
ALL12072	Black
ALL12073	Silver



Electric Tire Prep Stand [ALL10565](#)

Electric tire prep stand eases grooving, siping, grinding, and even cleaning of tires. Two-way switch permits clockwise or counterclockwise rotation. Foot-operated pedal controls the rotation of the tire. A 110V accessory outlet is included for convenient plug-in of siper or groover. Stand will accommodate 5x5 or Wide 5 wheels.

Individual Components

Part No.	Description
ALL10566	Electric Motor Assembly Only
ALL10567	Cart Only



Tire Tool Adapter [ALL10570](#)

Tire tool adapter is designed for use as an accessory to Allstar's electric tire prep stand ALL10565. Adapter arm with cushioned handles slides left and right to allow tire tool access to the entire width of tire. All mounting hardware is included. Adapter accepts ALL10551 tire tool head (sold separately).

Related Part

Part No.	Description
ALL10551	Tire Tool Head (Needler)



Tire Perforator Tool [ALL10550](#)

Tire tool perforates tire surface for better traction. Steel roller is 2" wide with a series of 1/4" tall, straight pin rows. 5" wood handle. Use caution when handling and storing tool; pins are needle sharp.



Tire Sander Holder [ALL10569](#)

Bracket bolts to electric tire prep stand and holds ALL44185 style sander.

Note: Not for use with high-torque tire prep stand.



Grooving Iron Holder [ALL10568](#)

Bracket bolts to electric tire prep stand and holds two Ideal style grooving irons.

Note: Not for use with high-torque tire prep stand.



Tire Siper Holder [ALL10571](#)

Bracket bolts to electric tire prep stand and holds ALL10266 heated tire siper.

Note: Not for use with high-torque tire prep stand.



High-Torque Electric Tire Prep Stand [ALL10575](#)

Electric tire prep stand with high-torque motor is a heavy-duty version of Allstar's standard tire prep stand that provides increased reliability and power when servicing tires. Prep stand eases grooving, siping, grinding, and even cleaning of tires. Two-way switch permits clockwise or counter clockwise rotation. A foot-operated pedal controls the rotation of the tire. A 110V accessory outlet is included for convenient plug-in of siper or groover. Stand will accommodate 5x5 or Wide 5 wheels.

Individual Components

Part No.	Description
ALL10576	Wheel Mount/Motor Assembly
ALL10577	Cart/Stand for ALL10576

Related Parts

Part No.	Description
ALL10572	Tire Tool Adapter
ALL10574	Tire Wrapper Attachment



Tire Tool Adapter for High-Torque Tire Prep Stand [ALL10572](#)

Tire tool adapter is designed for use as an accessory to Allstar's high-torque electric tire prep stand ALL10575. The adapter's arm features cushioned handles and slides side-to-side, allowing perforator tool access to the entire width of tire. A retractable leg helps support and stabilize the tire tool adapter and unit. Adapter also has mounting holes to accept the ALL10574 Tire Wrapper Attachment (sold separately) to wrap tires after prepping.



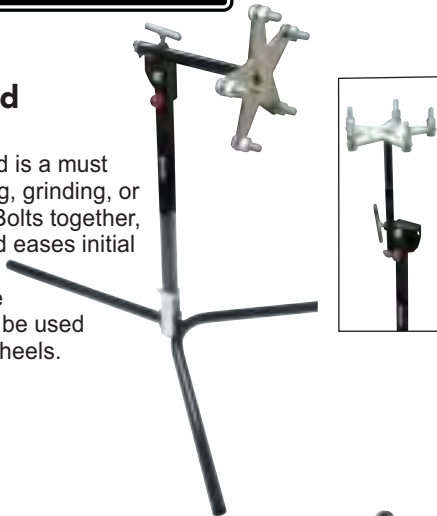
Tire Wrapper Attachment [ALL10574](#)

Tire wrapper attachment mounts directly to tool perforator adapter ALL10572 to easily wrap tires after prepping. Attachment accepts tire wrap tubes up to 18" wide with a core I.D. of 3".



Tire Prep Stand ALL10555

Steel tire prep stand is a must when grooving, siping, grinding, or even cleaning tires. Bolts together, and the pivoting head eases initial tire mount. A locking T-handle secures the head assembly. Can be used with 5x5 or Wide 5 wheels.



Tire Prep Mount ALL10561

Manual steel tire prep mount eases grooving, siping, grinding, or even cleaning tires. Special one-way bearings prevent "roll back" when grooving or siping. Bolt to a wall stud or other solid surface. Can be used with 5x5 or Wide 5 wheels. ALL10562 wall swivel (sold separately) allows use at various angles.

Part No.	Description
ALL10562	Swivel Wall-Mount Bracket



Multiple Head Tire Siper ALL10552



Unique tool comes with multiple siping heads allowing you to switch between heads in a matter of seconds, saving hours of time. Complete with diagonal, cross, and circumference heads along with a 3/4" solid rod end to attach to most tire grooving machines. Replacement blades and spacers sold separately.

Tire Sipers



Get more sipes per swipe! 6-blade and 14-blade sipers quickly and precisely sipe tires for better traction. Units have adjustable sipe depth. Lightweight sipers use standard utility blades and are constructed for heavy-duty use.

Part No.	Description
ALL10265	6-Blade, Black (Push or Pull)
ALL10264	14-Blade, Red (Pull Only)



Heated Tire Siper ALL10266

Sipe tires quickly and effortlessly while maintaining precise control. Siping can greatly improve traction by allowing the tire to reach and maintain optimum temperature. A locking lever and blade clamping screw secures up to 13 blades in the head assembly. Blades can be easily positioned up or down to desired cutting depth. A built-in blade rail holds blade strips in place while individual blades are snapped away. Tool heats in 10-15 minutes. 110V plug-in operation only.



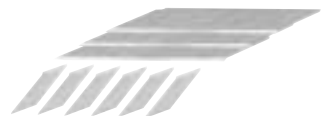
Replacement Parts

Part No.	Description
ALL99104	Tension Lever Kit
ALL99109	Heating Element



Siping Blades ALL99108

Siping blades are designed to work in ALL10266 Heated Tire Siper and ALL10540 8-Blade Siping Head. Four strips contain six individual break-away blades that are easily removed or separated using needle nose pliers. Package of 24 blades.



Siping Heads

For use with Ideal IHK 125 grooving iron, heads have spacers to convert grooving iron to a multi-blade siping tool. Blades for siping sold separately.

Part No.	Description
ALL10545	4-Blade #3 Head
ALL10546	4-Blade #4 Head
ALL10547	6-Blade #2 Siping Head
ALL10548	6-Blade #3 Siping Head



Related Parts

Part No.	Description
IHKBL02	#2 Blades, 12-Pack
IHKBL03	#3 Blades, 12-Pack
IHKBL04	#4 Blades, 12-Pack

Multi-Blade Siping Head ALL10540

Siping head converts standard two-blade pistol grip sipers into an eight-blade siper. Head holds up to eight individual break-away style blades that can be adjusted as needed for desired cutting depth. Head works with pistol grip and other heated sipers that accept a .400" round mandrel. Blades are sold separately.



Related Part

Part No.	Description
ALL99108	Siping Blades, 24-Pack

Tire Sander ALL44185

Extend the life of used tires by removing a thin, hardened layer of rubber. Heavy-duty 7" Milwaukee sander with 2.25 HP/13 amp motor, has a 0-6000 adjustable RPM range to compensate for varying tire hardness and features a 10' detachable cord. Backing pad and discs are sold separately.



ALL44184

Part No.	Description
ALL44184	Filter for Tire Sander
ALL99134	Replacement 10' Cord for ALL44185 Tire Sander

Backing Pads Aand Sanding Discs

Backing pads are designed to work with the ALL44185 Tire Sander or other sanders that have a 5/8"-11 arbor. Sanding discs are specific to each backing pad and sold in packs of 5.

7" Backing Pad and Sanding Discs

Backing pad is a multi-piece unit that features a hard backing. The sanding disc is secured to the sander along with the backing pad and reinforcing disc with one spanner nut.

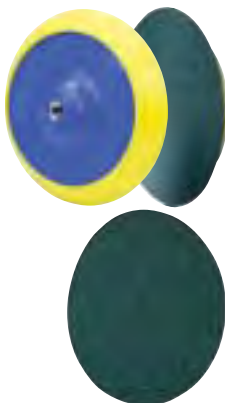
Part No.	Description
ALL44186	7" Backing Pad
ALL44187	7" Sanding Discs, 36 Grit



8" Backing Pad and Sanding Discs

Backing pad is a one-piece unit that features a soft foam backing and a molded-in threaded insert to mount directly to the sander. The backing pad accepts hook-and-loop style sanding discs.

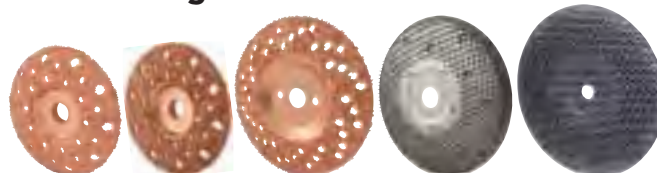
Part No.	Description
ALL44188	8" Backing Pad
ALL44189	8" Sanding Discs, 36 Grit
ALL44198	8" Sanding Discs, 24 Grit
ALL44197	8" Sanding Discs, 16 Grit



CARSON HOCEVAR

CALLY BAKER

Tire Grinding Discs



ALL44180 ALL44181 ALL44182 ALL44183 ALL44196

Grind off the hardened outer "skin" on used dirt track tires and create round, aggressive sipes to increase traction. Use caution when handling and storing nail head disc; pins are needle sharp.

Part No.	Description	Diameter	Arbor Hole
ALL44180	Rounded Disc, 23 Grit	4"	5/8"
ALL44181	Flat Disc, 23 Grit	4"	5/8"
ALL44182	Rounded Disc, 16 Grit	7"	7/8"
ALL44183	Nail Head Disc	7"	7/8"
ALL44196	Nail Head Disc	8"	5/8"

Safety Note: To prevent bodily injury the tire must be mounted on the car or secured in a tire holder. Eye and hand protection is required.

Bead Breakers

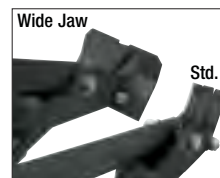
Convenient tool makes quick work of breaking down even the most stubborn tire beads.

Durable steel construction with rubber hand grips.

Standard and wide jaw breakers are for use with most 15" wheels. The adjustable arm version ALL44028, allows bead breaker to be used on most 10", 13", or 15" wheels simply by changing the length of the arm. Wide jaw bead breaker works well with soft sidewall tires, helping prevent damage to sidewall. Clamp the hook and inside jaw against the rim, then while maintaining slight pressure on the outside handle, press down on the inside handle using the outer jaws to separate the tire from the rim, moving around the rim as needed.



ALL44028



Wide Jaw

Std.

Part No.	Description
ALL10105	Standard-Jaw Bead Breaker
ALL44028	Standard-Jaw Bead Breaker with Adjustable Arm
ALL10106	Wide-Jaw Bead Breaker

Tire Spoons

Steel tire spoons help to mount and dismount tires after bead has been broken.

Various sizes are available to work with most tire/wheel combinations. Small tool works well to fit inside tire during removal while round ends help prevent damage to tire and wheel.



ALL10103 ALL10104 ALL44037 ALL44036

Part No.	Description
ALL10103	24" Straight with Round End
ALL10104	16" Curved with Flat End
ALL44037	16" Curved with Round End
ALL44036	9" Curved with Round End



TOOLS & PIT EQUIPMENT

"All-In-One" Heated Tire Groovers

Self-contained groover has built-in temperature controls, eliminating the additional cord and separate control box common with other groovers. Don't let the small package fool you; this groover has the ability to cut small intricate grooves yet still handle removing material up to a 1/2". Tapered, razor-sharp blade grooves fast and easy. To operate, insert a single blade into groover, set blade height with a tire depth gauge and set the power level. Place the cutting edge against the tire surface and obtain instant heat by simply squeezing the trigger. Groover features a Hi/Low toggle switch and a temperature control dial in the handle for setting desired heat level. "All-In-One" groover requires "All-In-One" blades; do not use standard groover blades with this groover.



ALL10770

Part No.	Description
ALL10770	110V Groover Includes 1 Each 4/32", 5/32", 6/32", 8/32", and 10/32" Flat Blades.
ALL10772	220V Groover (Intended for International Use) Power cord requires the attachment of a 220-volt, grounded, 3-prong plug (not included). Includes 1 Each 4/32", 5/32", 6/32", 8/32", and 10/32" Flat Blades.

Replacement Parts

(for ALL10770 and ALL10772)

Part No.	Description
ALL99300	Head Assembly
ALL99301	Head Rebuild Kit
ALL99302	Blade Clamps, 1-Pair
ALL99303	Clamp Nuts, 1-Pair
ALL99304	Clamp Screws, 1-Pair
ALL99305	Cradle Springs, 1-Pair
ALL99306	Slide Pads, 3-Pair
ALL99307	Hex Wrench



ALL99300

ALL99301

ALL99302

ALL99306

Allstar Gloves

General-purpose gloves protect hands from everyday abuse in the shop or at the racetrack. Lightweight, elastic-weave material with reinforced palm and fingers allows mobility and unrestricted use.



Part No.	Description
ALL99940	Medium
ALL99941	Large
ALL99942	X-Large

Allstar Apron ALL99962

Black cloth apron has pockets to keep tools close at hand. Reverse apron to place pockets on the inside when grinding tires. Adjustable strap allows one size to fit all.



Heated Tire Groovers

Groovers add extra traction in minutes. Tapered, razor sharp blade grooves fast and easy. To operate, insert a blade into groover, set blade height with a tire depth gauge and set the power level. Features triggerless activation – simply place the cutting edge against the tire surface and press down for instant heat. Includes 2 each 4/32", 8/32" and 10/32" flat blades.



ALL10260

Part No.	Description
ALL10260	110V Groover Features a 4 level dial and a hi/low switch for 8 total heat settings.
ALL10590	220V Groover (Intended for International Use) Features a 4 level dial and a multi-positional dial for fine tuned heat settings. Power cord requires the attachment of a 220 volt, grounded, 3-prong plug (not included).

Replacement Parts

(for ALL10260)

Part No.	Description
ALL99392	Head Assembly
ALL99393	Head Rebuild Kit
ALL99394	Blade Clamps, 1-Pair
ALL99303	Clamp Nuts, 1-Pair
ALL99304	Clamp Screws, 1-Pair
ALL99305	Cradle Springs, 1-Pair
ALL99306	Slide Pads, 3-Pair
ALL99307	Hex Wrench



ALL99392

ALL99393

ALL99394

ALL99306

Replacement Parts

(for ALL10590)

Part No.	Description
ALL99104	Tension Lever Kit
ALL99105	Head Assembly
ALL99106	Front Pads w/Screws, 3-Pair
ALL99107	Rear Pads w/Screws, 3-Pack
ALL99127	Head Blade Divider



ALL99104

ALL99105

ALL99106

ALL99107

ALL99127

Storage Tote

ALL059

Durable storage tote has many uses around the shop or in the trailer. Store extra parts or keep parts from being damaged during storage. Great for organizing ratcheting tie-downs, or specialty tools, such as tire groover, siper, and related tools. Totes also work well for storing chemicals and fluids to prevent spills in cabinets. Interlocking lid design allows multiple totes to be securely stacked together. Inside dimensions are 20"L x 14"W x 12"H





TOOLS & PIT EQUIPMENT

"All-In-One" Groover Blades

Hard-tempered spring steel blades are designed for use with the ALL10770 and ALL10772 "All-In-One" Heated Tire Groovers. Blades are honed to a razor-like finish and have a tapered shape, making the blade wider near the top where strength is needed and thinner at the bottom, greatly reducing drag as the blade cuts through the rubber. Blades are sold in packages of 12.

Note: All-In-One Groovers must use these All-In-One Blades but these blades can be used in any of our other groovers.



Blade	Size	Flat Bottom Blades	Round Bottom Blades
#1	1/32"	—	ALL10790
#2	2/32"	—	ALL10791
#3	3/32"	ALL10780	ALL10792
#4	4/32"	ALL10781	ALL10793
#5	5/32"	ALL10782	ALL10794
#6	6/32"	ALL10783	ALL10795
#8	8/32"	ALL10784	ALL10796
#10	10/32"	ALL10785	ALL10797
#12	12/32"	ALL10786	ALL10798
#14	14/32"	ALL10787	—
#16	16/32"	ALL10788	—

Heated Tire Groover Blades

Hard-tempered spring steel blades are designed for use with the ALL10260 and ALL10590 Heated Tire Groovers. Blades are honed to a razor-like finish and have a tapered shape, making the blade wider near the top where strength is needed and thinner at the bottom, greatly reducing drag as the blade cuts through the rubber. Blades are sold in packages of 12.

Note: Do not use these blades in "ALL-IN-ONE" style groovers!



Blade	Size	Flat Bottom Blades	Round Bottom Blades
#1	1/32"	—	ALL10267
#2	2/32"	—	ALL10268
#3	3/32"	ALL10271	ALL10269
#4	4/32"	ALL10272	ALL10276
#6	6/32"	ALL10273	ALL10277
#8	8/32"	ALL10274	ALL10278
#10	10/32"	ALL10275	ALL10279

Heavy-Duty Flat-Bottom Grooving Blades

Heavy-duty blades are twice as thick as standard blades for removing large amounts of material with less chance of blade damage. Commonly used in off-road racing. Package of 12.



Part No.	Description
ALL10580	#16 Flat, 16/32"
ALL10582	#20 Flat, 20/32"
ALL10584	#24 Flat, 24/32"
ALL10586	#32 Flat, 32/32"

Dirt Tire Soap

ALL78236

Clean your tires like the Pro's! Simply mix with water and spray on your tires before washing them and the mud almost falls off. Cleaner also works for pre-treating your chassis and body before cleaning to help loosen dirt and clay. 1-gallon container.



Easy Wrap Tire Covers

Cover tires quickly and easily. Elastic bands allow you to stretch the cover over your tires after washing or grinding to keep tires clean.

Description	4-Pack	12-Pack
UMP Modified Tires (85-89" Dia.)	ALL44222	ALL44222-12
Late Model Tires (93-96" Dia.)	ALL44223	ALL44223-12



Tire Wrap **ALL44224**

Tires lose solvents and moisture over time but keeping them covered helps prevent tires from drying out. Wrap also helps contain or reduce the amount of chemicals used during "soaking" by minimizing evaporation. Wrap is 18"W x 1500'L



Tire Stack Cover

ALL44220

Easy access canvas cover features a full-length zipper. Perfect for use in the tire impound, keeping your tires out of the weather, or hiding them from the eyes of your competition. 50" tall black cover will fit a set of 4 tires with a 86" maximum circumference.



Asphalt Tire Book

ALL041

Keep track of tire settings before and after race. 4" x 5" pocket size book includes 50 carbon copy pages, perforated for easy tear off.





TOOLS & PIT EQUIPMENT

Toe Plates

Aluminum plates simplify setting of toe-in and toe-out. Plates fit against outside edges of tires. Using two tape measures (sold separately), measure the distance front and rear, between plates. The difference in tape readings is the toe setting. Deluxe plates have radiused edges, slots for narrow and wide tape measures and are 9" tall x 23" wide to work with vehicles with smaller wheel openings. Standard plates are 1/2" thick, 11" tall x 32" wide and work well for vehicles with larger wheels and wheel openings. Set of two plates.

Part No.	Description
ALL10117	Standard
ALL10119	Deluxe



16' Tape Measure ALL10675

16' x 3/4" blade has fractional markings every 1/8" for quick reference.



Caster Kit

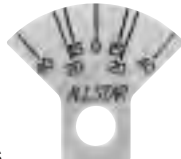
Measure your front end caster by attaching an adapter and level holder to your upper ball joint threads. Additional adapters may be purchased separately for other use. Digital level sold separately.

Part No.	Description
ALL11162	Kit with Holder, BJ Adapters and Carry Case (No Digital Level)
ALL11164	Holder Only for Digital Level
ALL11165	Quickchange Pinion Angle Adapters (2)
ALL11166	Late Model Spindle Adapter
ALL10742	2x2 Digital Level



Caster Plate ALL10752

Not sure if you turned your wheels the same amount each time when adjusting caster settings on your race car? Unless you have expensive turn plates, you're never certain, until now. This quick-reference gauge positions under the upper ball joint nut, with markings facing up, for easy viewing. Place a mark on the shock body or fabricate an indicator to use as a reference point.



Ground Clearance Indicator ALL10725

Determine how close the frame is to the ground on the race track. This unique kit features an aluminum bracket that rivets to the frame with an adjustable 4" plastic wear rod.

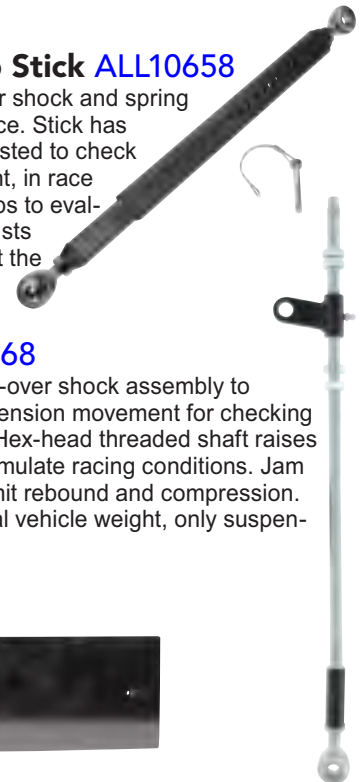
Replacement Part

Part No.	Description
ALL10726	Wear Rods, 4-Pack



Ride Height Set-Up Stick ALL10658

Stick replaces the coil-over shock and spring assembly during maintenance. Stick has many uses and may be adjusted to check settings at normal ride height, in race attitude, or on the bump stops to evaluate suspension travel. Adjusts from 15" to 24", measured at the center of rod ends.



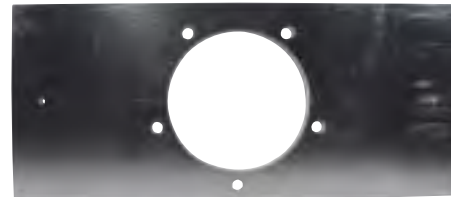
Set-Up Tool ALL10668

Tool replaces the front coil-over shock assembly to simulate range of front suspension movement for checking bump steer and roll center. Hex-head threaded shaft raises and lowers suspension to simulate racing conditions. Jam nuts can be positioned to limit rebound and compression. Not designed to support total vehicle weight, only suspension components.

Set-Up Plates



ALL10660



ALL10662

Set-up plates are used for squaring and stringing chassis to ensure accurate chassis set-up by eliminating wheel and tire differences. Plates are 1/2" thick and can also be used when setting bump steer or checking axle tubes for straightness. Sold each.

Part No.	Description
ALL10660	5x5, 7" x 28"
ALL10662	Wide 5, 12" x 28"

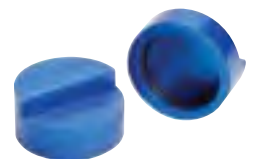
Upper Ball Joint Wrench ALL11190

Wrench is designed to remove and install common screw-in upper ball joints that are 1.900" wide (ALL56214).



Bolt Center Caps ALL10678

Caps slip over the head of standard 1/2" bolts to accurately measure the center-to-center length of installed suspension tube assemblies. Machined step secures the end of a standard tape measure for easy reading of the length to the center of the opposite cap. Caps feature a built-in O-ring that allows the cap to swivel on the bolt head and keeps it from falling off. Package of 2.



Suspension Tube Set-Up Tool ALL10676

Slide-rule device quickly measures and duplicates suspension or steering tube distances with 1/2", 5/8", and 3/4" rod ends. Set-up tool has an engraved scale with 1/16" increments for durability and accuracy.

Rod End Centering Kit ALL10672

Compact inserts are placed into rod ends of suspension, steering, or other tube assemblies to quickly measure and adjust on the workbench or other flat surface with any standard tape measure. Inserts can be used on assemblies with 1/4", 3/8", 1/2", 5/8", and 3/4" rod ends.

Ride Height Blocks

Chassis set-up blocks are adjustable in 1/4" increments. A quick-release pin holds block at desired height. Bottom surfaces of blocks are contoured to fit steel tubing or any flat surface and have magnets for holding block to chassis. Short blocks adjust 1.75"-4". Tall blocks adjust 3"-6". Package of 2.

Part No.	Description
ALL10720	Short
ALL10721	Tall

Ride Height Block Adapters ALL10722

Adapters replace the standard flat pad on Moose style set-up blocks and are machined to cradle axle tubes during chassis set-up. Package of 2.

Ride Height Block Cradle Rollers ALL10723

Built-in rollers allow live axle rear-ends to rotate while on the cradles or when using the rear axle to rotate the engine to check or adjust the valve train. Package of 2.

Shock Inflation Tool ALL64260

Tool threads onto shock Schrader valves. Fill valve and 0-300 PSI gauge head independently rotate a full 360° for easy filling and reading. Complete with built-in bleeder and includes a protective storage case.

Shock Eye Socket ALL64255

The ideal tool for shock rebuilders or anyone that disassembles shocks on a regular basis! Unique socket safely removes and installs the shock rod end without risk of damage to the spherical ball. Steel socket contacts the outer housing of 1/2" rod ends up to .640" wide and has a 1/2" drive for ratchet or impact use.

Shock Workstations

The all-in-one shock workstations hold shock bodies in the upright position for ease of shaft removal or assembly and hold shock shafts vertical or horizontal for easier repairs or revalving. Workstations are constructed of aluminum, can be placed in a vise, and have 1/4" threaded holes for custom mounting.

Part No.	Description
ALL64263	Single Shock Workstation
ALL64264	Double Shock Workstation

Shock Workstation Base ALL64267

Steel base is helpful when mounting Allstar workstation (ALL64264) in a trailer or to a shop workbench. Mounting hardware included.

Shock Drip Cup ALL64265

No more messy oil-soaked rags or shock oil dripping onto the workbench. Shock drip cup has a specially designed rubber seal that conforms to a broad range of shocks and holds cup in place. Fits 1-1/2" to 2-1/8" O.D. shock bodies.

Replacement Part

Part No.	Description
ALL99290	Drip Cup Seal

Shock Racks

Shock rack holds four shocks with 2-1/2" springs and easily mounts to trailer, shop wall or pit cart. Rack is designed to hold shocks in place by pushing shock rod end or eye over the outer O-ring or alternatively, the outer O-ring may be removed to expose a predrilled hole for a hairpin clip such as ALL18442, sold separately.

Part No.	Description
ALL12212	Standard Rack
ALL12211	Adjustable Base Rack

Replacement Part

Part No.	Description
ALL12213	Shock Pin, O-Ring and Bolt

Related Part

Part No.	Description
ALL18442	1-5/8" Hairpin, 2-Pack



TOOLS & PIT EQUIPMENT

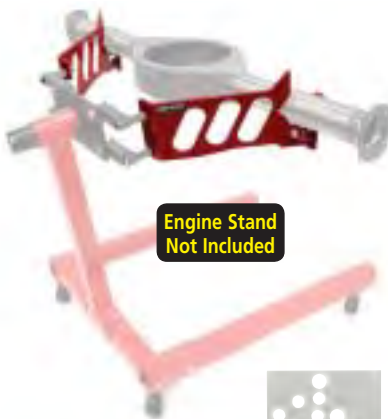
Bench Yoke ALL11360

Bench yoke mounts to a workbench to hold transmissions, rear ends, differentials, and many other items for assembly or servicing. Yoke rotates 360° and features two 10" long pivoting arms that are 1" wide by 1/2" thick. Tool is unpainted so it can be modified as needed.



Rear End Station Brackets ALL10178

Stand adapter brackets fasten to adjustable arms of most engine stands. Supports full-size car and light truck rear axle housings when servicing or replacing differential gear sets. Position housing onto arms and secure into place with included retaining straps.



Engine Stand
Not Included

Pinion Centering Jig ALL68370

Pinion centering jig fastens to the rear end housing and locates the pinion centerline when building or narrowing housings. Machined slots are designed to retain most tape measure ends for accurate measurements. Applications include GM 12 and 14-Bolt, Dana 44 and 60, Chrysler 8-3/4", and Ford 8.8" and 9" housings.



Pinion Yoke Wrench ALL68372

Wrench fastens to most popular pinion flanges and companion flanges to hold when setting bearing pre-load and tightening retaining bolt or nut. Wrench has provisions to work with 1/2" or 3/4" drive tool. Center hole is 2" to clear most sockets. Universal slotted bolt patterns for 1/4", 5/16" and 3/8" fasteners for most AMC, Dana, Ford, and GM yokes.



Spindle Nut Sockets

Aluminum hex style spindle nut sockets fit 1/2" socket wrenches.



Part No.	Description
ALL10110	2-3/8" Spindle Nut Socket for 2" Pin, Allstar, PCR 5x5, and Most Wide 5 Hubs
ALL10115	2-7/8" Spindle Nut Socket for 2-1/2" Pin, Allstar, AFCO, Winters, and SCP 5x5 Hubs

Quick-Change Tube Install/Removal Tool ALL11350

Finally, an easy and correct way to install and remove quick-change axle tubes. Secure support tool into a vice or to a workbench with optional brackets. Components are included to remove and install tubes with the turn of a wrench. An adapter for tubes with Wide 5 or 5 x 5" hubs is also included.

Related Parts

Part No.	Description
ALL11355	Installation End Cap for Bolt-On and 2-7/8" Pin Wide 5 Tubes
ALL11351	Mounting Bracket Kit for Quick Change Tube Install/Removal Tool



ALL11355

ALL11351

Axle Spline Tool ALL66104

Tool clamps in a vise to hold 31-spline axles. Assures perfect alignment for maintenance or installation of axle plugs used with Gold-Trac differentials.



T-Handle Axle Puller ALL66115

All-in-one T-handle puller threads into axle for easy installation or removal. Tool includes adapters to fit 3/8"-16 coarse or 3/8"-24 fine thread solid axles, and 3/4"-16 fine thread gun-drilled axles.



Extreme Pressure Lube ALL78246

Originally used throughout the tool and die industry, this lube provides superior durability and wear protection, taking the place of anti-seize in many applications. Recommended for spline-to-spline contact, threaded adjusters, and engine fasteners. 4-ounce tube.



Quick-Change Oil Plug Sockets

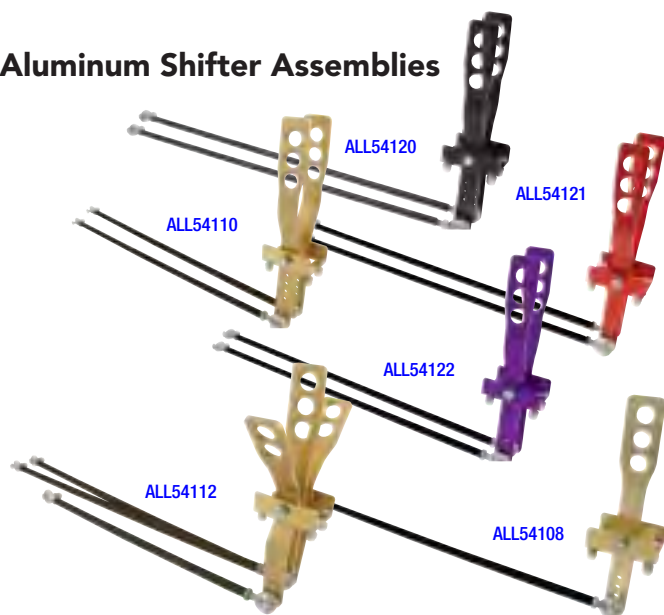
Six-point sockets fit on a 1/2" drive ratchet to remove or install plugs on quick-change rear ends. Small socket fits plugs in most center sections and side bells. Large socket fits plug in Winters Ford 9" housings. Not recommended for high torque applications.

Part No.	Description
ALL11160	Small, 1-3/8", Blue Anodized
ALL11161	Large, 1-7/8", Red Anodized



ALL11161

Aluminum Shifter Assemblies



Anodized lightweight shifters include 3/8" rod ends, locknuts and rods. Rods are tapped for right and left hand 3/8" rod ends.

Shifters Include:

One-Lever Shifter – one 24" shifter rod

Two-Lever Shifter – two 24" shifter rods

Three-Lever Shifter – one 16" and two 24" shifter rods

Part No.	Description
ALL54108	One-Lever Shifter, Gold
ALL54110	Two-Lever Shifter, Gold
ALL54120	Two-Lever Shifter, Black
ALL54121	Two-Lever Shifter, Red
ALL54122	Two-Lever Shifter, Purple
ALL54112	Three-Lever Shifter, Gold

Replacement Parts

Part No.	Description
ALL58006	3/8" RH Male Rod End
ALL58016	3/8" LH Male Rod End
ALL99015	Rod End Reducer Bushing 3/8" to 1/4"
ALL99016	Nylon Washer Between Shift Levers

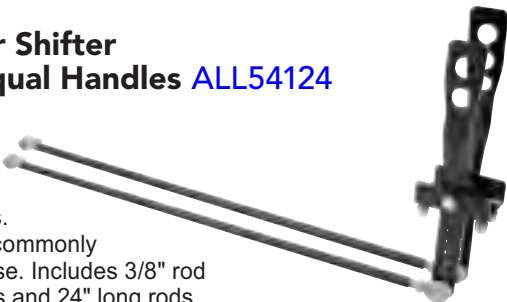
Two-Lever Shifter with Lock ALL54125



Black anodized shifter has a built-in lock to hold the transmission in gear when track is rough. Shifter includes one 16" long and one 24" long 3/8" shifter rod, 3/8" rod ends and hardware.

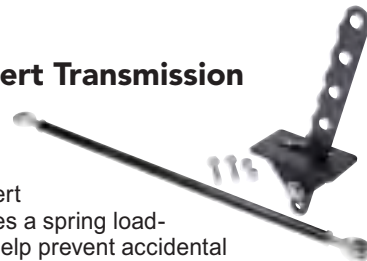
Two-Lever Shifter with Unequal Handles ALL54124

Black anodized aluminum shifter has two unequal length handles. Shorter lever commonly used for reverse. Includes 3/8" rod ends, lock nuts and 24" long rods.



Shifter for Gen II Bert Transmission ALL54127

Black anodized aluminum shifter is designed specifically for the Gen II Bert transmission. Shifter features a spring loaded reverse lockout gate to help prevent accidental engagement and easy to read engraved range positions. Shifter includes a 14" long, 3/8" shifter rod with rod ends along with an installation template.



Aluminum Shifter Rods

Black anodized shifter rods are tapped for right- and left-hand 3/8" rod ends and work with Allstar ALL54108-ALL54122 aluminum shifter assemblies. Rods can be used in many other applications as well.

Part No.	Description
ALL54113	14"
ALL54114	16"
ALL54115	20"
ALL54116	24"
ALL54117	30"
ALL54119	40"



Related Parts

Part No.	Description
ALL58006	3/8"-24 RH Male Rod End
ALL18254	3/8"-24 RH Jam Nut, 4-Pack
ALL58016	3/8"-24 LH Male Rod End
ALL18255	3/8"-24 LH Jam Nut, 4-Pack
ALL99015	Rod End Reducer Bushing 3/8" to 1/4"

Universal Aluminum Shifter Arm ALL54118

Made from 1/4" thick aluminum, arm has a 3/8" wide mounting slot and a 1/4" shifter rod mounting hole. Arm works with most transmissions.



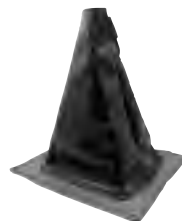
Clevis Kit for Bert Transmission ALL54128

Aluminum clevises have 1/2" inside spacing with 3/8" mounting holes and 3/8"-24 RH threads to connect Allstar and most other shifters to Bert transmission. Two clevises per kit with jam nuts.



Shifter Boot ALL54130

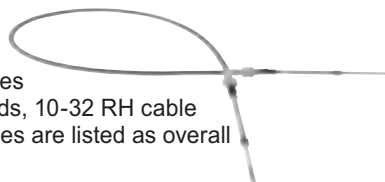
Fire-resistant, black thermal boot helps prevent fire from entering driver compartment. Boot is 7" tall with Velcro strap closure at top. Base is 6" x 7". Used by many top Cup, Xfinity, Truck, CRA, and Late Model teams.



Throttle/Shift Cables

Cables have many uses including use as a throttle cable or as a shifter cable in many applications. Cables have 7/16" mounting threads, 10-32 RH cable ends and 3" of travel. Cables are listed as overall length.

Part No.	Description
ALL54142	43"
ALL54145	60"





TRANSMISSION COMPONENTS

Transmission Coolers

Universal coolers reduce operating temperature of the fluid, extend life of the transmission, and provide better performance. Use as a stand-alone cooler or as an auxiliary unit to increase cooling capacity of a stock system. Increased cooling is recommended when using a high-stall converter, or if the vehicle is used for towing. Coolers have 3/8" barbed fittings and include rubber hose, clamps, and mounting kit.



Part No.	Overall Size	Core Size	GVW
ALL26700	12" x 5"	9" x 5"	10,000 lb.
ALL26702	15" x 5"	12" x 5"	12,000 lb.
ALL26704	12" x 7.5"	9" x 7.5"	16,000 lb.
ALL26706	15" x 7.5"	12" x 7.5"	18,000 lb.
ALL26708	16" x 10"	12" x 10"	20,000 lb.

Flexplates

Stock replacement and SFI-approved flexplates are available for small and big block Chevy engines. Gold iridite-plated, SFI-approved plates meet 29.1 specs., are .035" thicker than stock and have dual (10-3/4" and 11-1/2") converter bolt patterns unless specified. ALL26840/ALL26845 plates have a 3-bolt metric converter bolt pattern. SFI flexplates have ring gears welded on both sides.



ALL26800

Description	Balanced	Stock Replacement	SFI
SB Chevy 153-Tooth	Internally	ALL26835	ALL26830
SB Chevy 153-Tooth, 86-Up	Externally	ALL26836*	ALL26831*
SB/BB Chevy 168-Tooth	Internally	ALL26805	ALL26800
SB Chevy 168-Tooth, 86-Up	Externally	ALL26806	ALL26801
SB Chevy 400, 168-Tooth	Externally	ALL26815	ALL26810
BB Chevy 454, 168-Tooth	Externally	ALL26825	ALL26820
GM LS 3-Bolt, 168-Tooth	Internally	ALL26845†	ALL26840†

*Single 10-3/4" Torque Converter Bolt Pattern.

†Will not fit 1999-2000 6.0L applications with 0.400" extended crank flange originally equipped with flat flexplate and will not fit 4L80E transmissions.

Flywheel Locking Tool SB/BB Chevy ALL96426

Place flywheel locking tool onto rear block dowel pins to prevent the flywheel from turning while tightening or loosening balancer bolts, flywheel bolts, clutch/pressure plate bolts or cam gear bolts. Locking tool works with 153- or 168-tooth flywheels and flexplates.



Balancing Plate ALL26120

Install between crankshaft flange and flexplate to use a Chevy 350 flexplate with a 400 crank.



Pilot Bushing Install Tool ALL26115

Driver simplifies installation of pilot bushings or bearings for manual transmissions including Muncie, Saginaw, BorgWarner, T-10, and many other popular transmissions with .590" pilot shafts.



Extended Length Pilot Bushings

Use these extra-long bushings when distance between engine and bellhousing has increased due to use of mid-plates, rear motor mounts, or adapters. Bushings help maintain true alignment of clutch disc to flywheel.



Part No.	Description
ALL26112	Bronze Bushing
ALL26114‡	Steel Roller Bearing Bushing (has a machined-in roller bearing to reduce friction and wear.)

‡ Bearing is shipped dry. Apply a good quality, high-temp grease upon installation.

Clutch Alignment Tools

Splined, high-impact plastic tools are helpful when aligning the clutch disc on the flywheel for proper insertion of the transmission input shaft.

Part No.	Description
ALL14290	1-1/8" Dia, 10-Spline
ALL14292	1-1/8" Dia, 26-Spline



Transmission Stand ALL10174

Avoid damage and fluid leaks during storage and transport of many popular transmissions. Multi-position stand also keeps the transmission level and clean during servicing. An adjustable rear stabilizer bracket can be moved fore and aft as well as vertically to accommodate a variety of transmissions including Bert, Brinn, Muncie, Saginaw, Richmond, and many others. Overall dimensions 11" x 14" x 6".



Transmission Stand ALL10175

Stand is designed to accept most three- and four-speed GM manual transmissions and also Bert/Brinn-style transmissions with modification to rear pad mount.



Bellhousing Dowel Pins

Steel dowel pins are approximately 1/2" longer than stock pins and are required when running an engine mid-plate, rear motor mounts, or an aftermarket bellhousing. These extended length pins also help with alignment when installing an engine. Pins fit most GM blocks and are sold in pairs.



ALL38152

Part No.	Description
ALL38150	Solid Pins
ALL38152	Hollow Pins



TRANSMISSION COMPONENTS

Solid Transmission Mount ALL38070

Solid 3/16" steel mount fits most TH350, TH400, Powerglide, and all BorgWarner, Muncie, and Chrysler 4-speed transmissions. Eliminates twisting, flex, and distortion. Not recommended for use with rubber engine mounts.



Transmission Mount Bracket ALL38072

May be welded to chassis to support manual or automatic transmissions. Steel bracket is 1/8" thick with 1" x 7/16" slots for mounting bolts.



Clutch Discs for Bert Transmission

Quality discs are a must when rebuilding the internal clutch of Bert transmissions. Friction disc and steel plate sets are sold separately.

Note: Friction discs need to be soaked in Type-F automatic transmission fluid for at least 2 hours before installation.



Part No.	Description
ALL26950	Clutch Friction Discs 6-Pack
ALL26952	Steel Clutches 5-Pack

Bert Clutch Assembly Tool ALL14295

Shaft is used to help align counter shaft when replacing clutch discs and clutches. Shaft features a through-hole for installing threaded rod when assembling counter-gear assembly before installation, along with an internal thread to assist when removing if necessary.



Tailshaft Seal and Bushing

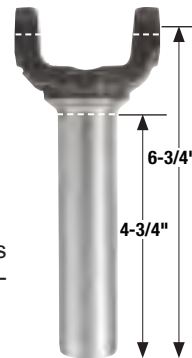
The tailshaft bushing is a regular wear item, located inside the transmission tailshaft housing. It should be replaced when replacing the tailshaft seal or when a driveshaft failure has occurred. A worn bushing will cause excessive side-to-side movement of the slip yoke and create a vibration or leak. Replacement bushing and seal fits GM Powerglide, Turbo 350, Saginaw, Muncie, Bert, and Brinn transmissions.



Part No.	Description
ALL72150	Seal
ALL72152	Seal with Bushing

Slip Yokes

Slip yokes provide an important link in today's driveline and chassis combinations. Yokes are available in standard length for most street applications with minimal suspension travel to extra-long for racing suspensions that have a radical amount of travel. 27-spline yokes accept 1310 style U-joints and are for use in many popular transmissions including TH350, TH700R4, Muncie, and Saginaw 3 and 4 speeds, Bert and Brinn non-ball spline. Hardened yokes are designed for use with tail housings using needle roller bearings.



ALL69042
ALL69043

Part No.	Description
ALL69040	6"
ALL69042	6-3/4"
ALL69044	7-1/2"
ALL69046	8"
ALL69048	8" (Extra Clearance)

Hardened

Part No.	Description
ALL69043	6-3/4"
ALL69045	7-1/2"
ALL69047	8"

U-Joints

Performance U-joints are greasable and fit a variety of driveshaft combinations.

1310 Series: 3.218" Wide with 1.062" Diameter Caps
1330 Series: 3.622" Wide with 1.062" Diameter Caps
1350 Series: 3.622" Wide with 1.187" Diameter Caps

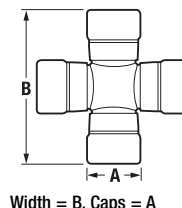


U-Joints with Same Cross Width

Part No.	Description
ALL69030	1310 Series
ALL69031	1330 Series
ALL69032	1350 Series

U-Joints with Different Cross Widths

Part No.	Description
ALL69034	1310 to 1330
ALL69037*	1310 to 1330
ALL69035	1310 to 1350
ALL69036	1330 to 1350



Width = B, Caps = A

*Standard 1330 spread with larger 1.125" diameter caps.

WHEEL AND TIRE ACCESSORIES

3 Fastener Universal Plastic Wheel Covers

High-impact plastic wheel covers feature three quick-turn fasteners located in a reinforced slot, allowing the same cover to fit a variety of 15" bead lock wheels including Weld, Bassett, and Aero. Wheel rings are also available to fit non-beadlock wheels for attaching covers.

Part No.	Description
ALL44230	Black
ALL44231	White
ALL44232	Red
ALL44233	Blue
ALL44234	Purple
ALL44235	Yellow
ALL44236	Orange
ALL44237	Silver
ALL44238	Fluorescent Yellow
ALL44239	Fluorescent Green
ALL44240	Fluorescent Pink

Replacement Parts

Part No.	Description
ALL99338	Cover Fasteners, 3-Pack





WHEEL AND TIRE ACCESSORIES

3 Fastener Bolt-On Universal Plastic Wheel Cover [ALL44242](#)

High-impact plastic wheel cover features three 1/4"-20 fasteners for secure bolt-on mounting, eliminating the struggle associated with aligning quick-turn fasteners during wheel cover installation. Slotted mounting holes allow the same cover to fit a variety of 15" wheels including Weld, Bassett, and Aero. Easily convert quick-turn style bead-lock covers with quick-turn fasteners to a bolt-on style using the appropriate bolt-on conversion kit. Wheel rings are also available to fit non-bead lock wheels for attaching covers.



3 Fastener Wheel Rings

Wheel rings fit non-bead lock wheels by securing to the inside lip of most 15" racing wheels to provide a mounting point for a 3 fastener wheel cover.

Rings for Cover with Quick Turn Fasteners

Part No.	Description
ALL44228	Steel Round Style Ring
ALL44229	Steel Flat Style Ring
ALL44179	Aluminum Flat Style Ring

Ring for Cover with Bolt-On Fasteners

Part No.	Description
ALL44243	Steel Round Style Ring
ALL44245	Aluminum Flat Style Ring
ALL44225	Bolt-on Conversion Kit for 1" Springs, 3 Pieces
ALL44226	Bolt-on Conversion Kit for 1-3/8" Springs, 3 Pieces

[ALL44228](#)

[ALL44179](#)

6 Fastener Plastic Wheel Cover [ALL44246](#)

High-impact plastic wheel cover features six quick-turn fasteners for secure mounting.



6 Fastener Bolt-On Plastic Wheel Cover [ALL44250](#)

High impact plastic wheel cover features six 1/4"-20 fasteners for secure mounting of wheel cover. Bolt-on cover eliminates the struggle associated with aligning quick-turn fasteners during wheel cover installation.



6 Fastener Wheel Rings

Wheel rings fit 15" non-bead lock wheels by securing to the inside lip of most racing wheels to provide a mounting point for a 6 fastener wheel cover.

Ring for Cover with Quick Turn Fasteners

Part No.	Description
ALL44247	Steel Round Style Ring
ALL44249	Aluminum Flat Style Ring

Ring for Cover with Bolt-On Fasteners

Part No.	Description
ALL44251	Steel Round Style Ring
ALL44253	Aluminum Flat Style Ring

[ALL44247](#)

[ALL44253](#)

Bolt-On Wheel Cover Conversion Kit

Kit includes 1/4"-20 insert plates, wheel cover bolts, and rivets to convert a wheel cover retainer ring with troublesome quick-turn fasteners to a bolt-on style ring.



Description	3-Pack	24-Pack
Kit to Replace 1" Quick-Turn Springs	ALL44225	ALL44225-24
Kit to Replace 1-3/8" Quick-Turn Springs†	ALL44226	ALL44226-24

† Most popular size found on non-bead lock wheel cover retainer rings.

Weld Style Plastic Wheel Cover [ALL44168](#)

High-impact plastic wheel cover secures to 15" Weld beadlock wheels or non-beadlock wheels equipped with a retaining ring. Covers include quick-turn mounting fasteners.



Replacement Parts

Part No.	Description
ALL44179	Retainer Ring for Weld Style Cover
ALL99165	Fasteners for Wheel Covers, 3-Pack

Aluminum Wheel Covers

Prevent mud and dirt build-up in outer wheel shell. Covers fasten quickly with three quick-turn fasteners. Covers fit beadlock wheels only and are sold each.

Part No.	Description
ALL44175	Aero
ALL44176	Bassett/Weld



[ALL44175](#)

Replacement Parts

Part No.	Description
ALL99165	Cover Fasteners, 3-Pack

Wheel Cover Ring [ALL44178](#)

Mounting ring installs between the rim and the bead lock ring on bead lock wheels, allowing installation of a wheel cover with a Weld pattern.



Safety Bead-Lock [ALL44140](#)

Safety lock (also called bead-lock) has steel outer and inner rings and firmly fastens the tire bead to the rim. Run lower tire pressures safely. Grade 8 bolts and washers included. For use with 15" wheels. Sold each.



Foam Mud Plugs

An economical way to prevent mud build-up inside racing wheels. Foam discs, in 5" and 3" thicknesses, install quickly and easily in 15" diameter wheels. Allstar logo is imprinted on one side. Sold each.

5" Mud Plugs

Part No.	Description
ALL44150	Black
ALL44151	Red
ALL44152	Blue
ALL44153	Orange
ALL44154	Yellow
ALL44155	Purple

3" Mud Plugs

Part No.	Description
ALL44190	Black
ALL44191	Red
ALL44192	Blue
ALL44193	Orange
ALL44194	Yellow
ALL44195	Purple





WHEEL AND TIRE ACCESSORIES

Left Rear Inner Mud Shields

Stainless steel shield fits over most 5x5 hubs and inside 15" wheels to help reduce mud build-up commonly found on the backside of the left rear wheel of dirt cars.

Part No.	Description
ALL44270	Shield for 2" Backspace Wheel
ALL44271	Shield for 3" Backspace Wheel



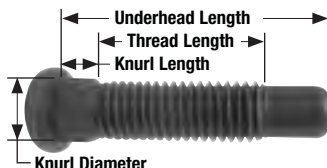
Wheel Studs

Larger-than-stock studs require redrilling of stock flanges. Check sanctioning body for wheel stud requirements. Package of 5.



Part No.	Size	Thread	Underhead Length	Thread Length	Knurl Length	Knurl Dia.
ALL44110*	1/2"-20	Fine	2.000"	1.625"	.650"	.589"
ALL44111*	1/2"-20	Fine	1.875"	1.125"	.500"	.675"
ALL44112*	1/2"-20	Fine	2.250"	1.925"	.650"	.619"
ALL44114	5/8"-18	Fine	2.000"	2.000"	.560"	.685"
ALL44115	5/8"-11	Coarse	2.000"	1.375"	.375"	.690"
ALL44117†	5/8"-11	Coarse	2.750"	2.125"	.375"	.690"
ALL44116‡	5/8"-11	Coarse	2.750"	2.125"	.725"	.690"
ALL44113†	5/8"-11	Coarse	3.750"	3.125"	.375"	.690"
ALL44119‡	5/8"-11	Coarse	3.750"	3.125"	.725"	.690"

* Length with shoulder. † Popular 5x5 Hub Wheel Stud ‡ Popular Wide 5 Hub Wheel Stud



43/64" Wheel Stud Drill Bit

ALL11045

43/64" bit is correct for drilling hubs or axle flanges to accept most 5/8" wheel studs with .690" knurl



Glueless Lug Nuts

Open end lug nuts attach to the wheel with springs for FASTER pit stops! Kits contain 5 steel glueless lug nuts with springs attached and self-tapping screws for mounting.

Part No.	Description
ALL44107	Complete Kit, 5/8"-18 Thread (Fine)
ALL44108	Complete Kit, 5/8"-11 Thread (Coarse)
ALL44109	Replacement Spring and Screw, 5-Pack



Lug Nuts

Large diameter, open-end lug nuts are designed to fit most racing wheel applications and will not pull through the wheel. Nuts are available in steel or aluminum with SAE or metric threads and feature a 45° tapered seat.



Description	Pack of 10	Box of 100	Box of 350	Box of 400
Aluminum Lug Nuts				
5/8"-11 (Coarse) Double Chamfer	ALL44096	ALL44096-100	—	—
5/8"-11 (Coarse) Double Chamfer†	ALL44097	ALL44097-100	—	—
Steel Lug Nuts (Heat Treated and Zinc Plated)				
5/8"-11 (Coarse) Double Chamfer	ALL44098	ALL44098-100	—	—
5/8"-11 (Coarse)	ALL44106	ALL44106-100	—	ALL44106-400
5/8"-18 (Fine)	ALL44104	ALL44104-100	—	ALL44104-400
1/2"-20 (Fine)	ALL44102	ALL44102-100	ALL44102-350	—
7/16"-20 (Fine)	ALL44100	ALL44100-100	—	ALL44100-400
12mm - 1.25 (Metric)	ALL44103	ALL44103-100	ALL44103-350	—
12mm - 1.5 (Metric)†	ALL44101	ALL44101-100	ALL44101-350	—

† Hard coated. †† Most popular metric for GM, Ford, and Chrysler.

Aluminum Wheel Adapter

ALL44128

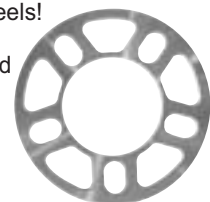
Adapter bolts to stock 5x4-1/2" or 5x4-3/4" bolt circle hub and adapts to 5x5" bolt circle pattern wheel. Fitted with 5/8"-11 coarse thread studs. 1" thick.



Aluminum Wheel Spacers

Change wheel offset without changing wheels! Universal design fits 5 on 4-1/2", 5 on 4-3/4" and 5 x 5" patterns. Uses 5/8" stud slot to aid in centering.

Part No.	Description
ALL44216	1/4"
ALL44217	1/2"
ALL44218	3/4"
ALL44219	1"



Aluminum Wheel Spacers

Spacers are available in 1/2", 3/4" and 1" thicknesses and fit 4-1/2", 4-3/4" and 5" bolt circle patterns. Spacers increase track width, requiring less wheel offset. Sold each.

Part No.	Description
ALL44120	1/4"
ALL44121	1/2"
ALL44122	3/4"
ALL44123	1"



Note: 4-1/2" and 4-3/4" bolt patterns have 1/2" holes; 5" bolt pattern has 5/8" holes.

4 Lug Steel Wheel Spacer

ALL44200

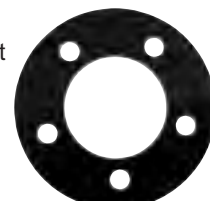
Steel spacer is 1/4" thick, fits 4 x 4-1/4" and 4 x 4-1/2" bolt patterns with 1/2" wheel studs.



5x5" Steel Wheel Spacers

Spacers fit 5x5" hubs with 5/8" studs and provide maximum tread width for adjustment of chassis weight distribution. Spacers are made from tough 1018 steel and have a 3-1/2" I.D. and a 7" O.D.

Part No.	Description
ALL44124	1/16"
ALL44125	1/8"
ALL44126	1/4"



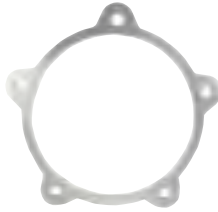


WHEEL AND TIRE ACCESSORIES

Aluminum Wide 5 Wheel Spacers

One-piece aluminum spacer moves Wide 5 wheel outboard. Sold each.

Part No.	Description
ALL44129	1/8" Thick
ALL44127	1/4" Thick



Aluminum Wide 5 Threaded Wheel Spacers

Aluminum spacers thread directly onto wheel studs of Wide 5 hubs with 5/8"-11 threads. Hex design is easily installed and removed. Longer studs may be required when using spacers. Package of 5.

Part No.	Description
ALL44210	1/4"
ALL44211	3/8"
ALL44212	1/2"
ALL44214	3/4"
ALL44215	1"



Glow-in-the-Dark Tire Pressure Gauges,

Tire pressure gauge has a glow-in-the-dark face. Swivel chuck rotates 360° on a 14" long rubber hose for easy placement on valve stems with leak-free operation. A rubber cover surrounds the gauge for added protection against drops and has a ribbed molded pattern for increased grip. Gauge also features a built-in pressure-release valve for removing air in small amounts for precise pressure adjustments.

2-1/4" Diameter

Part No.	Description
ALL44056	0-15 PSI, 2-1/4"
ALL44057	0-30 PSI, 2-1/4"
ALL44058	0-60 PSI, 2-1/4"

4" Diameter

Part No.	Description
ALL44046	0-15 PSI, 4"
ALL44047	0-30 PSI, 4"
ALL44048	0-60 PSI, 4"



ALL44047

Tire Gauge Holders

Secure holder to shop or trailer wall to keep tire gauge conveniently located. Aluminum holder works with most tire gauges and has wrap around sides to hold gauge in place.

Part No.	Description
ALL12259	Holds Gauges up to 3-1/2" O.D.
ALL12260	Holds Gauges up to 4" O.D.



ALL12259

Tire Gauges

2" gauge has a 12" flex hose with swivel chuck and pressure-release valve. Accurate to within +/- 1%.

Part No.	Description
ALL44076	0-20 PSI
ALL44077	0-40 PSI



ALL44077

In-Car Memory Tire Temp Gauge



Digital tire temp gauge with memory (maximum temp). Gauge will show real-time temp and allows you to recall max temp after your race. Align and mount the sensor within 24" of tire to monitor for best results. Designed for use with 12- and 16-volt systems. Temp range 0-300° F. Gauge size is 2.75" wide x 1.375" tall. Sensor size is 3/4" x 3/4". Sensor mounting bracket 1.5 wide. Complete kit includes gauge, sensor, wiring, and instructions.

Part No.	Description
ALL80085	Complete Kit
ALL80086	Replacement Sensor

Tire Durometer ALL44034

Easily check tire hardness. Includes storage pouch.



0-30-lb. Tire Relief Pre-Setter Gauge ALL44080

An accurate method for presetting tire reliefs. A constant flow of air to the relief duplicates the air pressure against the relief in the tire. Just attach air chuck to one end of the gauge and the relief valve hose to the other end. 0-30 PSI gauge can be recalibrated to zero if dropped.



Schrader Valves ALL44065

Inflating tires through quick disconnects mounted in rim eliminates an extra valve stem. Valves work with Allstar Performance center reliefs and other popular plastic or aluminum quick disconnect fittings. Sold in pairs.



Wheel Disconnects

Fit 5/8" diameter valve stem hole for use with center reliefs and Schrader (Fill) valve (ALL44065).

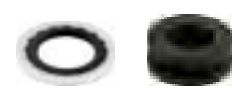
Part No.	Description
ALL44060	Plastic, 4-Pack
ALL44061	Plastic, Each
ALL44062	Aluminum, 4-Pack
ALL44063	Aluminum, Each



ALL44060

Replacement Parts

Part No.	Description
ALL44066	Sealing Washer, 4-Pack
ALL44067	Grommet, 4-Pack



ALL44066

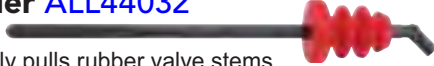
ALL44067



WHEEL AND TIRE ACCESSORIES

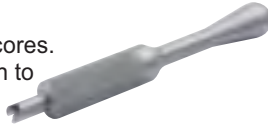
Valve Stem Puller [ALL44032](#)

Puller threads onto valve stem and properly pulls rubber valve stems into place. Large rubber block protects expensive wheels and creates leverage when pulling.



Valve Core Tool [ALL44030](#)

Easily remove and install new valve cores. Base of handle has a machined pattern to aid with grip. Ergonomically designed and crafted from stainless steel. Measures 3" overall length.



Brass Valve Stems

Brass bolt-in valve stem resists cutting during contact. Sold each.



Part No.	Description
ALL44134	Brass Valve Stem. Fits .625" Hole
ALL44135	Chrome Plated Brass Valve Stem. Fits .453" or .625" Hole

Replacement Parts

Part No.	Description
ALL99150	Valve Core, 10-pack
ALL99151	Valve Stem Caps, 10-Pack



Snap-In Rubber Valve Stems

Economical rubber valve stems pull through wheel for easy installation. Large stem for 5/8" hole is the most popular size valve stem used in racing wheels. Smaller stem for .453" hole is commonly found in stock steel and utility vehicle wheels.



Part No.	Description
ALL44136	Stem for 5/8" (.625") Hole, 4-Pack
ALL44136-50	Stem for 5/8" (.625") Hole, 50-Pack
ALL44139	Stem for .453" Hole, 4-Pack

Flush Mount Valve Stem Kit [ALL44137](#)

Chrome-finished steel, bolt-in, valve stem mounts in standard valve stem location and provides a clean semi-flush appearance. Valve stem features an O-ring to seal against the outside of the wheel and a rubber grommet, washer, and nut that seals against the inside of the wheel. Kit includes four valve stems with dust covers and an extension filler tube. Valve stems are designed for use in wheels with .453" valve stem holes.



Replacement Part

Part No.	Description
ALL44138	Replacement Filler Tube



2-1/2" Coil-Over Kits

Made of aluminum, these kits have slotted tops and are available for Carrera/QA1, Koni, Pro-Shock, Bilstein, and others.



Part No.	Description
AAA12420	Pro Shock 5" Coil-Over Kit
AAA12425	Pro Shock 7" Coil-Over Kit
AAA12432	Koni 5" 30 Series Coil-Over Kit
AAA12433	Koni 7" 30 Series Coil-Over Kit
AAA12435	Bilstein 5" Series Coil-Over Kit
AAA12436	Bilstein 7" Coil-Over Kit

Replacement Components

AAA12450	5" Aluminum Sleeve, Carrera/QA1, Pro
AAA12455	7" Aluminum Sleeve, Carrera/QA1, Pro
AAA12460	Aluminum Adjusting Nut
AAA12465	Slotted Coil Top, Carrera/QA1, Bilstein
AAA12490	Hairpin Clip
AAA12495	Snap Ring

Rod End Bushings

Bushings reduce the diameter of the mounting hole for rod end bolt. Sold individually.

Part No.	Size
AAA10460	1/2" to 3/8"
AAA10465	5/8" to 1/2"
AAA10470	3/4" to 1/2"
AAA10475	3/4" to 5/8"



Reducer Bushing Assortment [AAA10480](#)

Assorted sizes, (10) pieces



PHIL AUSRA

Suspension Tubes

Gold-anodized aluminum tubes are threaded RH on one end and LH on the other, with a wrench flat on one end.

Part No.	Length
12000 Series:	
7/8" Dia. x .156" Wall, Tapped 5/8" RH and LH	
AAA12000-12	12"
AAA12000-13	13"
AAA12000-14	14"

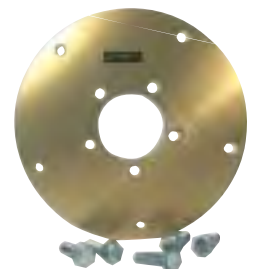


Part No.	Description
Unthreaded 6' Lengths to Make Your Own Tubes	
AAA12050-72	1" Diameter with .225" Wall for 5/8" Heims

Aluminum Wheel Adapters

Adapter allows use of Wide 5 or modified type wheels with the smaller bolt circle hubs and rear ends. Available for the following hub bolt circles:

Part No.	Description
AAA12800	4-1/2" Bolt Circle
AAA12805	4-3/4" Bolt Circle
AAA12810	5" Bolt Circle
AAA12815	5-1/2" Bolt Circle



200 Series Swivel Hose Ends

Reusable aluminum hose swivel design offers 360° of adjustment and the single nipple provides superior sealing. "Smooth-bend" technology promotes exceptional flow and performance.

Hose Size	Straight	30°	45°	90°	120°	150°	180°
-4	AAA00004	—	AAA04504	—	—	—	—
-6	AAA00006	AAA03006	AAA04506	AAA09006	AAA01206	AAA01506	AAA01806
-8	AAA00008	AAA03008	AAA04508	AAA09008	AAA01208	AAA01508	AAA01808
-10	AAA00010	AAA03010	AAA04510	AAA09010	AAA01210	AAA01510	AAA01810
-12	AAA00012	AAA03012	AAA04512	AAA09012	AAA01212	AAA01512	AAA01812
-16	AAA00016	—	AAA04516	AAA09016	AAA01216	—	—



AN Adapters

AN Union

Part No.	AN Size
AAA81503	-3
AAA81504	-4
AAA81506	-6
AAA81508	-8
AAA81510	-10
AAA81512	-12



AN 90° Union

Part No.	AN Size
AAA82103	-3
AAA82106	-6
AAA82108	-8



AN Tee

Part No.	AN Size
AAA82403	-3
AAA82404	-4
AAA82406	-6
AAA82408	-8



AN Union Reducer

Part No.	AN Size	AN Size
AAA91902	-4	-3
AAA91906	-6	-4
AAA91912	-8	-6
AAA91914	-10	-6
AAA91915	-10	-8
AAA91920	-12	-10



Flare Seat Reducer

Part No.	Female Size	Male Size
AAA9500403	-4	-3
AAA9500604	-6	-4
AAA9500806	-8	-6
AAA9501008	-10	-8
AAA9501208	-12	-8
AAA9501210	-12	-10
AAA9501612	-16	-12



Female Swivel Coupler

Part No.	AN Size
AAACPL03	-3
AAACPL04	-4
AAACPL06	-6
AAACPL08	-8
AAACPL10	-10
AAACPL12	-12
AAACPL16	-16



Female-to-Male Swivel Coupler

Part No.	AN Size
45°	
AAACPL82303	-3
AAACPL82306	-6
AAACPL82308	-8
AAACPL82310	-10
AAACPL82312	-12
AAACPL82316	-16
90°	
AAACPL903	-3
AAACPL904	-4
AAACPL906	-6
AAACPL908	-8
AAACPL910	-10
AAACPL912	-12



Tee Coupler with Swivel on Run

Part No.	AN Size
AAACPL82603	-3
AAACPL82604	-4
AAACPL82606	-6
AAACPL82608	-8
AAACPL82610	-10
AAACPL82612	-12



Tee Coupler with Swivel on Leg

Part No.	AN Size
AAACPL82403	-3
AAACPL82404	-4
AAACPL82406	-6
AAACPL82408	-8
AAACPL82410	-10
AAACPL82412	-12



Straight Bulkhead

Part No.	AN Size
AAA83203	-3
AAA83206	-6
AAA83208	-8
AAA83210	-10



45° Bulkhead

Part No.	AN Size
AAA83703	-3



90° Bulkhead

Part No.	AN Size
AAA83303	-3
AAA83306	-6
AAA83308	-8



Bulkhead Tee on Leg

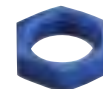
Part No.	AN Size
AAA83403	-3



Bulkhead Nut

Part No.	AN Size	Qty.
AAA92403*	-3	2
AAA92406	-6	1
AAA92408	-8	1
AAA92410	-10	1

* 2 pack.



Nylon Washers

Part No.	AN Size	Qty.
AAA250406	-6	2
AAA250408	-8	2
AAA250410	-10	2
AAA250412	-12	1



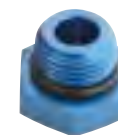
AN Caps

Part No.	AN Size
AAA92903	-3
AAA92904	-4
AAA92906	-6
AAA92908	-8
AAA92910	-10
AAA92912	-12



AN Port Plugs

Part No.	AN Size
AAA81404	-4
AAA81406	-6
AAA81408	-8
AAA81410	-10
AAA81412	-12
AAA81416	-16



Hard Line Adapter Tube Nut

Part No.	AN Size	Qty.
AAA81804	-4	10
AAA81806	-6	5
AAA81808	-8	2



Buna "N" O-Rings

Part No.	AN Size	Qty.
AAA211403	-3	5
AAA211406	-6	5
AAA211408	-8	5
AAA211410	-10	5
AAA211412	-12	5



Fyre Jacket

Part No.	I.D.	Fits Hose	Length
AAA290625	5/8"	-6	36"
AAA290750	3/4"	-8	36"
AAA291100	1"	-12	36"



AN to NPT Adapters

Part No.	AN Size	NPT Size
Straight		
AAA81603	-3	1/8"
AAA81604	-4	1/8"
AAA81644	-4	1/4"
AAA81662	-6	1/8"
AAA81606	-6	1/4"
AAA81666	-6	3/8"
AAA81668	-6	1/2"
AAA81607	-8	1/4"
AAA81608	-8	3/8"
AAA81688	-8	1/2"
AAA81611	-10	3/8"
AAA81610	-10	1/2"
AAA81609	-10	3/4"
AAA81613	-12	1/2"
AAA81612	-12	3/4"
AAA81614	-12	1"
AAA81615	-16	3/4"



Part No.	AN Size	NPT Size
45°		
AAA82303	-3	1/8"
AAA82304	-4	1/8"
AAA82306	-6	1/4"
AAA82366	-6	3/8"
AAA82368	-6	1/2"
AAA82307	-8	1/4"
AAA82308	-8	3/8"
AAA82309	-8	1/2"
AAA82310	-10	1/2"



Part No.	AN Size	NPT Size
90°		
AAA82203	-3	1/8"
AAA82204	-4	1/8"
AAA82206	-6	1/4"
AAA82266	-6	3/8"
AAA82268	-6	1/2"
AAA82207	-8	1/4"
AAA82208	-8	3/8"
AAA82208-12 *	-8	3/4"
AAA82288	-8	1/2"
AAA82209	-10	3/8"
AAA82210	-10	1/2"
AAA82211	-10	3/4"
AAA82213	-12	1/2"



* Pack of 12

NPT Adapters

Male Coupler

Part No.	NPT Size
AAA91101	1/8"
AAA91102	1/4"
AAA91103	3/8"
AAA91104	1/2"



Plug

Part No.	NPT Size
AAA93202	1/8"
AAA93203	1/4"
AAA93204	3/8"
AAA93205	1/2"
AAA93206	3/4"
AAA93207	1"



Brake Adapters

AN Male-to-Male Crush Washer Seat

Part No.	AN Size	Thread	Style
AAA1050026	-3AN	10 x 1.5mm	C.W.
AAA1050030	-4AN	3/8"-24	C.W.
AAA1050032	-4AN	7/16"-20	C.W.



AN Male-to-Male Inverted Flare

Part No.	AN Size	Thread	Style
AAA1032403	-3AN	3/8"-24	I.F.
AAA1032404	-4AN	3/8"-24	I.F.
AAA1071603	-3AN	7/16"-24	I.F.
AAA1071604	-4AN	7/16"-24	I.F.
AAA1072003	-3AN	7/16"-20	I.F.



Brake Adapters (Cont.)

AN Male-to-Female Inverted Flare

Part No.	AN Size	Thread	Style
AAAFM101003	-3AN	10 x 1.0mm	I.F.
AAAFM101004	-4AN	10 x 1.0mm	I.F.
AAAFM103243	-3AN	3/8"-24	I.F.
AAAFM103244	-4AN	3/8"-24	I.F.
AAAFM107163	-3AN	7/16"-24	I.F.
AAAFM107164	-4AN	7/16"-24	I.F.



Miscellaneous Brake Adapters

Part No.	Description
AAA99210	Banjo Washer, 3/8"/10mm, 2 Pcs.
AAAG105A	Brake Line Tee Adapter, -3AN x 3/8"-24, 7/16" Locator
AAAST81503	Steel Union, -3AN
AAAST81504	Steel Union, -4AN
AAAST81603	Straight AN to NPT Steel Adapter, -3AN x 1/8" NPT
AAAST81604	Straight AN to NPT Steel Adapter, -4AN x 1/8" NPT
AAAST81803	Steel Tube Nut, -3AN, 10-Pack
AAAST82203	90° AN to NPT Steel Adapter, -3AN x 1/8" NPT
AAAST82204	90° AN to NPT Steel Adapter, -4AN x 1/8" NPT
AAAST82303	45° AN to NPT Steel Adapter, -3AN x 1/8" NPT
AAAST83203	Steel Bulkhead Union, -3AN
AAAST83403	Steel Bulkhead Tee on Leg, -3AN



BRIAN SHIRLEY

STAN KALWASINSKI



Race Series Engine Bearings

3/4-groove main bearings from Race Series improve connecting rod oiling and load capacity. Bearings lack flash plating and have larger chamfers for large crank fillets. Rod bearings have hardened steel backings for improved crush under high load and improved overlays for increased strength. A "D" suffix indicates dowel pin holes; "X" indicates .001" added clearance. Aluminum silicon (A) and stock replacement (P) series bearings are also available. Specify size (Standard, .001", .010", .020", etc.).



Engine	H Series	HD Series	HX Series	HXD Series	A Series	P Series
Chevy						
1967-02 Small Block 262, 265, 267, 302, 305, 307, 327, 350 Large Journal						
Rod Bearings	AEB8B663H	AEB8B663HD	AEB8B663HX	AEB8B663HDX	AEB8B663A	AEB8B663P
Rod Bearings, 1.889" Honda	AEB8B1663H	—	AEB8B1663HX	—	—	—
Rod Bearings, 1.889"/.896" Wide	—	AEB8B1665HD	—	AEB8B1665HDX	—	—
Main Bearings	—	—	AEB5M909HX	—	AEB5M909A	AEB5M909P
1955-67 Small Block 265, 283, 302, 327 Small Journal						
Rod Bearings	AEB8B745H	AEB8B745HD	AEB8B745HX	AEB8B745HDX	—	—
1970-80 Small Block 400						
Rod Bearings	AEB8B663H	AEB8B663HD	AEB8B663HX	AEB8B663HDX	AEB8B663A	—
Main Bearings	AEB5M1038H	—	AEB5M1038HX	—	AEB5M1038A	—
Ford						
1962-01 Small Block 221, 255, 260, 289, 302						
Rod Bearings	AEB8B634H	AEB8B634HD	AEB8B634HX	—	AEB8B634A	—
Main Bearings	AEB5M590H	—	AEB5M590HX	—	—	—
1969-98 Small Block 351W						
Main Bearings, 1977-98	AEB5M1432H	—	AEB5M1432HX	—	—	—

Note: All rod bearings are sold in sets of 8.

Camshaft Bearings

Part No.	Description
Chevy	
AEB5C3349C-STD	1964-02 Small Block
AEB5C3346C-STD	Small Block Bow Tie, 1.999"-2.001" Housing Bores



High-Performance Center-Hung Float Bowls

Designed for use with Holley-style carburetors, replacement float bowls are engineered for use with center hung floats. Sold as bare. Floats may be purchased separately.



Part No.	Description
AED5364	Primary Float Bowl
AED5365	Secondary Float Bowl, Double Pumper Carbs
Related Components	
AED5360	Nitrophyl Center-Hung Float
AED5361	Brass Center-Hung Float

High-Flow Accelerator Pump Nozzle Screw AED5550

High-flow, hollow-design nozzle screw provides increased accelerator pump shot. Sold each.



HO-Series Carburetors

Professionally prepared, "off-the-shelf" carburetors at affordable prices. The HO-Series carbs offer clean idle, crisp throttle response, and exceptional acceleration throughout the RPM range. Designed for single four-barrel, normally aspirated engines, carburetors are offered in Model 4150 double pumper 650, 750, 850, and 950 CFM versions. All new, fully CNC-machined castings have high-flow, billet aluminum metering blocks, high-flow boosters, milled choke towers, balanced and calibrated fuel circuits, four corner idle, and special non-stick gaskets. All carburetors are blueprinted, built to strict "wet flow" specifications, and run on a test engine prior to shipping. Carbs listed below include black anodized metering blocks.



Part No.	Description
AED650H0-BK	650 HO Carburetor
AED750H0-BK	750 HO Carburetor
AED750HPH0-BK	750 HP HO Carburetor, HP Main Body

Carburetor Kits

AED carburetor kits, available in two versions, are ideal for rebuilding Holley 2300, 4150, and 4160-series carburetors. Ultimate Performance Kits include all float bowl, metering block and miscellaneous gaskets, accelerator pump diaphragms, needle and seat assemblies, and small parts necessary to rebuild carburetor. Pro-Series Kits contain all Ultimate Performance Kit parts along with new bowl and carb screws as well as other small components to make carburetor run and look like new.



Application	Ultimate Performance Kit	Pro-Series Kit
Holley 350-500 CFM 2BBL	AED2300	AED23001
Holley 390-950 CFM 4BBL, Double Pumper	AED4150	AED41501
Holley 390-950 CFM 4BBL, Double Pumper/Alcohol	AED4150A	—
Holley 600-950 CFM 4BBL, Vacuum Secondary	AED4160	AED41601
Holley 650-800 CFM 4BBL, Spread Bore/Double Pumper	AED4165	—
Holley 650-800 CFM 4BBL, Spread Bore/Vacuum Secondary	AED4175	—

Bowl and Metering Block Gaskets

Replacement Holley gaskets are available in standard and blue reusable non-stick designs. Non-stick gaskets ease jet changes. Choose from gaskets in 5- or 10-packs.



Description	5-Pack Part No.	10-Pack Part No.
Standard Metering Block Gaskets (Holley 108-29)	—	AED5829
Standard Fuel Bowl Gaskets (Holley 108-33)	—	AED5833
Reusable Metering Block Gaskets (Holley 108-29)	AED5840	AED5840X
Reusable Fuel Bowl Gaskets (Holley 108-33)	AED5847	AED5847X

Needle and Seat Assemblies

Viton tipped assemblies, in 0.110" and 0.125" sizes, are designed for gasoline; high flow, .150" stainless steel assembly is engineered for alcohol use.



Part No.	Description
AED5110	0.110" Viton Needle and Seat Assemblies, Gasoline, Pair
AED5115	0.125" Viton Needle and Seat Assemblies, Gasoline, Each
AED5117	0.150" Stainless Steel Needle and Seat Assemblies, Alcohol, Each
AED5123	Reusable Needle and Seat Gaskets, Four Pair

Reusable Bowl Screw Washers

AED5410

Reusable white nylon washers will not absorb fuel or separate. 18 per package.



See-Through Bowl Sight Plugs

AED5170

Clear acrylic plugs ease float level adjustments. Sold in pairs.



Power Valves

High-quality power valves, available for Holley carburetors, are high flow and available in several vacuum ratings. Power valves for use with alcohol are also available.

Vacuum Rating	Gas Part No.	Alcohol Part No.
2.5"	AED5025	AED5025A
3.5"	AED5035	—
4.5"	AED5045	—
5.5"	AED5055	—
6.5"	AED5065	AED5065A
8.5"	AED5085	—



Power Valve Block-Off Plug

AED5086

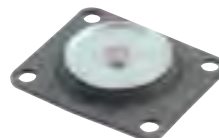
Plug blocks circuit on carburetors not using a power valve. An increase of 6 to 8 jet sizes is recommended to compensate for the loss of enrichment.



Accelerator Pump Diaphragms

High-quality replacement diaphragms are engineered for a long, leakproof life. Sold each or in 10-packs.

Description	Each Part No.	10-Pack Part No.
30cc Diaphragm	AED5335	—
50cc Diaphragm	AED5337	AED5337X



Accelerator Pump Squirters

Standard and tube-style discharge nozzles are necessary when tuning for top end fuel enrichment. Sold in pairs.

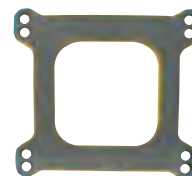
Size	Standard Part No.	Tube Type Part No.
.031"	AED5431	AED5531
.035"	AED5435	AED5535
.037"	AED5437	AED5537
.042"	AED5442	AED5542



Base Gaskets

AED5850

Thick, high-quality gaskets fit all standard base 4bbl. carbs. 10 per package.



Dual-Feed Polished Stainless Line Kit

AED60945

Machined -6AN stainless steel line has AN bowl fittings and couplers, and a 1/8" NPT port for a fuel pressure gauge (gauge not included).



Fuel Pressure Gauges

Compact 1-1/2" diameter gauges are ideal for mounting in-line or on pressure regulators. Chrome-plated, shock-resistant, stainless steel gauges have 1/8" NPT male fittings.

Part No.	Description
AED6100	Fuel Pressure Gauge, 0-15 PSI
AED6101	Liquid-Filled Fuel Pressure Gauge, 0-15 PSI
AED6102	Fuel Pressure Gauge, 0-30 PSI





Aluminum Big Body Shock Absorbers

Threaded, fixed-valve shocks fit dirt late models, including those with swing arm and 4-link suspensions. Dyno-tested, rebuildable, and revalvable. Coil-over kit (AFC20135) must be purchased separately.

Part No.	Stroke	Valving	Comp. Length	Extended Length
13 Series				
Non-Adjustable Twin Tube Threaded Body				
AFC1373T	7"	3	13.32"	20.25"
AFC1373-5T	7"	3-5	13.32"	20.25"
AFC1373-7T	7"	3-7	13.32"	20.25"
AFC1373-12T NEW!	7"	3-12	13.32"	20.25"
AFC1374-6T	7"	4-6	13.32"	20.25"
AFC1375T	7"	5	13.32"	20.25"
AFC1375-3T	7"	5-3	13.32"	20.25"
AFC1376T	7"	6	13.32"	20.25"
AFC1393-5T	9"	3-5	15.32"	24.25"
AFC1394T	9"	4	15.32"	24.25"
AFC1394-6T	9"	4-6	15.32"	24.25"
AFC1399-3T	9"	9-3	15.32"	24.25"
21 Series				
Non-Adjustable Gas Threaded Body				
AFC2173-5	7"	3-5	13.81"	19.71"
AFC2173-7	7"	3-7	13.81"	19.71"
AFC2173-10	7"	3-10	13.81"	19.71"
AFC2173-12	7"	3-12	13.81"	19.71"
AFC2174-6	7"	4-6	13.81"	19.71"
AFC2175-3D*	7"	5-3	13.31"	20.03"
AFC2193-5	9"	3-5	15.81"	23.71"
AFC2194	9"	4	15.81"	23.71"
AFC2194-5	9"	4-5	15.81"	23.71"
AFC2198-2	9"	8-2	15.81"	23.71"

* Left side application with increased shock travel.



TECH TIP

Split Valve Shocks

In AFCO part numbers, split valve shocks are separated by a dash (compression-rebound). Example: AFC1573-5 shock has a compression of 3 and a rebound of 5.

Steel Bulb 75 Series Gas Shock Absorbers

Specifically designed for popular Dirt Modifieds, Steel Bulb shocks provide a 36% reduction in rod force and pressure gain when compared to 5/8" shaft units. Owner serviceable shocks are assembled using nickel-plated bodies and ultra-strong, 1/2" Durox chrome shafts that displace less oil when compressed, while a robust sealing system withstands high temperatures and heavy debris. Shocks listed include a Schrader valve.

Part No.	Stroke	Valving	Compressed Length	Extended Length
75 Series				
Base Valve/Schrader Valve Shocks				
AFC75-7-3-8	7"	3C-8R	13.30"	19.30"



Steel Body 74 Series IMCA-Legal Shock Absorbers

Steel 74 Series mono-tube shock absorbers use smaller, 1/2" (12.7mm) shafts that provide a 36% reduction in rod force and pressure gain when compared to 5/8" (15.875mm) shaft shocks, resulting in less rod pressure gain, improved driver feel, and better grip. Ideal for fast or rough tracks, IMCA-legal steel-bodied shocks are rebuildable, serviceable, and revalvable. Shocks are grooved for coil-over hardware.

Part No.	Stroke	Valving	Compressed Length	Extended Length
AFC74-7-3-6	7"	3C-6R	12.95"	18.85"
AFC74-7-3-7	7"	3C-7R	12.95"	18.85"
AFC74-7-3-8	7"	3C-8R	12.95"	18.85"
AFC74-7-4-4	7"	4C-4R	12.95"	18.85"
AFC74-7-4-6	7"	4C-6R	12.95"	18.85"
AFC74-7-5-3	7"	5C-3R	12.95"	18.85"
AFC74-7-5-5	7"	5C-5R	12.95"	18.85"
AFC74-9-3-4	9"	3C-4R	14.95"	22.85"
AFC74-9-3-5	9"	3C-5R	14.95"	22.85"
AFC74-9-4-4	9"	4C-4R	14.95"	22.85"
AFC74-9-6-3	9"	6C-3R	14.95"	22.85"
AFC74-9-7-2	9"	7C-2R	14.95"	22.85"
AFC74-9-8-2	9"	8C-2R	14.95"	22.85"
AFC74-9-9-2	9"	9C-2R	14.95"	22.85"



Steel Monotube 84 Series Dry Shock Absorber Kits **NEW!**

Engineered for car builders that desire their own personal shock valving, IMCA-legal 84 series shock absorbers are an enhanced version of the 73/74 series. Each kit features 46mm billet, CNC-machined pistons that are engineered to provide optimum performance under the most demanding conditions. Choose from linear/linear or linear/digressive piston options.

Part No.	Description	Stroke	Comp. Length	Extended Length
AFC84-7-PB-PB-3L-6L	Billet 3-Port Linear/6-Port Linear Piston (550000682)	7"	12.95"	18.85"
AFC84-7-PB-PB-3L-3L	3-Port Linear/3-Port Linear Piston (550001139)	7"	12.95"	18.85"
AFC84-7-PB-PB-6L-D	1Billet 6-Port Linear/Digressive Piston (550000934)	7"	12.95"	18.85"
AFC84-7-PB-PB-3L-D	3-Port Linear/Digressive Piston (550001140)	7"	14.95"	18.85"
AFC84-9-PB-PB-3L-6L	Billet 3-Port Linear/6-Port Linear Piston (550000682)	9"	14.95"	22.85"
AFC84-9-PB-PB-3L-3L	3-Port Linear/3-Port Linear Piston (550001139)	9"	13.97"	22.85"
AFC84-9-PB-PB-6L-D	Billet 6-Port Linear/Digressive Piston (550000934)	9"	14.95"	22.85"
AFC84-9-PB-PB-3L-D	3-Port Linear/Digressive Piston (550001140)	9"	14.95"	22.85"

Part No.	Description
Related/Replacement Components	
AFC55000011870	Replacement 1/2" Dia. Shaft, 7" Stroke, with Bleed Jet
AFC55000011890	Replacement 1/2" Dia. Shaft, 9" Stroke, with Bleed Jet
AFC550030150X	Bleed Jet, 5mm x Blank
AFC550030153X	Bleed Jet, 5mm x .052"
AFC550030156X	Bleed Jet, 5mm x .089"
AFC550030159X	Bleed Jet, 5mm x .010"
AFC550030161X	Bleed Jet, 5mm x .020"
AFC550030162X	Bleed Jet, 5mm x .030"
AFC550030164X	Bleed Jet, 5mm x .040"
AFC5500007402	IMCA Filling Tool, Universal
AFC55000079310-4	IMCA Fill Port, -4AN, Universal



Steel-Body Twin-Tube Shock Absorbers

Steel-body, twin-tube shocks fit dirt modifieds with swing arm or 4-link suspensions. Shocks are offered in small or big body designs.

Part No.	Stroke	Valving	Comp. Length	Extended Length
10 Series				
Non-Adjustable Big Body (2.02" O.D.)				
AFC1074	7"	4	12.75"	19.50"
AFC1074-6	7"	4-6	12.75"	19.50"
AFC1074-8	7"	4-8	12.75"	19.50"
AFC1074-12*	7"	4-12	12.75"	19.50"
AFC1075	7"	5	12.75"	19.50"
AFC1075-3	7"	5-3	12.75"	19.50"
AFC1075-9	7"	5-9	12.75"	19.50"
AFC1079-1	7"	Damper	12.75"	19.50"
AFC1093	9"	3	14.75"	23.50"
AFC1093-5	9"	3-5	14.75"	23.50"
AFC1094	9"	4	14.75"	23.50"
AFC1095	9"	5	14.75"	23.50"

* Very stiff rebound.

12 Series				
Sealed Body Fixed Bearing Big Body (2.02" O.D.)				
AFC1274FB	7"	4	12.375"	19.250"
AFC1275FB	7"	5	12.375"	19.250"
AFC1275-3FB	7"	5-3	12.375"	19.250"
AFC1276FB	7"	6	12.375"	19.250"
AFC1276-2FB	7"	6-2	12.375"	19.250"
AFC1276-4FB	7"	6-4	12.375"	19.250"
AFC1293FB	9"	3	14.375"	23.250"
AFC1293-5FB	9"	3-5	14.375"	23.250"
AFC1295FB	9"	5	14.375"	23.250"

15 Series				
Non-Adjustable Small Body (1.64" O.D.)				
AFC1551	5"	1	10.70"	17.70"
AFC1554	5"	4	10.70"	17.70"
AFC1563	6"	3	11.50"	17.50"
AFC1564	6"	4	11.50"	17.50"
AFC1573-5	7"	3-5	12.70"	19.70"
AFC1575	7"	5	12.70"	19.70"
AFC1575-3	7"	5-3	12.70"	19.70"

Steel Sealed 14 Series Twin-Tube Shock Absorbers

Ideal for dirt modifieds, steel, twin-tube shock absorbers have large (2.02" O.D.) sealed bodies to accept coil-overs if desired. Coil-over kit must be purchased separately. Use [AFC20125A-7](#) for 7" sleeve kit.

Part No.	Stroke	Valving	Comp. Length	Extended Length
AFC1473	7"	3	12.375"	19.250"
AFC1473-5	7"	3-5	12.375"	19.250"
AFC1474	7"	4	12.375"	19.250"
AFC1474-6	7"	4-6	12.375"	19.250"
AFC1475	7"	5	12.375"	19.250"
AFC1475-3	7"	5-3	12.375"	19.250"
AFC1476	7"	6	12.375"	19.250"
AFC1476-2	7"	6-2	12.375"	19.250"
AFC1477	7"	7	12.375"	19.250"
AFC1479-1	7"	9-1	12.375"	19.250"
AFC1493	9"	3	14.375"	23.250"
AFC1493-5	9"	3-5	14.375"	23.250"
AFC1494	9"	4	14.375"	23.250"
AFC1495	9"	5	14.375"	23.250"
AFC1495-3	9"	5-3	14.375"	23.250"
AFC1496	9"	6	14.375"	23.250"
AFC1497-2	9"	7-2	14.375"	23.250"



Steel Body Monotube 70 Series Shock Absorbers

These tuneable monotube racing shocks are manufactured with 1/2" hard chrome piston rod and designed to mount in stock shock location. Great for classes that allow take-apart stock-mounted shocks and are available in any valve combination. Externally filled, take-apart design with easy gas pressure adjustments. Stock mount legal tie-bars, bushings, and OE-compatible hardware. 100% Dyno tested. Sold each.

Part No.	Body Diameter	Comp. Length	Extended Length	Comp. Range	Rebound Range
1973-88 GM A/G Body, Front					
AFC70-1-3-7	1.50"	9.27"	13.97"	3	7
AFC70-1-3-8	1.50"	9.27"	13.97"	3	8
AFC70-1-4-6	1.50"	9.27"	13.97"	4	6
AFC70-1-5-3	1.50"	9.27"	13.97"	5	3
AFC70-1-5-5	1.50"	9.27"	13.97"	5	5
AFC70-1-6-3	1.50"	9.27"	13.97"	6	3
AFC70-1-6-6	1.50"	9.27"	13.97"	6	6
AFC70-1-7-3	1.50"	9.27"	13.97"	7	3

1973-88 GM A/G Body, Rear					
AFC70-2-3-3	2.00"	12.73"	20.00"	3	3
AFC70-2-3-4	2.00"	12.73"	20.00"	3	4
AFC70-2-3-5	2.00"	12.73"	20.00"	3	5
AFC70-2-4-4	2.00"	12.73"	20.00"	4	4
AFC70-2-5-5	2.00"	12.73"	20.00"	5	5
AFC70-2-9-3	2.00"	12.73"	20.00"	9	3

1970-81 Camaro, Rear					
AFC70-3-3-4	2.00"	13.38"	21.26"	3	4
AFC70-3-3-5	2.00"	13.38"	21.26"	3	5
AFC70-3-4-4	2.00"	13.38"	21.26"	4	4
AFC70-3-5-3	2.00"	13.38"	21.26"	5	3
AFC70-3-6-3	2.00"	13.38"	21.26"	6	3



Steel Body Monotube 71 Series Shock Absorbers **NEW!**

Designed with the IMCA Hobby Stock class in mind, 71 series shock absorbers are a spin-off of the highly successful 70 series with the added bonus of an internal fill port, meeting the required "no external gas port rules". Shocks include stock mount legal tie-bars and bushings, feature special tuned gas pressure and valving for stock mount, Hobby Stock and Stock car rules. Shocks are also ideal for Street Stock classes requiring sealed, stock-mounted shocks.

Part No.	Comp. Length	Extended Length	Comp. Range	Reb. Range
1973-88 GM A/G Body, Front				
AFC71-1-3-7	9.27"	13.97"	3	7
AFC71-1-3-8	9.27"	13.97"	3	8
AFC71-1-5-3	9.27"	13.97"	5	3
AFC71-1-6-3	9.27"	13.97"	6	3
AFC71-1-7-3	9.27"	13.97"	7	3
AFC71-1-7-9	9.27"	13.97"	5	9
1973-88 GM A/G Body, Rear				
AFC71-2-3-4	12.73"	20.00"	3	4
AFC71-2-3-5	12.73"	20.00"	3	5
AFC71-2-4-4	12.73"	20.00"	4	4
AFC71-2-6-3	12.73"	20.00"	6	3
AFC71-2-7-3	12.73"	20.00"	7	3





Steel-Body Stock-Mount Shock Absorbers



Shocks have stock-appearing bodies to meet track rules and specialized valving for oval track racing.

Part No.	Description	Valving	Compressed Length	Extended Length	Mount
GM Full- and Mid-Size, 1970-81 Camaro/Firebird, 1965-86 Ford Full- and Mid-Size, Mercury Montego/Cougar					
AFC1020	50/50 Extra Heavy	7	9.375"	13.375"	Front
AFC1021	50/50 Heavy	6	9.375"	13.375"	Front
AFC1022	80/20	7-4	9.375"	13.375"	Front
1955-86 GM Full- and Mid-Size, 1964-88 Malibu/Chevelle/Monte Carlo/Cutlass/Grand Prix/LeMans/Tempest/Skylark/Regal; 1968-79 Nova					
AFC1030	50/50 Medium	5	13.00"	21.00"	Rear
AFC1031	50/50 Heavy	6	13.00"	21.00"	Rear
AFC1035	40/60	3-5	13.00"	21.00"	Rear
1970-81 Camaro/Firebird					
AFC1032	50/50 Medium	5	14.50"	22.50"	Rear
AFC1033	50/50 Heavy	6	14.50"	22.50"	Rear
AFC1034	40/60	3-5	14.50"	22.50"	Rear
1979-93 Ford Mustang					
AFC1043	50/50 Medium	5	13.00"	21.50"	Rear

Shock Absorber Rod Ends and Extensions



Part No.	Description
AFC1004	11, 13 R-Series Rod End, Standard Length, Coil-Over Style
AFC20176	13 T-Series Rod End, Standard
AFC20176S	19, 23, 24, 25, 55, 56, 57, and 58 Series Rod End, Standard, Steel
AFC20176-1	13 T-Series Rod End, 1" Longer Standard
AFC20176-2	13 T-Series Rod End, 2" Longer Standard
AFC20177	M2, T2, Std. Rod End, Adjustable
AFC20177-2C	Silver Series Rod End, 1" Longer Adjustable
AFC20180	Silver Series Rod End, 2" Longer Adjustable
AFC20180-1	11, 13 R-Series 1" Shaft Extension, 9/16"
AFC20180-1	11, 13 R-Series 2" Shaft Extension, 9/16"

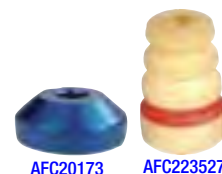
Mono-Tube Gas Shock Inflation Gauge Assembly

Required when adding gas to AFCO mono-tube gas shock absorbers.



Shock Bumpers

Convuluted bumpers prevent bottoming shock absorber out.



Part No.	Description
AFC20173	Aluminum Cone, for Convuluted Shock Bumper
AFC223527	White Convuluted Shock Bumper Only, Standard
AFC223533	White Convuluted Shock Bumper Only, Medium/Hard

AFC20125A-7K



Coil-Over Kits

Part No.	Description
1.875" OD Kit	
AFC20125SB	1.875" Kit for Steel Small Body Shocks (5" Sleeve)
2.5" OD Kits	
AFC20123	2.5" Kit for Small Body Aluminum Non-Adjustable Shocks
AFC20125A-7	2.5" Kit for Steel Body 10 and 14 Series Shocks (5" Sleeve)
AFC20135PRO	2.5" Kit for M2, T2 and R-Series (Threaded Body Only) Shocks 5" OD Kit
5" O.D. Kits	
AFC20125A-7K	For 10 and 14 Series Shocks, 7" Sleeve,
AFC20125A-7KR	19,23,24,25,55,56,57,58,73,74,75,77,78,85,86,87 and 88 series shock. 7" Sleeve,
Replacement Components	
AFC10242	Snap Ring for R and S Series Big Body Steel Shocks
AFC20130	Spring Seat, M2/T2 Shocks
AFC20144	Coil-Over Adjuster Nut Bearing Kit, Pair

Spanner Wrench

Wrench adjusts coil-over nuts. (Spring pressure should be relieved before adjusting.)



Shock Bleeder Tool for Twin-Tube Shocks

AFC20176



IMCA Universal Shock Absorber Filling Tool NEW!

AFC5500007402



IMCA Universal -4 Fill Port NEW!

AFC55000079310-4



IMCA universal, 5/16" non-Schrader fill port. Sold in pack of four.



2-5/8" Dia. Coil-Over Springs

Each black (specified) coated Afcoils spring is engraved with the specified rate and includes warranty card.

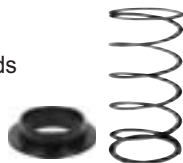
Rate	10" Tall	12" Tall	14" Tall	Rate	10" Tall	12" Tall
100	—	AFC22100B	—	325	—	—
125	AFC23125B	AFC22125B	—	350	AFC23350B	AFC22350B
150	—	AFC22150B	AFC24150B	375	AFC23375B	—
175	—	AFC22175B	AFC24175B	400	AFC23400B	—
185	—	AFC22185B	—	425	AFC23425B	—
200	AFC23200B	AFC22200B	AFC24200B	475	AFC23475B	—
225	AFC23225B	AFC22225B	AFC24225B	500	AFC23500B	—
250	—	AFC22250B	—	600	—	AFC22600B
275	AFC23275B	—	—	650	AFC23650B	—
300	AFC23300B	AFC22300B	—			



Take-Up Spring AFC27005B

Typically used when suspension travel unloads coil-over assembly.

Part No.	Description
AFC20183-1	Spring Guide



Dual-Stage Coil-Over AFC20121-2

For use with big-body shocks, kit keeps the springs and suspension loaded at all times to improve traction. Dual lock nut may be adjusted to enhance weight transfer and a variety of secondary spring rates are available for ultimate traction improvement. Kit includes two 2-step lock nuts, dual-stage nylon spring spacer, and dual-stage aluminum spring spacer.

Part No.	Description
AFC20100-2	Dual-Stage Coil-Over Jam Nut
AFC20183-1	Dual-Stage Spring Spacer, Nylon
AFC26300B	Secondary Spring, 2-5/8" I.D., 4" x 300 lbs.
AFC26400B	Secondary Spring, 2-5/8" I.D., 4" x 400 lbs.
AFC26400-3B	Secondary Spring, 2-5/8" I.D., 5" x 400 lbs.
AFC26500-3B	Secondary Spring, 2-5/8" I.D., 5" x 500 lbs.



Progressive Rate Torque Link Springs

NEW!

Engineered for Modifieds fitted with a torque link, springs are 5" O.D. x 6-5/8" tall and feature progressive rates, which provides improved traction and handling consistency. Black coated.

Part No.	Description
AFC270000PRB	5" O.D. x 6.625" Tall, 600-1,300 lbs. Progressive Rate
AFC270001B	5" O.D. x 6.625" Tall, 600-2,000 lbs. Progressive Rate
AFC280001B	5" O.D. x 6.625" Tall, 200-2,000 lbs. Progressive Rate



Spring Rubbers

A quick, easy way to adjust for increased spring rate during pit stops.

Part No.	Description
AFC20185	Coil-Over, 2-1/2" or 2-5/8" Springs, 3/4" Thick
AFC20185-1	Coil-Over, 2-1/2" or 2-5/8" Springs, 7/8" Thick
AFC20186	Conventional Coil Spring, 5" or 5-1/2" Springs



Stock-Appearing Conventional Springs

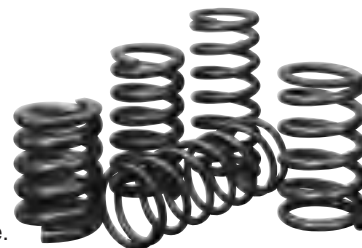
Specifically engineered for oval track classes requiring stock-appearance, black painted springs. Rear springs are flat machined on one end and have a "pigtail" on the other.

Part No.	Rate
5-1/2" O.D. x 11" Tall Front	
1973-88 Chevelle/Malibu/Cutlass/Regal/Grand Prix; 1970-81 Camaro/Firebird	
AFC21000-6	1,000 lbs.
AFC21100-6	1,100 lbs.
5-1/2" O.D. x 12" Pigtail Rear	
1973-88 Chevelle/Malibu/Cutlass/Regal/Grand Prix	
AFC25175SS	175 lbs.
AFC25200SS	200 lbs.



Conventional Coil Springs

Precisely wound, black (unless specified) coated AFCO springs are 100% quality checked, inspected, and engraved with the specified rate.



Rate	Front Springs		Rear Springs		
	5" O.D. 9-1/2" Tall	5-1/2" O.D. 9-1/2" Tall	5" O.D. 11" Tall	5" O.D. 13" Tall	5" O.D. 16" Tall
100	—	—	AFC25100B	—	—
125	—	—	AFC25125B	AFC25125-1B	AFC25125-2B
150	—	—	AFC25150B	AFC25150-1B	AFC25150-2B
175	—	—	AFC25175B	AFC25175-1B	AFC25175-2B
200	—	—	AFC25200B	AFC25200-1B	AFC25200-2B
225	—	—	AFC25225B	AFC25225-1B	AFC25225-2B
250	—	—	AFC25250B	AFC25250-1B	AFC25250-2B
275	—	—	AFC25275B	AFC25275-1B	—
300	—	—	AFC25300B	AFC25300-1B	—
325	—	—	—	AFC25325-1B	—
350	—	—	AFC25350B	AFC25350-1B	—
400	—	—	—	AFC25400-1B	—
500	AFC20500B	AFC20500-1B	—	—	—
550	AFC20550B	AFC20550-1B	—	—	—
600	AFC20600B	AFC20600-1B	—	—	—
650	AFC20650B	AFC20650-1B	—	—	—
700	AFC20700B	—	—	—	—
750	AFC20750B	—	—	—	—
800	AFC20800B	AFC20800-1B	—	—	—
850	AFC20850B	AFC20850-1B	—	—	—
900	—	AFC20900-1B	—	—	—
950	AFC20950B	AFC20950-1B	—	—	—
1000	AFC21000B	AFC21000-1B	—	—	—
1100	—	AFC21100-1B	—	—	—
1150	—	AFC21150-1B	—	—	—
1200	—	AFC21200-1B	—	—	—
1300	—	AFC21300-1B	—	—	—
1400	—	AFC21400-1B	—	—	—



Lightweight Detented Weight Jack System

Detented weight jack system eliminates the need for a jam nut, speeding up wedge adjustments. The weight jack plate utilizes a stainless steel ball, spring, and set screw, which prevent the plate from turning when racing.

Part No.	Description
AFC20194-8D	Lightweight Jack Bolt, 1-1/2 lbs., 8" Length
AFC20194-11D	Lightweight Jack Bolt, 2 lbs., 11" Length
AFC20195LW	Lightweight Spring Cup

AFC20194-8D

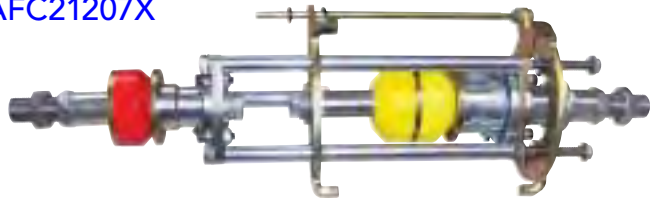


Coil-Over Clamp Bracket AFC20140

Clamp-on bracket fits 3" axle tubes and mounts coil-overs. Mounting holes are 5" from center of rear end.



"Three-Stage" Torque Link AFC21207X



Adjustable "Three-Stage" torque link features a progressive design for the ultimate in torque control and traction. Torque is initially absorbed by the coil spring to provide forward bite, and as engine torque increases, the poly bushings engage to increase torque to the rear tires. The twin-shaft design allows the engine side and braking side to operate independently, allowing corner entry and exit to be tuned separately. The engagement point of the poly bushings may be adjusted independently from the coil spring to allow for changing track conditions.

Adjustable Coil Spring Spacer

Designed for use on stock stub cars fitted with 5" or 5-1/2" O.D. coil springs, spacer allows adjusting ride height and wedge up to 2". Choose from tall or short designs.



AFC20187



AFC20191

Part No.	Description
AFC20187	Short Adjustable Spacer
AFC20191	Tall Adjustable Spacer

5" 5th Coil Spring AFC280001B

5" O.D. 5th coil spring is 10-1/2" long and includes a progressive, 200-2,000 lb. rate.



11" Progressive Rate Torque Arm/Fifth Coil Spring AFC20087PR

Designed exclusively for torque arm or fifth coil applications, 2-5/8" dia. coil spring includes a soft primary rate to improve forward bite, while the stiff secondary rate provides quick application of engine torque to rear tires. Spring offers a wide, 165-675 lbs. range of preload adjustment.



6th Coil Spring AFC26400-1

Mini, 1-3/8" O.D. x 3" tall spring has a 400 lb. rate.



5" IMCA Torque Link Springs

Torque link springs are 6-5/8" tall for modifieds to allow necessary stroke lengths and will maintain proper height and rate for life.

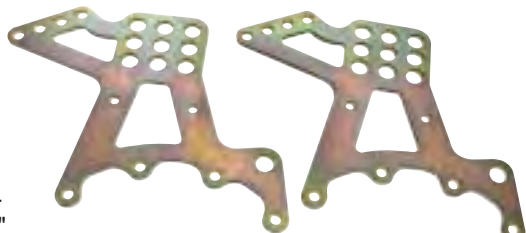
Part No.	Rate
AFC270600B	600 lbs.
AFC271200B	1,200 lbs.
AFC270001B	Progressive 600-1,300



Torque Link Brackets for Quick-Change NEW! AFC20406

Brackets, engineered for use with popular quick-change rears, utilize a "forward-mount" design for increased pull bar angle and forward bite during axle wrap-up. Bolt-on, laser-cut steel brackets include multiple holes for mounting torque link and dampener shock. The -8° pinion angle allows torque link to be mounted 4" ahead and 12" above the axle centerline. Sold per pair.

Note: Some grinding of the side bell reinforcing ribs may be required to mount brackets.



GM Trailing Arm Brackets AFC20285

Brackets weld to 3" axle tubes to accept stock GM lower control arms. Sold in pairs.



Panhard Bar Pinion Mounts

9" Ford Steel Double Sided Pinion Mount AFC20220-1

Double-sided design enables relocation and lower placement of Panhard bar without removing the bracket.





Multi-Leaf Springs



The same AFCO quality, but with tapered leaves, PTFE rub blocks between leaves, and front bushings.

Part No.	Description	Car Weight	Actual Arch	Nominal Rate
Chrysler Multi-Leaf Springs				
AFC20231	Chrysler Spring, 5" Arch	2,300-2,800 lbs.	6-5/8"	142
AFC20231MHD	Chrysler Spring, 5" Arch	2,600-3,000 lbs.	6-5/8"	152
AFC20231HD	Chrysler Spring, 5" Arch	2,800-3,200 lbs.	6-5/8"	166
AFC20231XHD	Chrysler Spring, 5" Arch	3,100-3,500 lbs.	6-5/8"	194
Camaro Multi-Leaf Springs				
AFC20228LW	Camaro Spring	2,300-2,600 lbs.	6-3/8"	153
AFC20228	Camaro Spring	2,500-3,000 lbs.	6-3/8"	176
AFC20228HD	Camaro Spring	3,000-3,400 lbs.	6-3/8"	205
AFC20228XHD	Camaro Spring	3,000-3,400 lbs.	6-3/8"	238

Reinforced Front Segment Leaf Springs



Secondary leaf design features a 10-15% stiffer front segment that provides increased forward bite, quicker throttle response, and improved spring durability. Springs additionally reduce wheelbase variations during braking or acceleration to improve overall handling.

Part No.	Description	Car Weight	Actual Arch	Nominal Rate
AFC20228RF	Camaro Type	2,500-3,000	6-3/8"	176
AFC20228HDF	Camaro Type	3,000-3,400	6-3/8"	205
AFC20231HDF	Chrysler Type	2,800-3,200	6-5/8"	166

Leaf Spring Accessories

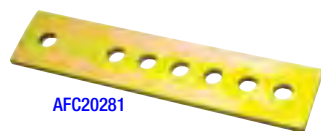
U-Bolts

U-bolts have 4" of threads and fit 3" axle tubes. Tall nuts have maximum thread engagement.

Part No.	Description
AFC20238	8" U-Bolts, Sold Individually
AFC20238-9	9.5" U-Bolts, Sold Individually



Shackles



[AFC20281](#)



[AFC20235-2](#)

Part No.	Description
AFC20281	Steel Shackle Plates, Sold Individually
AFC20235-2	Shackle Bolt Kit, Eliminates Rubber Bushing In Chrysler Springs

Leaf Spring Accessories (Cont.)

Leaf Spring Pivot Bushing

[AFC20229P](#)

Replaces rubber bushing in Chrysler-type springs so front spring eye can rotate and twist for more consistent handling.



Leaf Spring Sliders

Roller bearing design replaces traditional shackles, preventing suspension binding. Designed for use with 2-1/2" wide leaf springs, slider includes a 1-1/2" O.D. bushing.



Part No.	Description
AFC200036	Leaf Spring Slider, Camaro Type
AFC20236S	Leaf Spring Slider, Chrysler Type

Lowering Block [AFC20244](#)

Aluminum lowering block 1/2" tall.

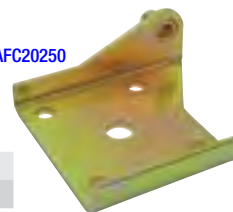


Lower Spring Plates

Steel plate with shock mount.

Part No.	Description
AFC20249	LH Spring Plate
AFC20250	RH Spring Plate

[AFC20250](#)



Nylon Front Eye Bushing

[AFC20229N](#)

Three-piece Chrysler-style bushing lets front eye rotate as spring moves.



Universal Front Spring Mount

[AFC50200](#)

Mount may be used with Chrysler-style leaf springs.



Front Frame 1968-72 Chevelle Modified

[AFC40000](#)

Manufactured with the same grade and thickness material as the OEM frame and approved by IMCA, WISSOTA, USRA, USMTS, DIRTcar, and most other major sanctioning bodies. Built-in alignment stops on the locating tabs make front stub assembly easy and consistent. Cross member has clearance built in the back side for radiator placement and in the front side for steering components, and is lowered on the left upper side for steering shaft clearance. Replacement individual right and left horns and right frame rails are available for crash repair.





Rod End for Lower Control Arms

AFC10820

Required when installing rod end-style lower control arms.



Modular Ball Joint Ring

Ideal when building custom control arms for modifieds, ball joint rings may be combined with steel suspension tubing to deliver the desired front end adjustments.



Part No.	Description
AFC19060	Standard Ball Joint Ring
AFC19065	10° Angle Ball Joint Ring, LH
AFC19066	10° Angle Ball Joint Ring, RH

Lower Control Arm Bushings

Bushings reduce front end weight by 3-4 lbs. and include nylon inserts to prevent shock transfer to the chassis.



Application	Front Part No.	Rear Part No.
1978-88 Monte Carlo/Malibu/Regal/Cutlass	AFC20069LW*	AFC20076LW*
1975-77 Monte Carlo/Malibu/Regal	AFC20076LW†	AFC20077LW†
1973-74 Monte Carlo/Malibu/Regal	AFC20075LW	AFC20077LW†
1967-72 Chevelle/Malibu/Monte Carlo/Skylark	AFC20075LW	AFC20076LW
1967-72 Camaro/Firebird	AFC20075LW	AFC20076LW
1968-74 Nova	AFC20075LW	AFC20076LW
1971-96 Caprice/Impala	AFC20076LW†	AFC20077LW†

* Lower A-arm mounts must be drilled 1/2"; use 1/2" mounting bolt.

† Signifies bushing with 1/2" I.D. hole.

Standard, Low-Friction, and Extended Ball Joints

AFCO offers a complete selection of standard, low-friction, and extended ball joints. Stock-appearing low-friction ball joints have only 2 lbs. of resistance (stock ball joints have as much as 50 lbs.) to reduce rigidity, freeing up the shocks and springs for improved wheel control. Extended length ball joints dramatically improve both the camber curve and roll center location, resulting in enhanced high-speed handling and turning characteristics. Standard ball joints are also available.

Application	Upper Ball Joints		Lower Ball Joints	
	Standard Part No.	Low-Friction Part No.	Standard Part No.	Low-Friction Part No.
General Applications				
1964-72 Chevelle/1967-69 Camaro/1968-74 Nova	—	AFC20037LF	AFC20033	AFC20033LF
1970-81 Camaro/1973-88 Monte Carlo/1977-94 Impala	AFC20032	AFC20032LF	AFC20039	AFC20039LF
1971-76 Impala/Caprice	AFC20032	AFC20032LF	AFC20038	—
Racing/Hybrid Applications				
AFCO/Harris/Howe/Rayburn/Shaw, Bolt-In	AFC20031	AFC20031LF	—	—
Sm. Screw-In, 1.83" Body at Thread, Upper/Lower, Pinto Taper	AFC20034	AFC20034LF	AFC20034	AFC20034LF
Troyer, Same Body as AFC20034 , Larger Stud	—	—	AFC20035	—
Most Popular Screw-In, Chrysler, Most Strut Cars	—	—	AFC20036	AFC20036LF
GRT/Howe/Rayburn/Warrior, 1971-76 Impala Spindle, 2.180"	—	—	AFC20038	—
Extended Length Applications				
Same As AFC20032LF , But .500" Longer, Bolt-In	—	AFC20032-2LF	—	—
Small Chrysler Style, Most Tubular Uppers, 1.83" at Thread, Screw-In, +.500"	—	AFC20034-2LF	—	AFC20034-2LF
3/8" Longer Than AFC20038 , Raises Roll Center on IMCA, 1.980", Press-In	—	—	AFC20038-1	AFC20038-1LF*
1973-88 Malibu/1970-81 Camaro, Extra-Long Pin as AFC20038-1 , Press-In	—	—	—	AFC20038-4LF

* Spindle may need to be reamed.



AFC20039LF



AFC20032-2LF



RYAN HESKETT



MIKE VANDERMARK JR.

WYNTER ROSE/DIRT XTC IMAGES



Aircraft-Quality Rod Ends

Durable, aircraft-quality steel rod ends are engineered for high-stress applications such as Panhard bars.

Bore	Shank	Type	RH Part No.	LH Part No.
5/8"	5/8"	Male	AFC10434	AFC10435
3/4"	3/4"	Male	AFC10424	AFC10425



Rear Control Arm Bushing with Spherical Bushing [AFC20095](#)

Bushing uses a spherical bearing to free up suspension movement and eliminate binding. Fits all 1973-88 GM Malibu/Monte Carlo/Regal/Cutlass rear control arms.



Offset Rear Control Arm Bushings [AFC20090](#)

Designed for popular 1965-88 GM intermediates, heavy-duty polyurethane rear control arm bushings have the center hole 1/4" offset to compensate for wheel or pinion angle issues. Sold in pairs.



Steering Rod Ends

Manufactured exclusively for steering, rod ends have extra-heavy-duty 5/8" bore, 5/8" shank, and grease fitting for improved durability.

Part No.	Description
AFC10401	LH Thread Rod End
AFC10402	RH Thread Rod End



Inner Tie Rod Ends

Popularly used on cars using rack-and-pinion steering, inner tie rod ends are 5/8" threaded.

Part No.	Description
AFC30201	7-1/4" Long, 5/8" RH Threaded
AFC30238	4" Long, 5/8" RH Threaded



Throttle Rod Kits



[AFC10174](#)

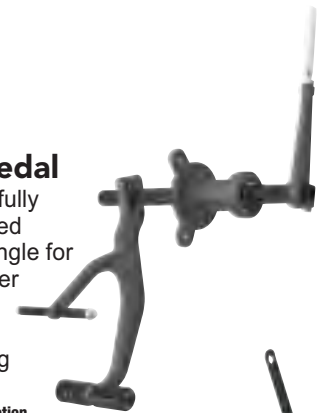
Kits are offered in three different lengths, and include 1/4" plated steel rod, rod ends, jam nuts, and carburetor bushings.

Part No.	Description
AFC10175-18	Throttle Rod Kit, 19-1/8"-19-7/8" Assembly Range
AFC10175-21	Throttle Rod Kit, 22-1/8"-22-7/8" Assembly Range
AFC10175-24	Throttle Rod Kit, 25-1/8"-25-7/8" Assembly Range
AFC10174	Carburetor Bushings, Pair

Adjustable Throttle Pedal

Throttle pedal assembly uses fully sealed bearings, a double-splined shaft, and an adjustable lever angle for greater precision, improved driver comfort, and increased control. Assembly has a durable anodized finish. Kit includes mounting instructions and tuning guide.

Part No.	Description
AFC40292	Adjustable Throttle Pedal
AFC40294	Adjustable Throttle Pedal for 15° Angle



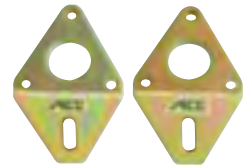
Tube-Style Firewall Mount Gas Pedal [AFC40291](#)

Tubular design throttle assembly incorporates a positive return to prevent stuck throttle and mounts directly to firewall.



Chevy Front Engine Mounts [AFC80651](#)

Plated steel front engine mounts weigh 2.3 lbs. and are sold in pairs.



Chevy Rear Engine Mounts [AFC80652](#)

Sold in pairs.



JON BEACH



F44 Aluminum Metric Caliper **NEW!**

AFC6630510

Significantly lighter and far superior to OEM GM metric calipers, the F44 combines a two-piece, forged aluminum body with four large cross bolts for exceptional strength. Rigidly designed caliper offers reduced flex, resulting in reduced pad taper and less brake fade. Caliper is fitted with truly round pistons for reduced brake drag and increased response, while on and off the brakes. A one-piece bleeder with a large, 7/16" hex eases brake bleeding. May be used on right or left side. Sold each.



Cast Iron Metric Calipers

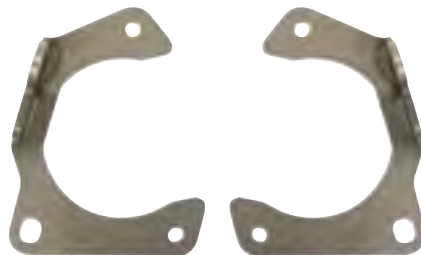
AFCO offers a variety of popular GM Metric calipers for applications requiring stock cast iron brake calipers. Calipers are assembled with new piston and seals. Choose from calipers with stock, oversized, or undersized pistons.



Part No.	Description
AFC7241-9001	Oversized GM Metric Caliper, Right Side
AFC7241-9002	Oversized GM Metric Caliper, Left Side
AFC7241-9005	Undersized GM Metric Caliper, Right Side
AFC6635003	Stock GM Metric Caliper, Right Side
AFC6635004	Stock GM Metric Caliper, Left Side NEW!

Hybrid Caliper Brackets

Brackets adapt U.S. Brake hybrid rotors and GM Metric calipers to 1974-80 Pinto/Mustang II spindles.



Part No.	Description
AFC40122PL	LH Caliper Bracket

GM Metric Caliper Bolt

AFC10160

Directly replaces the OEM caliper bolt, while eliminating the need for the stock spacer. Bolt, is 4.4" long and includes standard 7/16"-20 threads, and has a 3/8" hex to ease installation. Gold zinc-coated for improved durability. Sold each.



PETE BEISWANGER

JOHNNYB IMAGERY

Brake Pads

Engineered specifically for racing, AFCO offers several different brake pad compounds for a variety of popular calipers. Pads are sold in axle sets (four pads per box).

- C32:** Works exceptionally well on the right front of dirt cars where low grip is desired.
- C1:** Designed for medium to high-temperature racing. Widely used in dirt racing. Recommended temperature use of 400-900°F.
- C33:** Offers exceptional cold stopping power and increased stopping in a wider temperature range. Excellent for the front or rear of dirt cars, and the rear of asphalt cars. Recommended temperature use of 200-1,200°F.
- C2:** Provides superior high-temperature performance. Recommended temperature use of 500-1,200° F.
- C34:** Improves cold stopping power, while offering superior stopping in a wider temperature range. A bit more aggressive pad than C33. Ideal for use on the rear of dirt cars, or on the front of asphalt cars.



Application	<Less Aggressive		>More Aggressive>		
	C32 Part No.	C1 Part No.	C33 Part No.	C2 Part No.	C34 Part No.
Wilwood S-lite/Outlaw 3000/4000/ AFCO F88	—	AFC6651011	AFC6651012	AFC6651021	AFC6651022
Narrow Dynalite/Outlaw 2800/ AFCO F22	—	AFC1251-1002	—	AFC1251-2002	—
GM D52	—	AFC1251-1052	—	AFC1251-2052	—
GM Metric	AFC6653002	AFC1251-1154	AFC6653012	AFC1251-2154	AFC6653022



Racing Brake Rotors

AFCO racing brake rotors are precision machined and double-disc ground to provide exceptional flatness. Available Pillar Vane rotors offer increased strength, reduced weight, and improved cooling. Choose from flat, slotted, or drilled rotors. All rotors listed include a 8-bolt x 7" bolt circle.



Part No.	Description	Thickness	Bolt Circle	Dia.	Weight
Pillar Vane Rotors					
AFC6640100	Flat Rotor	.810"	7"	11.75"	8.2 lbs.
AFC6640104	Slotted Rotor, RH	.810"	7"	11.75"	8.1 lbs.
AFC6640105	Slotted Rotor, LH	.810"	7"	11.75"	8.1 lbs.
AFC6640106	Slotted Rotor, RH	1.25"	7"	11.75"	10.6 lbs.
AFC6640107	Slotted Rotor, LH	1.25"	7"	11.75"	10.6 lbs.
Curved Vane Ultralight Rotors					
AFC6640147	Slotted Rotor, LH	.810"	7"	11.75"	—
AFC6640148	Slotted Rotor, RH	.810"	7"	11.75"	—
Straight Vane Rotors					
AFC9850-6020	Straight Vane Rotor	1.25"	7"	11.75"	8.9 lbs.
AFC9850-6021	Straight Vane Rotor	.810"	7"	11.75"	8.2 lbs.
AFC9850-6120	Straight/Drilled Rotor	1.25"	7"	11.75"	7.9 lbs.

Ultralight Brake Rotors NEW!

Lightweight rotors are 11.75" dia. x .810" thick and deliver exceptional cooling and strength. The curved 16-vane design reduces weight, yet retains surface support to reduce the chance of cupping. Machined and double-disc ground to ensure precise flatness. Sold each.



Part No.	Description	Thickness	Bolt Circle	Dia.
AFC6640145	Flat Rotor, LH	.810"	7"	11.75"
AFC6640146	Flat Rotor, RH	.810"	7"	11.75"

Precision Pinto Spindles

Pinto spindles are manufactured, precision machined, and CNC blueprinted to the OEM dimensions, ensuring that front end geometry is true.



Part No.	Description
AFC100152	Pinto Spindle, Left, 7.5° Pin
AFC100153	Pinto Spindle, Right, 7.5° Pin
AFC100173	Spindles, Pair, 10° Pin, Reamed for AFC20036 Ball Joint NEW!
AFC100174	Spindles, Left, 10° Pin, Reamed for AFC20036 Ball Joint NEW!
AFC100175	Spindles, Right, 10° Pin, Reamed for AFC20036 Ball Joint NEW!

Integral Reservoir Master Cylinders

All new AFCO aluminum master cylinders have high-capacity reservoirs and precise bores. External return spring provides positive pedal feel and prolongs pad life. Dual mounting bolt pattern and use of standard 1/8" NPT port fittings allow easy installation.

Part No.	Description
AFC6620010	3/4" Bore Master Cylinder
AFC6620011	7/8" Bore Master Cylinder
AFC6620012	1" Bore Master Cylinder
AFC6690048	Master Cylinder Lid Kit, Includes Metal Lid, Rubber Gasket and Closure Wire NEW!



Stock Brake Rotors

Stock-appearing brake rotors meet most sanctioning body requirements for modifieds, street stocks, and hobby stocks. Rotors include races and 5/8" coarse thread studs installed on 5 x 5 bolt pattern.



Part No.	Description	Thickness	Bolt Circle	Dia.
AFC9850-6500	GM Metric Rotor, 1979-Up	1.00"	5 x 5	10.50"
AFC9850-6505*	Hybrid/Pinto/Mustang II Spindle	.813"	5 x 5	10.13"
AFC9850-6510	Ford Granada, 1975-81	.875"	5 x 5	11.00"

* Mount with Hybrid caliper brackets **AFC40122PL** and **AFC40122PR**.

Rear Brake Rotor Hat **NEW!** AFC9850-6600

Special rear rotor hat allows converting virtually any rear drum brake car to disc brakes. Premium steel, 11.25" diameter hat may be used with 5 x 4.5" or 5 x 4.75" bolt patterns and incorporates straight vanes for brake cooling. Brake caliper, caliper bracket, and related hardware must be purchased separately. Sold each.



STEVE DORER

Brake Pedal Assemblies **NEW!**

Forged aluminum H-beam pedal assemblies are rigid and durable. An ultra-strong upper mount eliminates the possibility of flex. A high-strength bias bar, rounded clevis, and integral bias bearing simplify brake bias adjustments. Pedals include industrial grade anti-skid foot pads and provide a 6.25:1 pedal ratio. Choose from forward- or reverse-mount assemblies. Master cylinders sold separately.



Part No.	Description
AFC6610000	Reverse-Mount Pedal Assembly
AFC6610001	Forward-Mount Pedal Assembly



High-Performance HT and HTX Brake Fluid

Engineered to meet the demanding requirements of circle track racing. High-performance HT brake fluid meets DOT 3 requirements and includes a dry boiling point of 500°F, while non-silicone HTX fluid meets or exceeds DOT 4 requirements and has a dry boiling point of 600°F. HTX Fluid is sold in 16.9-oz. can; HT Fluid is sold in 12-oz. bottle.



Description	Single Container Part No.	1 Case (12 Cans) Part No.
HT Brake Fluid	AFC6691901	AFC6691902
HTX Brake Fluid	AFC6691903	AFC6691904

Double-Pass Radiators

Superior efficiency is delivered by first passing coolant over the top half of the radiator and then the bottom half, allowing the radiator to dissipate more heat than conventional designs.



Part No.	Description	Inlet	Outlet	Filler Location	Dry Weight
AFC80100NDP	22" x 18-1/2"	Right, 1-1/2"	Right, 1-3/4"	Left	11.3 lbs.
AFC80101NDP	27-1/2" x 18-1/2"	Right, 1-1/2"	Right, 1-3/4"	Left	13.7 lbs.
AFC80125N	26" x 18-1/2"	Right, 1-1/2"	Right, 1-3/4"	Left	14.9 lbs.
AFC80126N	31" x 18-1/2"	Right, 1-1/2"	Right, 1-3/4"	Left	15 lbs.
AFC80127NDP	24" x 18-1/2"	Right, 1-1/2"	Right, 1-3/4"	Left	14.1 lbs.
AFC80130NDP	28" x 19"	Right, 1-1/2"	Right, 1-3/4"	Left	14.3 lbs.
AFC80185NDP-16	27.5" x 19"	Right, -16AN	Right, 1-3/4"	Left	—
AFC80185NDP-U*	27.5" x 19"	Right, -20AN	Right, 1-3/4"	Left	13 lbs.

* Includes a 1/2" NPT water pressure bung for eased plumbing.

Chevy Lightweight Racing Radiators

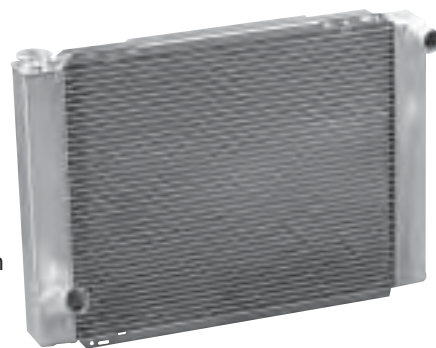
Single-row, Chevy-style aluminum radiators weigh just over 6 lbs. and are ideal for cars with limited cooling requirements including those with alcohol engines.



Part No.	Description	Inlet	Outlet	Filler Location	Dry Weight
AFC80100LWN	22" x 18-1/2"	Left, 1-1/2"	Right, 1-3/4"	Right	6.3 lbs.
AFC80127LWN	24" x 18-1/2"	Left, 1-1/2"	Right, 1-3/4"	Right	6.9 lbs.

Racing Radiators

Aluminum radiators have furnace-brazed cores with 16 fins per inch for maximum air flow and cooling. Each radiator has "mount type flanges" for simplified installation.



Part No.	Size	Inlet	Outlet	Filler Location	Dry Weight
Chevy					
AFC80100N	22" x 18-1/2"	Left, 1-1/2"	Right, 1-3/4"	Right	12.3 lbs.
AFC80101N	27-1/2" x 18-1/2"	Left, 1-1/2"	Right, 1-3/4"	Right	14.7 lbs.
AFC80102N	31" x 18-1/2"	Left, 1-1/2"	Right, 1-3/4"	Right	15.5 lbs.
AFC80103N	26" x 18-1/2"	Left, 1-1/2"	Right, 1-3/4"	Right	14.4 lbs.
AFC80127N*	24" x 18-1/2"	Left, 1-1/2"	Right, 1-3/4"	Right	14 lbs.
Ford					
AFC80101FN	27-1/2" x 18-1/2"	Right, 1-1/2"	Left, 1-3/4"	Left	13.6 lbs.
AFC80102FN	31" x 18-1/2"	Right, 1-1/2"	Left, 1-3/4"	Left	15 lbs.

* Designed to fit IMCA chassis.

Water Outlet for Small/Big Block Chevy AFC80312-15

15° polished aluminum water outlet. O-ring seal allows 360° rotation. Includes bolts.



Water Temperature Switch AFC85286

Engineered to actuate a warning light at 200°F, switch includes 1/4" NPT threads.



Pulley and Belt Combo for Small Block Chevy AFC80061

Dual-grooved cast aluminum pulley and belt combo designed for long water pump, small block Chevy applications. The 20% reduction maximizes flow in high-rpm racing conditions. 6-1/2" diameter upper pulley with 5/8" center and 5-1/2" diameter lower pulley. Matched heavy-duty belts included.



Deck-Mount Oil Cooler AFC80268-12

Double-pass design oil cooler features an internal oil turbulator and louvered fins for unparalleled efficiency. Cooler includes -12AN inlet and outlet, and a 1/2" NPT for oil temperature sending unit.





GM LS Series High-Volume/ High-Performance Oil Pump by Schumanns

GM LS Series oil pump is engineered for applications with up to 500 horsepower and includes an oversized, 9/16" ID outlet port to block with an O-ring seal. Pump additionally features machined and radiused internal oil passages for increased oil flow. Sold complete with three color-coded pressure relief springs in 60, 70, and 80 PSI ratings.

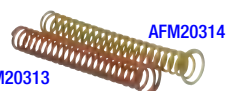


Part No.	Description
AFM20330	GM LS Series Oil Pump
AFM20331	GM LS Oil Pump-to-Crank Center Alignment Tool Kit, Aids Pump Installation

SB Chevy Oil Pump Pressure-Relief Springs

Springs fit AFM high-performance oil pumps.

Part No.	Description
AFM20313	Pressure Relief Spring, 65-70 PSI
AFM20314	Pressure Relief Spring, 80-90 PSI



High-Performance Oil Pumps

New iron alloy pumps are cast with 80% less porosity for a yield strength of 70,000 PSI. Pumps are blueprinted and precisely machined with full-flow shaft oiling, exact mesh gears, and anti-aeration bleed-off for exceptional high-RPM lubrication. Chevy "O.E. Plus" and "Sportsman SSR" series include 50-55, 65-70, and 80-90 PSI pressure relief springs.



Description	O.E. Plus	Sportsman SSR
Small Block Chevy 262-400		
Standard Volume	AFM20315	AFM20317*
High Volume	AFM20316	AFM20318*
High Volume, Quick-Change Relief Spring	—	AFM20319*†
Standard Volume, 3/4" Pickup	AFM20320	—
High Volume, 3/4" Pickup	AFM20322	—
Small Block Ford 289-351W		
High Volume	AFM20324	AFM20325*

* Includes additional relief springs

† Includes anti-cavitation plate

‡ Gear pressure balanced to prevent hydraulicing



Small Block Chevy Eliminator Aluminum Cylinder Heads

The Eliminator aluminum cylinder heads, with choice of 210cc, 220cc, 227cc and 245cc, intake runners, have valves and studs in the stock GM L98 location. Race Ready 210cc and 227cc cylinder heads add 100% CNC-ported intake runners and are perfect for 350-400 cu. in.; the 227cc version is designed for larger cu. in. applications that see a minimum of 4500 RPM. Competition Package heads, offered in 220cc, 227cc, and 245cc versions, with 100% CNC-ported intake runners, are engineered for highly modified 350-434 cu. in. engines that operate 4000-8000 RPM. All heads are sold in pairs, completely assembled (unless specified) with stainless valves, valve springs, retainers, locks, and seals.



Part No.	Description	Intake Runner	Comb. Chamber	Spark Plug	Int. Valve	Exh. Valve
AFR1050	Race Ready Assy.	210cc	75cc	Angle	2.080"	1.600"
AFR1054	Race Ready Assy.	210cc	65cc	Angle	2.080"	1.600"
AFR1100*	Comp. Pkg. Assy.	210cc	75cc	Angle	2.080"	1.600"
AFR1103	Comp. Pkg. Assy.	210cc	65cc	Angle	2.080"	1.600"
AFR1065*	Comp. Pkg. Assy.	220cc	65cc	Angle	2.100"	1.600"
AFR1110	Comp. Pkg. Assy.	220cc	65cc	Angle	2.100"	1.600"
AFR1112	Comp. Pkg. Assy.	220cc	75cc	Angle	2.100"	1.600"
AFR1067*	Race Ready Assy.	227cc	75cc	Angle	2.100"	1.600"
AFR1068*	Race Ready Assy.	227cc	65cc	Angle	2.100"	1.600"
AFR1120*	Comp. Pkg. Assy.	227cc	75cc	Angle	2.100"	1.600"
AFR1121*	Comp. Pkg. Assy.	227cc	65cc	Angle	2.100"	1.600"
AFR1124*†	Comp. Pkg. Assy.	227cc	65cc	Angle	2.100"	1.600"
AFR1140-Ti§	Comp. Pkg. Assy.	245cc	80cc	Angle	2.125"	1.600"

† Signifies spread port exhaust pattern ‡ Requires offset stud girdles

* Signifies competition CNC-ported § Signifies titanium retainers

LS3 "Mongoose" Aluminum Cylinder Head

NEW! AFR1845

Utilizing A356 aluminum castings, the LS3 "Mongoose" cylinder head features a 100% CNC-ported intake, exhaust and combustion chambers for significantly improved air flow and performance. Fully assembled, 260cc intake runner head is designed for use with 4-bolt GM LS engine blocks with 4.000"-up cylinder bores and up to 454 cu.in. Capable of delivering ample air flow up to 7,000 RPM. Sold per pair, fully assembled heads are fitted with stainless valves, dual valve springs and titanium retainers.



Part No.	Description	Intake Runner	Comb. Chamber	Spark Plug	Int. Valve	Exh. Valve
AFR1845	LS3 Cylinder Head	260cc	69cc	2.165"	2.080"	1.600"

Aluminum Valve Covers

Lightweight aluminum valve covers are offered in polished or black powder coat finishes and are engraved with the AFR logo. Sold in pairs, complete with breathers and grommets.



Application	Black	Polished
SB Chevy, Tall	AFR6705	AFR6704
SB Ford, Tall	AFR6715	AFR6714



Small Block Ford Renegade Aluminum Cylinder Heads

Re-engineered from the ground up, Renegade 20° cylinder head delivers improved air flow, while maintaining exceptional port velocity for small block Fords. Aluminum heads are offered in 165cc, 185cc, 205cc, and 220cc versions. Large 205cc runner heads are intended for 331-392 cu. in., while the 220cc is the perfect choice for the vast majority of 347-427 cu. in. race-only applications. All heads are sold in pairs, completely assembled with stainless valves, valve springs, retainers, locks, and seals. Heads listed below are engineered for stud mount rocker arms.



Part No.	Description	Intake Runner	Comb. Chamber	Int. Valve	Exh. Valve	Valve Spring
AFR1399	Race Ready Assy.	165cc	58cc	1.900"	1.600"	Dual/1.290"
AFR1422	Race Ready Assy.	185cc	58cc	2.020"	1.600"	Dual/1.290"
AFR1387	Race Ready Assy.	185cc	72cc	2.020"	1.600"	Dual/1.290"
AFR1388	Race Ready Assy.	185cc	58cc	2.020"	1.600"	Dual/1.290"
AFR1450*	Race Ready Assy.	205cc	58cc	2.080"	1.600"	Dual/1.550"
AFR1458*	Race Ready Assy.	205cc	72cc	2.080"	1.600"	Dual/1.550"
AFR1451*	Race Ready Assy.	220cc	58cc	2.080"	1.600"	Dual/1.550"
AFR1456*	Race Ready Assy.	220cc	69cc	2.100"	1.570"	Dual/1.550"

* 2.080" and larger valves require aftermarket pistons notched for valve clearance.

Phenolic Carb Spacers

Lightweight, phenolic plastic carb spacer acts as a heat barrier between the manifold and carburetor keeping the fuel cooler, improving air/fuel distribution, and preventing possible vapor lock. Available in open plenum or 4-hole tapered versions. Fit 4150-series carburetors.



Part No.	Description
AFR4450	4150-Series Square-Bore Carb, Open Hole Design 1" Spacer
AFR4460	4150-Series Square-Bore Carb, 4-Hole Tapered 1" Spacer

Small Block Chevy HS Roller Rocker Arms AFR6036

Engineered specifically for AFR 220cc or 227cc cylinder heads, 1.6 ratio aluminum roller rocker arms are designed for use with 7/16" studs and feature .050" offset. Sold in set of 16.



Stud Girdles



Billet aluminum construction stud girdles tie the rocker studs together, increasing valvetrain alignment and durability.

Part No.	Description
AFR6200	SB Chevy L98, Eliminator 180cc, 195cc, 210cc and 220cc
AFR6208	SB Chevy, Offset for 227cc and 235cc
AFR6207	SB Ford
AFR6214	Stud Girdle Adjusting Nut (1) 7/16" x 2.200" SBC/BBC/SBF

Small Block Chevy Eliminator Intake Manifold NEW! AFR4811

Single-plane, high-rise 23° manifold, which features standard port location, is well suited to larger cubic inch small block Chevy race engines. Manifold includes a 4150 carb flange, front and rear water outlets for added cooling benefits, and dual distributor hold-downs.



SC320 Forged Brake Calipers

Rigid, lightweight aluminum calipers combine exceptional strength and durability, a requirement on competitive late models. Calipers are fitted with stainless steel pistons and high-temperature, low-drag seals for durability.

Part No.	Description	Piston Dia.	Rotor Thickness
Front Calipers			
APB1902800	SC320 Right Front Caliper	1.87"/1.75"	1.25"
APB1902801	SC320 Left Front Caliper	1.87"/1.75"	1.25"
Rear Calipers			
APB1902806	SC320 Right Rear Caliper	1.37"/1.37"	.810"
APB1902807	SC320 Left Rear Caliper	1.37"/1.37"	.810"
APB1902808	SC320 Right Rear Caliper	1.25"/1.25"	1.25"
APB1902809	SC320 Left Rear Caliper	1.25"/1.25"	1.25"

600 High-Temp Racing Brake Fluid ALL78108

Designed for extreme, high-temperature racing conditions with a dry boiling point in excess of 572°F. Exceeds DOT 3 standards. Sold in 16.9-oz. bottle.

Ground Shipment Only



PRF Brake Fluid ALL78116

Developed for extreme, high-temperature racing conditions (dry boiling point of 608°F). Exceeds DOT 4 specifications. Sold in 16.9-oz. bottle.

Ground Shipment Only





J-Hook Late Model Brake Rotors

Directional rotors improve braking performance by providing additional cooling air, increased rotor strength, and resistance to thermal distortion. Ideal for late models, modifieds and various short track cars. Rotors are offered in 11.75" or 12.19" diameters.



Part No.	Description	Thickness	Dia.	Mounting Holes	Bolt Circle
APB1901722	Right 60-Vane Rotor	1.25"	11.75"	8	7.00"
APB1901723	Left 60-Vane Rotor	1.25"	11.75"	8	7.00"
APB1901726	Right 60-Vane Rotor	1.25"	12.19"	8	7.00"
APB1901727	Left 60-Vane Rotor	1.25"	12.19"	8	7.00"
APB1901792	Right 28-Vane Rotor	.810"	11.75"	8	7.00"
APB1901793	Left 28-Vane Rotor	.810"	11.75"	8	7.00"

Plain-Face Late Model Brake Rotors

Plain-face, 28-vane rotors are manufactured from dynamically balanced and double heat treated cast iron for exceptional braking on late models, modifieds, and many other short track cars. Rotors are 11.75" diameter and offered in .810" or 1.25" thicknesses.



Part No.	Description	Thickness	Dia.	Mounting Holes	Bolt Circle
APB1901780	Right 28-Vane Rotor	1.25"	11.75"	8	7.00"
APB1901781	Left 28-Vane Rotor	1.25"	11.75"	8	7.00"
APB1901782	Right 28-Vane Rotor	.810"	11.75"	8	7.00"
APB1901783	Left 28-Vane Rotor	.810"	11.75"	8	7.00"



Connecting Rod Bolts

Standard High-Performance Bolts

Premium 8740 alloy chrome moly steel is heat treated to provide a tensile strength in the 200,000 PSI range, making these bolts up to five times stronger than original equipment bolts.

Wave-Loc® High-Performance Bolts

Manufactured from the same 8740 steel as ARP High-Performance bolts, but with Wave-Loc® shank design. Wave-Loc's symmetrical waves have an effective interference range of .0005" to .007" for proper cap alignment and fit. Stress risers formed by standard rod bolts in factory bolt holes are virtually eliminated.

Pro Series Wave-Loc® Bolts

For the most severe applications, heavy-duty bolts are made from ARP2000 material with 200% longer fatigue life than 8740 chrome moly steel and a tensile strength of 220,000 PSI. Bolts have the capability of more than 12,000 lbs. of clamping force.



Application	High-Performance	High-Perf. Wave-Loc®	Pro-Series Wave-Loc®
Small Block Chevy			
283-327 and Inline 6	ARP134-6001	ARP134-6401	—
400	ARP134-6002	ARP134-6402	—
350, 305, 307	ARP134-6003	ARP134-6403	ARP234-6403
350, PM 1992-97 LT1/LT4	ARP134-6005	—	—
383 Stroker/350 Rod	ARP134-6027	—	—
Ford			
289-302, 5/16"	ARP154-6002	ARP154-6402	ARP254-6402
351W	ARP150-6004	ARP150-6404	ARP250-6404
2000cc Inline 4	ARP151-6001	—	—
2300cc Inline 4	ARP151-6002	—	ARP251-6402

High-Performance Series Main Bolt Kits



Reduced wrenching hex head and wide-area flange evenly distribute the load during torquing. Includes hardened, parallel-ground washers. 180,000 PSI tensile strength.

Part No.	Application
ARP134-5001	SBC 2-Bolt Main, Large Journal
ARP134-5002	SBC 2-Bolt Main, Small Journal
ARP134-5202	SBC 4-Bolt Main
ARP134-5204	SBC Dart SHP Block
ARP154-5001	Ford 289-302 2-Bolt Main
ARP154-5003	Ford 351W, 2-Bolt Main

Cylinder Head Bolt Kits

High-Performance Series bolts are rated at 180,000 PSI and available with hex or 12-pt. heads. Pro Series bolts are rated at 200,000 PSI and are available only with 12-pt. heads. Most Pro Series applications have undercut short bolts to help eliminate head gasket failure. Kits include parallel-ground washers.



Application	Hi-Perf. Hex	Hi-Perf. 12-Pt.	Pro Series 12-Pt.
Small Block Chevy			
OEM Iron, Brodix -8,-10,-11, Dart -11xb, LT-AFR, Pro-1	ARP134-3601	ARP134-3701	ARP234-3701
Brodix -12 Rollover, 18°	ARP134-3602	ARP134-3702	ARP234-3702
Small Block Ford			
289-302 OEM Heads, Edelbrock	ARP154-3601	ARP154-3701	—
302 with Windsor Heads, 7/16" Bolts/Stepped Washers	ARP154-3605	ARP154-3705	—
302 with Windsor Heads, 1/2"/7/16" Stepped Bolts	—	—	ARP254-3708
351W, Edelbrock Heads	ARP154-3603	—	—



Cylinder Head Stud Kits

Pro Series head stud kits include aerospace quality nuts and parallel-ground, hardened washers. Kits are offered with undercut short studs to effectively eliminate head gasket failure. Rated at 200,000 PSI tensile strength.



Application	Hex Nuts	12-Pt. Nuts	12-Pt. Nuts U-Cut Studs
Small Block Chevy			
23° OEM Iron/Aluminum, Gen. III Vortec, AFR, Brownfield Brodix -8,-10,-11, Track 1, Dart Sportsman, II, Edelbrock	ARP134-4001	ARP234-4301	ARP234-4601
18° with Raised Intake 3/8"	—	ARP234-4321	ARP234-4721
Brodix -12, 18°	—	ARP234-4303	ARP234-4703
Dart 13° Heads	—	ARP234-4337	—
GM LS			
2003 & Earlier NEW!	—	ARP234-4344	—
2004 & Up NEW!	—	ARP234-4345	—
Ford			
289-302, OEM Heads, 7/16" and Edelbrock	ARP154-4001	ARP154-4201	—
289-302 with 351W Hd., SVO, GT40, J/L302, Edelbrock	ARP154-4005	ARP154-4205	ARP254-4705
351W, SVO, GT40, J/L302, Iron Dart, Edelbrock 1/2"-13 Thread	ARP154-4003	ARP154-4203	ARP254-4703
351 "R" Block with N-351 Heads	ARP254-4112	ARP254-4314	—
351 "R" Block with Brodix/Neal Heads	—	ARP254-4312	—
4 Cyl. 2300cc	—	ARP151-4202	ARP151-4702

Main Stud Kits

ARP main studs eliminate main cap "walk" and protect the threads in the cylinder block. Studs are manufactured from 8740 chrome moly steel, with 200,000 PSI tensile strength.

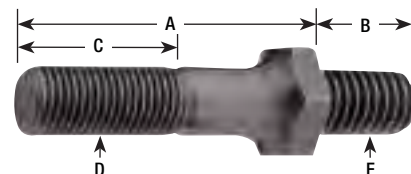


Application	2-Bolt Main	4-Bolt Main
Small Block Chevy		
Small Journal, without Windage Tray	ARP134-5402	—
Small Journal, with Windage Tray	ARP134-5501	—
Large Journal, without Windage Tray	ARP134-5401	ARP134-5601
Large Journal, with Windage Tray	ARP234-5501	ARP234-5601
Large Journal, Splayed Cap Bolts	—	ARP234-5602
Large Journal, with Straps (F&R)	ARP234-5503	ARP234-5603
Large Journal, Splayed Caps and Straps	—	ARP234-5604
400, with Windage Tray	—	ARP234-5606
Dart "Little M", Splayed Cap Bolts	—	ARP234-5801
Dart "Little M", Splayed Cap Outer Studs	—	ARP134-5801
Dart "Little M", Iron Caps/Splayed Cap Bolts	—	ARP234-5609
World Motown Iron Block	—	ARP134-5603
Dart SHP Iron Block	—	ARP134-5605
Ford		
289-302	ARP154-5401	—
289-302, with Windage Tray	ARP254-5501	—
302, Dual or Rear Sump Pan	ARP154-5407	—
302, with Girdle	ARP154-5410	—
302 "R" Block, 1/2" Studs	—	ARP254-5601
M6010 Boss 302, Dual or Rear Sump Pan	—	ARP154-5610*
351W	ARP154-5403	—
351W, with Windage Tray	ARP154-5503	—
351W, Dual or Rear Sump Pan	ARP154-5409	—
351 Dart Iron Eagle	—	ARP154-5607
Dart SHP 302 NEW!	—	ARP154-5612
Dart SHP 351 NEW!	—	ARP154-5613
Ford 2300cc Inline 4	ARP151-5402	—

* Includes stud to mount oil pickup tube.

Rocker Arm Stud Kits

ARP rocker arm studs offer improved reliability because of longer thread engagement in the cylinder head and an extra-large radius for reduced flex. High-Performance Series rocker arm studs have a tensile strength of 180,000 PSI. Pro Series studs have a tensile strength of 200,000 PSI.



Application	Dimensions					(16-Pack) High-Performance	(2 Pack) High-Performance	(16-Pack) Pro Series
	A	B	C	D	E			
Small Block Chevy								
3/8"	1.750"	.700"	.800"	3/8"-24	7/16"-14	ARP134-7101	ARP134-7121	ARP234-7201
7/16"	1.770"	.700"	.670"	7/16"-20	7/16"-14	ARP134-7103	ARP134-7123	ARP234-7202
7/16"	1.900"	.750"	.850"	7/16"-20	7/16"-14	—	—	ARP200-7202
With Roller Rockers and Girdles	1.900"	.750"	1.000"	7/16"-20	7/16"-14	ARP100-7101	ARP100-7121	ARP200-7201
With Roller Rockers and Girdles	1.900"	.850"	.850"	7/16"-20	7/16"-14	—	—	ARP234-7206*
With Roller Rockers and Girdles	2.100"	.850"	.800"	7/16"-20	7/16"-14	—	—	ARP334-7202*
With Roller Rockers and Girdles	2.100"	.750"	.800"	7/16"-20	7/16"-14	—	—	ARP334-7203*
With Roller Rockers and Girdles	2.000"	.750"	.800"	7/16"-20	7/16"-14	—	—	ARP334-7204*
Small Block Ford								
3/8" with Roller Rockers	1.895"	.710"	1.000"	3/8"-24	7/16"-14	ARP134-7104	ARP134-7124	—
With Roller Rockers and Girdles	1.900"	.750"	1.000"	7/16"-20	7/16"-14	ARP100-7101	ARP100-7121	ARP200-7201

* Studs have a shank under hex to locate guide plates



GM LS Rocker Stud Kit [ARP234-7207](#)

Durable, black oxide-finished chrome moly fastener kit is engineered for GM LS applications. Includes (16) studs and (16) adjuster nuts.



Application	Adjuster Thread Length	Adjuster Dia./Pitch	Screw-In Depth	Screw-In Dia./Pitch
GM LS, 2.560" O.A.L.	.500"	5/16"-24	1.000"	M8 x 1.25"

Perma-Loc Rocker Arm Adjusters

Perma-Loc adjusters incorporate several features to prevent loosening and are the only ones currently available that do so. The adjuster body is heat treated to eliminate thread movement, the threads are machined perpendicular to the bottom of the adjuster to apply a full 360° of pressure, and the set screw is machined flush for maximum contact on the rocker stud. Packs of 16.



Application	Thread Size	Body Dia. (B)	Length (C)	16-Pc. Pack
Stamped Steel Rocker	3/8"-24	.620"	1.200"	ARP300-8241
Stamped Steel Rocker	7/16"-20	.640"	1.200"	ARP300-8242
Aluminum Rocker	3/8"-24	.550"	1.200"	ARP300-8243
Aluminum Rocker	7/16"-20	.550"	1.200"	ARP300-8245

Engine and Accessory Fastener Kits



Each of these kits contain: 12-point or hex-head bolts and washers for valve covers, oil pan, intake manifold, headers, fuel pump, water pump, front cover, thermostat housing, alternator brackets, coil and distributor brackets, and motor mounts.

Application	Black Oxide		Stainless	
	Hex	12-Point	Hex	12-Point
SB Chevy				
350-400	ARP534-9801	ARP534-9701	ARP534-9601	ARP534-9501
SB Ford				
289-302	ARP554-9801	ARP554-9701	ARP554-9601	ARP554-9501
351W	ARP554-9803	ARP554-9703	ARP554-9603	ARP554-9503



JOHN McCURE

Balancer Bolt Kits

Made from the finest aerospace-quality material, bolts have increased diameter with extra-tall 12-point heads. Balancer bolts are rated at 200,000 PSI tensile strength.



Part No.	Application
ARP134-2501	SB Chevy 7/16"-20 with 5/8" Head
ARP234-2501	SB Chevy 7/16"-20 with 13/16" Head
ARP150-2501	Ford 5/8"-18 with 5/8" Head, Exc. 351C

Square Drive Balancer Bolts

Heat-treated, 8740 chrome moly balancer bolts have a 200,000 PSI rating and accept a standard 1/2" drive ratchet for easy engine rotation. Helpful when adjusting valves or performing leak-down tests.



Part No.	Application
ARP134-2503	SB Chevy
ARP150-2503	Ford, All Except 351C

Cam Bolt Kits

ARP cam bolt kits feature oversized bolt head flanges for cam button retention. Reduced socket head size eases installation and removal. High Performance Series fasteners are rated at 180,000 PSI, and the Pro Series fasteners are rated at 200,000 PSI.



Application	12-Pt. Hi-Performance Series	12-Pt. Pro Series
SB and BB Chevy, .750" U.H.L.	ARP134-1001	ARP234-1001
SB and BB Chevy for Cam Button	—	ARP300-1001
SB Ford 1965-68 260-302, 1.460"	ARP154-1001	ARP254-1001
SB Ford 302-351W, 1969-Up	ARP155-1001	ARP255-1001
SB Ford 351SV0,	—	ARP250-1001
Cam Retainer Plate Bolt Kit	—	ARP250-1001

Oil Pump Driveshaft Kits

Don't depend on a stock oil pump driveshaft in any high-performance racing engine. ARP shafts are made from aerospace chrome moly, with an increased body diameter, and are centerless ground after heat treatment for perfect concentricity. Chevy driveshafts are rated at 190,000 PSI; Ford units are rated at 220,000 PSI.

Part No.	Application
ARP134-7901	SB Chevy
ARP154-7901	Ford 351W
ARP154-7904	Ford 289-302



[ARP134-7901](#)

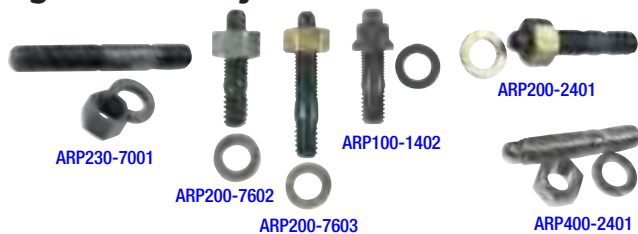


RYAN THOMAS

STEVE DATEMA



Engine Accessory Stud Kits



ARP accessory stud kits include the required number of studs for each application, washers, and either hex or 12-point nuts. Studs have a unique nut starter radius that helps prevent cross-threading, and are either black oxide coated or stainless steel. The 300 stainless material is not affected by extreme heat, eliminating retempering due to exhaust temperature cycles. Stud kits listed are rated at 170,000 PSI tensile strength.

Application	Black Oxide Hex Nuts	Black Oxide 12-Pt. Nuts	Stainless 300 Hex Nuts	Stainless 300 12-Pt. Nuts
Air Cleaner Stud Kit				
1/4" x 3.200" O.A.L.	—	—	ARP400-0306	—
Carburetor Stud Kits				
Standard, 5/16" x 1.700" O.A.L.	ARP200-2401	—	ARP400-2401	—
1/2" Spacer, 5/16" x 2.225" O.A.L.	ARP200-2403	—	ARP400-2403	—
1" Spacer, 5/16" x 2.700" O.A.L.	ARP200-2402	—	ARP400-2402	—
1-1/4" Moroso Spacer, 5/16" x 3.200" O.A.L.	ARP200-2408	—	ARP400-2408	ARP300-2408
2" Spacer, 5/16" x 3.700" O.A.L.	ARP200-2404	—	—	—
2" Moroso Spacer, 5/16" x 1.250" & 1.700" O.A.L.	ARP200-2409	—	—	—
3" Spacer, 5/16" x 4.700" O.A.L.	ARP200-2405	—	—	—
Valve Cover Stud Kits for Stamped Steel Covers				
1/4" with Nuts & Washers, 8 Pcs.	ARP200-7601	—	ARP400-7601	ARP400-7611
1/4" with Nuts & Washers, 14 Pcs.	ARP200-7602	ARP200-7612	ARP400-7602	ARP400-7612
Valve Cover Stud Kits for Cast Aluminum Valve Covers				
1/4" with Nuts & Washers, 8 Pcs.	ARP200-7603	ARP200-7613	ARP400-7603	ARP400-7613
1/4" with Nuts & Washers, 12 Pcs.	ARP200-7610	ARP200-7620	ARP400-7606	ARP400-7616
1/4" with Nuts & Washers, 14 Pcs.	ARP200-7604	ARP200-7614	ARP400-7604	ARP400-7614
1/4" with Nuts & Washers, 16 Pcs.	ARP200-7605	ARP200-7615	ARP400-7605	ARP400-7615
1/4", Dart/Brodix/B&B with Nuts & Washers, 8 Pcs.	—	ARP200-7616	—	—
Distributor Stud Kits				
Chevy	ARP130-1702	ARP130-1701	ARP430-1702	ARP430-1701
Ford	ARP150-1702	ARP150-1701	ARP450-1702	ARP450-1701
Header Stud Kits				
SB Chevy, 3/8" Dia., 1.670", 12 Pcs.	ARP100-1412	ARP100-1402	ARP400-1412	ARP400-1402
Timing Cover Stud Kits				
All Chevy V-8's	ARP200-1401	ARP200-1411	ARP400-1401	—
Oil Pan Stud Kits				
SB Chevy	ARP234-1901	ARP234-1902	ARP434-1901	—
SB Ford 289-351W, 351C	ARP254-1901	ARP254-1902	ARP454-1901	ARP454-1903
Oil Pump Stud Kits				
SB Chevy	ARP230-7001	ARP230-7002	—	—
SB/BB Chevy, 3.125" High Volume	ARP230-7003	ARP230-7004	—	—
Ford, 4 Pcs.	ARP150-6902	ARP150-6901	—	—

Engine Accessory Bolt Kits

Kits include the required number of bolts for a specified application, hardened washers, and either hex or 12-point heads and nuts. Bolts are either black oxide coated or stainless. The 300 stainless material is not affected by extreme heat, eliminating retempering due to exhaust temperature cycles. All accessory bolt kits are rated 170,000 PSI tensile strength.



Application	Black Oxide Hex	Black Oxide 12-Point	Stainless 300 Hex	Stainless 300 12-Point
Valve Cover Bolt Kits for Stamped Steel Covers				
350 SB Chevy, Centerbolt Covers, 8 Pcs.	—	—	ARP400-7509	ARP400-7510
Universal, 1/4"-20 x .515", 8 Pcs.	—	ARP100-7501	ARP400-7505	ARP400-7501
Universal, 1/4"-20 x .515", 14 Pcs.	ARP100-7506	—	ARP400-7506	ARP400-7502
Valve Cover Bolt Kits for Cast Aluminum Covers				
Universal, 1/4" x .812", 8 Pcs.	RP100-7507	RP100-7503	ARP400-7507	ARP400-7503
Universal, 1/4"-20 x .812", 14 Pcs.	ARP100-7504	—	ARP400-7508	ARP400-7504
Intake Manifold Bolt Kits				
SB Chevy, 265-400, Uses 3/8" Socket	ARP134-2001	ARP134-2101	ARP434-2001	ARP434-2101
SB Chevy Vortec-Most Intakes	ARP134-2002	ARP134-2103	ARP434-2002	ARP434-2102
Ford 260-351W, Uses 3/8" Socket	ARP154-2001	ARP154-2101	ARP454-2001	ARP454-2101
Thermostat Housing Bolt Kits				
Chevy	ARP130-7402	—	ARP430-7402	ARP430-7401
Ford 351W, .875" U.H.L.	ARP150-7402	—	—	—
Header Bolt Kits				
SB Chevy 3/8" Dia. .750" U.H.L., 12 Pcs.	ARP100-1101	ARP100-1201	ARP400-1101	ARP400-1201
SB Chevy 3/8" Dia. .750" U.H.L., Drilled, 12 Pcs.	ARP100-1103	ARP100-1203	ARP400-1103	ARP400-1203
GM LS, 1/4" Header Flange M8 x .984", 12 Pcs.	ARP134-1101	ARP134-1201	ARP434-1101	ARP434-1201
GM LS, 3/8" Header Flange M8 x 1.181", 12 Pcs.	ARP134-1102	ARP134-1202	ARP434-1102	ARP434-1202
Ford 3/8" Dia. .750" U.H.L., 16 Pcs.	ARP100-1102	ARP100-1202	ARP400-1102	ARP400-1202
Universal, 3/8" X .750", 12 Pcs.	ARP100-1107	ARP100-1207	ARP400-1107	ARP400-1207
Universal, 3/8" X .750", 16 Pcs., 5/16" Wrench Head	ARP100-1108	ARP100-1208	ARP400-1108	ARP400-1208
Universal, 3/8" X 1.00", 12 Pcs., 5/16" Wrench Head	ARP100-1109	ARP100-1209	ARP400-1109	ARP400-1209
Universal, 3/8" X 1.00", 16 Pcs., 5/16" Wrench Head	ARP100-1110	ARP100-1210	ARP400-1110	ARP400-1210
Timing Cover and Water Pump Bolt Kits				
Chevy V-8 Timing Cover	ARP200-1502	ARP200-1501	ARP400-1502	ARP400-1501
Chevy V-8 Water Pump	ARP130-3202	ARP130-3201	ARP430-3202	ARP430-3201
Ford 289-302	ARP154-1504	ARP154-1503	ARP454-1504	ARP454-1503
Alum.Tim. Cvr. and Wat. Pump	—	—	—	—
Fuel Pump Bolt Kits				
Chevy	ARP130-1602	ARP130-1601	ARP430-1602	ARP430-1601
Oil Pan Bolt Kits				
SB Chevy	ARP234-1802	ARP234-1801	ARP434-1802	ARP434-1801
SB Chevy, 1-Pc. Rubber Gasket	ARP134-1802	ARP134-1801	ARP434-1804	ARP434-1803
Ford 289-302, 351W, and 351C	ARP254-1802	ARP254-1801	ARP454-1802	ARP454-1801
Starter Bolt Kits				
Chevy, Standard 3.760" U.H.L.	—	—	ARP430-3502	ARP430-3501
Chevy, Long & Short, 1.88"/4.45"	—	—	ARP430-3505	—
Chevy, Long 4.450" U.H.L.	—	—	ARP430-3507	—
Ford, 2-Bolt, 1.500" U.H.L.	—	—	—	ARP450-3501



Fuel Pump Push Rod [ARP134-8701](#)



For small block Chevy, 1/2" x 5.750" overall length. Made from aerospace chrome moly, then centerless ground after heat treatment. Hollow construction provides lighter weight and quicker response. Do not use with roller camshaft.

Flywheel/Flexplate Bolt Kits

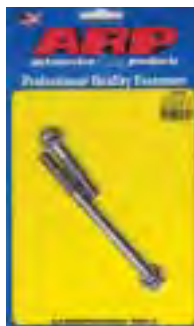
Flywheel/flexplate bolt replacements are forged from aerospace alloy and heat-treated prior to thread rolling and machining. Made with an exclusive 12-point head and larger-than-stock shank diameter for improved flywheel register. High-Performance Series bolts have a 180,000 PSI tensile strength; Pro Series are rated at 200,000 PSI.



Application	12-Pt. Hi-Performance Part No.	12-Pt. Pro Series Part No.
Chevy/Ford, 7/16"-20 x 1.00", 6 Pcs. (Flywheel)	ARP100-2801	ARP200-2802
Chevy/Ford, 7/16"-20 x .680", 6 Pcs. (Flexplate)	ARP100-2901	ARP200-2902
Chevy, Ext. Bal., 1987-Up, 7/16"-20 x .725" (Flexplate)	—	ARP200-2906
Chevy, 1-Pc. Seal, 1987-Up, 7/16"-20 x 1.00" (Flywheel)	—	ARP200-2807
Chevy with Tilton (Flywheel), 7/16"-20 x .875"	—	ARP330-2801
Ford 351, 3/4" Socket, 7/16"-20 x .925" (Flywheel)	—	ARP350-2802
Ford with Tilton (Flywheel), 7/16"-20 x .950"	—	ARP350-2801
Ford 2000cc (Flywheel), M10 x 1.0 x 1.150"	—	ARP151-2801
Ford 2000/2300cc (Flexplate) M10 x 1.0 x .800"	—	ARP251-2901

Stainless Steel Starter Bolt Kits

These bolts are rated at 180,000 psi tensile strength which is substantially stronger than grade 8 hardware. A small-diameter head makes accessibility more convenient. The custom 450 material is impervious to rust and corrosion and polished to a high-luster finish. Washers are included where required.



Part No.	Description
ARP430-3506	6-Pt. Bolt Kit, GM, 10mm x 1.775"/4.770", Long and Short Bolts NEW!
ARP430-3508	12 Point Bolt Kit, GM O.E. (1) 3/8-16 x 1.975" / (1) 3/8-16 x 4.660" UHL
ARP430-3509	12 Point Bolt Kit, GM O.E. (2) 3/8-16 x 4.660" UHL
ARP430-3511	12 Point Bolt Kit, GM O.E. (2) 10mm x 4.470" UHL
ARP430-3512	6 Point Bolt Kit, GM O.E. (2) 10mm x 4.470" UHL
ARP430-3513	12 Point Bolt Kit, GM Aftermarket (2) 3/8-16 x 4.400" UHL
ARP430-3514	6 Point Bolt Kit, GM Aftermarket (2) 3/8-16 x 4.400" UHL
ARP430-3515	12 Point Bolt Kit, GM Aftermarket (1) 3/8-16 x 1.750" (1) 3/8-16 x 4.400" UHL
ARP430-3516	6 Point Bolt Kit, GM Aftermarket (1) 3/8-16 x 1.750" (1) 3/8-16 x 4.400" UHL
ARP450-3503	6-Pt. Bolt Kit, Ford, 2-Bolt, 3/8" NEW!

Pressure Plate Bolt Kits

Engineered for motorsports competition, ARP pressure plate bolt kits are the finest available. High-Performance Series rated at 180,000 PSI. Pro Series rated at 200,000 PSI tensile strength.



Application	12-Pt. Hi-Performance Part No.	12-Pt. Pro Series Part No.
Chevy, 3/8"-16 with 9/16" Head	ARP130-2201	ARP230-2202
Ford, 5/16"-18 with 1/2" Head	ARP150-2201	ARP250-2201

Bellhousing Bolt Kits

Premium-grade bolt kits, manufactured from black oxide-finished chrome moly or rust-proof stainless steel, are engineered to thread into the engine block and resist loosening. Washers included where applicable.



Application	Black Oxide Hex	Black Oxide 12-Point	Stainless 300 Hex	Stainless 300 12-Point
Chevrolet V-6 and V-8, 3/8"-16 x 1.375"	ARP129-0901	ARP129-0902	ARP429-0901	ARP429-0902
GM LS Series, M10 x 1.5	ARP134-0901	ARP134-0902	ARP434-0901	ARP434-0902

Torque Converter Bolt Kits

High-performance, 200,000 PSI steel fasteners are engineered for superior torque converter to flexplate retention. Three per pack unless specified.



Part No.	Application
ARP230-7301	Powerglide, TH-350 & TH-400, OEM Converter, 3/8"-24 x .750"
ARP230-7302	Powerglide, TH-350 & TH-400, Race Converter, 7/16"-20 x .725"
ARP230-7303	Powerglide, TH-350 & TH-400, Race Converter, 7/16"-20 x 1.250"

Bert/Brinn Coupler Bolt Kit [ARP230-7306](#)

Includes (6) 7/16"-20 x 1.250" bolts. Fits pre-1986, two-piece rear main seal small block Chevy.



Ring Gear Bolt Kits

Developed to deal with the tremendous shock loads generated by today's race cars, these bolts are 8740 chrome moly steel, heat treated, and rated at 200,000 PSI.



Part No.	Application
ARP230-3001	GM 10 and 12 (3/8" Dia.) Bolt Kit .800" U.H.L.
ARP250-3002	Ford 9" (7/16" Dia.) Bolt Kit .940" U.H.L.
ARP250-3003	Ford 9" (7/16" Dia.) Bolt Kit .750" U.H.L.

Ford 9" Housing Stud Kit [ARP250-3005](#)

Ideal when assembling a Ford 9" rear, housing studs are 3/8"-24 x 1.645" U.H.L. Made from premium 8740 alloy and heat treated to 200,000 PSI. Sold in sets of ten with nuts and washers.





Wheel Stud Kits

ARP wheel studs are made from the finest materials, using modern manufacturing techniques, to meet exacting quality standards. Studs will withstand extreme shear loads up to 190,000 PSI. Made specifically for oval track racing, studs are cadmium plated and sold in packs of five.

Application	Length	Thread Size	Knurl Dia.	Part No.
Late GM Drum Brake	3-1/4"	7/16"-20	.486"	ARP100-7701
Late GM Disc and Early Drum Brake	3-1/4"	7/16"-20	.580"	ARP100-7702
Ford Rear Disc Brake/Chrysler Front	3-1/2"	1/2"-20	.625"	ARP100-7703
Speedway Engineering	2-15/16"	1/2"-20	.568"	ARP100-7706
Early Ford, Front Disc	3.050"	1/2"-20	.618"	ARP100-7707
Late GM Metric	2-1/2"	M12 x 1.5	.509"	ARP100-7708
Late GM Metric NEW!	2-1/2"	M12 x 1.5	.509"	ARP100-7725*
Late GM Metric NEW!	2"	M12 x 1.5	.509"	ARP100-7726†

*.200" nose eases lug nut installation. †.305" nose eases lug nut installation.

Speed Studs

Tough enough for use in NASCAR! with J-form threads, longer-than-standard nut-starter, and a bullet shaped radius to eliminate cross threading, studs are shot-peened, coated with baked-on dry lube and double magnafluxed.

Part No.	Thread Length	UHL Length	Knurl Length
Fine Thread 5/8"-18, .660" Knurl Dia.			
ARP300-7706	2.050"	2.900"	.825"
ARP300-7715	2.200"	3.050"	1.100"
ARP300-7717	2.500"	3.350"	1.400"
ARP300-7709	2.750"	3.600"	1.550"
Coarse Thread 5/8"-11, .685" Knurl Dia.			
ARP300-7806	1.900"	2.650"	.500"
ARP300-7804	3.220"	4.031"	.750"

Speed Nuts ARP300-7801

NASCAR-style, 5/8"-18 fine thread chrome moly nuts include precision J-formed threads and are profile-faced for easy installation and quicker socket releases. Rated at 190,000 PSI tensile strength and coated with Alumotef III gold coating. Sold in packs of ten.



AR Bodies

AR Bodies is committed to providing high-quality products to both the asphalt and dirt racing markets. Each panel has been designed and crafted to be the most aerodynamic available to provide a winning edge while maintaining ease of installation and a competitive price. AR Bodies is the founding manufacturer of ABC bodies and a long-time manufacturer of NASCAR Late Model Stock Car bodies. Available by special order only, please call for pricing and availability.

AVAILABLE BY SPECIAL ORDER



Ultra-Torque Fastener Assembly Lube

A must for serious engine building, moly-based lubricant helps achieve 5% of required pre-load on the first pull. It maintains consistency with each subsequent cycle and eliminates the need for re-torquing. Ultra-Torque has an effective lubrication range of -30° to 550°F and a load range of 500,000 PSI.



Part No.	Description
ARP100-9908	0.5 Fl. oz.
ARP100-9909	1.69 Fl. oz.
ARP100-9910	10 oz. with Brush Top
ARP100-9911	20 oz. with Brush Top

Thread Sealer ARP100-9904

Product delivers a flexible, leak-proof seal on aluminum, steel, stainless steel, and plastic, and is unaffected by coolants, water, gasoline, natural gas, or LPG. PTFE-based sealer includes rust and corrosion inhibitors, has a load range of up to 10,000 PSI, and an effective lubrication range of -30° to 550°F. Sold in a 1.69 fl. oz. container.



Tapered Ring Compressors

CNC-machined from 6061-T6 aluminum, ring compressors have a true radius for each bore size. Type 3 anodized for a long, corrosion-free life, and prominently engraved with the bore size.

Bore Size	Part No.
4.000"	ARP900-0000
4.020"	ARP900-0200
4.030"	ARP900-0300
4.040"	ARP900-0400
4.060"	ARP900-0600
4.070"	ARP900-0700
4.125"	ARP900-1250
4.145"	ARP900-1450
4.155"	ARP900-1550
4.165"	ARP900-1650
4.185"	ARP900-1850
4.280"	ARP900-2800



Super Damper

Super Dampers are unaffected by heat and control vibration throughout the entire RPM range. Dampers have unique, fully captured inertia rings, and patent-pending elastomer O-ring mountings for unequalled engine protection.



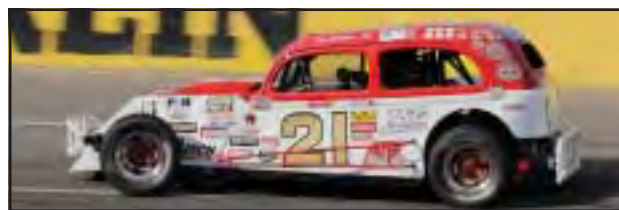
Part No.	Engine	Dia.	Material	Balance	Total Weight
Small Block Chevy, LS1					
ATI917211*	LS1, 1.483" Crank Snout	7"	Aluminum/Steel	Internal	6.25 lbs.
ATI917215*	Gen. III LS1	6.325"	Aluminum/Steel	Internal	6.3 lbs.
ATI917410	283-350	6.325"	Aluminum/Steel	Internal	3.9 lbs.
ATI917411*	283-350, 1.600" BBC Crank Snout	6.325"	Aluminum/Steel	Internal	3.9 lbs.
ATI917480	283-350	6.325"	Aluminum/Aluminum	Internal	3.9 lbs.
ATI917776*	Gen. III LS1	6.325"	Steel	Internal	8.3 lbs.
ATI917780	283-350	7"	Steel	Internal	11.5 lbs.
ATI917781	283-350	6.325"	Steel	Internal	8.3 lbs.
ATI917783*	283-350, 1.600 BBC Crank Snout	7"	Steel	Internal	11.5 lbs.
ATI917783K*	283-350, 1.600" BBC Crank Snout (2) Key	7"	Steel	Internal	11.5 lbs.
ATI917784*	283-350, 1.600" BBC Crank Snout	6.325"	Steel	Internal	8.3 lbs.
ATI917785	283-350	7.074"	Steel	Internal	11.5 lbs.
ATI917789	283-350	6.325"	Steel	Internal	8.3 lbs.

* Damper has a 2.280" counterbore to accept a dry sump drive mandrel.

Part No.	Engine	Dia.	Material	Balance	Total Weight
Small Block Ford					
ATI917511	289-351W, 3-Bolt, "C" Timing Tab	6.325"	Steel	Internal	6.00 lbs.
ATI917511AK*	289-351 W, 3-Bolt, "A" Timing Tab	6.325"	Steel	Internal	8.4 lbs.
ATI918895	289-351W, 3-Bolt, Exc. 1982-Up 5.0L	6.325"	Steel	External	6.00 lbs.
ATI918900†	302-351W, 351C	6.325"	Steel	External	6.00 lbs.
ATI918911†	289-351W, 28 oz., "B" Timing Tab	6.325"	Steel	External	6.00 lbs.
ATI918920†	289-351W	6.325"	Steel	Internal	6.00 lbs.

† Ford 4-Bolt Front.

* Damper has a 2.280" counterbore to accept a dry sump drive mandrel.



TOM BOORSMA

MARCUS BERGLUND

Timing Pointers

ATI's timing pointers are used specifically for Super Damper and have up to 4° of adjustment. CNC-machined from aluminum billet and black anodized for a professional appearance.

Part No.	Description
ATI918950	SB Chevy Pointer for 6-3/8" Damper
ATI918954	SB Chevy Pointer for 7" Damper
ATI918946	SB Ford, "B" Keyway, SVO Blocks with 3/8" Bolt Holes
ATI918947	SB Ford, "C" Keyway, SVO Blocks with 3/8" Bolt Holes
ATI918948	SB Ford, "B" Keyway, Stock Blocks with 5/16" Bolt Holes
ATI918949	SB Ford, "C" Keyway, Stock Blocks with 5/16" Bolt Holes



Sports Cell Series

Budget cells have molded, seamless hard rubber bladders, regular FT3 fill, powder-coated 20-gauge steel containers, twin fuel pickups, -8AN outlets (unless noted), fill plates, vent valves, and anti-surge foam baffling.



Part No.	Gallon	Weight	Length	Width	Height
ATLSP108*	8	25 lbs.	20.50"	12.40"	9.10"
ATLSP110*	10	30 lbs.	24.25"	12.75"	10.25"
ATLSP112*	12	31 lbs.	20.40"	17.75"	9.50"
ATLSP115	15	35 lbs.	24.50"	17.75"	9.50"
ATLSP122B	22	43 lbs.	25.00"	16.75"	13.75"
ATLSP122C	22	43 lbs.	34.00"	17.50"	9.50"

* Cell has -6AN outlet.

Super Cell "100" Series

Cells have powder-coated, 20-gauge steel containers and 3-layer ballistic nylon standard FT3 fill. Other features include TF600 aluminum fill plate, fill and vent valves, anti-surge foam baffling, and -8AN pick-up. Not for alcohol.



Part No.	Gallon	Application	Weight	Length	Width	Height
ATLSU115	15	Super Stock/SCCA	27 lbs.	24.50"	17.75"	9.50"
ATLSU117-FV	17	Late Model (Howe)	30 lbs.	34.00"	17.50"	7.00"
ATLSU122C	22	Late Model/SCCA	34 lbs.	34.00"	17.50"	9.50"

Super Cell "200" Series

Powder-coated 20-gauge steel cells house heavy-duty, 3-ply rubberized bladders with foam baffling and quick-fill flapper valves that meet NASCAR 2000 and FIA FT3.5 specifications. Cells have 1-1/2" O.D. vent valves, and -8AN pick-ups. Not for alcohol.



Part No.	Gallon	Application	Weight	Length	Width	Height
ATLSU222C	22	Late Model	36 lbs.	34.00"	17.50"	9.50"
ATLSU222E	22	NASCAR All-Pro	35 lbs.	33.00"	17.00"	9.25"



DLM Sports Cell

Engineered for dirt late models, cells have molded, seamless rubber bladders for superior resistance to alcohol or race gas. Includes a -10AN pickup, internal foam baffling, a 20-gauge powder-coated steel container, grade 8 hardware, -10AN return, -6AN vent, fill plate, "flap valve", and ball-type rollover valve. Meets FIA FT3 specs.



Part No.	Gallon	Description	Weight	Length	Width	Height
ATLSP126C-LM	26	Red/Steel	47 lbs.	25.25"	16.85"	17.25"
ATLSP132B-LM-W	32	White/Steel	56 lbs.	26.12"	19.00"	17.18"

Black Widow Series

Innovative fuel cells are engineered with a fuel-forward design and are designed exclusively for Dirt Late Models or Modifieds. Each cell features a 20-gauge steel, flat black powder-coated container that is fitted with a crash-resistant, FIA FT3 approved all-fuel bladder, anti-slosh foam baffling and anodized aluminum fill plate with billet cap, -10AN outlet, -6AN vent/roll-over valve, -8AN return, and -6AN dipstick. Cells are compatible with all fuels including race gas, E15, E85, and 100% methanol.



Part No.	Gallon	Application	Weight	Length	Width	Height
ATLSP116-LM	16	Dirt Late Model/Modified	36 lbs.	24.00"	21.25"	15.00"
ATLSP118-LM	18	Dirt Late Model/Modified	38 lbs.	24.00"	21.25"	15.80"
ATLSP128-LM	28	Dirt Late Model/Modified	42 lbs.	24.00"	21.25"	21.13"

Saver Cell

"Do-it-yourself" fuel cells are popular with vintage/club racers. Cell's seamless molded bladder must be assembled. Powder-coated fill plate, "duck foot" pick-up and strainer, removable foam baffling, and internal ball type -6AN vent valve are included. Available with single 1/2"-8AN or 3/8"-6AN outlet. Cells meet FIA FT3, SCCA, and USAC approval. Metal container is not included (drawing supplied).



Part No.	Gallon	Weight	Length	Width	Height	AN Size
ATLSA110	10	15 lbs.	23.00"	12.00"	9.75"	-6
ATLSA112	12	16 lbs.	19.75"	17.18"	9.18"	-6
ATLSA115	15	18 lbs.	23.75"	17.18"	9.18"	-8

Well Cell ATLWC112 NEW!

Engineered to fit directly into the spare tire well of most vehicles, durable "hard rubber" molded fuel bladder is FIA FT3 approved. Cell which is compatible with all types of fuels, is fully assembled with composite nut ring, SF103 safety foam baffling, duck-foot pick-up, and powder-coated steel fill plate with billet aluminum twist cap.



Part No.	Gallon	Weight	Length	Height	AN Size
ATLWC112	12	17 lbs.	22"	9.10"	-6

Race Cell

Small-capacity, 5-gallon fuel cells suitable to a variety of racing applications. Cell features a seamless, hard rubber bladder, includes 3" aircraft-style flush cap and is fully compatible with race gas, ethanol, and methanol blends up to 100%.



Part No.	Gallon	Weight	Length	Width	Height	AN Size
ATLRA105	5	8 lbs.	10.00"	10.00"	17.00"	-8

Duck Foot Fuel Trap

Pickup lays flat against the bottom of the fuel cell. The Duck Foot retains fuel around the pickup strainer for constant feed to the engine.



Part No.	Description
ATLTF239	-6AN
ATLTF240	-8AN
ATLTF442	-10AN

Re-Fueling Equipment NEW!

Part No.	Description
ATLRE105	Male 2-1/4" Probe, Connects to Dump Can, Vent Bottle or Overhead Rig
ATLRE169	5 Gallon Vent/Fill Bottle, with Safety Foam Baffling, Includes 45° Elbow
ATLRE182	Female 2-1/4" Receptacle, 9-Hole Fender/Deck Mount, Aluminum Bulb

ATLRE105



ATLRE182

ATLRE169

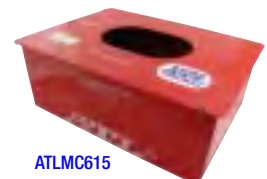
Fuel Cell

Replacement Components

Part No.	Description
ATLFB222B	Bladder for ATLSU222B, Meets FIA FT3.5, Includes Safety Foam, Nut-Ring and Gasket NEW!
ATLMC615	15-Gallon Steel Container, Fits All 15's Fuel Cells
ATLMC617	17-Gallon, Powder Coated Steel Container, 34" x 18" x 8", Dirt Late Model
ATLTF154	PTFE Fill Plate Washer, 1/4" I.D.
ATLTF207	Dipstick, 16" Long, May Be Cut to Desired Length
ATLTF240-S	"ScavenJet" Ready Fuel Pick-Up Hose, -8AN
ATLTF365	Flush Mount Cap, Aircraft Style (Poly), 3" Opening, 4-3/4" B.C./12-Hole NEW!
ATLTF564	Flap Valve for ATLTF600, ATLTF195, ATLTF473, 4-3/4" B.C., 12 Hole, 2-1/4" O.D. Fill, 45° NEW!
ATLTF600-8	Aluminum 6" x 10" Fill Plate Assembly, (2) -8AN Outlets
ATLTF602	Fuel Outlet Bulkhead Fitting, -6AN with 5/16" Nipple
ATLTF603-742	Regular Fill Neck with Cap and "Paddle Valve", 4-3/4" B.C./12-Hole NEW!
ATLTF653	Vent Valve Gasket, 2-1/2" B.C./8-Bolt NEW!



ATLTF602



ATLMC615

High Pressure In-Tank Electric Fuel Pump ATLCFD-104

Compact, high-pressure electric fuel pump offers 100 PSI of steady, consistent fuel pressure, ideal for EFI applications.



Part No.	Description
ATLCFD-401	Corrugated Fuel Tube, 5/16" I.D. x 12" Long, for CFD-104 Fuel Pump
ATLCFD-504	2-Wire Standard "Wire-Thru" Bulkhead, 12 or 14-Gauge Compatible

Gumout Jet Spray Carb + Choke Cleaner ATP800002231

New, improved formula cleans carburetors, throttle bodies, fuel injectors, and related components. Jet-spray aerosol delivers quick, effective cleaning. Sold in 13-ounce aerosol can.



WD-40 Smart Straw

Protect and lubricate literally thousands of items, preventing rust and corrosion. Smart Straw delivers a precision stream with the straw flipped up, or regular spray action with the straw flipped down. Offered in 8- or 11-ounce aerosol cans.

Part No.	Description
ATP490026	WD-40, 8-oz.
ATP490040	WD-40, 12-oz.



Sea Foam Motor Treatment ATPSF16

Suitable for gasoline or diesel-powered applications, engine additive cleans the entire fuel system, liquefying gum and varnish deposits, while also including the ability to lube upper cylinders and quiet noisy lifters. Sold in a 16-ounce bottle.



Sta-Bil Fuel Stabilizer ATP1108

Specialized additive prevents fuel deterioration. Ideal for generators, mopeds, or golf carts that sit for extended periods. Product protects fuel system during storage, keeping carburetors, fuel injectors, and fuel lines clean. One 10-ounce bottle treats 25 gallons of gasoline.



Power Service Diesel Kleen Cetane Boost

Specially-formulated diesel fuel additive helps clean injectors, while boosting power and fuel economy by up to 8%. Protects pumps and prevents injectors from sticking. Effective in all diesel fuels.

Part No.	Description
ATP3016	Diesel Kleen, 16-oz. Bottle
ATP3025	Diesel Kleen, 32-oz. Bottle
ATP3080	Diesel Kleen, 80-oz. Bottle



TerraCair Ultrapure Diesel Exhaust Fluid **NEW!** ATP00250

High-purity chemical is comprised of 32.5% urea and 67.5% de-ionized water and meets 2010 EPA Diesel Emission Standards and international standard ISO 22241. Sold in 2.5-gallon pour-spout container.



Bar's Leaks Radiator Stop Leak

Radiator Stop Leak stops and seals cooling system leaks in radiators, heater cores, freeze plugs, etc. Works with all types of anti-freeze. Heavy-duty Block Seal is engineered to seal larger leaks.

Part No.	Description
ATP1109	Block Seal Intake and Radiator Stop Leak, 18-oz.
ATP1194	Radiator Stop Leak, 6-oz.
ATP1196	Radiator Stop Leak, 11-oz.



Go-Jo Original Formula Hand Cleaner ATP1115

Hand cleaner uses a rich formula that helps remove the heaviest grease, grime, and oil. Soothing emollients treat dry, cracked hands. Sold in a large 4.5-lb. container.



Simple Green All-Purpose Cleaner ATP13002

Concentrated, all-purpose cleaner is strong, non-toxic, and biodegradable. Clean wheels, tires, tools, plastic, aluminum, vinyl, carpeting, upholstery, etc. Sold in 16-ounce spray bottle.



Armor All Protectant ATP10010

Restores new look to vinyl, rubber, and plastic parts, while guarding against dashboard cracking and discoloration. Original Protectant is sold in 10-ounce bottles.



Westley's Black Magic Bleche-White Tire Cleaner ATP120066

America's number one selling tire cleaner. Easy to use and fast acting, Bleche-White blasts away brake dust, grease, and grime, restoring that "new" tire look. Sold in 32-ounce spray bottle.



No Touch Tire Care ATPNT-15

Spray-on No Touch Tire Care delivers a rich satin finish to tires without the need for wiping. Repels dirt and moisture. Sold in a 15-ounce aerosol can.





Superbox CD Ignition System **NEW!**

ACL61212

Combining value and performance, Superbox CD ignition fires a series of multiple sparks at low RPM for improved combustion and instant throttle response. Compatible with 4-, 6-, or 8-cylinder engines that feature points, amplifiers, or magnetic pickup distributors, ignition provides full power output at high RPM. Integral, adjustable rev limiter offers over-rev protection.



Performance Replacement Chevy HEI Distributor

Plug-in replacement distributor has all-new components including vacuum advance, high-performance electronics, centerless ground shaft, iron or steel distributor gear, male tower distributor cap with brass contacts, and a balanced rotor. Fits all Chevy V8's except 348 and 409.



Part No.	Description
ACL59107	Chevy V8 HEI Distributor, without Coil
ACL59107C	Chevy V8 HEI Distributor, with In-Cap Ignition Coil

HEI Super Coils

Accel HEI Super Coil provides increased spark for crisper acceleration and better top-end performance. High-strength, molded case is finned for maximum heat dissipation.



Part No.	Description
ACL140003	HEI Super Coil with Red and Yellow Wires (Most Popular)
ACL140005	HEI Super Coil with Red and White Wires

Note: HEI Super Coil wires must match original HEI coil wire colors.

HEI Control Module **ACL35361**

Module fits stock and modified 1974-87 GM HEI distributors. Solid-state electronics promote reliable, high coil output while dwell control ensures long, consistent coil charging. Current control circuit protects against coil overheating.



Note: When installing HEI control modules, always use Thermal Joint Compound to minimize module temperature.

GM HEI Cap and Rotor Kits

GM HEI caps and rotors are made from 60KV-rated alkyl molding compound for superior protection from "arc-through" and crossfire. Caps are stress-relieved for dimensional stability, fitted with high conductivity, corrosion-resistant brass inserts and stainless steel rotor springs for unrestricted spark energy flow.



Part No.	Description
ACL8122	GM HEI Performance Tan Kit
ACL8123	GM HEI Heavy-Duty Black Kit

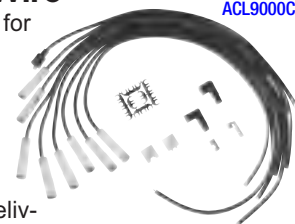
Super Coil **ACL140001**

With over 50,000-volt capability, the Super Coil produces all the spark a racing engine needs. Extremely reliable, even in high-temperature engine compartments.



Extreme 9000 Ceramic Wire

Ferro-Spiral 8mm wire is the cure for burned spark plug wire boots. Ideal for applications where header-to-spark plug wire clearance is a concern, wire sets use ceramic boots that can withstand up to 2,000°F of heat. Sets are constructed using 500 ohms/ft. spiral core wire that delivers maximum spark energy, while also providing the highest levels of RFI/EMI suppression. Universal V8 wire sets, with choice of straight, 90° or 115° spark plug boots, include boots and terminals for male and female tower distributor caps.



Part No.	Description
ACL9000C	Universal Straight Wire Set
ACL9001C	Universal 90° Wire Set
ACL9002C	Universal 115° (Ford Style) Wire Set
ACL9018C	SB Chevy, under Valve Covers, HEI, 90° Spark Plug Boots
ACL9020C	SB Chevy Custom Wire Set, HEI, 90° Spark Plug Boots
ACL9022C	SB Ford Custom Wire Set, HEI, 115° Spark Plug Boots

8.8mm 300+ Race Wire

Ultra-low-resistance wires deliver more spark current to the plugs. A much larger conductor is spiral wound around the core, effectively reducing internal resistance for a 325% increase in current flow.



Part No.	Description
ACL7048	SBC with HEI, Wires over Valve Cover up to 1980
ACL7050	SBC with HEI, Wires under Exhaust
ACL7054	SB Ford with Male Post Distributor Cap
Custom Tailored Race Applications with Pro Sleeve	
ACL7004	SBC with HEI, Over Valve Covers

HEI Battery and Tachometer Pigtail Connector **ACL170072**

Replacement 10" long color-coded pigtail connector is designed for use with GM HEI distributors.



Heavy-Duty Professional Crimp Tool **ACL170036**

Well suited for making custom plug wire sets or other wiring tasks, heavy-duty steel-framed crimping tool includes molded, non-slip hand grips and the adjustable ratchet mechanism helps provide OEM type crimps. Sold with three removable stripping and crimping die jaws.





Copper Core Spark Plugs

High-performance Copper Core spark plugs provide a hotter spark and faster burn rate for increased horsepower at high RPM's. One-piece construction plugs feature a conventional ground electrode and a Purified Alumina insulator to improve throttle response and fuel economy while preventing arcing and misfires. Precision, machine-rolled threads offer superior thread engagement and protect cylinder heads. Sold as a four-pack only. **Please see page 843 for applications.**



Racing Clutch Assemblies

Small block Chevy lightweight clutches at an affordable price. Button-style clutch assemblies have flywheels with no ring gear and generally are used with an automatic flexplate and block-mount starter.

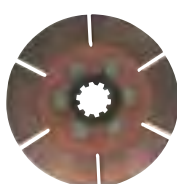
7-1/4" Button Clutches (Std. Weight)



Rear
Part No.



Front



Replacement Clutch

ACER725003K2	Clutch Assembly, 2 Disc 1-1/8" x 10-Spline
ACER725003K3	Clutch Assembly, 3 Disc 1-1/8" x 10-Spline
ACER725016K2	Clutch Assembly, 2 Disc 1-1/8" x 10-Spline, 1987-Up

Replacement Clutch Disc Packs

ACER725102K3	3 Disc 1-5/32" x 26-Spline
ACER725103K	1 Disc 1-1/8" x 10-Spline
ACER725103K2	2 Disc 1-1/8" x 10-Spline
ACER725103K3	3 Disc 1-1/8" x 10-Spline

Note: Ace Racing Series clutches are designed to be used with radius-face release bearings only. Ace replacement discs also fit Tilton and Quarter Master assemblies.

Clutch Weights

Description	5-1/2"	7-1/4"
Maxi-Lite 2-Disc	8.20 lbs.	11.80 lbs.
Maxi-Lite 3-Disc	9.70 lbs.	14.45 lbs.

Flywheel Bolt Kit

ACER725500K

Secures flywheel to crankshaft on 5.5" or 7.25" Chevy button clutch applications. Includes six ARP 7/16"-20 x .875" long bolts. Required with ACE Racing flywheels.



10-1/2" Performance Clutches

Ace 10-1/2" dia. performance clutches for Chevy applications have the holding power required for demanding oval track applications.



ACER105311HDK



ACER105116K

Part No.

Description

ACER105116K	10-1/2" Metallic Disc, 1-1/8", 10-Spline, 3.35 lbs.
ACER105119K	10-1/2" Organic Disc, 1-1/8" 10-Spline
ACER105311HDK	10-1/2" GM Pressure Plate, Ductile Ring, 13.7 lbs.

GM Stock Rules

10.5" Clutch Kits **NEW!**

Engineered as truly track-proven components, kits include Ace's most popular clutch and rigid discs for smooth engagement and unsurpassed durability. Each kit includes a 10.5" medium weight diaphragm clutch with a ductile iron pressure plate, proprietary ceramic or performance organic clutch disc, alignment tool, and instructions.



Part No.

Description

ACER105316K	10.5" GM Stock Rules Clutch Kit, Ceramic Disc
ACER105319K	10.5" GM Stock Rules Clutch Kit, Organic Disc



Chevy Flywheels

Ace Racing offers popular Chevy 153-tooth flywheels for both early and late V8's.

Part No.

Application

Balance

Clutch Dia.

Weight

ACER105205K	Chevy 153-T, 1987-Up	External	10.5"	15.84 lbs.
ACER105206K	Chevy 153-T, Pre-1987	Internal	10.5"	16.60 lbs.
ACER105207K	Chevy 153-T, Pre-1987	Internal	10.5"	24.27 lbs.



RYAN VANDERVEEN

STEVE DATEMA



Series 30 Rolled Shell

Four-lug wheels have seven-hole, "D"-window center discs manufactured from rigid HSLA material using a new torque ring design. Wheels have low run-out and knife-edged bead humps. Offered in black, silver, and chrome.

Wheel Size	Back Spacing	4" Bolt Circle	4-1/4" Bolt Circle			4-1/2" Bolt Circle			Weight
		Black	Black	Silver	Chrome	Black	Silver	Chrome	
13" x 7"	2"	—	ARW30-174220	—	—	ARW30-174520	ARW30-074520	ARW30-274520	15 lbs.
13" x 7"	3"	—	—	—	—	ARW30-174530	—	—	15 lbs.
13" x 8"	2"	—	ARW30-184220	ARW30-084220	ARW30-284220	ARW30-184520	ARW30-084520	—	16 lbs.
13" x 8"	3"	—	ARW30-184230	—	—	ARW30-184530	—	—	16 lbs.
13" x 8"	4"	ARW30-184040	—	—	—	—	—	—	16 lbs.

Series 31 Spun Shell

Four-lug, 13" wheels have "D"-shaped holes and are available in black, silver, or chrome.

Wheel Size	Back Spacing	4" Bolt Circle	4-1/4" Bolt Circle		4-1/2" Bolt Circle		Weight
		Black	Black	Silver	Black	Chrome	
13" x 7"	3"	ARW31-174030	ARW31-174230	—	—	—	13 lbs.
13" x 7"	3.5"	ARW31-174035	ARW31-174235	—	—	—	13 lbs.
13" x 8"	2"	ARW31-184020	ARW31-184220	ARW31-084220	ARW31-184520	ARW31-284520	14 lbs.
13" x 8"	3"	ARW31-184030	ARW31-184230	—	ARW31-184530	ARW31-284530	14 lbs.
13" x 8"	4"	ARW31-184040	ARW31-184240	—	ARW31-184540	—	14 lbs.
13" x 10"	3"	—	ARW31-104230	—	—	—	16 lbs.



Series 33 Beadlock

Rolled-formed 13" beadlock wheels have seven-hole, "D"-window centers. Black, chrome, or silver.

Wheel Size	Back Spacing	4" Bolt Circle	4-1/4" Bolt Circle		4-1/2" Bolt Circle		Weight
		Black	Black	Chrome	Black	Silver	
13" x 7"	2"	—	ARW33-174220B	—	ARW33-174520B	ARW33-074520S	19 lbs.
13" x 7"	3"	—	ARW33-174230B	—	—	—	19 lbs.
13" x 8"	2"	ARW33-184020B	ARW33-184220B	ARW33-284220	ARW33-184520B	ARW33-084520S	21 lbs.
13" x 8"	3"	ARW33-184030B	ARW33-184230B	—	—	—	21 lbs.



Series 50 Rolled Shell

50 Series wheels have "D" shaped holes. 15", five-lug wheels are offered in black, silver or chrome.

Wheel Size	Back Spacing	4-1/2" Bolt Circle		4-3/4" Bolt Circle			5" Bolt Circle			Weight
		Black	Silver	Black	Silver	Chrome	Black	Silver	Chrome	
15" x 7"	2"	ARW50-174520	—	ARW50-174720	ARW50-074720	ARW50-274720	ARW50-175020	—	—	21 lbs.
15" x 7"	3"	—	—	ARW50-174730	ARW50-074730	ARW50-274730	—	—	ARW50-275030	21 lbs.
15" x 7"	3-1/2"	ARW50-174535	ARW50-074535	ARW50-174735	ARW50-074735	ARW50-274735	ARW50-175035	ARW50-075035	—	21 lbs.
15" x 7"	4"	—	—	ARW50-174740	ARW50-074740	—	ARW50-175040	ARW50-075040	—	21 lbs.
15" x 8"	1"	—	—	ARW50-184710	—	—	ARW50-185010	—	—	21 lbs.
15" x 8"	2"	ARW50-184520	ARW50-084520	ARW50-184720	ARW50-084720	ARW50-284720	ARW50-185020	ARW50-085020	ARW50-285020	23 lbs.
15" x 8"	3"	ARW50-184530	ARW50-084530	ARW50-184730	ARW50-084730	ARW50-284730	ARW50-185030	ARW50-085030	—	23 lbs.
15" x 8"	4"	ARW50-184540	ARW50-084540	ARW50-184740	ARW50-084740	ARW50-284740	ARW50-185040	ARW50-085040	—	23 lbs.
15" x 10"	1"	—	—	ARW50-104710	—	—	—	—	—	25 lbs.
15" x 10"	2"	ARW50-104520	—	ARW50-104720	ARW50-004720	—	ARW50-105020	ARW50-005020	—	25 lbs.
15" x 10"	3"	ARW50-104530	—	ARW50-104730	ARW50-004730	—	ARW50-105030	ARW50-005030	—	25 lbs.
15" x 10"	4"	ARW50-104540	—	ARW50-104740	ARW50-004740	—	ARW50-105040	ARW50-005040	—	25 lbs.
15" x 10"	5"	ARW50-104550	—	ARW50-104750	—	—	ARW50-105050	—	—	25 lbs.
15" x 12"	4"	—	—	ARW50-124740	—	—	—	—	—	25 lbs.



Series 51 Spun Steel

51 Series wheels have "D"-shaped holes. Not recommended for dirt use - no safety bead. Wheels with an "RF" suffix feature reinforced rim shells to prevent wheel damage during high-load, high-bank situations.



Wheel Size	Back Spacing	4-3/4" Bolt Circle		5" Bolt Circle			Weight
		Black	Silver	Black	Silver	Chrome	
15" x 8"	1"	ARW51-184710	—	ARW51-185010	ARW51-085010	ARW51-285010	18 lbs.
15" x 8"	2"	ARW51-184720	—	ARW51-185020	ARW51-085020	ARW51-285020	18 lbs.
15" x 8"	3"	ARW51-184730	—	ARW51-185030	ARW51-085030	ARW51-285030	18 lbs.
15" x 8"	4"	—	—	ARW51-185040	—	ARW51-285040	18 lbs.
15" x 10"	1"	ARW51-104710-RF	—	—	—	—	20 lbs.
15" x 10"	2"	ARW51-104720-RF	ARW51-004720-RF	ARW51-105020-RF	ARW51-005020-RF	ARW51-205020-RF	20 lbs.
15" x 10"	3"	ARW51-104730-RF	ARW51-004730-RF	ARW51-105030-RF	ARW51-005030-RF	ARW51-205030-RF	20 lbs.
15" x 10"	4"	ARW51-104740-RF	—	ARW51-105040-RF	—	ARW51-205040-RF	20 lbs.
15" x 10"	4-1/2"	—	—	ARW51-105045-RF	—	—	20 lbs.
15" x 10"	5"	ARW51-104750-RF	—	ARW51-105050-RF	—	ARW51-205050-RF	20 lbs.
15" x 10"	5-1/2"	—	—	ARW51-105055-RF	—	—	20 lbs.

Series 51 Spun Steel Wide 5

51 Series wheels feature a welded ring. Not recommended for dirt use - no safety bead. Wheels with an "RF" suffix feature reinforced rim shells to prevent wheel damage during high-load, high-bank situations.

Wheel Size	Back Spacing	Wide 5			Weight
		Black	Silver	Chrome	
15" x 8"	2"	ARW51-180520	ARW51-080520	—	14 lbs.
15" x 8"	3"	ARW51-180530	ARW51-080530	—	14 lbs.
15" x 8"	4"	ARW51-180540	ARW51-080540	—	14 lbs.
15" x 8"	5"	ARW51-180550	ARW51-080550	—	14 lbs.
15" x 10"	2"	ARW51-100520-RF	ARW51-000520-RF	ARW51-200520-RF	18 lbs.
15" x 10"	3"	ARW51-100530-RF	ARW51-000530-RF	ARW51-200530-RF	18 lbs.
15" x 10"	4"	ARW51-100540-RF	ARW51-000540-RF	ARW51-200540-RF	18 lbs.
15" x 10"	4-1/2"	ARW51-100545-RF	—	ARW51-200545-RF	18 lbs.
15" x 10"	5"	ARW51-100550-RF	ARW51-000550-RF	ARW51-200550-RF	18 lbs.
15" x 10"	5-1/2"	ARW51-100555-RF	ARW51-000555-RF	ARW51-200555-RF	18 lbs.
15" x 10"	6"	ARW51-100560-RF	ARW51-000560-RF	ARW51-200560-RF	18 lbs.
15" x 10"	6-1/2"	ARW51-100565-RF	—	—	18 lbs.



Series 51
Wide 5



Series 52 Rolled Shell Tabbed Non-Beadlock

Similar to traditional Series 52 wheels with the addition of three tabs that allow direct mud cover attachment.

Wheel Size	Back Spacing	4-3/4" Bolt Circle			5" Bolt Circle		
		Black	Silver	Chrome	Black	Silver	Chrome
15" x 8"	1"	ARW52-184710T3	ARW52-084710T3	ARW52-284710T3	ARW52-185010T3	ARW52-085010T3	ARW52-285010T3
15" x 8"	2"	ARW52-184720T3	ARW52-084720T3	ARW52-284720T3	ARW52-185020T3	ARW52-085020T3	ARW52-285020T3
15" x 8"	3"	ARW52-184730T3	ARW52-084730T3	ARW52-284730T3	ARW52-185030T3	ARW52-085030T3	ARW52-285030T3
15" x 8"	4"	ARW52-184740T3	—	ARW52-284740T3	ARW52-185040T3	ARW52-085040T3	ARW52-285040T3



Series 52

Series 52 Rolled Shell IMCA-Legal

Wheel Size	Back Spacing	4-1/2" Bolt Circle		4-3/4" Bolt Circle			5" Bolt Circle			Weight
		Black	Silver	Black	Silver	Chrome	Black	Silver	Chrome	
15" x 8"	1"	—	ARW52-084510	ARW52-184710	ARW52-084710	ARW52-284710	ARW52-185010	ARW52-085010	ARW52-285010	19 lbs.
15" x 8"	2"	ARW52-184520	—	ARW52-184720	ARW52-084720	ARW52-284720	ARW52-185020	ARW52-085020	ARW52-285020	19 lbs.
15" x 8"	3"	ARW52-184530	—	ARW52-184730	ARW52-084730	ARW52-284730	ARW52-185030	ARW52-085030	ARW52-285030	19 lbs.
15" x 8"	4"	ARW52-184540	ARW52-084540	ARW52-184740	ARW52-084740	ARW52-284740	ARW52-185040	ARW52-085040	ARW52-285040	19 lbs.

Series 52 Rolled Shell IMCA-Legal Colored Chrome Wheels

Wheel Size	Back Spacing	4-3/4" Bolt Circle		5" Bolt Circle	
		Blue Chrome	Black Chrome	Blue Chrome	Red Chrome
15" x 8"	2"	ARW52-984720BLU	ARW52-985020BLK	ARW52-985020BLU	ARW52-985020RED
15" x 8"	3"	ARW52-984730BLU	ARW52-985030BLK	ARW52-985030BLU	ARW52-985030RED
15" x 8"	4"	—	ARW52-985040BLK	ARW52-985040BLU	—

* Many other colored chrome wheels are available by special order. Please see page 202 for more information.





Series 52 Left Rear Rolled Shell IMCA-Legal

Designed for use on the left rear, wheel shell has been reversed so that the large bead retainer is on the inside bead of the wheel. Choose from standard or wheels with three tabs that allow direct mud cover attachment.

Wheel Size	Back Spacing	4-3/4" Bolt Circle	5" Bolt Circle	
		Black	Black	Silver
Traditional Wheels				
15" x 8"	2"	ARW52-184720L	ARW52-185020L	ARW52-085020L
Tabbed Wheels				
15" x 8"	2"	—	ARW52-185020LT3	—



Series 53 Beadlock IMCA-Legal

IMCA-legal, 53 series beadlock wheels weigh 23 lbs. Offered in black, silver, chrome, or blue chrome

Wheel Size	Back Spacing	4-1/2" Bolt Circle		4-3/4" Bolt Circle			5" Bolt Circle			
		Black	Silver	Black	Silver	Chrome	Black	Silver	Chrome	Blue Chrome
15" x 8"	2"	ARW53-184520B	—	ARW53-184720B	ARW53-084720S	—	ARW53-185020B	ARW53-085020S	ARW53-285020	—
15" x 8"	3"	ARW53-184530B	—	ARW53-184730B	ARW53-084730S	ARW53-284730	ARW53-185030B	ARW53-085030S	ARW53-285030	ARW53-985030BLU
15" x 8"	4"	ARW53-184540B	—	ARW53-184740B	ARW53-084740S	ARW53-284740	ARW53-185040B	ARW53-085040S	ARW53-285040	ARW53-985040BLU



Series 53 Beadlock

Standard wheels weigh 26 lbs.; Wide 5 wheels weigh 24 lbs.

Wheel Size	Back Spacing	4-3/4" Bolt Circle		5" Bolt Circle		Wide 5	
		Black	Silver	Black	Silver	Black	Silver
15" x 10"	2"	ARW53-104720B	ARW53-004720S	ARW53-105020B	ARW53-005020S	ARW53-100520B	—
15" x 10"	3"	ARW53-104730B	ARW53-004730S	ARW53-105030B	ARW53-005030S	ARW53-100530B	ARW53-000530S
15" x 10"	4"	ARW53-104740B	—	ARW53-105040B	ARW53-005040S	ARW53-100540B	—
15" x 10"	5"	ARW53-104750B	—	ARW53-105050B	ARW53-005050S	ARW53-100550B	—

Series 55 15" 4-Lugs

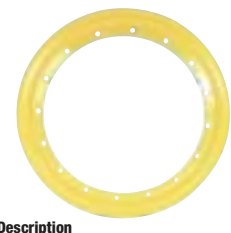
Series 55, 15" wheels are now available in 4 x 100mm or 4 x 115mm bolt circle. Wheels combine HSLA center discs, knife-edged bead humps, maximum bead seats, and a low run-out. Black only.



Wheel Size	Back Spacing	100mm Bolt Circle	115mm Bolt Circle
		Black	Black
15" x 7"	3-1/2"	ARW55-174035	—
15" x 7"	4"	ARW55-184040	ARW55-184540

Outer Beadlock Rings

Replacement outer rings are for Aero beadlock wheels. Offered in yellow, silver or chrome plated steel in 13" or 15" versions.



Part No.	Description
ARW54-500002	15" Yellow Outer Beadlock Ring, Steel
ARW54-500004	15" Chrome Outer Beadlock Ring, Steel
ARW54-500012	13" Silver Outer Beadlock Ring, Steel NEW!
ARW54-500020	13" Chrome Outer Beadlock Ring, Steel

Rim Wrench ARW54-500005

Engineered specifically for straightening the outer edges of a damaged wheel without cracking or creasing it.



Left Rear Inner Mud Covers

Keep mud from building up inside left rear wheel. Spun aluminum covers fit between the wheel and hub and attach to any Aero 15" standard 5-lug or Wide 5 wheels.

Part No.	Description
ARW54-500009	Universal Fit, 2" Offset
ARW54-500010	Universal Fit, 3" Offset
ARW54-500011	Universal Fit, 4" Offset



Beadlock Kit ARW54-500007

Kit includes weld-on inner ring with mud cover tabs, yellow outer ring, bolt kit, and mud cover installation hardware.



Part No.	Description
ARW54-500003	Replacement Bead Lock Bolt Kit
ARWP905504	Replacement Spring for Beadlock Ring



Series 56 Spun Extreme Bead

New lightweight, CNC-spun wheel's oversized bead seat and knife-edged bead hump "lock" the tire in place and prevent it from spinning on the rim. Extreme Bead wheels weigh just 18 lbs., and are ideal for tracks requiring 15" x 8" non-beadlock wheels without a minimum weight.

Wheel Size	Back Spacing	4-3/4" Bolt Circle		5" Bolt Circle		
		Black	Chrome	Black	Silver	Chrome
15" x 8"	1"	—	ARW56-284710	—	—	—
15" x 8"	2"	—	ARW56-284720	ARW56-185020	ARW56-085020	ARW56-285020
15" x 8"	3"	ARW56-184730	—	ARW56-185030	—	—



Series 58 Lightweight Rolled Shell

Standard wheels weigh 21 lbs.; Wide 5 wheels weigh 18 lbs.

Wheel Size	Back Spacing	4-1/2" Bolt Circle		4-3/4" Bolt Circle		
		Black	Chrome	Black	Silver	Chrome
15" x 10"	1"	—	—	ARW58-104710	—	—
15" x 10"	2"	—	—	ARW58-104720	—	—
15" x 10"	3"	ARW58-104530	—	ARW58-104730	ARW58-004730	ARW58-204730
15" x 10"	4"	—	—	ARW58-104740	—	—

Wheel Size	Back Spacing	5" Bolt Circle		Wide 5		
		Black	Silver	Black	Silver	Chrome
15" x 10"	2"	ARW58-105020	ARW58-005020	—	ARW58-000520	—
15" x 10"	3"	ARW58-105030	—	ARW58-100530	—	—
15" x 10"	4"	ARW58-105040	—	ARW58-100540	ARW58-000540	ARW58-200540
15" x 10"	5"	ARW58-105050	—	ARW58-100550	ARW58-000550	ARW58-200550



AeroBrite Colored Chrome

Aero 52 and 53 Series wheels are also available in popular AeroBrite colors by special order only. Choose from black chrome, blue chrome, gold chrome, green chrome, orange chrome, pink chrome, purple chrome, or red chrome colors.

Part Number Key for AeroBrite Wheels
Example: ARW52-985020BLK

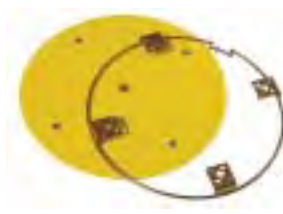
ARW52-	9	8	50	20	BLK
Wheel Series	Finish	Wheel Width	Bolt Pattern	Back Spacing	Color
Specify 52 or 53	9 - Colored Chrome	8 - 8"	45 - 5 x 4-1/2"	10 - 1"	BLK - Black
			47 - 5 x 4-3/4"	20 - 2"	BLU - Blue
			50 - 5 x 5"	30 - 3"	GRN - Green
				40 - 4"	ORG - Orange
					PIN - Pink
					RED - Red
					PUR - Purple
					GOL - Gold



G2 Non-Beadlock Mud Cover Kits

Newly designed mud cover fits to the outside edge of the wheel with four mounting tabs that have been relocated farther inboard for improved durability and cover retention.

Kits are offered with plastic or aluminum covers in a wide variety of colors. Covers are also offered separately for replacement.



Description	Complete Kit Part No.	Replacement Cover Part No.
White Plastic	ARW54-500034	—
Clear Plastic	ARW54-500035	ARWP905520CLR
Black Plastic	ARW54-500036	ARWP905520BLK
Blue Plastic	—	ARWP905520BLU
Yellow Plastic	ARW54-500039	—

Part No.

Description

Replacement Components	
ARWP905492	Quick Fastener Button
ARWP905519	Mounting Ring

Clear Mud Cover

ARW54-300003

Durable clear mud cover has a scalloped design to clear the bolt heads of a beadlock and provide a full 360° of support.



Mudbuster Beadlock Ring

One-piece beadlock ring/mud cover is only 1-1/4 pounds heavier than standard ring and is a direct fit on any Aero beadlock wheel. An optional red plastic plug is available for the center hole.

Part No.	Description
ARW54-500000	Chrome Mudbuster Beadlock Ring
ARW54-500001	Yellow Mudbuster Beadlock Ring
ARW54-300004	Red Plastic Plug



ARW54-500000

Mud Covers for Beadlock Wheels

Mud covers attach to Aero beadlock wheels with quarter turn fasteners, keeping mud out of the wheels. Offered in durable ABS plastic construction, covers are sold complete with necessary fasteners, springs, and rivets.



ARW54-300001

Part No.	Description
ARW54-300001	White ABS Plastic Mud Cover
ARW54-300005	Chrome ABS Plastic Mud Cover
Replacement Components	
ARW54-300002	Mud Cover Installation Kit
ARWP048337	Replacement Press Nut for Inner Beadlock Ring, Each
ARWP905504	Replacement Spring, Each
ARWP905509	Replacement Quick Fastener Button, Each



NEW VENDOR

325 and 340 Stealth Fuel Pumps

High-output, in-tank electric fuel pumps satisfy the needs of most popular EFI applications and bolt right into most existing hanger assemblies. Lightweight, compact pumps boast over 30% more flow than typical high-performance in-tank pumps and retain the factory wiring and mounting provisions. Fit most vehicles where a Walbro 255 pump is applicable. Offered in 325 lph and 340 lph versions, pumps include all drop parts, hose, hose clamp, and wiring harness.



Part No.	Description
AFS11541*	Stealth 340, 1985-87 & 1992-96 Honda Prelude
AFS11565*	Stealth 325, 2001-05 & 2006-13 Honda Civic
AFS11569*	Stealth 340, 1985-92 Various GM Cars

* Pump fits many other applications, please refer to the application guide on www.aeromotiveinc.com.

Inline EFI Fuel Pump [AFS11109](#)

Affordable and capable of supporting up to 500 naturally aspirated horsepower. Typically used as a secondary pump with an existing in-tank unit.



SS Adjustable Regulators

Adjustable from 5-12 PSI, regulators have 3/8" NPT or -6AN inlet and outlet ports. Fittings are sold separately.



Part No.	Description
AFS13201	Carbureted Adjustable Regulator, -6AN Ports
AFS13205	Carbureted Adjustable Regulator, 3/8" NPT Ports

Double-Adjustable Bypass Regulator [AFS13214](#)

Designed exclusively for use with variable volume fuel pumps, innovative regulator features two independent pressure adjustments, one for idle and another for wide open throttle. Ideal for use with KSE, Sweet, or Waterman tandem drive fuel pumps. Regulator includes (2) -10AN ORB ports.



Fuel Pressure Gauges

Compact, easily read gauges are 1-1/2" diameter with stainless steel cases. Choose from gauges for carbureted (0-15 PSI) or fuel injected (0-100 PSI) applications.



Part No.	Description
AFS15632	Fuel Pressure Gauge, 0-15 PSI
AFS15633	Fuel Pressure Gauge, 0-100 PSI

Fuel Pump Wiring Kit [AFS16301](#)

Kit includes 30-amp relay, necessary wiring, terminals, and tie wraps to properly wire an electric fuel pump.



Microglass Inline Filters

Inline filters are compact, yet deliver unsurpassed fuel flow. Filters use 10-micron microglass elements that boast more pleats and a large filtering area. Filters are machined from aircraft-grade billet aluminum and precision hard coated for durability. Compatible with gasoline, E85, or alcohol, filters are offered with red or black anodized finish.



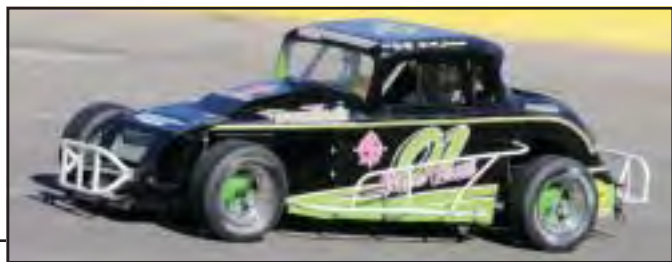
Description	Red	Black	Element Only
Inline Filter, Female -10AN Ports	AFS12340	AFS12350	AFS12601

Inline Filters

Designed for applications with 200 to 3,000+ horsepower, 5-1/2" long x 2" diameter filters have female -10AN ports and 10-micron fabric elements in choice of red or black housings.



Description	Red	Black	Element Only
Inline Filter, Female -10AN Ports	AFS12301	AFS12321	AFS12601



FAITH SCHUCH

MARCUS BERGLUND



StartLite Hose and Fittings

StartLite hose is 45% lighter than conventional high-performance assemblies. Hose has a patented AQP elastomer inner tube and Nomex outer cover. Combine with aluminum crimp-style fittings for substantial weight savings. Use for fuel, lube, coolant, and air systems. Sizes -04 through -20AN. Crimp with Aeroquip ET1000 Series crimp machine. May also be used with reusable fittings.

Hose Dash Size	I.D.	O.D.	Max. Oper. Pressure	Min. Bend Radius	Weight Per Ft.	Vacuum Service	6 Ft. Length	10 Ft. Length	20 Ft. Length
-04	.22"	.43"	500	2.00"	.05 lbs.	20	AERFCU0406	AERFCU0410	AERFCU0420
-06	.34"	.55"	500	2.50"	.08 lbs.	20	AERFCU0606	AERFCU0610	AERFCU0620
-08	.44"	.64"	500	3.50"	.11 lbs.	20	AERFCU0806	AERFCU0810	AERFCU0820
-10	.56"	.80"	500	4.00"	.14 lbs.	20	AERFCU1006	AERFCU1010	AERFCU1020
-12	.69"	.93"	350	4.50"	.16 lbs.	20	AERFCU1206	AERFCU1210	AERFCU1220
-16	.88"	1.15"	350	5.50"	.20 lbs.	20	AERFCU1606	AERFCU1610	AERFCU1620
-20	1.13"	1.41"	350	5.50"	.25 lbs.	20	—	AERFCU2010	AERFCU2020

Lightweight Aluminum Crimp Fittings for AQP Racing or StartLite Hose

Dash Size	Crimp Swivel
Straight	
-4	AERFBM4211
-6	AERFBM4212
-8	AERFBM4213
-10	AERFBM4214
-12	AERFBM4215
-16	AERFBM4216
-20	AERFBM4217
30° Elbow	
-6	AERFBM4272
-8	AERFBM4273
-10	AERFBM4274
-12	AERFBM4275



Dash Size	Crimp Swivel
45° Elbow	
-6	AERFBM4222
-8	AERFBM4223
-10	AERFBM4224
-12	AERFBM4225
-16	AERFBM4226
90° Elbow	
-6	AERFBM4232
-8	AERFBM4233
-10	AERFBM4234
-12	AERFBM4235
-16	AERFBM4236
-20	AERFBM4137*



Dash Size	Crimp Swivel
120° Elbow	
-6	AERFBM4242
-8	AERFBM4243
-10	AERFBM4244
-12	AERFBM4245
-16	AERFBM4246
150° Elbow	
-6	AERFBM4252
-10	AERFBM4254
-12	AERFBM4255
180° Elbow	
-8	AERFBM4263
-10	AERFBM4264
-12	AERFBM4265



* Signifies a non-swivel fitting. Lightweight crimp fittings must be assembled with ET1000 Series crimp machine (AERET1000-PAP-013). Select AQP lightweight crimp fittings for ultimate weight savings. Select AQP reusable fittings for field serviceability.

AQP Racing Hose

AQP racing hose is light, flexible, and its stainless steel cover resists corrosion and abrasion.

Hose can operate at higher temperatures for longer periods of time and is compatible with petroleum or synthetic lubricants, hydrocarbon fuels, and engine coolants. Sold in 3, 6, 10, 15, and 20-foot lengths. Aeroquip is the only performance plumbing supplier to manufacture their own hose and fittings.



Bulk Firesleeve and Support Clamps

Listed in the right columns of the chart are the part numbers for firesleeve and support clamps for each size hose. Firesleeve protects hose from fire damage and can be used as an insulator to keep fuel lines cool. Support clamps are the professional method to secure Aeroquip hose to chassis, frame rails, etc.



AQP Racing Hose								Firesleeve Part No.	Support Clamp Part No.
Hose Size	I.D.	O.D.	3 Ft. Length	6 Ft. Length	10 Ft. Length	15 Ft. Length	20 Ft. Length		
-04	.22"	.44"	AERFCA0403	AERFCA0406	AERFCA0410	AERFCA0415	AERFCA0420	AERFCS09XX*	AERFCM3482
-06	.34"	.55"	AERFCA0603	AERFCA0606	AERFCA0610	AERFCA0615	AERFCA0620	AERFCS11XX*	AERFCM3484
-08	.44"	.65"	AERFCA0803	AERFCA0806	AERFCA0810	AERFCA0815	AERFCA0820	AERFCS12XX*	AERFCM3485
-10	.56"	.80"	AERFCA1003	AERFCA1006	AERFCA1010	AERFCA1015	AERFCA1020	AERFCS14XX*	AERFCM3487
-12	.69"	.94"	AERFCA1203	AERFCA1206	AERFCA1210	AERFCA1215	AERFCA1220	AERFCS18XX*	AERFCM3488
-16	.88"	1.15"	AERFCA1603	AERFCA1606	AERFCA1610	AERFCA1615	AERFCA1620	AERFCS20XX*	AERFCM3536
-20	1.13"	1.41"	AERFCA2003	AERFCA2006	AERFCA2010	AERFCA2015	AERFCA2020	—	AERFCM3538

* Last two digits for Firesleeve dictate length. For example AERFCS0903 is a 3' length. Firesleeve available in 3', 6', and 10' lengths only.

Reusable Fittings for AQP Racing Hose

Steel, nickel-plated aluminum, or anodized aluminum reusable fittings are engineered to precisely match Aeroquip hose tolerances. One-piece fittings have no braze joints to break or leak. When methanol is used, check fittings regularly for corrosion and flush system after use.

Size	Steel Swivel	Blue/Red Anodized Aluminum Swivel	Blue/Red Anodized Aluminum Non-Swivel	Black Anodized Aluminum Swivel
Straight				
-4	AERFCM1011	—	—	—
-6	AERFCM1075	AERFCM1012	—	AERFCM4412
-8	AERFCM1076	AERFCM1013	—	AERFCM4413
-10	—	AERFCM1014	—	AERFCM4414
-12	—	AERFCM1015	—	AERFCM4415
-16	—	AERFCM1016	—	AERFCM4416
-20	—	AERFCM1017	—	—
30° Elbow				
-6	—	AERFCM4072	—	AERFCM4472
-8	—	AERFCM4073	—	AERFCM4473
-10	—	—	—	AERFCM4474
-12	—	AERFCM4075	—	AERFCM4475
-16	—	AERFCM4076	—	AERFCM4476
45° Elbow				
-4	AERFCM1021	—	—	—
-6	—	AERFCM4022	AERFCM1022	AERFCM4422
-8	—	AERFCM4023	AERFCM1023	AERFCM4423
-10	—	AERFCM4024	AERFCM1024	AERFCM4424
-12	—	AERFCM4025	AERFCM1025	AERFCM4425
-16	—	AERFCM4026	AERFCM1026	AERFCM4426
-20	—	—	AERFCM1027	—



Size	Steel Swivel	Blue/Red Anodized Aluminum Swivel	Blue/Red Anodized Aluminum Non-Swivel	Black Anodized Aluminum Swivel
60° Elbow				
-6	—	AERFCM4082	—	AERFCM4482
-8	—	AERFCM4083	—	AERFCM4483
-10	—	AERFCM4084	—	AERFCM4484
-12	—	AERFCM4085	—	AERFCM4485
-16	—	AERFCM4086	—	AERFCM4486
90° Elbow				
-4	AERFCM1031*	—	—	—
-6	—	AERFCM4032	AERFCM1032	AERFCM4432
-8	—	AERFCM4033	AERFCM1033	AERFCM4433
-10	—	AERFCM4034	AERFCM1034	AERFCM4434
-12	—	AERFCM4035	AERFCM1035	AERFCM4435
-16	—	AERFCM4036	AERFCM1036	AERFCM4436
-20	—	—	AERFCM1037	—
120° Elbow				
-6	—	AERFCM4042	—	AERFCM4442
-8	—	AERFCM4043	—	AERFCM4443
-10	—	AERFCM4044	—	AERFCM4444
-12	—	AERFCM4045	—	AERFCM4445
-16	—	AERFBM4046†	—	AERFCM4446



* Signifies a non-swivel fitting. † Sold as bulk. Many fittings are also available in bulk. Simply replace the FCM prefix with FBM followed by the desired part number.

Reusable Fittings for AQP Racing Hose (Cont.)

Size	Steel Swivel	Blue/Red Anodized Aluminum Swivel	Blue/Red Anodized Aluminum Non-Swivel	Black Anodized Aluminum Swivel
150° Elbow				
-6	—	AERFCM4052	AERFCM1052	AERFCM4452
-8	—	AERFCM4053	AERFCM1053	AERFCM4453
-10	—	AERFCM4054	AERFCM1054	AERFCM4454
-12	—	AERFCM4055	AERFCM1055	—
-16	—	AERFBM4056†	—	—



Size	Steel Swivel	Blue/Red Anodized Aluminum Swivel	Blue/Red Anodized Aluminum Non-Swivel	Black Anodized Aluminum Swivel
180° Elbow				
-6	—	AERFCM4062	—	AERFCM4462
-8	—	AERFCM4063	—	AERFCM4463
-10	—	AERFCM4064	—	AERFCM4464
-12	—	AERFCM4065	—	AERFCM4465
-16	—	AERFBM4066†	—	—



† Sold as bulk. Many fittings are also available in bulk. Simply replace the FCM prefix with FBM followed by the desired part number.

Socketless Hose and Fittings

AQP socketless hose and fittings are easily assembled without tools, saving time and effort. Socketless hose is offered in blue or black and may be used for gasoline, alcohol, oils, air, and water.



Hose Dash Size	I.D.	O.D.	Max. Oper. Pressure	Min. Bend Radius	Vacuum Service	3 Ft. Length	6 Ft. Length	10 Ft. Length	15 Ft. Length	20 Ft. Length	25 Ft. Length
Blue Socketless Hose											
-04	.25"	.49"	250	3.00"	28"	AERFCV0403	AERFCV0406	AERFCV0410	—	—	AERFCV0425
-06	.38"	.62"	250	3.00"	28"	AERFCV0603	AERFCV0606	AERFCV0610	AERFCV0615	AERFCV0620	AERFCV0625
-08	.50"	.75"	250	5.00"	28"	AERFCV0803	AERFCV0806	AERFCV0810	AERFCV0815	AERFCV0820	AERFCV0825
-10	.63"	.91"	250	6.00"	18"	AERFCV1003	AERFCV1006	AERFCV1010	AERFCV1015	AERFCV1020	AERFCV1025
-12	.75"	1.03"	250	7.00"	18"	—	—	AERFCV1210	—	AERFCV1220	—
Black Socketless Hose											
-06	.38"	.62"	250	3.00"	28"	AERFCN0603	AERFCN0606	AERFCN0610	AERFCN0615	AERFCN0620	AERFCN0625
-08	.50"	.75"	250	5.00"	28"	AERFCN0803	AERFCN0806	AERFCN0810	AERFCN0815	AERFCN0820	AERFCN0825
-10	.63"	.91"	250	6.00"	18"	AERFCN1003	AERFCN1006	AERFCN1010	AERFCN1015	AERFCN1020	AERFCN1025
-12	.75"	1.03"	250	7.00"	18"	—	—	AERFCN1210	AERFCN1215	AERFCN1220	AERFCN1225

Socketless Elbow Fittings

Size	Blue/Red Aluminum	Black Aluminum	Nickel-Plated Aluminum	Steel Swivel
45°				
-4	—	—	—	AERFBM1438
-6	AERFCM1522	AERFCL1522	AERFCE1522	AERFBM1439
-8	AERFCM1523	AERFCL1523	AERFCE1523	AERFBM1440
-10	AERFCM1524	AERFCL1524	AERFCE1524	—
-12	AERFCM1525	AERFCL1525	—	—
90°				
-4	—	—	—	AERFBM1441
-6	AERFCM1532	AERFCL1532	AERFCE1532	AERFBM1442
-8	AERFCM1533	AERFCL1533	AERFCE1533	AERFBM1443
-10	AERFCM1534	AERFCL1534	AERFCE1534	—
-12	AERFCM1535	AERFCL1535	—	—

Socketless Elbow Fittings (Cont.)

Size	Blue/Red Aluminum	Black Aluminum	Nickel-Plated Aluminum	Steel Swivel
120°				
-6	AERFCM1542	AERFCL1542	—	—
-8	AERFCM1543	AERFCL1543	—	—
-10	AERFCM1544	AERFCL1544	—	—
-12	AERFCM1545	AERFCL1545	—	—
150°				
-6	AERFCM1552	AERFCL1552	—	—
-8	AERFCM1553	AERFCL1553	—	—
-10	AERFCM1554	AERFCL1554	—	—
-12	AERFCM1555	AERFCL1555	—	—
180°				
-6	AERFCM1562	AERFCL1562	—	—
-8	AERFCM1563	AERFCL1563	—	—
-10	AERFCM1564	AERFCL1564	—	—
-12	AERFCM1565	AERFCL1565	—	—



Socketless Straight Fittings

Hose Size	Blue/Red Aluminum	Black Aluminum	Nickel Plated Aluminum
-6	AERFCM1512	AERFCL1512	AERFCE1512
-8	AERFCM1513	AERFCL1513	AERFCE1513
-10	AERFCM1514	AERFCL1514	AERFCE1514
-12	AERFCM1515	AERFCL1515	AERFCE1515

Brass Male Pipe Brass Male Flare Brass Swivel

Bulk	Pipe Thread Size	Part No.	Part No.	AN Size
AERFBM1200	1/8"	AERFBM1444	AERFBM1231†	-4
AERFBM1201	1/4"	AERFBM1444	AERFBM1231†	-4
AERFBM1207	1/4"	AERFBM1445	AERFBM1222	-6
AERFBM1202	3/8"	AERFBM1445	AERFBM1222	-6
AERFBM1206	3/8"	—	AERFBM1233†	-8
AERFBM1203	1/2"	—	AERFBM1233†	-8
AERFBM1204	1/2"	—	AERFBM1234†	-10
AERFBM1205	3/4"	—	—	-12

† Fittings mate with both 37° and 45° male flares.

Straight -6 to -8 Brass Female Flare

Hose Size	Part No.	Thread Size	AN Size
-6	AERFBM1232†	3/4"-16	-8

† Fitting mates with both 37° (AN) and 45° male flares.

Hose Assembly Lube AERFBM3553

A specially compounded lubricant for use in hose assembly work. Suitable for hand or machine assembly. One-pint container.



Vise Jaw Inserts AERFCM3661

Keep Aeroquip fittings looking good even after assembly. Magnet-backed billet inserts set up quickly and hold the hex of the fitting securely during assembly without marring the finish. A horizontal pocket runs the entire length of the inserts to hold braided hose in place, making straight cuts fast and easy.



Socketless Fitting Assembly Tool AERFBM3632

Hand-held tool makes quick and easy work of installing fittings into FCV or FCN socketless hose. Works on hose sizes -04, -06, and -08.



AN Flare Adapters

Blue Anodized Aluminum Part No.	Black Anodized Aluminum Part No.	Steel Part No.	"A" Dash Size	"B" Dash Size
Aluminum or Steel Flare Union				
AERFCM2050	AERFCM5050	AERFCM2750	-3	-3
AERFCM2051	AERFCM5051	AERFCM2751	-4	-4
AERFCM2052	AERFCM5052	AERFCM2756	-6	-6
AERFCM2053	AERFCM5053	AERFCM2759	-8	-8
AERFCM2054	AERFCM5054	AERFCM2761	-10	-10
AERFCM2055	AERFCM5055	AERFCM2763	-12	-12
AERFCM2056	AERFCM5056	—	-16	-16

Aluminum or Steel Union Reducer				
AERFCM2048	AERFCM5048	AERFCM2749	-4	-3
AERFCM2156	AERFCM5156	—	-6	-4
AERFCM2049	—	—	-8	-4
AERFCM2160	AERFCM5160	AERFCM2758	-8	-6
AERFCM2188	—	—	-10	-4
AERFCM2162	AERFCM5162	—	-10	-6
AERFCM2163	AERFCM5163	AERFCM2760	-10	-8
AERFCM2189	—	—	-12	-4
AERFCM2165	—	—	-12	-6
AERFCM2166	AERFCM5166	—	-12	-8
AERFCM2167	AERFCM5167	—	-12	-10
AERFCM2169	—	—	-16	-10
AERFCM2170	AERFCM5170	—	-16	-12

Aluminum Female Flare Swivel				
AERFCM2914	—	—	-4	-4
AERFCM2915	—	—	-6	-6
AERFCM2916	—	—	-8	-8
AERFCM2917	—	—	-10	-10
AERFCM2918	—	—	-12	-12

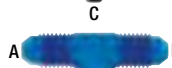
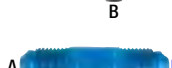
Aluminum or Steel O-Ring Boss to Male 37°				
AERFCM2953	AERFCM5953	AERFCM2957	-10	-10
AERFCM2954	AERFCM5954	AERFCM2958	-10	-12
AERFCM2955	AERFCM5955	AERFCM2959	-12	-12
AERFCM2956	AERFCM5956	AERFCM2960	-12	-16

Blue Anodized Part No.	Black Anodized Part No.	"A" Dash Size	"B" Dash Size	"C" Dash Size
Aluminum 90° Elbow Union				
AERFCM2186	AERFCM5186	-3	-3	—
AERFCM2119	AERFCM5119	-4	-4	—
AERFCM2120	AERFCM5120	-6	-6	—
AERFCM2190	AERFCM5190	-8	-8	—
AERFCM2191	—	-12	-12	—

Aluminum Union Tee				
AERFCM2060	AERFCM5060	-3	-3	-3
AERFCM2061	AERFCM5061	-4	-4	-4
AERFCM2062	AERFCM5062	-6	-6	-6
AERFCM2063	AERFCM5063	-8	-8	-8
AERFCM2064	AERFCM5064	-10	-10	-10
AERFCM2065	AERFCM5065	-12	-12	-12
AERFCM2066	—	-16	-16	-16

Aluminum Tee with Female on the Bottom				
AERFCM2281	—	-4	-4	-4
AERFCM2282	—	-6	-6	-6
AERFCM2283	—	-8	-8	-8
AERFCM2284	—	-10	-10	-10
AERFCM2285	—	-12	-12	-12

Aluminum Female Flare Tee				
AERFCM2174	—	-6	-6	-6
AERFCM2175	—	-8	-8	-8
AERFCM2177	—	-12	-12	-12



AN Flare Adapters (continued)

Part No.	"A" Dash Size	"B" Dash Size
Aluminum 45° Male to Female Swivel Flare		
AERFCM3148	-6	-6
AERFCM3149	-8	-8
AERFCM3150	-10	-10
AERFCM3151	-12	-12

Aluminum 90° Male to Female Swivel Flare		
AERFCM3155	-6	-6
AERFCM3156	-8	-8
AERFCM3157	-10	-10
AERFCM3158	-12	-12

Aluminum 45° Female Flare Swivel		
AERFCM2971	-6	-6
AERFCM2972	-8	-8
AERFCM2973	-10	-10
AERFCM2974	-12	-12

Aluminum 90° Female Flare Swivel		
AERFCM2978	-6	-6
AERFCM2979	-8	-8
AERFCM2980	-10	-10
AERFCM2981	-12	-12

Low-Profile 90° O-Ring Boss to Male 37°

Blue Anodized Aluminum Part No.	"A" Dash Size	"B" Dash Size
AERFCM2263	-12	-12

Direct to Pipe/Port Fittings

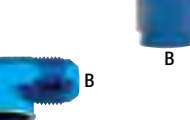
Part No.	Hose Size	Thread Size
Aluminum Swivel Male Pipe 90° ORB Fitting		
AERFCM1343	-6	3/8" NPT
AERFCM1344	-8	1/2" NPT
AERFCM1345	-12	3/4" NPT

AN Flare Bulkhead Adapters

Blue Anodized Aluminum Part No.	Black Anodized Aluminum Part No.	Steel Part No.	"A" Dash Size	"B" Dash Size
Aluminum or Steel Bulkhead Union				
AERFCM2769	AERFCM5769	AERFCM2770	-3	-3
AERFCM2071	AERFCM5071	AERFCM2771	-4	-4
AERFCM2072	AERFCM5072	AERFCM2774	-6	-6
AERFCM2073	AERFCM5073	AERFCM2775	-8	-8
AERFCM2074	AERFCM5074	AERFCM2776	-10	-10
AERFCM2075	AERFCM5075	AERFCM2777	-12	-12
AERFCM2076	AERFCM5076	—	-16	-16

Aluminum 45° Elbow Bulkhead Union				
AERFCM2893	—	—	-3	-3
AERFCM2127	—	—	-4	-4
AERFCM2128	—	—	-6	-6

Aluminum or Steel 90° Elbow Bulkhead Union				
AERFCM2799	AERFCM5799	AERFCM2790	-3	-3
AERFCM2081	—	AERFCM2791	-4	-4
AERFCM2082	AERFCM5082	AERFCM2793	-6	-6
AERFCM2083	AERFCM5083	AERFCM2794	-8	-8
AERFCM2084	AERFCM5084	AERFCM2795	-10	-10
AERFCM2085	AERFCM5085	—	-12	-12
AERFCM2086	—	—	-16	-16



TECH TIP



Actual Thread Sizes AN Fittings

AN Flare Bulkhead Adapters (Cont.)

Blue Anodized Aluminum Part No.	Black Anodized Aluminum Part No.	Steel Part No.	"A" Dash Size	"B" Dash Size	"C" Dash Size
Aluminum or Steel Bulkhead Run Tee					
AERFCM2815	AERFCM5815	AERFCM2809	-3	-3	-3
AERFCM2117	—	—	-4	-4	-4
AERFCM2118	—	—	-6	-6	-6
Aluminum or Steel Bulkhead Tee					
AERFCM2808	—	—	-3	-3	-3
AERFCM2091	—	—	-4	-4	-4
AERFCM2092	—	—	-6	-6	-6

Blue Anodized Aluminum Part No.	Black Anodized Aluminum Part No.	Steel Part No.	"A" Dash Size	No. Per Pack
Aluminum or Steel Locknut				
AERFCM3556	AERFCM5556	AERFCM2095	-3	2
AERFCM2099	AERFCM5099	AERFCM2096	-4	2
AERFCM2100	AERFCM5100	AERFCM2098	-6	2
AERFCM2103	AERFCM5103	AERFCM3584	-8	1
AERFCM2104	AERFCM5104	AERFCM3585	-10	1
AERFCM2105	AERFCM5105	—	-12	1
AERFCM2106	AERFCM5106	—	-16	1

Steel Part No.	"A" Dash Size	"B" Dash Size
Steel Reducer		
37° Flare Swivel/37° Flare		
AERFCM2408	-6	-4
AERFCM2409	-8	-4
AERFCM2410	-8	-6
AERFCM2411	-10	-6
AERFCM2413	-12	-6
AERFCM2414	-12	-8
Steel Reducer 37° Flare/37° Flare		
AERFCM2421	-10	-8
AERFCM2422	-12	-10

AN Tube Fittings

Aluminum Part No.	Steel Part No.	"A" Dash Size	Alum. No. Per Pkg.	Steel No. Per Pkg.
Aluminum or Steel AN Tube Cap*				
AERFCM3751	AERFCM3479	-3	2	6
AERFCM3752	AERFCM3480	-4	2	6
AERFCM3740	AERFCM3602	-6	1	2
AERFCM3741	AERFCM3603	-8	1	2
AERFCM3742	AERFCM3604	-10	1	2
AERFCM3743	AERFCM3605	-12	1	2
AERFCM3744	AERFCM3566	-16	1	1
—	AERFCM3567	-20	N/A	1

* Aluminum tube caps are two-piece. AN numbers for configuration reference.

AN Nuts and Sleeves

Aluminum Part No.	Steel Part No.	"A" Dash Size	Alum. No. Per Pkg.	Steel No. Per Pkg.
Aluminum or Steel AN Tube Nut†				
AERFCM3554	AERFCM3591	-3	6	1
AERFCM3555	AERFCM3570	-4	6	1
—	AERFCM3571	-5	N/A	1
AERFCM3675	AERFCM3572	-6	2	1
AERFCM3676	—	-8	2	1
AERFCM3677	AERFCM3574	-10	2	1
AERFCM3678	—	-12	2	1
Aluminum or Steel AN Tube Sleeve†				
AERFCM3669	AERFCM3667	-3	6	6
AERFCM3670	AERFCM3668	-4	6	6
—	AERFCM3679	-5	2	2
AERFCM3671	AERFCM3680	-6	2	2
AERFCM3672	—	-8	2	2
AERFCM3673	—	-10	2	N/A
AERFCM3674	—	-12	2	N/A

† For use with aluminum tubing. Tube nut and sleeve are to be used together.

AN Plugs

Aluminum Part No.	Steel Part No.	"A" Dash Size
Aluminum or Steel Flare Plugs		
AERFCM3712	AERFCM3701	-3
AERFCM3713	AERFCM3702	-4
AERFCM3714	AERFCM3703	-6
AERFCM3715	AERFCM3704	-8
AERFCM3716	AERFCM3705	-10
AERFCM3717	—	-12
AERFCM3718	—	-16
Aluminum O-Ring Boss Plug		
AERFCM3722	—	-3
AERFCM3723	—	-4
AERFCM3724	—	-6
AERFCM3725	—	-8
AERFCM3726	—	-10
AERFCM3727	—	-12

Steel Flare to Braid

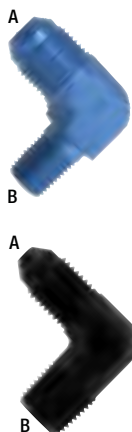
Part No.	"A" Dash Size	"B" Tube Size	"C" Counterbore Size
AERFCM2871	-4	1/4"	.16"
AERFCM2872	-6	3/8"	.16"
AERFCM2873	-6	1/2"	.16"
AERFCM2874	-8	1/2"	.16"
AERFCM2875	-10	5/8"	.16"
AERFCM2876	-10	3/4"	.25"
AERFCM2877	-12	3/4"	.25"
AERFCM2879	-16	1"	.25"

AN Flare to Pipe Adapters

Blue Anodized Aluminum Part No.	Black Anodized Aluminum Part No.	Steel Part No.	"A" Dash Size	"B" Pipe Size
Aluminum or Steel Male Connector				
AERFCM2000	AERFCM5000	AERFCM2511	-3	1/8"
AERFCM2001	AERFCM5001	AERFCM2512	-4	1/8"
AERFCM2002	AERFCM5002	AERFCM2515	-4	1/4"
—	—	AERFCM2519	-4	3/8"
—	—	AERFCM2524	-4	1/2"
AERFCM2003	AERFCM5003	AERFCM2514	-6	1/8"
AERFCM2004	AERFCM5004	AERFCM2517	-6	1/4"
AERFCM2005	AERFCM5005	AERFCM2521	-6	3/8"
AERFCM2013	AERFCM5013	AERFCM2525	-6	1/2"
—	—	AERFCM2529	-6	3/4"
AERFCM2006	AERFCM5006	AERFCM2518	-8	1/4"
AERFCM2007	AERFCM5007	AERFCM2522	-8	3/8"
AERFCM2008	AERFCM5008	AERFCM2526	-8	1/2"
—	—	AERFCM2530	-8	3/4"
AERFCM2185	AERFCM5185	AERFCM2523	-10	3/8"
AERFCM2009	AERFCM5009	AERFCM2527	-10	1/2"
—	—	AERFCM2531	-10	3/4"
AERFCM2010	AERFCM5010	AERFCM2528	-12	1/2"
AERFCM2011	AERFCM5011	AERFCM2532	-12	3/4"
AERFCM2014	AERFCM5014	AERFCM2534	-12	1"
AERFCM2015	AERFCM5015	AERFCM2533	-16	3/4"
AERFCM2012	AERFCM5012	AERFCM2535	-16	1"
—	—	AERFCM2540	-16	1-1/4"
—	—	AERFCM2541	-20	1-1/4"
Aluminum or Steel 45° Male Elbow				
AERFCM2020	AERFCM5020	AERFCM2581	-3	1/8"
AERFCM2021	AERFCM5021	AERFCM2582	-4	1/8"
—	—	AERFCM2584	-4	1/4"
AERFCM2022	AERFCM5022	AERFCM2586	-6	1/4"
—	—	AERFCM2589	-6	3/8"
—	—	AERFCM2592	-6	1/2"
—	—	AERFCM2587	-8	1/4"
AERFCM2023	AERFCM5023	AERFCM2590	-8	3/8"
—	—	AERFCM2593	-8	1/2"
AERFCM2024	AERFCM5024	AERFCM2591	-10	3/8"
—	—	AERFCM2594	-10	1/2"
—	—	AERFCM2597	-10	3/4"
—	—	AERFCM2595	-12	1/2"
AERFCM2025	AERFCM5025	AERFCM2598	-12	3/4"
AERFCM2026	—	—	-16	1"

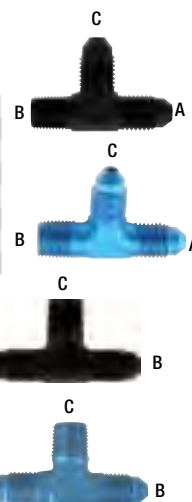
AN Flare to Pipe Adapters (Cont.)

Blue Anodized Aluminum Part No.	Black Anodized Aluminum Part No.	Steel Part No.	"A" Dash Size	"B" Pipe Size
Aluminum or Steel 90° Male Elbow				
AERFCM2030	AERFCM5030	AERFCM2610	-3	1/8"
AERFCM2031	AERFCM5031	AERFCM2611	-4	1/8"
AERFCM2032	AERFCM5032	AERFCM2614	-4	1/4"
—	—	AERFCM2618	-4	3/8"
—	—	AERFCM2624	-4	1/2"
AERFCM2033	AERFCM5033	AERFCM2613	-6	1/8"
AERFCM2034	AERFCM5034	AERFCM2616	-6	1/4"
AERFCM2035	AERFCM5035	AERFCM2620	-6	3/8"
—	—	AERFCM2625	-6	1/2"
AERFCM2036	AERFCM5036	AERFCM2617	-8	1/4"
AERFCM2037	AERFCM5037	AERFCM2621	-8	3/8"
AERFCM2038	AERFCM5038	AERFCM2626	-8	1/2"
—	—	AERFCM2629	-8	3/4"
AERFCM2016	AERFCM5016	AERFCM2622	-10	3/8"
AERFCM2039	AERFCM5039	AERFCM2627	-10	1/2"
—	—	AERFCM2630	-10	3/4"
—	—	AERFCM2623	-12	3/8"
AERFCM2017	AERFCM5017	AERFCM2628	-12	1/2"
AERFCM2040	AERFCM5040	AERFCM2631	-12	3/4"
AERFCM2293	—	—	-12	1"
AERFCM2018	—	—	-16	3/4"
AERFCM2041	—	—	-16	1"



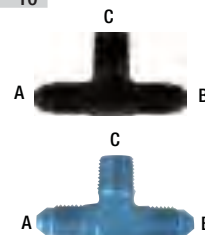
Aluminum or Steel Male Run Tee

Blue Anodized Aluminum Part No.	Black Anodized Aluminum Part No.	Steel Part No.	"A" Dash Size	"B" Pipe Size	"C" Dash Size
AERFCM2714	AERFCM5714	AERFCM2700	-3	1/8"	-3
AERFCM2124	AERFCM5124	AERFCM2701	-4	1/8"	-4
—	—	AERFCM2703	-4	1/4"	-4
AERFCM2125	AERFCM5125	AERFCM2704	-6	1/4"	-6
—	—	AERFCM2705	-6	3/8"	-6
AERFCM2126	—	—	-8	3/8"	-8
—	—	AERFCM2707	-8	1/2"	-8
—	—	AERFCM2708	-10	1/2"	-10



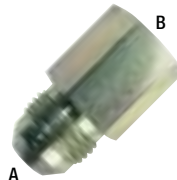
Aluminum Male Branch Tee

Blue Anodized Aluminum Part No.	Black Anodized Aluminum Part No.	"A" Dash Size	"B" Dash Size	"C" Pipe Size
AERFCM2187	AERFCM5187	-3	-3	1/8"
AERFCM2121	AERFCM5121	-4	-4	1/8"
AERFCM2122	—	-6	-6	1/4"
AERFCM2123	AERFCM5123	-8	-8	3/8"



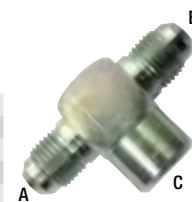
Steel Female Pipe to Male AN

Part No.	"A" Dash Size	"B" Pipe Size
AERFCM2719	-3	1/8"
AERFCM2720	-3	1/4"
AERFCM2721	-4	1/8"
AERFCM2723	-4	1/4"
AERFCM2725	-6	1/4"
AERFCM2727	-6	3/8"
AERFCM2726	-8	1/4"
AERFCM2728	-8	3/8"
AERFCM2730	-8	1/2"
AERFCM2731	-10	1/2"
AERFCM2734	-10	3/4"
AERFCM2732	-12	1/2"



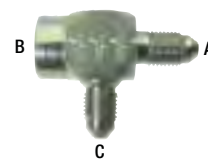
Steel Female Pipe Flare Tee

Part No.	"A" Dash Size	"B" Dash Size	"C" Pipe Size
AERFCM2881	-3	-3	1/8"
AERFCM2882	-4	-4	1/8"
AERFCM2883	-4	-4	1/4"
AERFCM2884	-6	-6	1/4"
AERFCM2885	-8	-8	3/8"



Steel Female Pipe Flare Tee

Part No.	"A" Dash Size	"B" Pipe Size	"C" Dash Size
AERFCM2817	-3	1/8"	-3
AERFCM2818	-4	1/8"	-4



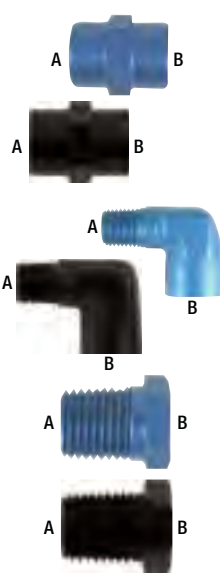
Steel Bulkhead Connectors

Part No.	"A" Dash Size	"B" Pipe Size
AERFCM2821 (Female)	-4	1/8"
AERFCM2831 (Male)	-4	1/4"



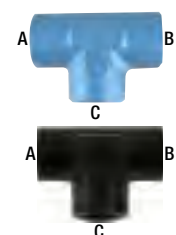
Pipe Adapters

Blue Anodized Aluminum Part No.	Black Anodized Aluminum Part No.	"A" Pipe Size	"B" Pipe Size
Aluminum Pipe Coupling			
AERFCM2129	AERFCM5129	1/8"	1/8"
AERFCM2130	AERFCM5130	1/4"	1/4"
AERFCM2131	AERFCM5131	3/8"	3/8"
Aluminum Female to Male Pipe 90° Elbow			
AERFCM2147	AERFCM5147	1/8"	1/8"
AERFCM2148	AERFCM5148	1/4"	1/4"
AERFCM2149	AERFCM5149	3/8"	3/8"
Aluminum Pipe Bushing			
AERFCM2136	AERFCM5136	1/4"	1/8"
AERFCM2137	AERFCM5137	3/8"	1/4"
AERFCM2138	AERFCM5138	3/8"	1/8"
AERFCM2139	AERFCM5139	1/2"	3/8"
AERFCM2140	AERFCM5140	1/2"	1/4"
AERFCM2141	AERFCM5141	1/2"	1/8"
AERFCM2142	AERFCM5142	3/4"	1/2"
AERFCM2143	—	3/4"	3/8"
AERFCM2144	—	3/4"	1/4"
AERFCM2145	—	1"	3/4"
AERFCM2146	—	1"	1/2"



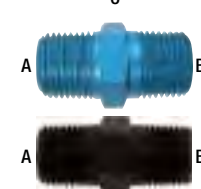
Aluminum Female Pipe Tee

Blue Anodized Aluminum Part No.	Black Anodized Aluminum Part No.	"A" Pipe Size	"B" Pipe Size	"C" Pipe Size
AERFCM2150	AERFCM5150	1/8"	1/8"	1/8"
AERFCM2151	AERFCM5151	1/4"	1/4"	1/4"
AERFCM2152	AERFCM5152	3/8"	3/8"	3/8"



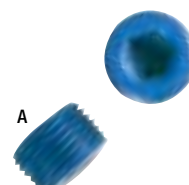
Aluminum Male Pipe Nipple

Blue Anodized Aluminum Part No.	Black Anodized Aluminum Part No.	"A" Pipe Size	"B" Pipe Size
AERFCM2132	AERFCM5132	1/8"	1/8"
AERFCM2133	AERFCM5133	1/4"	1/4"
AERFCM2134	AERFCM5134	3/8"	3/8"
AERFCM2135	AERFCM5135	1/2"	1/2"



Aluminum Allen Head Pipe Plug

Blue Anodized Aluminum Part No.	"A" Pipe Size	No. Per Pkg.
AERFCM3684	1/16"	2
AERFCM3685	1/8"	2
AERFCM3686	1/4"	2
AERFCM3687	3/8"	2
AERFCM3749	1/2"	1
AERFCM3750	3/4"	1



AQP Power Steering Hose

AQP power steering hose is for high-pressure power steering, hydraulic, air, fuel, and oil applications. Offered in blue or black, abrasion-resistant fabric cover surrounds a patented AQP synthetic rubber tube. For use with standard reusable fittings. Sold in pre-cut lengths of 3, 6, 10, 15, and 20 feet.

Hose Dash Size	3'	6'	10'	15'	20'
Blue Hose					
-06	—	AERFCG0606	AERFCG0610	AERFCG0615	AERFCG0620
-10	—	AERFCG1006	AERFCG1010	—	—
Black Hose					
-06	AER1503-6-3	AER1503-6-6	AER1503-6-10	AER1503-6-15	AER1503-6-20



Fittings for Power Steering Hose

Part No.	Hose and Fitting Dash Size
Straight SAE 37° (JIC/AN) Swivel	
AERFBM1302	-06
AERFBM1305	-08
AERFBM1307	-10
45° SAE 37° (JIC/AN) Swivel	
AERFBM1386	-06
AERFBM1338	-10



Part No.	Hose and Fitting Dash Size
90° SAE 37° (JIC/AN) Swivel	
AERFBM1389	-06
AERFBM1387	-08
AERFBM1374	-10
45° Elbow SAE Male Inverted Flare	
AERFBM1382	-06
90° Elbow SAE Male Inverted Flare	
AERFBM1392	-06



High-Pressure Adapters

Metric Conversion

Steel Part No.	"A" Dash" Size	"B" Dash" Size
AERFCM2608*	-6	M16 x 1.5
AERFCM2609*	-6	M18 x 1.5

* Special AN-to-metric adapter used for Saginaw power steering units.

Inverted Flare

Steel Part No.	"A" Dash" Size	"B" Dash" Size
AERFCM2963	-6	1/2"-20
AERFCM2964	-6	5/8"-18
AERFCM2965	-6	1 1/16"-18



Carburetor and Banjo Fittings

AERFCM1066 (Blue/Red)

Banjo fitting for Holley Single Feed 600-660 Series and all 2-barrel series with 9/16"-24 thread. Hose fitting size is -06. Replacement Crushwasher AERFCM3627.



AERFCM2110 (Blue) AERFCM5110 (Black)

Holley Dual Feed 750 through Dominator 1350 Series and Quadrajets up to 1974 with 7/8"-20 thread. Hose fitting size is -08. Replacement Crushwasher AERFCM3516.



AERFCM2113 (Blue) AERFCM5113 (Black)

Holley Single Feed 600-660 Series, 010/4011 Series and all 2-barrel series with 9/16"-24 thread. Hose fitting size is -06. Replacement Crushwasher AERFCM3514.



AERFCM2114 (Blue) AERFCM5114 (Black)

Holley Dual Feed 750 through Dominator 1350 Series and Quadrajets up to 1974 with 7/8"-20 thread. Hose fitting size is -06. Replacement crushwasher is AERFCM3516.



AERFCM2192 (Blue)

Holley Dual Feed 750 through Dominator 1350 Series and Quadrajets up to 1974 with 7/8"-20 thread. Hose fitting size is -08. Replacement Crushwasher AERFCM3516.



AERFCM2193 (Blue)

Holley Dual Feed 750 through Dominator 1350 Series and Quadrajets up to 1974 with 7/8"-20 thread. Hose fitting size is -06. Replacement Crushwasher AERFCM3516.



AERFCM2247 (Blue)

Barry Grant Demon carburetor with 9/16"-24 threads. Long stem with -6AN female swivel.



AERFCM2248 (Blue)

Barry Grant Demon carburetor with 9/16"-24 threads. Long stem with -8AN female swivel.



AERFCM2249 (Blue)

Barry Grant Demon carburetor with 9/16"-24 threads. Short stem with -8AN male end.



AERFCM2961

Holley Dual Feed 750 through Dominator 1350 Series and Quadrajets up to 1974 with 7/8"-20 thread. Hose fitting size is -08. Steel only. Replacement Crushwasher AERFCM3516.



Dual-Feed Assemblies for Holley Carbs

Dual-feed assemblies are completely assembled and ready to install.

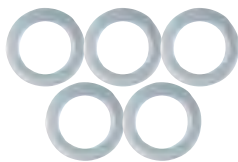
Part No.	Application	Dist. Between Bowl Fittings	Hose and Fitting Dash
AERFCP0101	Double Pumper Carbs	9-1/4"	-6
AERFCP0102	Dual-Feed Single Pump Carbs	8-5/8"	-6
AERFCP0134	Double Pumper Carbs	9-1/4"	-8



Replacement Aluminum Crushwashers

For use with banjo fittings and carburetor adapters. Five per package.

Part No.	Dash Size
AERFCM3642	-3
AERFCM3513	-4
AERFCM3514	-6
AERFCM3515	-8
AERFCM3516	-10
AERFCM3517	-12



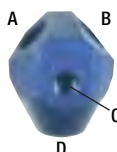
Aluminum Fuel Pump Adapters

Blue Part No.	Black Part No.	Hose Fitting Dash Size	Application
AERFCM2108	—	-6	Inv. Flare 5/8"-18 Thread
AERFCM2111	—	-6	Inv. Flare 1/2"-20 Thread
AERFCM2185	AERFCM5185	-10	3/8" Male Pipe



Aluminum Fuel Block

Blue Part No.	"A" Pipe Size	"B" Pipe Size	"C" Pipe Size	"D" Pipe Size
AERFCM2178	1/4"	1/4"	1/8"	3/8"
AERFCM2179	3/8"	3/8"	1/8"	1/2"



Aluminum In-Line AN Pressure Gauge Adapters

Blue Part No.	Black Part No.	"A" Dash Size	"B" Dash Size	"C" Pipe Size
AERFCM2183	AERFCM5183	-6	-6	1/8"
AERFCM2184	AERFCM5184	-8	-8	1/8"



Aluminum In-Line AN-to-Pipe Pressure Gauge Adapters

Blue Part No.	Black Part No.	"A" Dash Size	"B" Pipe Size	"C" Pipe Size
AERFCM2276	—	-6	1/4"	1/8"
AERFCM2277	AERFCM5277	-6	3/8"	1/8"
AERFCM2279	—	-8	3/8"	1/8"



Aluminum 90° AN-to-AN Pressure Gauge Adapters

Blue Part No.	"A" Dash Size	"B" Dash Size	"C" Pipe Size
AERFCM2272	-6	-6	1/8"
AERFCM2273	-8	-8	1/8"



TFE Racing Hose Brake Line Assemblies

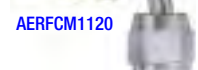
Ready to install, pre-assembled and tested brake line assemblies are manufactured using premium stainless steel TFE PTFE hose, complete with choice of straight or 90° fitting configurations. Assemblies feature a 3,000 PSI maximum operating pressure. Non-D.O.T. brake lines are intended for off-road use only.

Size	10" Length Part No.	12" Length Part No.	15" Length Part No.	18" Length Part No.	21" Length Part No.	24" Length Part No.	30" Length Part No.	36" Length Part No.	42" Length Part No.
Straight/Straight Assembly									
-3	AERFBPA0030-10	AERFBPA0030-12	AERFBPA0030-15	AERFBPA0030-18	AERFBPA0030-21	AERFBPA0030-24	AERFBPA0030-30	AERFBPA0030-36	—
-4	AERFBPA0040-10	AERFBPA0040-12	AERFBPA0040-15	AERFBPA0040-18	AERFBPA0040-21	AERFBPA0040-24	AERFBPA0040-30	AERFBPA0040-36	AERFBPA0040-42
Straight/90° Assembly									
-3	—	—	AERFBPA0039-15	AERFBPA0039-18	AERFBPA0039-21	AERFBPA0039-24	AERFBPA0039-30	AERFBPA0039-36	AERFBPA0039-42
-4	—	—	AERFBPA0049-15	AERFBPA0049-18	AERFBPA0049-21	AERFBPA0049-24	AERFBPA0049-30	AERFBPA0049-36	AERFBPA0049-42



Brake Fittings

Part No.	Hose and Fitting Dash Size
Straight Steel SAE 37° (JIC/AN) Swivel	
AERFCM1100	-3
AERFCM1101	-4
Straight Steel Crimp SAE 37° (JIC/AN)	
AERFBM1124	-3
Steel 45° Tube Elbow 37° (JIC/AN)	
AERFCM1110	-3
AERFCM1111	-4
Steel 90° Tube Elbow 37° (JIC/AN)	
AERFCM1120	-3
AERFCM1121	-4



Straight Stainless Steel Crimp 37° (JIC/AN)

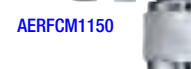
AERFCM1130	-3
AERFCM1102	-4

45° Stainless Steel Forged Elbow SAE 37° (JIC/AN) Swivel

AERFCM1140	-3
AERFCM1146	-4

90° Stainless Steel Forged Elbow SAE 37° (JIC/AN) Swivel

AERFCM1150	-3
AERFCM1151	-4



TFE Racing Hose Brake Hoses

Aeroquip TFE Racing Hose for hydraulic brake applications has a bright stainless steel wire braid cover that resists abrasion and corrosion and an extruded PTFE inner liner that's compatible with all brake fluids. PTFE hose is recommended for use only on off-highway brake systems. Temperature range of -100°F to +450°F.

Size	I.D.	O.D.	3 Ft. Length	6 Ft. Length	10 Ft. Length	15 Ft. Length	20 Ft. Length
-3	.13"	.25"	AERFCC0303	AERFCC0306	AERFCC0310	AERFCC0315	AERFCC0320
-4	.19"	.30"	AERFCC0403	AERFCC0406	AERFCC0410	AERFCC0415	AERFCC0420



Steel Male Pipe with Brass Nipple

Part No.	Hose and Fitting Dash Size	Pipe Thread Size
AERFCM3088	-4	1/8"



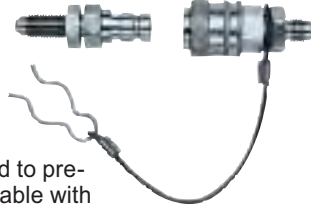
Replacement Sleeve for TFE Fittings

Brass Part No.	Hose and Fitting Dash Size	Qty.
AERFCM3720	-3	5
AERFCM3721	-4	5



Quick-Disconnect Brake and Clutch Coupling

Allows rapid connection/disconnection of brake and clutch lines without fluid loss, air inclusion, or the need to bleed the line. Coupling also includes a safety clip on lanyard to prevent accidental disconnection. Available with -3 or -4AN, S.A.E. 37° (JIC/AN) threads. Male half includes jam nut for bulkhead mounting. Temperature range -40°F to +250°F.

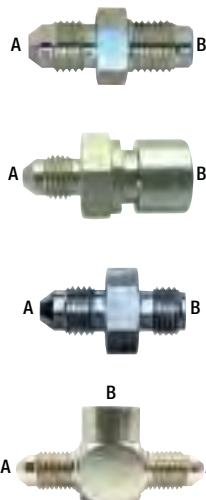


Steel Part No.	Hose Fitting Dash Size	Max. Oper. Pressure (PSI)	Air Including C.C. Max	Fluid Loss C.C. Max	Length (In.) Connected
AERFBM1073	-3	3000	.02	.10	4.10"
AERFBM1074	-4	3000	.02	.10	4.25"

Steel Inverted Flare Brake Adapters

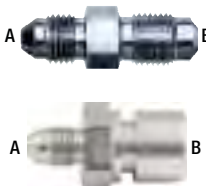
Part No.	"A" Hose Fitting Dash Sizes	"B" Brake Thread Size
SAE 37° Male Flare to 30° Inverted Flare (Two Per Package)		
AERFCM2925	-4	7/16"-20
SAE 37° Male Flare to Female Inverted Flare (Two Per Package)		
AERFCM2936	-3	3/8"-24
AERFCM2937	-4	3/8"-24
SAE 37° Male Flare to 42° Inverted Flare (Short Hex, Two Per Package)		
AERFCM2926	-3	3/8"-24
AERFCM2927	-4	3/8"-24
AERFCM2928*	-3	3/8"-24
AERFCM2929	-3	7/16"-24
AERFCM2930	-4	7/16"-24
AERFCM2931	-4	1/2"-20
SAE 37° Male Flare to Female Inverted Flare Tee (One Per Package)		
AERFCM2909	-3	3/8"-24
AERFCM2910	-4	3/8"-24

* Fitting has small hex.



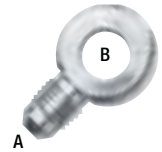
Metric Brake Adapters

Part No.	"A" Hose Fitting Dash Sizes	"B" Brake Thread Size
SAE 37° Male Flare to Metric Flare (Two Per Package)		
AERFCM2941	-3	10mm X 1"
AERFCM2942	-3	10mm X 1.25"
AERFCM2943	-4	10mm X 1"
AERFCM2944	-4	10mm X 1.25"
SAE 37° Male Flare to Female Metric Flare (Two Per Package)		
AERFCM2945	-3	10mm x 1"
AERFCM2946	-4	10mm x 1"



SAE Banjo Brake Adapters

Part No.	"A" Hose Fitting Dash Sizes	"B" Brake Thread Size
SAE 37° Flare to Banjo (Two Per Package)		
AERFCM2949	-3	3/8"
AERFCM2938	-4	3/8"
AERFCM2939	-3	7/16"
AERFCM2940	-4	7/16"

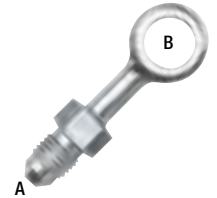


Part No.	"A" Thread Size	Crushwasher Part No.
SAE 37° Banjo Bolt (One Per Package)		
AERFCM2921	3/8"-24	AERFCM3642
AERFCM2922	7/16"-20	AERFCM3513



Metric Banjo Brake Adapters

Part No.	"A" Hose Fitting Dash Sizes	"B" Brake Thread Size
SAE 37° Male Flare to Metric Banjo (Two Per Package)		
AERFCM2947	-3	10mm
AERFCM2948	-4	10mm



Part No.	"A" Thread Size	Crushwasher Part No.
Metric Banjo Bolt (One Per Package)		
AERFCM2923	10mm x 1.25"	AERFCM3642



Firesleeve

Hose flame shield is engineered to protect hose from heat and actually can prevent or delay it from burning. Select hose with an I.D. slightly larger than the hose O.D. Sold in 3, 6, and 10 foot lengths.

I.D.	3 Ft. Length	6 Ft. Length	10 Ft. Length
.44"	—	AERFCS0706	AERFCS0710
.50"	—	—	AERFCS0810
.56"	AERFCS0903	AERFCS0906	AERFCS0910
.62"	AERFCS1003	—	—
.69"	AERFCS1103	AERFCS1106	AERFCS1110
.75"	AERFCS1203	AERFCS1206	AERFCS1210
.88"	AERFCS1403	AERFCS1406	AERFCS1410
1.00"	—	—	AERFCS1610
1.12"	AERFCS1803	AERFCS1806	AERFCS1810
1.25"	AERFCS2003	AERFCS2006	AERFCS2010

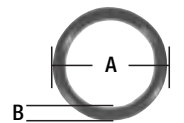


O-Rings

Nitrile Part No.	EPR Part No.	Dash Size	"A"	"B"
AERFCM3472*	—	-3	.301"	.064"
AERFCM3473*	AERFCM3463**	-4	.351"	.072"
AERFCM3474*	AERFCM3464**	-6	.468"	.078"
AERFCM3475*	AERFCM3465**	-8	.644"	.087"
AERFCM3476*	AERFCM3466**	-10	.755"	.097"
AERFCM3477*	AERFCM3467**	-12	.924"	.116"
AERFCM3497*	AERFCM3468**	-16	1.171"	.116"

* Nitrile O-rings are for use with gasoline (ten per package)

** EPR O-rings are for use with alcohol (five per package)



Aluminum Dust Plugs and Caps

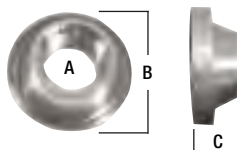
Keeps dirt and contamination out of oil, fuel, and cooling systems when not in use.



Dash Size	NPT	Plug Part No.	Cap Part No.	No. Per Pkg.
-04	7/16"-20	AERFBM3655	AERFBM3648	20
-06	9/16"-18	AERFBM3656	AERFBM3649	20
-08	3/4"-16	AERFBM3657	AERFBM3650	20
-10	7/8"-14	AERFBM3658	AERFBM3651	12
-12	1-1/16"-12	AERFBM3659	AERFBM3652	10
-16	1-5/16"-12	AERFBM3660	AERFBM3653	10

Aluminum Tank Welding Bungs

Part No.	"A" Dash Size	"B" Dim.	"C" Dim.
AERFCM2403	-06	1.56"	.59"
AERFCM2404	-08	1.75"	.68"
AERFCM2405	-10	1.87"	.75"
AERFCM2406	-12	2.00"	.90"
AERFCM2407	-16	2.25"	.93"

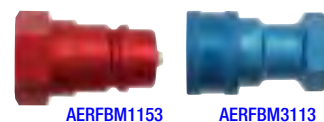


Note: Use O-ring for sealing. Accepts male AN flare with hex or boss O-ring plug.

Quick-Disconnect Radiator/Cooling Refill Coupling

Coupling assembly quickly and effectively drains cooling systems. Internal components are corrosion-resistant stainless steel and Viton seals prevent the possibility of leakage. Features 1/2" NPT threads on each end. Ideally installed on lower radiator outlet or in-line on lower hose. Requires purchase of one male and one female coupling.

Part No.	Description
AERFBM1153	Male Aluminum Quick Disconnect Coupling
AERFBM3113	Female Steel Quick Disconnect Coupling, 1.6-oz.
AERFBM3114	Female Aluminum Quick Disconnect Coupling, 3.97-oz.



NEW VENDOR

Solo 2 and Solo 2 DL GPS Lap Timers

The most effective method to acquire accurate lap times, the Solo 2 utilizes advanced GPS data to deliver unparalleled speed and accuracy. Relying upon a database of over 2,000 race tracks, lap timer identifies its position, recognizes the starting line coordinates of the track, and immediately begins sampling lap times. Unit can provide precise and powerful data that may be reviewed on the built-in screen immediately after each session, or through Wi-Fi utilizing a PC. Available Solo 2 DL additionally allows connecting to the vehicle's ECU to collect even more data with just a single added cable.



Part No.	Description
AIMX47SOLO2001U0**	Solo 2 with Battery Charger and 120 Volt Adapter
AIMX47SOLO2002U0	Solo 2 with 12-Volt Direct Power
AIMX47SOLO2DL01U0**	Solo 2 DL with CAN/K-Line/Ext. Power Cable with OBDII Connector, Battery Charger and 120 Volt Adapter
AIMX47SOLO2DL02U0**	Solo 2 DL with RS-232/CAN/Ext. Power Cable, Battery Charger and 120 Volt Adapter
AIMX47SOLO2DL03U0**	Solo 2 DL with RPM/Ext. Power Cable, Battery Charger and 120 Volt Adapter

Replacement Components/Accessories

AIMDNKTKPFSOL5*	Universal Mounting Bracket
AIMX46KSTG00	Roll Bar Mounting Kit
AIMX46KSV00	Suction Cup Mounting Kit
AIMX47KPFSSOLO2R0	Mounting Bracket

* For Solo/Solo DL only; not for Solo 2/Solo 2 DL.

** For standard North American Outlets

IR Beacon Transmitter

AIMX02TXKMA01

Optical lap transmitter works with an optic receiver to display lap times on a data logger instantly. Simply position the transmitter at the start/finish line to record lap times. Unit operates in "lower power" mode with AA batteries, or with the external wiring harness and a 12-volt battery in "high power" for wider tracks.



MultiChron Stopwatch

AIMX02CHRN05

MultiChron stopwatch/timer allows tracking up to four competitors simultaneously, displaying the best laps, and up to 99 laps per driver on a bright, backlit display. Unit also offers split timing with up to nine splits per driver.



MyChron5S/MyChron 5S 2T Dash Logger

Engineered for use on karts, the MyChron 5S combines the sampling of kart data with new GPS capabilities that record precise, reliable data including lap and split times, speed, RPM, single temperature, acceleration, and more. Unit includes the ability to offer basic information to newcomers or the most advanced data to professionals. Large 268mm x 128mm pixel graphical display with 8 backlighting colors eases readability. Data may be downloaded wirelessly utilizing a Wi-Fi connection without the need for a data key or PC connection if desired. Available MyChron5S 2T additionally includes the ability to sample a second temperature of choice. Sold complete with battery charger, RPM cable and temperature sensor(s).



Part No.	Description
AIMXD1M5SCHT140U	MyChron 5S with Cyl. Head Temp. Sensor
AIMXD1M5STRM10U	MyChron 5S with M10 Water Temp. Sensor
AIMXD2M5S2TEGTRM1011U	MyChron 5S 2T with (2) M10 Temp. Sensors

Replacement/Accessory Components

AIM2BT18650TDM	Battery
AIMX06A12VBMU	12-Volt Battery Charger
AIMX80MYC5TPB	Battery Cover/Block-Off Plate Kit
AIMX08MYCEXP00	Expansion Channel Multiplier, MyChron4/MyChron5S
AIMLML552210	Clip for RPM Pickup
AIMV02557020	External Power Cable
AIMV02557070	MyChron 5S 2T Patch Cable, (2) Thermocouple
AIMV02557110	MyChron 5S 2T Patch Cable, (1) Thermocouple, (1) Thermal Resistor
AIMX05SNRPMY0	RPM Cable
AIMX05SOT14A4517BML	Cylinder Head Temperature Sensor, 14mm
AIMX41RX12090	Optical Lap Receiver

IR Tire Temperature Controller

Engineered for use in conjunction with the MyChron5, kit is designed to measure the surface temperature of tires, offering important data for chassis tuning, tire performance, and driver performance. Infrared sensors include a 35° field of vision and range of -20 and 120° C. Includes controller and four sensors.

Part No.	Description
AIMXSSMIRTEMP00	IR Tire Temperature Controller
Replacement Component	
AIMX05TTS01B0	Infrared Tire Temperature Sensor
AIMX90KSTTS0	Optional Bracket Kit





NEW VENDOR

EVO4S Data Logger AIMX61E4S4001GS

The EVO4S utilizes one connector per channel and a completely redesigned internal electronic board that is fully compatible with Aim dash loggers and new Race Studio software. Unit samples data from the ECU via CAN, RS232, or K-line, and from analog/digital inputs, external expansions, and predefined math channels. Sensors may be connected to five configurable analog channels, to the RPM input, and 2-wheel speed inputs. Often expanded for use with the channel expansion unit and the SmartyCam HD camera. Sold complete with the GS Dash for display, GPS08 roof mount module and 4m cable.



Part No.	Description
Related /Replacement Components	
AIMX08CHANEXP0	EVO4S Channel Expansion
X05TTS01B0	Infrared Tire Temperature Sensor

Sensors and Data Logging Accessories

Sensors allow collecting critical performance data, allowing teams to learn what is occurring on the race car, while aiding tuning and troubleshooting. Sensors feature a straight link, wired by a 4-pin binder with a standard pinout.

Part No.	Description
AIM3CVGAS807	EGT K-Type Thermocouple
AIMEGT-0335-X	EGT K-Type Thermocouple, Open Tip with Bung Kit
AIMLSP552410	EGT Bung, Closed Tip, M5 (0.8mm)
AIMLTP560140	Stainless Steel 712 Binder Cap with O-Ring Seal, Untethered
AIMLX-PA-10-AIMSP	String Potentiometer, 10" Stroke, 719 4-Pin
AIMMS-WATERFITTING-T	Inline Water Temperature Coupler Fitting, 5/8" to 3/4", M10 x 1.25
AIMX05PSA0015018	Fuel/Oil Pressure Sensor, 0-150 PSI, 1/8" NPT
AIMX05NPTA4513BPRS	Infrared Optical Lap Receiver with Metallic Connector and 140 cm Cable
AIMX05PSA02000P18	Brake Pressure Sensor, 0-2,000 PSI
AIMX05SOT14A4517BML	Cylinder Head Temperature Sensor, 14mm

SmartyCam HD

HD camera is engineered exclusively for motorsports with the goal of providing superior video quality and improving on-track performance. Unit overlays GPS data including track map and vehicle position, speed, lap, and split times. With the addition of an Aim logger connected to the ECU, RPM, throttle, engaged gear, acceleration, temperatures, pressures, and other critical performance values may be overlaid as well. Included Race Studio 3 software allows configuring videos as desired. Recording may be started/stopped automatically when the speed/RPM threshold is exceeded, eliminating the need for driver interaction.



Part No.	Description
AIMX99SHD6706U	SmartyCam HD with 4m CAN Bus, 67° Lens
AIMX99SHD8406U	SmartyCam HD with 4m CAN Bus, 84° Wide View Lens
Replacement/Accessory Components	
AIMV02566060	CAN Harness - L = 4 mt
AIMV02566070	CAN Harness - L = 2 mt
AIMV02566300	4m CAN Bus and Integrated 3.5 Female Jack for Ext. Microphone Harness
AIMX90KSSMC0	Mounting Kit for 1"-2.1" Roll Bar
AIMX40GPS080M0400	GPS08 Roof Mount Module with 4m Cable



XTREME Piston Ring Compressors

Tapered ring compressors ease piston installation and eliminate ring breakage. Compressors are machined from 6061-T6 aluminum, heat treated, hard anodized, and available in a variety of bore sizes.

Bore Dia.	Part No.	Bore Dia.	Part No.
3.875"	ACXAC-RC3875	4.090"	ACXAC-RC4090
3.905"	ACXAC-RC3905	4.125"	ACXAC-RC4125
4.000"	ACXAC-RC4000	4.145"	ACXAC-RC4145
4.020"	ACXAC-RC4020	4.155"	ACXAC-RC4155
4.030"	ACXAC-RC4030	4.165"	ACXAC-RC4165
4.040"	ACXAC-RC4040	4.187"	ACXAC-RC4187
4.060"	ACXAC-RC4060	4.250"	ACXAC-RC4250



XTREME Assembly Oil ACXAC-9900

Engineered to lubricate cylinders, pistons, and piston rings during the engine assembly process. Xtreme assembly oil prevents piston scuffing and promotes piston ring seating during the critical break-in period. Sold in a 16-oz. bottle.



Rod Ends

Alinabal offers two main lines of rod ends. 1) The PRO-Line series: maintenance-free, economical steel performance rod ends with carbon fiber-reinforced races, ideal for suspension and other components; 2) The premium RM Series chrome moly three-piece steel rod ends, are designed to handle increased static loads.

Description	LH Part No.	RH Part No.
PRO-Line Steel Series Rod Ends		
1/2" x 5/8"-18	AL130004731	AL130004723
5/8" x 5/8"-18	AL130004730	AL130004722
5/8" x 3/4"-16	—	AL130004725
3/4" x 3/4"-16	AL130004732	AL130004724
RM Series Chrome Moly Steel Rod Ends		
5/8" x 5/8"-18	—	AL188000085



PRO-Line Steel Series



RM Series Chrome Moly Steel



GP Pro Comp Suit

Lightweight, three-layer driving suit, which meets both 3.2A/5 and FIA 8856-2000 standards, utilizes knitted stretchable panels for maximum comfort and breathability. Suit additionally includes a tall, ribbed collar, fully floating arm construction, adjustable collar and belted waist. Offered in black/red, asphalt/white/red, or black/fluorescent orange.

Size	Black/Red	Asphalt/White/Red	Black/Fluorescent Orange
Medium	ALP3352119-13-52	ALP3352119-9123-52	—
Medium/Large	—	—	ALP3352119-156-54
Large	ALP3352119-13-56	ALP3352119-9123-56	ALP3352119-156-56
Large/X-Large	ALP3352119-13-58	ALP3352119-9123-58	ALP3352119-156-58
X-Large	ALP3352119-13-60	ALP3352119-9123-60	ALP3352119-156-60
X-Large	ALP3352119-13-62	—	—
XX-Large	ALP3352119-13-64	—	—

GP Race Suit

One-piece, double-layer GP Race Suit v2 features anatomical arm, leg, and torso paneling for improved driver position comfort. Advanced, Aramidic inner and outer layers combine to deliver exceptional heat protection and increased comfort. A Velcro adjustable collar and belted waist help provide a precise fit. Certified to meet new FIA 8856-2018 specifications. Offered in black/fluorescent orange, grey/black/red or silver/red.



Size	Black/Fluorescent Orange	Grey/Black/Red	Silver/Red
Medium	—	ALP3355120-1431-52	—
Medium/Large	ALP3355120-1424-54	ALP3355120-1431-54	ALP3355120-1913-54
Large	ALP3355120-1424-56	ALP3355120-1431-56	ALP3355120-1913-56
Large/X-Large	ALP3355120-1424-58	ALP3355120-1431-58	ALP3355120-1913-58
X-Large	ALP3355120-1424-60	ALP3355120-1431-60	ALP3355120-1913-60

Engine Glove

A lightweight, multi-material mechanic's glove that combines stretch mesh and stretch fabric with synthetic suede palms for comfort and protection. Short-cuff glove features touch-screen compatible fingertip for eased use of handheld devices. Black/gray only.



Size	Part No.
Small	ALP3552519-106-S
Medium	ALP3552519-106-M
Large	ALP3552519-106-L
X-Large	ALP3552519-106-XL
XX-Large	ALP3552519-106-XXL

Knoxville Suit

One-piece Knoxville racing suit is designed exclusively for the Saturday night racer. Two-layer construction suit offers added comfort and weight savings. The 100% Aramidic outer layer provides superior resistance to heat, while the Aramidic inner layer provides maximum heat protection. Suit also includes elasticized waist, boot cut pant legs, shoulder epaulettes, and thigh pockets. Meets SFI 3.2A/5 specifications. Choose from black, black/red, or blue.



Size	Black	Black/Red	Blue
X-Small	ALP3355916-10-46	ALP3355916-31-46	—
Small	ALP3355916-10-48	ALP3355916-31-48	ALP3355916-7100-48
Small/Medium	ALP3355916-10-50	—	—
Medium	ALP3355916-10-52	ALP3355916-31-52	ALP3355916-7100-52
Medium/Large	ALP3355916-10-54	ALP3355916-31-54	ALP3355916-7100-54
Large	ALP3355916-10-56	ALP3355916-31-56	ALP3355916-7100-56
Large/X-Large	ALP3355916-10-58	ALP3355916-31-58	ALP3355916-7100-58
X-Large	ALP3355916-10-60	ALP3355916-31-60	ALP3355916-7100-60
X-Large/XX-Large	ALP3355916-10-62	ALP3355916-31-62	ALP3355916-7100-62
XX-Large	ALP3355916-10-64	ALP3355916-31-64	ALP3355916-7100-64
XX-Large/XXX-Large	ALP3355916-10-66	ALP3355916-31-66	ALP3355916-7100-66

SP Shoe

Sleek SP racing shoes meet SFI 3.3 specifications and feature suede-leather construction and a sharp profile. Shoes include an ergonomically designed foot bed, lace closure system, ultra-lightweight design, and offer exceptional pedal feel. Choose from black, red, blue, or black/fluorescent yellow.



Size	Black	Red	Blue	Black/Fluorescent Yellow
5	ALP2710618-12B-5	ALP2710618-31-5	ALP2710618-713-5	ALP2710618-155-5
6	ALP2710618-12B-6	—	ALP2710618-713-6	—
7	ALP2710618-12B-7	ALP2710618-31-7	ALP2710618-713-7	ALP2710618-155-7
7.5	ALP2710618-12B-7.5	ALP2710618-31-7.5	ALP2710618-713-7.5	ALP2710618-155-7.5
8	ALP2710618-12B-8	ALP2710618-31-8	ALP2710618-713-8	ALP2710618-155-8
8.5	ALP2710618-12B-8.5	ALP2710618-31-8.5	ALP2710618-713-8.5	ALP2710618-155-8.5
9	ALP2710618-12B-9	ALP2710618-31-9	ALP2710618-713-9	ALP2710618-155-9
9.5	ALP2710618-12B-9.5	ALP2710618-31-9.5	ALP2710618-713-9.5	ALP2710618-155-9.5
10	ALP2710618-12B-10	ALP2710618-31-10	ALP2710618-713-10	ALP2710618-155-10
10.5	ALP2710618-12B-10.5	ALP2710618-31-10.5	ALP2710618-713-10.5	ALP2710618-155-10.5
11	ALP2710618-12B-11	ALP2710618-31-11	ALP2710618-713-11	ALP2710618-155-11
12	ALP2710618-12B-12	ALP2710618-31-12	ALP2710618-713-12	ALP2710618-155-12
13	ALP2710618-12B-13	ALP2710618-31-13	ALP2710618-713-13	ALP2710618-155-13

Tech 1-T Shoe

The Tech 1-T combines a durable, full-grain leather and suede outer with a Para-aramidic fiber tubular lining for maximum safety and comfort. Shoe meets FIA 8856-2000 and SFI standards, uses a dual-closure adjustable hook-and-loop strap traditional lacing, and a hidden loop system for secure closure. Choose from black, black/silver, or black/white/red.



Size	Black	Black/Silver	Black/White/Red
8	ALP2710119-12B-8	ALP2710119-119-8	ALP2710119-123-8
8-1/2	ALP2710119-12B-8.5	ALP2710119-119-8.5	ALP2710119-123-8.5
9	ALP2710119-12B-9	ALP2710119-119-9	ALP2710119-123-9
9-1/2	ALP2710119-12B-9.5	ALP2710119-119-9.5	ALP2710119-123-9.5
10	ALP2710119-12B-10	ALP2710119-119-10	ALP2710119-123-10
10-1/2	ALP2710119-12B-10.5	ALP2710119-119-10.5	ALP2710119-123-10.5
11	ALP2710119-12B-11	ALP2710119-119-11	ALP2710119-123-11
12	ALP2710119-12B-12	ALP2710119-119-12	ALP2710119-123-12



Tech 1-ZX Glove **NEW!**

Premium Tech 1-ZX v2 glove features increased comfort and feel through the use of inside seams on the thumb and outside seams and the other fingers. The open cuff design and 180° elasticized wrist allow easy entry and a secure fit. Meets new FIA 8856-2018 specifications. Offered in black/red, black/grey, or black/fluorescent orange.



Size	Red/Black	Black/Fluorescent Orange
Small	ALP3550320-1036-S	ALP3550320-156-S
Medium	ALP3550320-1036-M	ALP3550320-156-M
Large	ALP3550320-1036-L	ALP3550320-156-L
X-Large	ALP3550320-1036-XL	ALP3550320-156-XL
XX-Large	ALP3550320-1036-2XL	ALP3550320-156-2XL

Tech 1 Race Glove **NEW!**

New and improved v2 glove uses Nomex main construction with fire-resistant lining to meet stringent SFI 3.3A/5 and FIA 8856-2018 specifications. Gloves combine single-panel top construction, foam knuckle, wrist padding, and pre-curved fingers and palms for improved feel and comfort.



Size	Black/White	Black/Red
Small	ALP3551120-12B-S	ALP3551120-13-S
Medium	ALP3551120-12B-M	ALP3551120-13-M
Large	ALP3551120-12B-L	ALP3551120-13-L
X-Large	ALP3551120-12B-XL	ALP3551120-13-XL
XX-Large	ALP3551120-12B-2XL	ALP3551120-13-2XL

Size	Black/Fluorescent Yellow	Black/Fluorescent Orange
Small	ALP3551120-155-S	ALP3551120-156-S
Medium	ALP3551120-155-M	ALP3551120-156-M
Large	ALP3551120-155-L	ALP3551120-156-L
X-Large	ALP3551120-155-XL	ALP3551120-156-XL
XX-Large	ALP3551120-155-2XL	ALP3551120-156-2XL

Tech 1 Start Glove **NEW!**

New and improved, v2 glove features inside seams on all fingers for unsurpassed comfort, fit, and feel. Anatomically optimized and streamlined for the tight confines of today's modern cockpits. Close-fitting, straight extended cuffs help provide a secure closure. Meets new FIA 8856-2018 standards.



Size	Black/White	Red/White
Small	ALP3551620-12B-S	ALP3551620-32-S
Medium	ALP3551620-12B-M	ALP3551620-32-M
Large	ALP3551620-12B-L	ALP3551620-32-L
X-Large	ALP3551620-12B-XL	ALP3551620-32-XL
XX-Large	ALP3551620-12B-2XL	ALP3551620-32-2XL

Size	Fluorescent Yellow	Blue/White
Small	ALP3551620-551-S	ALP3551620-7022-S
Medium	ALP3551620-551-M	ALP3551620-7022-M
Large	ALP3551620-551-L	ALP3551620-7022-L
X-Large	ALP3551620-551-XL	ALP3551620-7022-XL
XX-Large	ALP3551620-551-2XL	ALP3551620-7022-2XL

ZX EVO Tech Layers **NEW!**

Constructed with Lenzing FR, an innovative material that features superior flame resistance and protection against heat transfer. Formula 1 specification undergarments are lightweight and comfortable. ZX EVO v3 undergarments meet new FIA 8856-2018 standards. Choose from black, grey, or white.



Size	Long Sleeve/Black	Long Sleeve/Gray
 Tops 		
X-Small/Small	ALP4755220-106A-XS/S	ALP4755220-201B-XS/S
Medium/Large	ALP4755220-106A-M/L	ALP4755220-201B-M/L
X-Large/XX-Large	ALP4755220-106A-X/2X	ALP4755220-201B-X/2X

Size	Black	Gray
 Bottoms 		
X-Small/Small	ALP4755720-106A-XS/S	ALP4755720-201B-XS/S
Medium/Large	ALP4755720-106A-M/L	ALP4755720-201B-M/L
X-Large/XX-Large	ALP4755720-106A-X/2X	ALP4755720-201B-X/2X

Size	Black	White
 Socks 		
Small	ALP4704020-10-S	ALP4704020-20-S
Medium	ALP4704020-10-M	ALP4704020-20-M
Large	ALP4704020-10-L	ALP4704020-20-L
X-Large	ALP4704020-10-XL	ALP4704020-20-XL

Race Tech Layers **NEW!**

Specifically designed to provide added protection, undergarments are lightweight and offer exceptional breathability. Race v3 series undergarments meet new FIA 8856-2018 certification.



Size	Dark Gray	Light Gray
 Race Top/Long Sleeve 		
Small	ALP4754520-1112-S	ALP4754520-11-S
Medium	ALP4754520-1112-M	ALP4754520-11-M
Large	ALP4754520-1112-L	ALP4754520-11-L
X-Large	ALP4754520-1112-XL	ALP4754520-11-XL
XX-Large	ALP4754520-1112-2XL	ALP4754520-11-2XL

Size	Black	White
 Race Bottoms 		
Small	ALP4754720-1112-S	ALP4754720-11-S
Medium	ALP4754720-1112-M	ALP4754720-11-M
Large	ALP4754720-1112-L	ALP4754720-11-L
X-Large	ALP4754720-1112-XL	ALP4754720-11-XL
XX-Large	ALP4754720-1112-2XL	ALP4754720-11-2XL

Size	Black	White
 Race Socks 		
Small	ALP4704320-10-S	ALP4704320-20-S
Medium	ALP4704320-10-M	ALP4704320-20-M
Large	ALP4704320-10-L	ALP4704320-20-L
X-Large	ALP4704320-10-XL	ALP4704320-20-XL



Size	Dark Gray	Light Gray
 Balaclava 		
One Size Fits All	ALP4754820-1112-O/S	ALP4754820-11-O/S

Size	Black	White
 Balaclava 		
One Size Fits All	ALP4754920-106A-O/S	ALP4754920-201B-O/S



Goanna Duffle

ALP6106018-140-O/S

Large, heavy-duty bag is 32.3" x 15.4" x 17.7" (82cm x 39cm x 45cm), making it well suited to storing driving suits, garments, shoes/boots, etc. Bag features a large main storage area and several smaller compartments with walls that may be removed to provide a single, large storage area, if desired. Two-strap handle eases transport.



Komodo Travel Bag

ALP6106118-140-O/S

Sized to secure all protective gear, travel bag is 37" x 17.7" x 15.7" (94cm x 45cm x 40cm) and may be transported using the two-strap handle or smooth, outdoor rolling wheels. Incorporated storage compartments include removable divider walls to provide a single, extra-large storage area, if desired.



Youth Neck Support

ALP6540118-155-O/S

Lightweight support provides an alternative load path for excess energy that compresses the neck of youth during oval track or kart racing, increasing safety and reducing the risk of injury. Ergonomically designed support features a rigid polymer frame with soft injected EVA to deliver a perfect fit. Fits 8-14 yr. olds.



Sequence Youth Neck Roll

Developed specifically for young oval track or and kart racers. Sequence neck support is ergonomically profiled to deliver superior neck support. Neck roll features a soft PU foam base and hard EVA layer to deliver exceptional energy dissipation.



Part No.	Description
ALP6741018-13-S/M	6-10 Yrs. Old.
ALP6741018-13-L/XL	10-14 Yrs. Old

Meta Road Shoe **NEW!**

Comfortable, yet rugged shoe is well suited to mechanics and crew personnel that desire an easy slip-on design, while the large toebox allows the toes to spread out for easy kneeling. Oil-resistant soles grip better on dirty surfaces and a removable inner sock improves breathability. Lightweight construction with 360° tongue helps provide a "glove-like" fit. Black only.

Size	Part No.
7.5	ALP2654520S-111-7.5
8	ALP2654520S-111-8
8.5	ALP2654520L-111-8.5
9	ALP2654520L-111-9
9.5	ALP2654520L-111-9.5
10	ALP2654520L-111-10
10.5	ALP2654520L-111-10.5
11	ALP2654520L-111-11
11.5	ALP2654520L-111-11.5
12	ALP2654520L-111-12
12.5	ALP2654520L-111-12.5
13	ALP2654520L-111-13
13.5	ALP2654520L-111-13.5



Vibe Impact Series

Made with thermoplastic rubber metacarpal bumpers for maximum dexterity. Synthetic leather-reinforced padded palm reduces vibration and softens blows to the palm. Special fingertips allow operation of touch-screen computers and smart devices without taking gloves off.



Size	Black	Red	Florescent Green
Small	ASCAG03-01-S	ASCAG03-02-S	ASCAG03-04-S
Medium	ASCAG03-01-M	ASCAG03-02-M	ASCAG03-04-M
Large	ASCAG03-01-L	ASCAG03-02-L	ASCAG03-04-L
X-Large	ASCAG03-01-XL	ASCAG03-02-XL	ASCAG03-04-XL
XX-Large	ASCAG03-01-XXL	ASCAG03-02-XXL	ASCAG03-04-XXL
XXX-Large	ASCAG03-01-XXXL	—	ASCAG03-04-XXXL
Size	Coyote	Stealth	
Small	ASCAG03-05-S	ASCAG03-07-S	
Medium	ASCAG03-05-M	ASCAG03-07-M	
Large	ASCAG03-05-L	ASCAG03-07-L	
X-Large	ASCAG03-05-XL	ASCAG03-07-XL	
XX-Large	ASCAG03-05-XXL	ASCAG03-07-XXL	

Standard Mechanic Series

Streamlined glove with specialized fingertips allows the user to operate touch-screen devices like smart phones and diagnostic tools. Manufactured with cut- and puncture-resistant materials, gloves have synthetic leather split palm and breathable mesh top.



Size	Black	Red	Florescent Green
Small	ASCAG02-01-S	ASCAG02-02-S	ASCAG02-04-S
Medium	ASCAG02-01-M	ASCAG02-02-M	ASCAG02-04-M
Large	ASCAG02-01-L	ASCAG02-02-L	ASCAG02-04-L
X-Large	ASCAG02-01-XL	ASCAG02-02-XL	ASCAG02-04-XL
XX-Large	ASCAG02-01-XXL	ASCAG02-02-XXL	ASCAG02-04-XXL
XXX-Large	ASCAG02-01-XXXL	—	ASCAG02-04-XXXL
XXX-Large	ASCAG03-01-XXXL	—	ASCAG03-04-XXXL
Size	Coyote	Stealth	
Small	ASCAG02-05-S	ASCAG02-07-S	
Medium	ASCAG02-05-M	ASCAG02-07-M	
Large	ASCAG02-05-L	ASCAG02-07-L	
X-Large	ASCAG02-05-XL	ASCAG02-07-XL	
XX-Large	ASCAG02-05-XXL	ASCAG02-07-XXL	



Driver X Series

The choice of championship drivers, the Driver X is constructed from fire-resistant, breathable Carbon X. Goatskin leather palms add longevity without loss of feel, while the elastic wrist design adds security. Meets SFI 3.3/1 specifications. Black only.

Size	Part No.
Small	ASCAGD1-01-S
Medium	ASCAGD1-01-M
Large	ASCAGD1-01-L
X-Large	ASCAGD1-01-XL
XX-Large	ASCAGD1-01-XXL



Heat Sleeves ASCAGHS-PR

These 18" long, 100% modacrylic, double-layer heat sleeves are able to withstand up to 600°F and are manufactured with thumb holes for a more secure fit.



Pro High-Performance Synthetic Blend Motor Oil

High-performance lubricant includes a blend of high-quality synthetics and mineral base stocks for outstanding engine protection, even under high-stress racing conditions. Sold in quart bottles, or in cases of 12 quarts.

Description	1 Quart Bottle	1 Case (12) Quarts
5W-20 Motor Oil	AMA75646-56	AMA160-75646-56
5W-30 Motor Oil	AMA75666-56	AMA160-75666-56
5W-40 Motor Oil	—	AMA160-65696-56
5W-50 Motor Oil	AMA75616-56	AMA160-75616-56
10W-30 Motor Oil	AMA75676-56	AMA160-75676-56
10W-40 Motor Oil	AMA75686-56	AMA160-75686-56
15W-50 Motor Oil	AMA75636-56	AMA160-75636-56
20W-50 Motor Oil	AMA75696-56	AMA160-75696-56



Elixir Full Synthetic Motor Oil

Formulated with 100% base stocks and a package of state-of-the-art additives. Versatile formula is well suited for street or competition racing applications. Sold in quart bottles, or in cases of 12 quarts.

Description	1 Quart Bottle	1 Case (12) Quarts
0W-20 Motor Oil	AMA65756-56	AMA160-65756-56
0W-40 Motor Oil	—	AMA160-65776-56
5W-20 Motor Oil	AMA75746-56	AMA160-75746-56
5W-30 Motor Oil	AMA75766-56	AMA160-75766-56
5W-40 Motor Oil	AMA65796-56	AMA160-65796-56
5W-50 Motor Oil	AMA75716-56	AMA160-75716-56
15W-50 Motor Oil	AMA75736-56	AMA160-75736-56



DX III-H/M Automatic Transmission Fluid

Recommended for a wide range of transmissions specifying Dexron III/Mercon ATF. May also be used in power steering units and other hydraulic systems that specify Dexron III/Mercon type transmission fluids. Sold in quart bottles, or in cases of 12 quarts.

Description	1 Quart Bottle	1 Case (12) Quarts
DX III-H/M Automatic Transmission Fluid	AMA72836-56	AMA160-72836-56



Universal Synthetic Automatic Transmission Fluid

A fully synthetic, premium automatic transmission fluid designed for a wide variety of vehicles and applications. Fluid combines a special blend of synthetic base oils, a multi-functional additive system, and advanced friction modifiers. Sold in quart bottles, or in cases of 12 quarts.

Description	1 Quart Bottle	1 Case (12) Quarts
Universal Synthetic Automatic Transmission Fluid	AMA72866-56	AMA160-72866-56



Ford Type F Automatic Transmission Fluid

Durable, yet economical Ford Type F fluid may be used when a 2-P or M2C33-F fluid is recommended or required. May also be used in all transmissions, power steering units, and hydraulic systems where Ford Type F fluid is specified. Sold in one-quart bottles, or in cases of 12 quarts.

Description	1 Quart Bottle	1 Case (12) Quarts
Ford Type F Automatic Transmission Fluid	AMA62836-56	AMA160-62836-56



Elixir Full Synthetic 75W-90 Gear Lube

Elixir gear lubricant delivers maximum protection to gear sets, providing longer gear life, maximum gear protection, and improved efficiency. GL-5 lubricant is manufactured from 100% synthetic base oils and includes a specialized additive system for unsurpassed durability. Sold in one-quart bottles, or in cases of 12 quarts.

Description	1 Quart Bottle	1 Case (12) Quarts
Elixir Full Synthetic 75W-90 Gear Lube	AMA73166-56	AMA160-73166-56



Hypoid Gear Multi-Purpose Gear Lube

Hypoid Gear Multi-Purpose lubricant combines the benefits of maximum gear protection at minimum cost. GL-5 lubricant satisfies basic rear axle performance requirements to a wide variety of differentials. Sold in one-quart bottles, or in cases of 12 quarts.

Description	1 Quart Bottle	1 Case (12) Quarts
Hypoid Gear Multi-Purpose 75W-90	AMA73116-56	AMA160-73116-56
Hypoid Gear Multi-Purpose 85W-140	AMA73156-56	AMA160-73156-56





Elixir Tri-Vis Plus Gear Lube

Tri-Vis Plus is a multi-graded (75W-85W-140) gear lubricant that meets most field requirements defined by the API and SAE. The GL-5 lubricant includes a robust additive system and improved viscosity modifiers that allow it to replace 80W-90 and 85W-140 gear oils. Sold in one-quart bottles, or in cases of 12 quarts.



1 Quart
Bottle

AMA71376-56

1 Case
(12) Quarts

AMA160-71376-56

Blue Hi-Temp Grease

Lithium complex grease is intended for automotive applications requiring protection from extreme pressure, oxidation, water resistance, and rust. Suitable for wheel bearings, ball joints, etc. Sold in 1-lb. tubs, 14-oz. cartridges, or in cases of tubs or cartridges.



1 lb.
Tub

AMA68326-93

1 Case
(12) Tubs

AMA160-68326-93

14-oz.
Cartridge

AMA68321-91

1 Case
(10) Cartridges

AMA160-68321-91

Elixir Synthetic Blend Grease

Elixir offers improved protection when compared to traditional greases. Sold in 15-oz. cartridges, or in cases of 10 cartridges.



15 oz.
Cartridge

AMA68342-94

1 Case
(10) 15-oz. Cartridges

AMA160-68342-94

Premium DOT 3 and DOT 4 Brake Fluids

DOT 3 and DOT 4 brake fluids minimize corrosion, lubricate, and control seal swelling over a wide temperature range. DOT 3 fluid has a minimum boiling point of 450°F, while the DOT 4 fluid includes a minimum boiling point of 475°F. Sold in bottles or in cases.



Description	12-oz. Bottle	8-oz. Bottle	1 Case (12) 12-oz. Bottle	1 Case (24) 8-oz. Bottle
DOT 3	AMA65031-92	—	AMA160-65031-92	—
DOT 4	—	AMA65041-92	—	AMA160-65041-92



GP-7SRC

Constructed using an advanced, SRC (Super Racing Carbon) shell, the GP-7 SRC is engineered to provide exceptional comfort and protection, while remaining exceptionally lightweight. Model includes an advanced ventilation system to provide increased driver comfort. Meets FIA 8860-2018 and Snell SA2020 standards. Offered in white or black frost.



Size	White	Black Frost
Small	ARI685311183828	ARI685311183866
Medium	ARI685311183835	ARI685311183873
Large	ARI685311183842	ARI685311183880

SK-6

Designed primarily for karting but equally suited to other forms of racing, the SK-6 combines unsurpassed safety and comfort with lightweight construction. Constructed using a Complex Laminate Construction (CLC) shell, helmet is fitted with a soft, EPS liner. Meets Snell SA2020 specifications. White only.



Size	Part No.
X-Small	ARI685311184115
Small	ARI685311184122
Medium	ARI685311184139
Large	ARI685311184146
X-Large	ARI685311184153

GP-5W

The GP-5W features an expanded eye port for a larger field of vision. Lightweight, carbon composite helmet is fitted with a hybrid EPS liner for unsurpassed safety and comfort. Meets Snell SA2020 standards. Offered in white only.



Size	Part No.
Small	ARI685311184047
Medium	ARI685311184054
Large	ARI685311184061
X-Large	ARI685311184078

Replacement Helmet Components

Part No.	Description
ARI102064	Tearoffs for GP-6, Pack of 5
ARI112408	Tearoffs for GP-5W, Pack of 5
ARI112403	PED Wicker Bill Kit
ARI112408	Pivot Kit, GP-6/SK-6
ARI112408	Shield Latch Arm Kit
ARI01-1630	GP-7 Tear-Offs, (6) Clear Sheets
ARI11-2406	GP-7 Screw Kit

Replacement Shields

Helmet Model	Clear	Dark Tint	Light Tint	Yellow Coated	Anti-Fog Clear	Anti-Fog Dark Tint	Anti-Fog Light Tint	Anti-Fog Clear/Pink	Anti-Fog Dark Tint/Pink	Anti-Fog Light Tint/Pink
GP-6, SK-6	ARI011280	ARI011281	ARI011282	ARI011284	ARI011290	ARI011291	ARI011292	—	—	—
GP-5W	ARI011321	ARI011322	ARI011323	—	—	—	—	—	—	—
GP-7	ARI01-1600	ARI01-1601	ARI01-1602	—	ARI01-1610	ARI01-1611	ARI01-1612	ARI01-1615	ARI01-1616	ARI01-1617
GP-7/D-Pane	—	—	—	—	ARI01-1620*	—	ARI01-1621*	—	—	—

*D-pane shields include a seal to further protect against fog in harsh racing environments.

AcuAngle Level [ARGRP302](#)

The AcuAngle can find and set any angle, and is particularly helpful when building roll cages or checking driveshaft angles. Pocket-sized angle level has an oil bezel-type gauge with magnetic base. Dimensions: 3-3/4" x 3-1/8" x 1/2". Accurate to 0.1° and includes 6" scale.



Digital Tire Gauge [ARGRP108](#)

Large gauge has digital readout that displays a 3-100 PSI range in 0.5-lb. increments. Flexible hose has a swivel air chuck and bleeder valve for easy pressure settings and adjustments. Accurate to ±1 PSI.



High-Flow Air Regulator [ARGRP100](#)

High-flow regulator with diaphragm flows 183 CFM at 250 PSI. Pressure drop at 200 PSI is only 10 lbs. Jack ports are 3/8" NPT.



Sport Jack [ARGRP475](#)

The Sport Jack incorporates a Pace power unit with steel lift beam and unique monocoque chassis. Conforms to Pace quality standards. Weighs 39 lbs. Jack has just a 3-1/8" flat height, features 1-3/4" lift per stroke and is capable of 18" maximum lift.



Dirt Wing Kit [ARGRP653](#) (Sold Separately)



Twister™ 1" Lug Nut Socket [ARG620001](#)

The quickest and most durable lug nut socket on pit road. Self-centering, heat-treated socket with greater entry angle provides smooth, fast nut engagement and quick release while eliminating any chance of jamming.



Billet Remote Filter Mount with Screen [NEW! ARGHPF301](#)

Billet, finned aluminum remote mount dissipates heat and includes -12AN outlet and inlet ports. Adapter includes a 40-mesh, 381-micron screen to trap contaminants before they enter the oil filter. Adapter accepts popular Fram HP6A two-quart oil filter.



AMC Pacer Re-Creation Spindle

Popularly used on Modified chassis, 1975-80 AMC Pacer Re-Creation Spindle is taller, lighter, and stronger than other units. Three-piece spindle includes an improved king pin angle and closer bump steer. Manufactured in the USA from forged 4130 alloy steel, spindle weighs just 9.4 lbs., has a 8-5/8" ball joint spread, 7° king pin angle, and 5-3/8" steering arm length. Sold each.



Part No.	Description
ARGRP929	1975-80 AMC Pacer/Modified Spindle Kit
ARGAU929	Caliper Bracket Kit for ARGRP929 , Accepts GM Metric Caliper
ARGAU437	Spindle Bolt Kit
ARGRP929-1	Caliper Bracket Spacer, .250" Thick, Each
ARGRP929-2	Caliper Bracket, Accepts GM Metric Caliper, Each
ARGRP929-K	Steering Knuckle, Fits Left or Right, Each
ARGRP929-P	Spindle Pin, Each
ARGRP929-S	Steering Arm, Fits Left or Right, Each



Lithium-Ion Motorsports Batteries

An industry leader and innovator in the field of Lithium-Ion batteries, AntiGravity Batteries offer a 70% weight reduction and provide twice the cranking power compared to traditional lead/acid batteries. The significant weight loss results in reduced unsprung weight, improved acceleration, and shorter braking distance. Choose from Small Case, OEM Replacement, Special Voltage, and Car Battery models.



Part No.	Case Type	CA	Capacity Ah	L	W	H	Weight	Max Charge Current Amps
12-Volt Batteries								
ANTAG-1201	Small	360	16	4.5"	3.25"	4.25"	2 lbs., 4 ozs.	12
ANTAG-1601	Small	480	16	4.5"	3.25"	5.25"	3 lbs., 4 ozs.	12
ANTAG-ATX12-16-R	OEM Rep.	480	22	5.87"	3.43"	5.12"	3 lbs.	12
ANTAG-ATX12-20-R	OEM Rep.	600	22	5.87"	3.43"	5.12"	4.2 lbs.	12
ANTAG-ATX12-24-R	OEM Rep.	720	25	5.87"	3.43"	5.12"	5 lbs.	12
16-Volt Battery								
ANTAG-VTX-20-R	Special	500	20	5.87"	3.43"	5.12"	5 lbs.	10

Battery Tracker **NEW!**

Bluetooth monitoring system allows monitoring your vehicle's battery right from your phone. App installs in under two minutes and includes the ability to monitor voltage, starting performance and charging system function. Choose from models for lithium or lead/acid batteries.



Part No.	Description
ANTAG-BTR-1	Battery Tracker, Lithium Batteries
ANTAG-BTR-2	Battery Tracker, Lead/Acid Batteries

XP-10 Microstart [ANTAG-XP-10](#)

Unrivaled for performance and quality in the mini-jump-start market, the XP-10 is the best-selling and top-rated personal power supply currently available. Compact enough to fit in the palm of your hand, yet includes the ability to jump start diesel engines up to 7.3L and large gas engines, as well. May also be used to charge and power 19V laptops, 12V devices, (2) USB 5V devices, etc.



Microstart Sport **NEW!** [ANTAG-XP-SPT-BLK](#)

PPS (Personal Power Supply) has the ability to jump-start vehicles, act as a charging unit for all 5V USB devices, and features a built-in, 70 Lumen LED flashlight. Sold complete with Smart Clamps in a neat, compact carrying case.



CM, CB, CW, & CG Series General-Purpose/Economy 2-Piece Rod Ends

Two-piece rod ends combine a protective-coated, low-carbon steel body with a heat-treated and hard chrome-plated alloy steel ball.

Bore x Thread Size Reference	Male Part No.		Ult. Radial Static Load	Female Part No.		Ult. Radial Static Load
	RH	LH		RH	LH	
3/16" x 10-32	AURCM-3	AURCB-3	1,204 lbs.	AURCW-3	—	2,079 lbs.
1/4" x 1/4"-28	AURCM-4	AURCB-4	2,212 lbs.	AURCW-4	AURCG-4	3,208 lbs.
5/16" x 5/16"-24	AURCM-5	AURCB-5	3,577 lbs.	AURCW-5	—	3,824 lbs.
3/8" x 3/8"-24	AURCM-6	AURCB-6	5,068 lbs.	AURCW-6	AURCG-6	5,087 lbs.
7/16" x 7/16"-20	AURCM-7	AURCB-7	6,345 lbs.	AURCW-7	—	6,385 lbs.
1/2" x 1/2"-20	AURCM-8	AURCB-8	8,338 lbs.	AURCW-8	AURCG-8	9,096 lbs.
5/8" x 5/8"-18	AURCM-10	AURCB-10	9,713 lbs.	AURCW-10	AURCG-10	9,713 lbs.
3/4" x 3/4"-16	AURCM-12	AURCB-12	14,207 lbs.	AURCW-12	AURCG-12	14,207 lbs.



VCM, VCB, VCW, & VCG Series General-Purpose/Economy 2-Piece Rod Ends

Two-piece rod ends are constructed using a protective-coated, low-carbon steel body with a heat-treated, hard chrome-plated alloy steel ball. Rod ends are then fitted with a steel-backed, PT-FC-composite bushing.

Bore x Thread Size Reference	Male Part No.		Ult. Radial Static Load	Female Part No.		Ult. Radial Static Load
	RH	LH		RH	LH	
5/16" x 5/16"-24	AURVCM-5	—	2,623 lbs.	AURVCW-5	—	2,623 lbs.
3/8" x 3/8"-24	AURVCM-6	AURVCB-6	3,643 lbs.	AURVCW-6	—	3,643 lbs.
7/16" x 7/16"-20	—	—	—	AURVCW-7	—	4,464 lbs.
1/2" x 1/2"-20	AURVCM-8	AURVCB-8	7,229 lbs.	AURVCW-8	—	7,229 lbs.
5/8" x 5/8"-18	AURVCM-10	AURVCB-10	8,204 lbs.	AURVCW-10	AURVCG-10	8,204 lbs.
3/4" x 3/4"-16	AURVCM-12	AURVCB-12	12,280 lbs.	AURVCW-12	—	12,280 lbs.



MM, MB, MW, & MG Series General-Purpose/Precision 3-Piece Rod Ends

General-purpose three-piece rod ends are assembled using a protective-coated carbon steel body and race, and a heat-treated, hard chrome-plated alloy steel ball.

Bore x Thread Size Reference	Male Part No.		Ult. Radial Static Load	Female Part No.		Ult. Radial Static Load
	RH	LH		RH	LH	
3/16" x 10-32	AURMM-3	AURMB-3	1,169 lbs.	—	—	—
1/4" x 1/4"-28	—	AURMB-4	2,158 lbs.	—	—	—
5/16" x 5/16"-24	AURMM-5	AURMB-5	2,784 lbs.	AURMW-5	—	3,133 lbs.
3/8" x 3/8"-24	AURMM-6	AURMB-6	4,218 lbs.	—	—	—
7/16" x 7/16"-20	—	—	—	AURMW-7	—	4,218 lbs.
1/2" x 1/2"-20	AURMM-8	AURMB-8	6,660 lbs.	AURMW-8	—	6,660 lbs.
5/8" x 5/8"-18	AURMM-10	AURMB-10	7,364 lbs.	—	—	—
3/4" x 3/4"-16	AURMM-12	AURMB-12	11,518 lbs.	AURMW-12	—	11,518 lbs.



VCAM & VCAB Series Economy Male 2-Piece Rod Ends

Economy rod ends utilize a two-piece design, combining a heat-treated, alloy steel body with a heat-treated, hard chrome-plated alloy steel ball. Rod ends include a steel backed, PTFE-composite bushing.

Bore x Thread Size Reference	Male Part No.		Ult. Radial Static Load
	RH	LH	
5/8" x 5/8"-18	AURVCAM-10	AURVCAB-10	14,755 lbs.
3/4" x 3/4"-16	AURVCAM-12	—	21,150 lbs.

AM, AB, AW & AG Series High Strength 3-Piece Rod Ends

High-strength, three-piece rod ends feature heat-treated, alloy steel bodies with heat-treated and protective-coated alloy steel races, and heat-treated and hard chrome-plated alloy steel balls.

Bore x Thread Size Reference	Male Part No.		Ult. Radial Static Load	Female Part No.		Ult. Radial Static Load
	RH	LH		RH	LH	
1/4" x 1/4"-28	AURAM-4	AURAB-4	5,260 lbs.	—	—	—
5/16" x 5/16"-24	AURAM-5	AURAB-5	7,639 lbs.	AURAW-5	—	7,639 lbs.
3/8" x 3/8"-24	AURAM-6	AURAB-6	9,544 lbs.	AURAW-6	—	9,544 lbs.
7/16" x 7/16"-20	AURAM-7*	AURAB-7*	10,285 lbs.	AURAW-7	—	10,285 lbs.
1/2" x 1/2"-20	AURAM-8*	AURAB-8*	16,238 lbs.	AURAW-8	—	16,238 lbs.
5/8" x 5/8"-18	AURAM-10*	AURAB-10*	17,955 lbs.	AURAW-10	—	17,955 lbs.
3/4" x 3/4"-16	AURAM-12*	AURAB-12*	28,081 lbs.	AURAW-12	—	28,081 lbs.

* Signifies rod ends that are also stocked with PTFE liner by adding "T" to end of part number.



XM & XB Series Extra-Strength Male 3-Piece Rod Ends

Extra-strength, three-piece rod ends are manufactured using a protective-coated carbon steel body, heat-treated alloy steel race, and heat-treated and hard chrome-plated alloy steel ball.

Bore x Thread Size Reference	Male Part No.		Ult. Radial Static Load
	RH	LH	
1/2" x 1/2"-20	AURXM-8	AURXB-8	12,807 lbs.
5/8" x 5/8"-18	AURXM-10	AURXB-10	16,565 lbs.



XAM & XAB Series High-Strength Male 3-Piece Rod Ends

Three-piece, high-strength rod ends are constructed with heat-treated alloy steel bodies, heat-treated alloy steel races, and heat-treated and hard chrome-plated alloy steel balls.

Bore x Thread Size Reference	Male Part No.		Ult. Radial Static Load
	RH	LH	
3/8" x 7/16"-20	—	AURXAB-6T†	17,508 lbs.
7/16" x 1/2"-20	AURXAM-7T†	—	23,452 lbs.
1/2" x 5/8"-18	AURXAM-8	AURXAB-8*	31,390 lbs.
1/2" x 3/4"-16	AURXAM-8T-2†	AURXAB-8T-2†	40,572 lbs.
5/8" x 3/4"-16	AURXAM-10*	AURXAB-10	40,572 lbs.

* Signifies rod ends that are also stocked with PTFE liner by adding "T" to end of part number. † Signifies rod ends that include a PTFE liner.



PRM & PRB Performance Racing Series 3-Piece Male Rod Ends

Performance Racing Series three-piece rod ends are manufactured using heat-treated, 4340 steel bodies, stainless steel heat-treated races, heat-treated and hard chrome-plated alloy steel balls. Each rod end also includes a permanently bonded PTFE liner for reduced friction and improved durability.

Bore x Thread Size Reference	Male Part No.		Ult. Radial Static Load
	RH	LH	
1/2" x 1/2"-20	AURPRM-8T	AURPRB-8T	23,310 lbs.
5/8" x 5/8"-18	AURPRM-10T	AURPRB-10T	25,909 lbs.
3/4" x 3/4"-16	AURPRM-12T	AURPRB-12T	34,319 lbs.



High Misalignment Series Male Rod End and Spherical Bearings

Engineered specifically for high misalignment, threaded rod ends and spherical bearings are constructed using heat-treated 4340 steel bodies, heat-treated 4130 steel races, heat-treated and hard chrome-plated alloy steel balls, and PTFE liners.

Part No.	Description
AURHXAM-7T	7/16" Bore x 1/2"-20 Thread Rod End
AURHAB-8T	.500" I.D. x 1.125" O.D. Spherical Bearing
AURHXAM-8T	1/2" Bore x 5/8"-18 RH Thread Rod End NEW!
AURHAB-10T	.625" I.D. x 1.375" O.D. Spherical Bearing
AURHAB-12T	.750" I.D. x 1.562" O.D. Spherical Bearing



AURHXAB-8T

Mono-Ball Shock Bearings

Part No.	Description
AURCOM-8T-24	Replacement 1/2" Dia. Bearing for Bilstein Shocks
AURCOM-8T-31	Replacement 1/2" Dia. Bearing for Ohlins/Koni Shocks



Mono Ball Bearings

Race is carbon steel with protective coating. Ball is hardened steel, heat-treated, and hard chrome-plated.

Part No.	I.D.	O.D.
AURCOM-8	.500"	1.0000"
AURCOM-10	.625"	1.1875"
AURCOM-12	.750"	1.4375"
AURCOM-12T*	.750"	1.4375"

* Signifies mono ball that include a PTFE liner.



Rod Ends with Studs

Perfect for throttle linkage and other applications.

Size	Male	Female
1/4" RH	AURCM-4S	AURCW-4S
5/16" RH	AURCM-5S	AURCW-5S
3/8" RH	AURCM-6S	AURCW-6S
1/4" LH	—	AURCG-4S
5/16" LH	AURCB-5S	AURCG-5S
3/8" LH	AURCB-6S	AURCG-6S



Auto/ite®



CHRIS JOSEPH

JOHNNYB IMAGERY

Race Series Spark Plugs

Innovative new spark plugs use a new Yttrium-enhanced alloy that delivers up to 8% less sidewire temperatures, improving durability and reducing the risk of pre-ignition. A cut-background electrode offers improved combustion, while anti-corrosive nickel plating reduces corrosion compared to traditional black oxide. **Please see page 841 for applications.**





Race Dash **NEW! ATM6014**

Engineered specifically to meet the demands of dirt and asphalt modifieds, and late model oval track applications, Race Dash allows monitoring engine RPM, oil pressure, oil temperature, water temperature, carbureted fuel pressure and battery voltage using a single, waterproof digital display. Compact unit, which is just 7.5"W x 4"H x 1-1/2"D, incorporates modern LED lighting, built-in warning lights and a shift light. Includes a provision for an optional water pressure channel with purchase of a separate sensor. Sold complete with external push button controls, sensors, wiring harness and necessary hardware.



Spek-Pro Tachometers

In-dash tachometers, offered in 5" or 2-1/16" diameters, include precise, 280° brushless stepper motor movement for superior accuracy. Seven-color user-selectable functions allow setting the desired background illumination with adjustable brightness for day and night. Peak recall allows displaying the highest RPM attained during the last race, while a five-LED alarm provides notification of pit road speed and approaching red line. Sold complete with mounting bracket and wiring harness.



Part No.	Description
ATMP238328	8,000 RPM Tachometer, 5" Dia.
ATMP239328	11,000 RPM Tachometer, 5" Dia.
ATMP334328	8,000 RPM Tachometer, 2-1/16" Dia.
ATMP336328	11,000 RPM Tachometer, 2-1/16" Dia.
ATMP19373	Replacement Wiring Harness for Spek-Pro Tachometer/Speedometers. NEW!

Spek-Pro Gauges

Advanced, 2-1/16" dia. digital stepper motor gauges combine superior readability and dependability with a competitive appearance. Seven-color user-selectable functions allow setting the desired background illuminations with adjustable brightness for day or night. Gauges also include peak recall function and configurable "high" and "low" warnings. Sold complete with mounting bracket and wiring harness. Choose from gauges with flat antiglare or smoked lens.



Part No.	Description
ATMP32552	Oil Pressure, Smoked Lens, 0-120 PSI NEW!
ATMP34452	Voltmeter, Smoked Lens, 0-16 Volts NEW!
ATMP34652	Water Temperature, Smoked Lens, 100°-300°F. NEW!
ATMP315328	Fuel Pressure, Anti-Glare Lens, 0-15 PSI
ATMP322328	Oil Temperature, Anti-Glare Lens, 100°-300°F.
ATMP325328	Oil Pressure, Anti-Glare Lens, 0-120 PSI
ATMP344328	Voltmeter, Anti-Glare Lens, 0-16 Volts
ATMP346328	Water Temperature, Anti-Glare Lens, 100°-300°F.

Spek-Pro Accessories

Designed for use solely with Auto Meter Spek-Pro gauges.

Part No.	Description
ATMP13125	Temperature Sensor, 40°-300°F, 1/8" Male NPT
ATMP13153	Pressure Sensor, 100/120/150 PSI, 1/8" Male NPT
ATMP13155	Pressure Sensor, 15/30 PSI, 1/8" Male NPT
ATMP19370	Replacement Wiring Harness for Spek-Pro Temperature Gauges NEW!
ATMP19372	Replacement Wiring Harness for Spek-Pro Voltmeter Gauge NEW!
ATMP19380	Replacement Wire Harness, Fuel/Oil/Water Pressure



Ultra-Nite 5" Memory Tachometer **ATM4594**

Ultra-Nite in-dash 10,000 RPM tachometer has a luminescent dial which requires no power connections for lighting. The remote mount recall feature records and displays the highest RPM attained during the race. Water-resistant case makes post-race clean-up easy.



NASCAR Professional 5" Tachometer **ATM6847-05705**

Elite-series NASCAR Professional 0-10,000 RPM Tachometer features pit road speed and progressive shift light functions. Large, 5" tachometer includes three-color, full-dial warning, while customizable band widths and five internal signal indicator lights deliver instant notice to the driver. One-touch feature allows driver to quickly change to a new RPM setting, if desired. Peak recall function allows viewing the highest RPM attained during the last race. Unit may be only used on 8-cylinder engines using points, electronic, and other popular 12V racing ignitions.

Note: Progressive shift and pit road speed functions require PIC module ATM9119 for programming/activation.



Pro-Comp Tachometers

Pro-Comp tachs feature large black dial faces and bright red pointers. Peak RPM memory records and displays the highest RPM attained during the race. Pedestal and in-dash versions are available in 3-3/8", 3-3/4", and 5" diameters.

ATM6601



Part No.	Description
Pedestal Mount	
ATM5610*	10,000 RPM Tachometer, 3-3/4" Dia.
ATM6601	10,000 RPM Memory Tachometer with Remote Recall, 3-3/4" Dia.
ATM6809	9,000 RPM Memory Tachometer, 5" Dia.
ATM6811	11,000 RPM Memory Tachometer, 5" Dia.
In-Dash Mount	
ATM5160*	10,000 RPM Tachometer, 5" Dia.
ATM5161*	10,000 RPM Tachometer, 3-3/8" Dia.
ATM6801	10,000 RPM Memory Tachometer, 5" Dia.

* Does not include peak RPM memory.

Fuel Pressure Isolator Kit **ATM5376**

Engineered for use with a mechanical fuel pressure gauge, kit increases driver safety by isolating racing fuel from the driver's compartment. Capable of up to 15 PSI, red-anodized isolator is sold complete with -4AN fittings.





Ultra-Lite Tachometers

With silver dial faces and bright red pointers, tachs match other Ultra-Lite series gauges. Units with Peak RPM Memory (ATM4494, ATM4499, and ATM6604) recall highest RPM during previous race. Choose tachs in 3-3/8", 3-3/4", or 5" diameters.

Part No.	Description
Pedestal Mount	
ATM3781	8,000 RPM Tachometer, 3-3/4" Dia.
ATM3910	10,000 RPM Tachometer, 5" Dia.
ATM6604	10,000 RPM Memory Tachometer with Remote Recall, 3-3/4" Dia.
In-Dash Mount	
ATM4494	10,000 RPM Memory Tachometer, 5" Dia.
ATM4497	10,000 RPM Tachometer, 3-3/8" Dia.
ATM4498	10,000 RPM Tachometer, 5" Dia.
ATM4499	10,000 RPM Dual-Range Memory Tachometer, 5" Dia.

ATM3781



Ultra-Lite II Tachometers

Ultra-Lite II tachs employ advanced, through-the-dial LED lighting and the traditional silver anodized aluminum dial faces with bright red pointers. For in-dash mounting, tachs are available in 3-3/8" or 5" diameters.

Part No.	Description
ATM4997	10,000 RPM Tachometer, 3-3/8" Dia.
ATM4998	10,000 RPM Tachometer, 5" Dia.



Phantom Tachometers

Tachs have white dial faces, bold black numbering, and bright red pointers. Memory tach (ATM5795) records and displays highest RPM attained during the previous race. Tachs, offered in 3-3/8", 3-3/4", and 5" diameters, are available in pedestal-mount or in-dash versions.

Part No.	Description
Pedestal Mount	
ATM5780	8,000 RPM Tachometer, 3-3/4" Dia.
ATM5795	10,000 RPM Memory Tachometer, 5" Dia.
In-Dash Mount	
ATM5897	10,000 RPM Tachometer, 3-3/8" Dia.
ATM5898	10,000 RPM Tachometer, 5" Dia.

ATM5780



Phantom II 5" Tachometer

ATM7597

In-dash mount 5" diameter, 0-10,000 RPM tachometer has a bright, LED illuminated dial face that changes from white in daytime to black at night. Red pointer provides great readability.



Carbon Fiber Tachometers

In-dash tachometers, in 3-3/8" and 5" diameters, have real carbon fiber faces, super bezels, and bright aluminum pointers. Memory tach (ATM4894) records and displays the highest RPM attained during the previous race.

Part No.	Description
ATM4798	10,000 RPM Tachometer, 3-3/8" Dia.
ATM4894	10,000 RPM Memory Tachometer, 5" Dia.
ATM4898	10,000 RPM Tachometer, 5" Dia.

ATM4894



Sport-Comp Tachometers

Traditional competition tachs have large black dial faces and bright red pointers. Choose in-dash or pedestal-mount versions in 3-3/4" or 5" diameter.

Part No.	Description
Pedestal Mount	
ATM3700	10,000 RPM Tachometer, 3-3/4" Dia.
ATM3780	8,000 RPM Tachometer, 3-3/4" Dia.
ATM3900	10,000 RPM "Monster" Tachometer, 5" Dia.
ATM3980	8,000 RPM "Monster" Tachometer, 5" Dia.
In-Dash Mount	
ATM3990	10,000 RPM Tachometer, 5" Dia.

ATM3780



Sport-Comp II Tachometers

Intense white LED-illuminated dial and red pointer offer great visibility, day or night. In-dash mount tachometers are offered in 3-3/8" and 5" diameters.

Part No.	Description
ATM3697	10,000 RPM Tachometer, 3-3/8" Dia.
ATM3698	10,000 RPM Tachometer, 5" Dia.



Auto Gage 5" Memory Tachometer

ATM233902

Pedestal mount 10,000 RPM tachometer is easy to read and includes Memory/Peak Recall to record and display highest RPM attained. Tach has a black 5" dia. dial face, silver bezel, and bright red pointer.



Memory Switch ATM5225

Replacement rotary memory switch for Pro-Comp tachs with remote memory recall. Switch only, mounting plate not included.



Pro-Lite Warning Lights

Pro-Lite gives an unmistakable warning in the midst of racing action, when there is no time to monitor gauges. Works great with gauges to give first alert to possible problems.



ATM3240

Part No.	Description
ATM3240	Pro-Lite with Red Lens and Red Night Cover, Requires Sender
ATM3241	18 PSI Sender
ATM3242	30 PSI Sender
ATM3243	50 PSI Sender
ATM3246	170-200° Sender
ATM3247	190-220° Sender
ATM3250	Blue Lens Kit with Lens and Night Cover
ATM3251	Yellow Lens Kit with Lens and Night Cover
ATM3252	Red Lens Kit with Lens and Night Cover

Mini Pro-Lite Warning Lights

Lightweight aluminum miniature warning lights operate the same as the Pro-Lite. Bright red bulb gives instant warning of a problem. 12-volt power and sender required. Select from senders listed under the above Pro-Lite Warning Lights.



ATM3238

Part No.	Description
ATM3238	Mini Pro-Lite Warning Light, Ultra Lite Silver
ATM3239	Mini Pro-Lite Warning Light, Black



2-5/8" Dia. Gauges

Ultra-Lite

Ultra-Lite Gauges are the hottest gauges in racing. Aluminum construction reduces weight while the satin aluminum dial face and bright fluorescent red pointer enhance appearance. Available in mechanical and electrical versions. Installation hardware and 12-volt lighting included.



Ultra-Lite Liquid-Filled

Ultra-Lite Liquid-Filled Gauges blend the look of the Ultra-Lite with the ruggedness of Pro-Comp liquid-filled gauges to make these the toughest gauges in racing. Installation hardware and 12-volt lighting included.



Ultra-Nite

Rugged, glow-in-the-dark gauges require no electrical power and have bright white dial faces, bright red pointers, and teal bezels. Installation hardware included.



Ultra-Nite LFG

Identical in appearance and function to the original Ultra-Nite, these gauges are liquid-filled to provide extreme vibration dampening and smooth pointer movement. Mechanical, glow-in-the-dark gauges require no electronics and are sold complete with installation hardware.



2-5/8" Dia. Gauges

Sport-Comp

Sport-Comp Gauges have been widely used in racing since their introduction over thirty years ago. The black dial face and bright red pointer lend a competition appearance that has assured their popularity. Available in mechanical and electrical versions. Installation hardware and 12-volt lighting included.



Carbon Fiber

The Ultra-Lite series has been expanded to include Carbon Fiber gauges with authentic carbon fiber dials and silver bezels and pointers. Installation hardware and 12-volt lighting included.



Pro-Comp

Auto Meter's top-of-the-line series, Pro-Comp gauges are liquid-filled, making them ideal for cars that are subject to excessive vibration. A black dial face and bright fluorescent red pointer allow quick, easy gauge reading. Rugged gauges are available in mechanical and electrical versions. Installation hardware and 12-volt lighting included.



Phantom

Phantom gauges have white dial faces, black bezels, and bright red pointers for quick, easy reading. Installation hardware and 12-volt lighting included.



Description	Ultra-Lite	Ultra-Lite LFG	Ultra-Nite	Ultra-Nite LFG	Sport-Comp	Carbon Fiber	Pro-Comp	Phantom
Water Pressure, 0-35 PSI	ATM4407	—	—	—	—	—	—	—
Fuel Press., 0-15 PSI/Mech.	ATM4411	ATM4611	ATM4511	ATM4211	ATM3411	ATM4811	ATM5411	ATM5810
Fuel Press., 0-15 PSI with Isolator	ATM4413	—	—	—	ATM3413	—	ATM5413	ATM5813
Oil Press., 0-100 PSI/Mech.	ATM4421	ATM4621	ATM4521	ATM4221	ATM3421	ATM4821	ATM5421	ATM5821
Oil Press., 0-200 PSI/Mech.	ATM4422	ATM4622	—	—	ATM3422	—	ATM5422	—
Oil Press., 0-150 PSI/Mech.	ATM4423	—	ATM4523	—	ATM3423	—	—	ATM5823
Brake Press., 0-2,000 PSI/Mech.	ATM4426	—	—	—	—	—	ATM5426	—
Oil Press., 0-100 PSI/Electric	ATM4427	—	—	—	ATM3522	ATM4827	ATM5427	ATM5827
Water Temp., 140-280°/6' Tubing	ATM4431	ATM4631	ATM4531/ATM4535*	ATM4231	ATM3431	ATM4831	ATM5431	ATM5831
Water Temp., 120-240°/6' Tubing	ATM4432	ATM4632	ATM4532	—	ATM3432	ATM4832	ATM5432	ATM5832
Water Temp., 120-240°/12' Tubing	ATM4433	—	—	—	ATM3433	—	ATM5433	—
Temp., 140-340°/8' Tubing	ATM4435	—	—	—	—	—	—	—
Water Temp., 100-250°/Electric	ATM4437	—	—	—	ATM3531	ATM4837	ATM5437	ATM5837
Oil Temp., 140-280°/6' Tubing	ATM4441	ATM4641	ATM4541	—	ATM3441	ATM4841	ATM5441	ATM5841
Oil Temp., 140-280°/12' Tubing	—	—	—	—	ATM3443	—	ATM5443	—
Oil Temp., 140-300°/Electric	ATM4447	—	—	—	ATM3543	ATM4848	ATM5447	ATM5847
Trans. Temp., 140-280°/8' Tubing	ATM4451	—	—	—	ATM3451	ATM4851	ATM5451	ATM5851
Trans. Temp., 100-250°/Electric	ATM4457	—	—	—	ATM3552	—	ATM5457	ATM5857
Fuel Press., 0-15 PSI/Electric	—	—	—	—	ATM3561	—	ATM5461	—
Low Water Temp., 60-210°/Electric	ATM4469	—	—	—	ATM3569	—	ATM5469	—
Voltmeter, 8-18 Volts	ATM4491	—	—	—	ATM3592	ATM4891	ATM5492	ATM5891

* Gauge includes 4' tubing.

Braided Stainless Steel and Copper Gauge Tubing

Tubing for all series of gauges.

Part No.	Description
ATM3224	6' Copper, 1/8" Dia., Mech. Pressure Gauge
ATM3227	3' Braided Stainless -4AN, 3/16" I.D. Mech. Pressure Gauge
ATM3228	6' Braided Stainless -4AN, 3/16" I.D. Mech. Pressure Gauge
ATM3229	4' Braided Stainless -4AN, 3/16" I.D. Mech. Pressure Gauge



ATM3224



ATM3227



2-1/16" Dia. Gauges

Sport-Comp

Sport-Comp styling is now available in the popular 2-1/16" size. Featuring the same easy-to-read black dial face and bright red pointer as the 2-5/8" versions, the 2-1/16" Sport-Comp can be easily read with a quick glance. Installation hardware and 12-volt lighting included.

Sport-Comp II

Gauges feature the look of the traditional Sport-Comp line with modern, "through-the-dial" LED lighting and pointer. Sport-Comp II gauges have a black dial face with white increments that light up for easier reading at night. Installation hardware and 12-volt lighting included.

Ultra-Lite

Auto Meter combined their Ultra-Lite gauges with the popular 2-1/16" size to create the 2-1/16" Ultra-Lite line. The gauges feature satin aluminum dial faces with bright red pointers for excellent visibility. Installation hardware and 12-volt lighting included.



Carbon Fiber

2-1/16" diameter gauges have real carbon fiber dials with silver bezels and pointers. Installation hardware and 12-volt lighting included.

Ultra-Lite II

Easy-to-read gauges feature intense, "through-the-dial" LED lighting and a red, LED-lit pointer. Unique reverse lighting effect displays a silver dial with black increments during daylight, while a dark dial and illuminated increments are visible at night. Installation hardware and 12-volt lighting included.

Phantom

Compact, easy-to-mount 2-1/16" Phantom gauges have bright white dial faces, black bezels, and bright red pointers for easy reading. Installation hardware and 12-volt lighting included.

Phantom II

Bright, white dial faces which change to black at night and red pointers are illuminated by LED's for unmatched visibility. Installation hardware and 12-volt lighting included.



Description	Sport-Comp	Sport-Comp II	Ultra-Lite	Carbon Fiber	Ultra-Lite II	Phantom	Phantom II
Fuel Pressure, 0-15 PSI/Mech.	ATM3311	—	ATM4311	ATM4711	—	—	—
Fuel Pressure, 0-15 PSI with Isolator	ATM3313	—	—	—	—	—	—
Oil Pressure, 0-100 PSI/Mech.	ATM3321	ATM3621	ATM4321	ATM4721	ATM4921	ATM5721	ATM7521
Oil Pressure, 0-200 PSI/Mech.	ATM3322	—	ATM4322	—	—	—	—
Oil Pressure, 0-150 PSI/Mech.	ATM3323	—	ATM4323	—	—	ATM5723	—
Oil Pressure, 0-100 PSI/Electric	ATM3327	ATM3627	ATM4327	ATM4727	ATM4927	ATM5727	ATM7527
Water Temp, 140-280°F/6' Tubing	ATM3331	ATM3631	ATM4331	ATM4731	ATM4931	ATM5731	—
Water Temp, 120-240°F/12' Tubing	ATM3332	ATM3632	ATM4332	ATM4732	ATM4932	ATM5732	—
Water Temp, 120-240°F/6' Tubing	ATM3333	—	ATM4333	—	—	—	ATM7532
Water Temp, 100-250°F/Electric	ATM3337	ATM3637	ATM4337	ATM4737	ATM4937	ATM5737	ATM7537
Oil Temperature, 140-280°F/6' Tubing	ATM3341	—	ATM4341	ATM4741	—	ATM5741	—
Oil Tank Temperature, 140-340°F/4' Tubing	—	—	ATM4346	—	—	—	—
Oil Temperature, 100-250°F/Electric	ATM3347	—	ATM4347	—	—	ATM5747	—
Oil Temperature, 140-300°F/Electric	ATM3348	ATM3648	ATM4348	ATM4748	—	—	ATM7548
Differential Temperature, 100°-250° F	ATM3349	—	—	—	—	—	—
Trans. Temp, 140-280°F/8' Tubing	ATM3351	—	ATM4351	—	—	—	—
Trans. Temp, 100-250°F/Electric	ATM3357	—	ATM4357	ATM4757	ATM4957	ATM5757	—
Fuel Pressure, 0-15 PSI/Electric	ATM3361	—	—	—	—	ATM5761	—
Voltmeter, 8-18 Volts	ATM3391	ATM3692	ATM4391	ATM4791	ATM4992	ATM5791	ATM7592

LED Replacement Bulb Kits

Upgrade standard gauge lighting to bright LED illumination. Compatible with all Auto Meter gauges (except Auto Gauge), and most in-dash tachometers.

Part No.	Description
ATM3285	Green
ATM3286	Blue



Replacement Bulbs and Sockets

Part No.	Description
ATM3211	For All Steel Case 2-5/8" Gauges and Tachs
ATM3219	Twist-In for Some Pro-Comp and Sport Comp Gauges



Temperature Adapter Fittings

Hard-to-find fittings for use with Auto Meter mechanical oil, water, and transmission temperature gauges. Extension adapters are also available where extra water passage clearance is needed.



Part No.	Description
ATM2261	Weld-in Adapter, All Mech. Trans. and Temp. Gauges (Steel)
ATM2263	3/8" Brass NPT Adapter
ATM2264	1/2" Brass NPT Adapter
ATM2271	3/8" Brass NPT Temperature Extension
ATM2272	3/8" Aluminum NPT Adapter
ATM2273	1/2" Aluminum NPT Adapter



Extreme Environment Stepper Motor Gauges **NEW!**

Advanced, 2-1/16" diameter digital stepper motor gauges feature smooth, precise needle movement and the ultimate in accuracy, regardless of environment. Incorporated warning points change the gauge's LED lighting from white to red in the event of a problem. Each gauge is sold complete with direct plug-in wiring harness.



Part No.	Description
ATM9240	Oil Temperature, 0-340°F
ATM9253	Oil Pressure, 0-120 PSI
ATM9255	Water Temperature, 0-300°F
ATM9261	Fuel Pressure, 0-15 PSI

Elite Series Gauges

Precision, 2-1/16" dia. digital stepper motor gauges feature "always-on" high-def LED lighting in seven user-selectable colors with programmable high and low warnings and adjustable brightness for day or night. Gauges also include peak recall function and configurable "high" and "low" warnings. Sold complete with mounting bracket and wiring harness.



Part No.	Description
ATM5640	Oil Temperature, 100°-340°F
ATM5652	Oil Pressure, 0-100 PSI
ATM5654	Water Temperature, 100°-260°F
ATM5655	Water Temperature, 100°-340°F
ATM5667	Fuel Pressure, 0-15 PSI
ATM5683	Voltmeter, 8-18 Volts
ATM5275	Replacement Wiring Harness for Elite Pressure Gauges NEW!
ATM5276	Replacement Wiring Harness for Elite Temperature Gauges NEW!

Ultra-Lite Peak/Warning Gauges

Aluminum Ultra-Lite gauges with Peak Memory and Warn functions can display highest pressure/temperature from last race and warn driver of pre-set pressure/temperature drops or rises using a bright red LED. Aluminum gauges have satin dial faces and fluorescent red pointers for quick, easy reading. Installation hardware and 12-volt lighting are included.



[ATM4340](#)

Description	2-1/16" Dia. Gauge	2-5/8" Dia. Gauge
Fuel Pressure, 0-15 PSI	—	ATM4470
Voltmeter, 8-18 Volts	ATM4383	—
Water Pressure, 0-100 PSI	ATM4368	—
Oil Pressure, 0-100 PSI	ATM4352	ATM4452
Oil Temperature, 100°-340°F	ATM4340	ATM4440
Water Temperature, 100°-260°F	ATM4354	ATM4454

Replacement Senders

Designed for replacement purposes, senders are designed for use with Auto Meter temperature or pressure gauges.



Part No.	Description
ATM2242	100 PSI Electric Oil Pressure Gauges
ATM2258	Short Sweep Electric Water Temperature Gauges, 250°, 300°, and 340°

High-Pressure Gauge Isolator [ATM5282](#)

Isolator is compatible with gasoline, oil, or anti-freeze and may be used with any mechanical pressure gauge mounted in the driver's compartment. Rated for 200 PSI of working pressure. Not for use with alcohol fuels. A 4' length of braided hose is included. Not designed for 15 PSI gauges.



Mounting Solutions Roll Pods

Mount tachometers or gauges directly to roll cage tubing with Roll Pods.

Part No.	Description
ATM48001	2-5/8" Roll Pod, Mounts 2-5/8" Dia. Gauge to 1-1/2" Dia. Tubing
ATM48003	2-1/16" Roll Pod, Mounts 2-1/16" Dia. Gauge to 1-5/8" Dia. Tubing
ATM48004	2-5/8" Roll Pod, Mounts 2-5/8" Dia. Gauge to 1-5/8" Dia. Tubing
ATM48005	Tachometer Roll Pod, Mounts Tach to 1-5/8" Dia. Tubing
ATM48008	Tachometer Roll Pod, Mounts Tach to 1-3/4" Dia. Tubing
ATM48009	2-1/16" Pedestal Mount Gauge Mounting Cup



Angle Rings

Angle rings tilt gauges toward driver for improved readability. Molded black plastic rings are sold in sets of three. Mounting bracket must be modified for installation.



Part No.	Description
ATM2234	Angle Ring Set, Auto Meter 2-1/16" Gauges
ATM3244	Angle Ring Set, Auto Meter 2-5/8" Gauges

Black Aluminum Gauge Panels



Description	For 2-1/16" Gauges	For 2-5/8" Gauges
1-Hole	ATM2236	ATM3231
2-Hole	ATM2237	ATM3232
3-Hole	ATM2238	ATM3233

Tire Pressure Gauges **NEW!**

Professional-grade tire pressure gauges utilize large, 2-1/4" diameter dial faces with Auto Meter's signature racing dial design. Bleed valve allows easy pressure adjustments. Accurate within 2.5%, gauges feature a shock-dampening easy-grip housing and durable 13-3/4" [commas aren't needed on this phrase] long braided stainless steel hose. Sold in protective carrying case.



Part No.	Description
ATM2159	0-15 PSI
ATM2160	0-60 PSI
ATM2162	0-40 PSI
ATM2164	0-100 PSI



Bearing Gas Pedal BSB3015

Assembly includes a sealed bearing and is adjustable at both ends for increased driver comfort. May be mounted straight or up to 8°.



Double-Sided Adjustable Pinion Bracket BSB4039S

Designed for use with quick-change rears, rigid 1" thick pinion bracket allows performing panhard bar adjustments without removal. Constructed from billet aluminum and fitted with oil seal. Sold complete with spacer bushing and lock nut.



Double-Sided Adjustable/Angled Pinion Bracket BSB4036

Billet aluminum bracket is double-sided, adjustable, and angled to allow movement of the J-bar without changing length. Includes built-in seal and adjustment lines on both sides. Sold complete with one adjuster, bushing, and bolts.



Climbing Pinion Plate BSB7027

Heavy-duty steel, climbing pinion plate allows adjusting the J-bar up and down without having to remove it. Plate is 1/2" thick and 3/4" thick at gear adjuster.



Quick-Change Adjustable Pinion Plate BSB7080

Designed for quick-change rears, steel pinion plate includes an increased area of adjustment. Adjustments can be performed using a single wrench. Sold complete with mounting hardware.



Pinion Plate Stud Kits

Sold complete with stud, bushing, nut, long bolt, and nut. Kits are available for use with aluminum or steel pinion plates.



Part No.	Description
BSB4045	Aluminum Pinion Plate, Threaded Steel Stud Only NEW!
BSB4047A	Aluminum Pinion Plate Stud Kit
BSB4047S	Steel Pinion Plate Stud Kit

Adjustable J-Bar

Adjustable J-bar features a 6" drop and allows on-car adjustment. Two lengths available.



Part No.	Description
BSB7039-19	18-3/4" to 21-1/2"
BSB7039-20	20" to 22-3/4"
J-Bar Replacement Part	
BSB7039-1	Threaded Adjuster with Nut

XD Series Adjustable J-Bars

The strongest steel J-bar currently available. XD Series J-Bar features a 6" drop and may be adjusted without removal from the car. Offered in two different lengths.



Part No.	Description
BSB7045-19	Adjustable J-Bar, 18-3/4"-21-1/2"
BSB7045-20	Adjustable J-Bar, 20"-22-3/4"

Climbing Frame Slider BSB3048-20

Engineered specifically for Rocket chassis and constructed from rigid billet aluminum, innovative slider allows adjusting J-bar without bolt removal. Designed for use with 2" x 2" tubing.



Frame Slider BSB7055-20

Steel double-sided frame slider, designed to attach to 2" x 2" tubing, allows moving the Panhard bar up or down without affecting length.



GRT Climbing Frame Sliders

Frame-mounted slider designed to fit GRT modifieds. Allows J-bar to be moved without adjusting length.



Part No.	Description
BSB7577-15	Steel GRT Frame Slider, 1-1/2" x 1-1/2" Tubing
BSB7577-20	Steel GRT Frame Slider, 2" x 2" Tubing

XD Series Climbing Frame Slider BSB7057-20

Heavy-duty, 3/4" thick climbing design steel slider allows bar adjustment up or down without having to remove it from the car.





XD Bearing Birdcage

New XD Bearing Birdcage design provides more forward and side bite, while also preventing any possibility of bind between bearings, birdcage parts, or axle tube. Lightweight assembly is manufactured using high-alloy, 1/2" steel plates with a 3" overall width (4" overall with included retainer rings). Assemblies accept 5/8" rod ends and are sold complete with retainer rings, bushings, and two clevis nuts. May be purchased with or without shock mounts.

Description	Without Shock Mounts Part No.	With Shock Mounts Part No.
XD Bearing Birdcage, Left	BSB8370-L	BSB83702-L
XD Bearing Birdcage, Right	BSB8370-R	BSB83702-R



Heavy-Duty Bearing Birdcage

NEW! BSB8023

Engineered to be used on the left rear, heavy-duty steel birdcage helps improve traction under slick or normal track conditions. Double-shear design for added strength, assembly weighs 28 lbs. and is sold complete with required hardware.



XD Series Steel Bearing Birdcage BSB7110-1

New design allows the retaining ring to be mounted directly against the race of the roller bearing. This helps spread the load on the bearing and makes the birdcage more stable. Two-piece design allows for easy repairs and accepts 5/8" rod ends. Comes complete with shock mount, retaining rings, and rod end spacer.



New Wide-Bearing Birdcage **NEW!**

New and truly improved bearing birdcage is engineered to endure and stay in front of the load that the rear suspension is subjected to, ultimately delivering maximum grip to the tires. Double-shear, wide-bearing birdcage helps provide superior side bite and incorporates a bushing that allows for easier bolt installation.

Part No.	Description
BSB8030	Double-Shear Wide-Bearing Birdcage, Right
BSB8031	Double-Shear Wide-Bearing Birdcage, Left



New Narrow-Bearing Birdcage **NEW!**

Similar to the previous BSB7320-4 or BSB7110, double-shear bearing birdcage is designed as a smaller, narrower package, yet still provides exceptional grip even under the slickest conditions, regardless of whether the car is set-up with perfect bearing alignment or is fitted with 6" swivel shock mounts.

Part No.	Description
BSB8035	Double-Shear Narrow-Bearing Birdcage, Right
BSB8036	Double-Shear Narrow-Bearing Birdcage, Left



Bearing Locator Kit BSB7320-4

Locator kit reduces friction on birdcage, allowing side loads to transmit to bearing. Sold as a set.



Double-Shear Two-Link for Northern Sport Mods BSB7350

Two-link, used on IMCA Sport Mods and other applications, allows use of 5", 6", and 7" shock drops. Double-shear plate design provides added strength and the ability to replace damaged parts. Two-piece ring design includes (5) 3/8" bolts that hold plate to ring.



Clamp Bracket BSB7326

Double-sided bracket features a two-piece split design for easy installation. Just two bolts are required to add or remove bracket.



Right Spring Buckets BSB7451

Spring buckets clamp to axle tube, providing provisions for coil spring mounting. Buckets have a 2" tall cup and offer 6" of shock drop. Set bolts are used to secure the buckets to the axle.



Drop Shock Mount BSB7206

Drop shock mount is engineered for use with steel bird cages.



Outlaw Slider

Unit features a 5/8" hardened shaft, totally sealed tube with double-lip seal, slotted top, floating lower plates, and 2" high spring retainers.

Part No.	Description
BSB7500	Outlaw Slider
BSB7500-2	Outlaw Slider, 2" Longer Shaft
BSB7510	Slider Wrench
Replacement Components	
BSB7502	Slotted Spring Cup, Fits Outlaw Slider Only
BSB7503	Top Plate, Fits Outlaw & XD Big Body Sliders
BSB7504	5/8" Shaft
BSB7504-2	5/8" Shaft, 2" Longer
BSB7508	Upper Bearing NEW!
BSB7509	Double Lip Seal NEW!
BSB7518	Rebuild Kit
BSB7518-2	Rebuild Kit, 2" Longer



XD Series Big Body Slider

All-steel assembly uses a totally sealed tube for less maintenance, includes a 5/8" hardened and chromed shaft, large 38mm bore for reduced side loads, and improved internal components for extended life.

Part No.	Comp. Length	Ext. Length
BSB7540	15.7"	24.7"
BSB7540-2	17.1"	26.1"

Part No.	Description
Replacement Components	
BSB7503	Top Plate, Fits Outlaw and XD Big Body Sliders
BSB7508	Upper Bearing NEW!
BSB7540-5	5/8" Shaft
BSB7540-6	5/8" Shaft, 2" Longer
BSB7540-9	1-1/2" Nut
BSB7540-15	Rebuild Kit
BSB7540-16	Rebuild Kit, 2" Longer





5" Coil-Over Kit

BSB6650-B

Engineered for use with BSB or Bilstein coil-overs, kit features a removable cross-pin and threaded tube with scale for quick, easy setting, while the slotted top cup with quick-lever ring allows fast spring changes.



Bearing Brake Floater

BSB7070

Allows floating the brakes without adversely affecting the suspension. Inner race is used to locate floater. Brake caliper may be mounted at 90° back or 45°.



Dual-Bearing Brake Floater

NEW! BSB7088

Now available to attach to the BSB8021, [BSB8023](#), or BSB8026 birdcages, Dual Bearing Brake Floater is 2.250" in length and incorporates an indexable caliper mount that allows rotating the bracket to the desired position. Floater design also enables a tighter fit on the caliper bracket rather than the bolts. Sold complete with bushing, inner race locator, and retainer ring.



XD Series

Metric Caliper Bracket

BSB7061

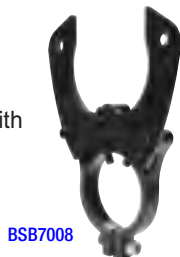
Bracket has an integrated ring that clamps on the rear axle tube and allows side-to-side adjustment to achieve perfect caliper-to-rotor alignment.



GM Metric Caliper Bracket

Bracket accepts popular GM metric brake calipers. Mounts to 3" diameter axle tubes with brake ring axle mount.

Part No.	Description
BSB7006	Metric Caliper Bracket
BSB7008	Brake Ring Axle Mount



BSB7008

Superlite Brake Bracket

NEW! BSB4169

Designed to accept Wilwood Superlite calipers, bracket clamps on to 3.0" diameter axle tubes. A built-in indexing pin allows fine-tuning bracket location.



Bearing Swivel Spring Cup

Unique design allows spring cup to swivel up to 15° in any direction, maintaining proper spring alignment throughout full A-arm travel. Cup is 2" tall and includes a replaceable bearing.

Part No.	Description
BSB7457	Bearing Swivel Spring Cup with Jack Bolt
BSB7448-1	Bearing Swivel Spring Cup Only



Lightweight Spring Cup

Spring cup features a lightweight design.

Part No.	Description
BSB7446-3	Lightweight Spring Cup
BSB7446-1	8" Jack Bolt, 1"-8 Threads



Fifth and Sixth Coil Mount

BSB4062

Billet aluminum mount secures to 1-1/2" dia. round chassis tubing to secure fifth and sixth coil assemblies. Sold complete with quick-pin for shock.



Sixth Coil Assembly [BSB4065](#)

Special sixth coil assembly allows it to swivel in all four directions, providing smooth suspension travel and even chain pressure. Sold complete with 1/2" rod end and 600-lb. spring.



Outlaw Two-Way Pull Bar [BSB7600](#)



Pull bar is 23-1/2" center-to-center. Relocated brake biscuit provides improved control over the car in the braking zone.

Part No.	Description
Replacement Components	
BSB7600-8	Pull Bar Shaft, 3/4" Dia. NEW!

Outlaw Three-Way Pullbar [BSB7615](#)



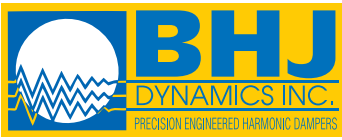
Includes all of the same features as the two-way pull bar but with an inner bushing to deliver the car off the corner, optimizing the combination for the best available traction.

Aluminum Cross Shaft

BSB3023

Allows construction of an adjustable A-arm. Features 5/8" rod ends, 6" center-to-center holes and can mount on outside or inside of upright.





Harmonic Dampers

BHH Harmonic Dampers protect engine from torsional, axial, and radial crankshaft vibrations. Dampers with steel outer rings and hub assemblies are popular for street or racing. "Combo" dampers combine steel outer rings and lightweight aluminum crank hubs for considerable weight savings. All dampers except "E-Performance" units meet SFI 18.1 specifications.

Part No.	Description	Dia.	Gross Wt.	Balance
BHJCH-IB-221*	SB Chevy "E-Performance"	6.1"	7.2 lbs.	Internal
BHJCH-IBS-6	SB Chevy, "Standard"	5.7"	5.2 lbs.	Internal
BHJCH-IBS-6-C	SB Chevy "Combo"/Aluminum Hub	5.7"	3.9 lbs.	Internal

* Not SFI-approved.



Dirt Late Model 5-Stage Oil Pump BAR9017-5B1.0BRT-DS

This 5-stage Bert bellhousing-mounted oil pump offers a 1" scavenge.



Single Stage Oil Pump BAR9017-1B

The single stage Bert or Brinn bellhousing-mounted, belt-driven oil pump offers a 1-3/8" scavenge.



Dry Sump Oil Pump Replacement Components **NEW!**

Part No.	Description
BARACD-001	Drive Spud for Oil Pump, 3/8"-24 to 3/8" Hex Drive
BARBYP-019	Oil Pump Pressure Relief Spring, High Pressure (Yellow)
BARBYP-020	Oil Pump Pressure Relief Spring, Medium Pressure (Red)
BARBYP-021	Oil Pump Pressure Relief Spring, Low Pressure (White)
BARGRS-037	Oil Pump Drive Gear Set, 1.375" Wide
BARRHS-015	Oil Pump Rotor Housing, 1.375", O-Ring Sealed

Oil Filter Block-Off Plate BAR8910-10

Black anodized, billet aluminum block-off plate fits small block Chevys, and is offered with -10AN fitting for oil inlet. Uses -10AN port plug.



90° Oil Filter Adapter BAR9012-10

Designed for small block Chevys with dry sump systems, adapter mounts the oil filter at 90°. Block does not need machining for oil inlet fitting. Accepts Fram HP-4 filter.



Billet Remote Oil Filter Mount **NEW!** BAR8926-10

Manufactured from rigid billet aluminum, remote mount includes -10AN inlet/outlet ports and 13/16"-16 threads to accept popular Fram HP4 or HP8 oil filters. Black anodized finish for corrosion resistance.



O-Ring Kit BARORK-109

Kit for oil filter adapters.



Fuel Pump Drive Kit BAR9021-R

Engineered for use on dirt late models fitted with a Barnes dry sump oil pump, accessory drive adapter bolts directly to the oil pump and includes a right-hand spud.

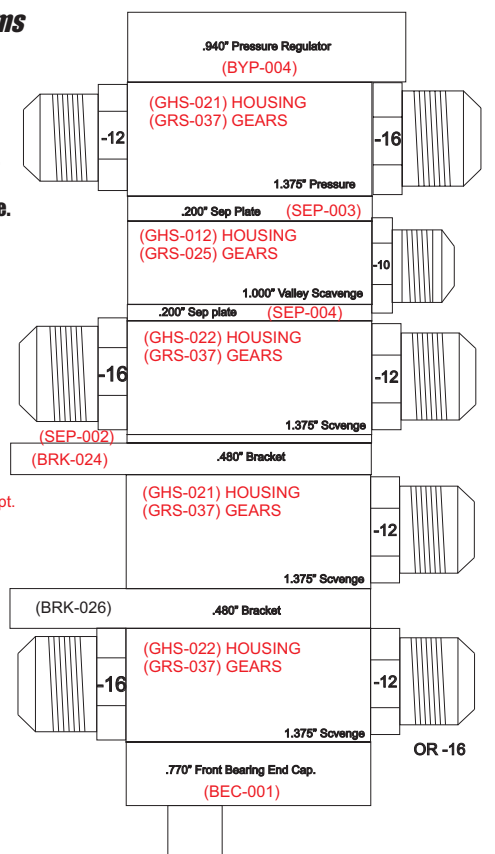


Barnes Systems Inc.

9017-5B 1.0 BRT-DS
1.375" Press
1.000" Valley Scav.
1.375" Pan Scav.
Drilled for F/P drive.

MAKES:
9017-5B 1.0 GEAR

DRIVE SHAFT:
(DRS-079) w/ DS Opt.
IDLER SHAFT:
(IDB-081)
STUDS:
(STB-016)





Economy Standard Weight Wheels

Bart standard-weight wheels feature "D"-shaped holes and will fit any racer's budget. Wheels are 360° welded construction and are available in 15" x 7", 15" x 8", or 15" x 10" sizes in black or silver-painted finish.

Approximate Weight: 15" x 7" — 27 lbs., 15" x 8" — 28 lbs., 15" x 10" — 29 lbs.

Note: 15" x 7" wheels are recommended for cars weighing 2800 lbs. or less. When using a 15" x 7" wheel on a car that weighs in excess of 2800 lbs., a wheel with a reinforced center should be used.



Wheel Size	Back Spacing	4-1/2" Bolt Circle		4-3/4" Bolt Circle		5" Bolt Circle	
		Silver Painted	Black Painted	Silver Painted	Black Painted	Silver Painted	Black Painted
15" x 7"	2"	—	CLE537-57122	—	CLE537-57342	—	—
15" x 7"	3"	CLE533-57123	CLE537-57123	CLE533-57343	CLE537-57343	—	—
15" x 7"	4"	CLE533-57124	CLE537-57124	—	CLE537-57344	—	CLE537-57504
15" x 8"	2"	CLE533-58122	CLE537-58122	—	CLE537-58342	CLE533-58502	CLE537-58502
15" x 8"	3"	—	CLE537-58123	CLE533-58343	CLE537-58343	CLE533-58503	CLE537-58503
15" x 8"	4"	CLE533-58124	CLE537-58124	CLE533-58344	CLE537-58344	CLE533-58504	CLE537-58504
15" x 8"	5"	—	CLE537-58125	CLE533-58345	CLE537-58345	CLE533-58505	—
15" x 10"	2"	—	CLE537-50122	CLE533-50342	CLE537-50342	—	CLE537-50502
15" x 10"	3"	—	CLE537-50123	CLE533-50343	CLE537-50343	CLE533-50503	CLE537-50503
15" x 10"	4"	—	CLE537-50124	—	CLE537-50344	CLE533-50504	CLE537-50504
15" x 10"	5"	—	—	—	CLE537-50345	—	CLE537-50505

IMCA Competition Wheels

Bart offers an affordable, high-quality 19-lb. wheel for IMCA, UMP, and other modified classes. IMCA sticker on wheels.

		4.50" Bolt Circle	4.75" Bolt Circle		5.00" Bolt Circle		
Wheel Size	Back Spacing	Black Painted	Black Painted	Silver Painted	Chrome	Black Painted	Silver Painted
15" x 8"	2"	—	—	CLE535-58342	CLE532-58342	CLE531-58502	CLE535-58502
15" x 8"	3"	—	CLE531-58343	CLE535-58343	—	CLE531-58503	CLE535-58503
15" x 8"	4"	CLE531-58124	CLE531-58344	—	—	CLE531-58504	—
15" x 8"	5"	—	—	CLE535-58345	—	CLE531-58505	CLE535-58505



IMCA Beadlock Wheels

Wheels are complete with beadlock ring and hardware. Painted wheels have painted beadlock ring. IMCA sticker on wheels.

Wheel Size	Back Spacing	4.50" Bolt Circle	4.75" Bolt Circle	5.00" Bolt Circle
		Black Painted	Black Painted	Black Painted
15" x 8"	2"	—	CLE531-58342B	CLE531-58502B
15" x 8"	3"	CLE531-58123B	CLE531-58343B	CLE531-58503B
15" x 8"	4"	CLE531-58124B	CLE531-58344B	CLE531-58504B



Economy Lightweight Wheels

Bart lightweight wheels reduce unsprung weight and are 360° welded with a large inside diameter safety bead. Available with round holes and black-painted finish. Approximate weight: 21-lbs.

Wheel Size	Back Spacing	4.50" Bolt Circle	4.75" Bolt Circle	5.00" Bolt Circle
		Black Painted	Black Painted	Black Painted
15" x 8"	2"	CLE539-58122	CLE539-58342	CLE539-58502
15" x 8"	3"	—	CLE539-58343	—
15" x 8"	4"	—	CLE539-58344	CLE539-58504
15" x 8"	5"	—	—	CLE539-58505





Reinforced Center Stock Car Wheels

Black-painted Stock car wheels have reinforced double centers. Thirteen-inch wheels are all 4-lug.

APPROXIMATE WEIGHT: 13" x 6" — 15 lbs., 13" x 7" — 16 lbs., 13" x 8" — 17 lbs., 15" x 7" — 22 lbs., 15" x 8" — 26 lbs., 15" x 10" — 29 lbs.

Wheel Size	Back Spacing	4.00" Bolt Circle	4.25" Bolt Circle	4.50" Bolt Circle	4.75" Bolt Circle	5.00" Bolt Circle	5.50" Bolt Circle
13" x 6"	3"	—	CLE36423	—	—	—	—
13" x 7"	3"	CLE37403	—	CLE37453	—	—	—
13" x 7"	4"	CLE37404	—	CLE37454	—	—	—
13" x 8"	2"	—	CLE38422	—	—	—	—
13" x 8"	3"	—	CLE38423	—	—	—	—
13" x 8"	4"	—	CLE38424	—	—	—	—
15" x 7"	2"	—	—	—	CLE7472	—	—
15" x 7"	3"	—	—	—	CLE7473	—	—
15" x 7"	4"	—	—	—	CLE7474	—	—
15" x 8"	1"	—	—	—	CLE8471	CLE8501	—
15" x 8"	2"	—	—	—	CLE8472	CLE8502	—
15" x 8"	3"	—	—	CLE8453	CLE8473	CLE8503	CLE8553
15" x 8"	4"	—	—	CLE8454	CLE8474	CLE8504	CLE8554
15" x 8"	5"	—	—	—	CLE8475	CLE8505	—
15" x 10"	3"	—	—	CLE10453	—	—	—
15" x 10"	4"	—	—	CLE10454	—	—	—



Wide 5 Wheels

Bart Wide 5 modified-style wheels are available in 15" x 8", 15" x 10", and 15" x 12" sizes in black-painted steel.

APPROXIMATE WEIGHT: 15" x 8" (STD.) — 19 lbs., 15" x 10" (LT. WT.) — 17 lbs., 15" x 12" (LT. WT.) — 19 lbs.

Wheel Size	Back Spacing	Black Painted	Wheel Size	Back Spacing	Black Painted
15" x 8"	2"	CLE8902	15" x 10"	4"	CLE10904
15" x 8"	3"	CLE8903	15" x 10"	5"	CLE10905
15" x 8"	4"	CLE8904	15" x 10"	6"	CLE10906
15" x 8"	5"	CLE8905	15" x 12"	2"	CLE12902
15" x 10"	2"	CLE10902	15" x 12"	4"	CLE12904
15" x 10"	3"	CLE10903	15" x 12"	5"	CLE12905

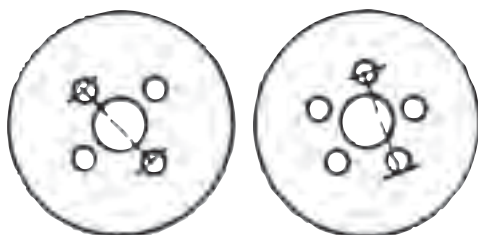


Multi-Fit Mini Stock Wheels

Offered in black painted steel, wheels have 4 x 4-1/4" and 4 x 4-1/2" bolt patterns.

APPROXIMATE WEIGHT: 14" x 6" - 17 lbs., 14" x 7" - 18 lbs.

Wheel Size	Back Spacing	Black Painted
14" x 6"	2"	CLE401-1406E-2
14" x 6"	3"	CLE401-1406E-3
14" x 6"	4"	CLE401-1406E-4
14" x 7"	2"	CLE401-1407E-2
14" x 7"	3"	CLE401-1407E-3
14" x 7"	4"	CLE401-1407E-4



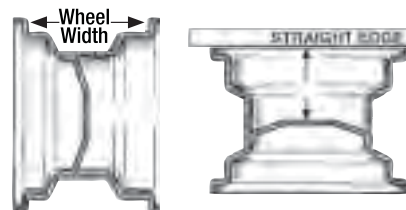
Measuring Bolt Circles

4-Lug: Center to center of 2 holes diagonally across from one another.

5-Lug: Back of a hole to the center of the second hole.

Measuring Width and Rear Spacing

Two measurements to be considered before buying racing wheels are wheel width and rear spacing. Wheel width may be determined by measuring the distance between inner edges of the rim beads (Illustration A).



To measure rear spacing, place wheel face down, lay a straight-edge across the back of the wheel and measure down to the mounting pad (Illustration B).



IMCA Beadlock Wheels

Beadlock wheels are a true 15" x 8" for IMCA use. Available in "D"-hole with 8-spoke or Inertia 5-spoke design. Offered with silver, black powder coat, or chrome finishes. All include outer rings and weigh 22.5 lbs.



Bolt Circle	Back Spacing	Black	Silver	Chrome
D-Hole Wheels				
15" x 8" Wheels				
4.5"	2"	—	BAS58DF2ISLK	—
4.5"	3"	—	BAS58DF3ISLK	—
4.5"	4"	—	BAS58DF4ISLK	—
4.75"	2"	BAS58DC2ILK	BAS58DC2ISLK	BAS58DC2ICLK
4.75"	3"	BAS58DC3ILK	BAS58DC3ISLK	BAS58DC3ICLK
4.75"	4"	BAS58DC4ILK	BAS58DC4ISLK	BAS58DC4ICLK
4.75"	5"	—	BAS58DC475ISLK	—
5"	2"	BAS58D52ILK	BAS58D52ISLK	BAS58D52ICLK
5"	3"	BAS58D53ILK	BAS58D53ISLK	BAS58D53ICLK
5"	4"	BAS58D54ILK	BAS58D54ISLK	BAS58D54ICLK
5"	5"	—	BAS58D5475ISLK	BAS58D5475ICLK
15" x 8.75" Wheels - NOT IMCA LEGAL				
5"	2"	BAS59D52LK	—	BAS59D52CLK
5"	3"	BAS59D53LK	—	BAS59D53CLK
5"	4"	BAS59D54LK	—	BAS59D54CLK
Inertia Advantage Wheels				
15" x 8" Wheels				
4.75"	2"	—	BAS58AC2ISLK	—
4.75"	3"	—	BAS58AC3ISLK	—
4.75"	4"	—	BAS58AC4ISLK	—
5"	2"	BAS58A52ILK	BAS58A52ISLK	—
5"	3"	BAS58A53ILK	BAS58A53ISLK	—
5"	4"	BAS58A54ILK	BAS58A54ISLK	—
15" x 8.75" Wheels - NOT IMCA LEGAL				
5"	2"	BAS59A52LK	—	—
5"	3"	BAS59A53LK	—	—
5"	4"	BAS59A54LK	—	—
Inertia Advantage 15" x 10" Wheels				
5"	6"	BAS50L56	—	—

Beadlock Rings

Designed for use with new design Bassett beadlock wheels, beadlock rings allow for a flush-fitting mud cover that doesn't protrude past the edge of the beadlock. Shorter, upgraded SAE grade 8 fasteners allow quicker beadlock removal and replacement.



Part No.	Description
BAS50LK	15" New Style Beadlock Ring, Black
BAS50LKS	15" New Style Beadlock Ring, Silver
BAS50LKC	15" New Style Beadlock Ring, Chrome

Part No.	Description
Replacement Beadlock Parts	
BAS3B0LTKIT	Bolt Kit Only
BAS50LKC	Beadlock Ring, Chrome, New Style, 2018-Up
BAS50LK	Beadlock Ring, Black, New Style, 2018-Up
BAS50LKS	Beadlock Ring, Silver, New Style, 2018-Up

"Full Metal Jacket" Mud Covers

Lightweight steel mud covers are engineered exclusively for use with Bassett beadlock wheels.

Part No.	Description
BAS3COVK	15", Black
BAS3COVKS	15", Silver
BAS3COVKC	15", Chrome



Note: The 2018 Bassett Mud Cover System components are not compatible with the previous generation of Bassett beadlock rings, mud covers, or cover fastener ring.

High-Impact Mud Covers

Engineered for use with 15" beadlock wheels, and retained with 1/4" fasteners to meet new UMP and IMCA rules. Mud covers are made with a proprietary plastic and utilize a stepped design for edge-to-edge wheel coverage. May also be used on non-beadlock wheels with wheel expander ring [BAS5RFRING](#).



Part No.	Color
BAS5RFRING	Wheel Expander Ring for New Style Mud Cover
BAS5PLG-BLK	Black
BAS5PLG-BLU	Blue
BAS5PLG-RED	Red
BAS5PLG-YEL	Yellow
BAS5PLG-ORG	Orange
BAS5PLG-WHT	White
BAS5PLG-FLORED	Fluorescent Red
BAS5PLG-FLOYEL	Fluorescent Yellow
BAS5PLG-FLOORG	Fluorescent Orange
BAS5PLG-FLOGRN	Fluorescent Green

15" x 8" Solid Center Wheels **NEW!**

Engineered for the left rear of UMP Modifieds or Street Stocks that race on dirt and require added traction, 15" x 8" wheel features a .300" thicker center and beaded, DOT rim shell, resulting in a wheel that is 8 lbs. heavier than a standard 15" x 8" D-hole IMCA wheel. Weighs 27 lbs. Offered in 5" x 5" bolt circle with black finish only.

Part No.	Bolt Circle	Back Spacing	Weight
BAS58SOLID2	5.0"	2"	27 lbs.
BAS58SOLID3	5.0"	3"	27 lbs.



IMCA 15" x 8" D-Hole Wheels with Tabs for Mud Covers

The lowest run-out wheel on the market today is now available with direct-mount tabs that allow mud cover attachment to meet new 2018 UMP and IMCA rules regarding mud cover mounting. "D"-hole, 15" x 8" wheels feature an eight-spoke design and are offered in black only.

Part No.	Description
BAS58D52IRING	15" x 8" Wheel, 5 x 5" Bolt Circle, 2" Back Spacing
BAS58D53IRING	15" x 8" Wheel, 5 x 5" Bolt Circle, 3" Back Spacing
BAS58D54IRING	15" x 8" Wheel, 5 x 5" Bolt Circle, 4" Back Spacing

"Armor Edge" 15" x 8" Dirt Track Wheels

"Armor Edge" wheels incorporate a reinforced front bead flange that offers increased durability, particularly desirable in wheel-to-wheel dirt track racing. The wheel rolls over the flange lip to double the thickness and create a strong crush zone. Five-spoke design offers low moment-of-inertia, while the spun-form rim shell provides the lowest possible runout. Ideal for UMP, USMTS, NCRA, or AMRA, wheels weigh 19 lbs. and are offered in black or silver powder-coated finishes.



Bolt Circle	Back Spacing	Black	Silver
4.75"	2"	BAS58RC2EB	BAS58RC2E
4.75"	3"	BAS58RC3EB	BAS58RC3E
4.75"	4"	BAS58RC4EB	BAS58RC4E
5.00"	2"	BAS58R52EB	BAS58R52E
5.00"	2"	—	BAS58R52EC
5.00"	3"	BAS58R53EB	BAS58R53E
5.00"	4"	BAS58R54EB	—
5.00"	4"	BAS58R54E	—



IMCA 15" x 8" Inertia Advantage Wheels

Patented Inertia Advantage wheels concentrate the strength and weight of the wheel towards the center which makes them 5% faster than any other wheel currently available. Unique 5-spoke design provides 10 more square inches of brake cooling area. Wheels are affixed with the IMCA decal, weigh 19 lbs., and are offered in black or silver powder-coated finishes.

Bolt Circle	Back Spacing	Black	Silver
4.5"	2"	—	BAS58AF2IS
4.5"	4"	—	BAS58AF4IS
4.75"	1"	BAS58AC1I	BAS58AC1IS
4.75"	2"	BAS58AC2I	BAS58AC2IS
4.75"	3"	BAS58AC3I	BAS58AC3IS
4.75"	4"	BAS58AC4I	BAS58AC4IS
5"	1"	BAS58A51I	BAS58A51IS
5"	2"	BAS58A52I	BAS58A52IS
5"	3"	BAS58A53I	BAS58A53IS
5"	4"	BAS58A54I	BAS58A54IS



Now with Integrated Mud Plug Tabs

IMCA 15" x 8" D-Hole Wheels

One of the lowest runout (under .030") wheels on the market. "D"-hole 15" x 8" wheels feature an 8-spoke design and are offered in chrome, black, or silver powder-coated finishes. Wheels are affixed with the IMCA decal and weigh 19 lbs.

Bolt Circle	Back Spacing	Black	Silver	Chrome
4.5"	2"	—	BAS58DF2IS	—
4.5"	3"	—	BAS58DF3IS	—
4.5"	4"	—	BAS58DF4IS	—
4.75"	1"	BAS58DC1I	BAS58DC1IS	BAS58DC1IC
4.75"	2"	BAS58DC2I	BAS58DC2IS	BAS58DC2IC
4.75"	3"	BAS58DC3I	BAS58DC3IS	BAS58DC3IC
4.75"	4"	BAS58DC4I	BAS58DC4IS	BAS58DC4IC
4.75"	5"	—	—	BAS58DC475IC
5"	1"	BAS58D51I	BAS58D51IS	BAS58D51IC
5"	2"	BAS58D52I	BAS58D52IS	BAS58D52IC
5"	2"	—	—	BAS58D52IRBC*
5"	3"	BAS58D53I	BAS58D53IS	BAS58D53IC
5"	4"	BAS58D54I	BAS58D54IS	BAS58D54IC
5"	5"	—	—	BAS58D5475IC

* Reverse bell wheel with valve stem relocated to wheel center.

Inertia Advantage 15" x 10" Wheels

The lightest weight, lowest runout (under .020") 15" x 10" wheel available. Wheels have 5 x 5 bolt circle and 5-spoke centers. Inertia Advantage wheels are 5% faster, have more brake cooling area, and weigh 20 lbs. Offered in chrome, black, or silver powder-coated.

Bolt Circle	Back Spacing	Black	Chrome
5.00"	4"	BAS50L54	BAS50L54C
5.00"	4.5"	BAS50L545	—
5.00"	5"	BAS50L55	BAS50L55C
5.00"	5.5"	BAS50L555	BAS50L555C
4.75"	2"	—	BAS50LC2C †
5.00"	2"	—	BAS50L52CB*

* With safety bead. † With bead lock.



D-Hole Lightweight Wheels

Offered in both spun and rolled type designs.

Spun Type: Wheels use lightweight spun-form rim shells for extra caliper clearance and a lower bead flange for a larger tire footprint, which translates into added traction and better handling. Reinforced torque rings and forged coining on the stud holes increases durability. The valve stem holes are located behind the center to avoid clipping.

Rolled-Type: Cold rolling is quicker and easier, allowing Bassett to build a more affordable wheel shell without sacrificing quality. Rolled-type wheels are ideal for Bomber, Street Stock, Sportsman, and limited Late Model racers.



Wheel Size	Bolt Circle	Rear Spacing	Weight lbs.	Black Spun	Black Rolled	Silver Spun
15" x 7"	4.5"	3"	21.75	—	BAS57RF3	—
15" x 7"	4.5"	3.75"	21.75	—	BAS57RF375	—
15" x 7"	4.75"	2"	21.75	—	BAS57RC2	—
15" x 7"	4.75"	3"	21.75	—	BAS57RC3	—
15" x 7"	4.75"	3.75"	21.75	—	BAS57RC375	—
15" x 7"	5.0"	2"	21.75	—	BAS57R52	—
15" x 7"	5.0"	3"	21.75	—	BAS57R53	—
15" x 7"	5.0"	3.75"	21.75	—	BAS57R5375	—
15" x 7"	4 x 4.25"	3"	—	BAS57SP3	—	—
15" x 7"	4 x 4.25"	4"	—	BAS57SP4	—	—
15" x 7"	4 x 100mm	4"	15	—	BAS57RH4	—
15" x 8"	5.0"	4.5"	—	BAS57SP4	—	—
15" x 8"	4 x 100mm	4"	15	—	—	—
15" x 8"	4 x 100mm	5"	15	—	—	—
15" x 8"	4.5"	1"	17	BAS58SF1	—	—
15" x 8"	4.5"	2"	17	BAS58SF2	—	—
15" x 8"	4.5"	3"	17	BAS58SF3	—	—
15" x 8"	4.5"	4"	17	BAS58SF4	—	—
15" x 8"	4.5"	5"	17	BAS58SF5	—	—
15" x 8"	4.75"	1"	17	BAS58SC1	—	—
15" x 8"	4.75"	2"	17	BAS58SC2	—	—
15" x 8"	4.75"	3"	17	BAS58SC3	—	BAS58SC3S
15" x 8"	4.75"	4"	17	BAS58SC4	—	—
15" x 8"	4.75"	5"	17	BAS58SC5	—	BAS58SC5S
15" x 8"	5.0"	1"	17	BAS58S51	—	BAS58S51S
15" x 8"	5.0"	2"	17	BAS58S52	—	BAS58S52S
15" x 8"	5.0"	3"	17	BAS58S53	—	BAS58S53S
15" x 8"	5.0"	4"	17	BAS58S54	—	BAS58S54S
15" x 8"	5.0"	5"	17	BAS58S55	—	BAS58S55S
15" x 10"	5.0"	3"	21	BAS50S53	—	—
15" x 10"	5.0"	3"	21	BAS50S53B*	—	—
15" x 10"	5.0"	4"	21	BAS50S54	—	BAS50S54S
15" x 10"	5.0"	4.5"	21	BAS50S545	—	—
15" x 10"	5.0"	5"	21	BAS50S55	—	—
15" x 10"	5.0"	5.5"	21	BAS50S555	—	—

* With safety bead

Wide 5 Spun 15" x 8" Wheels

The strongest, truest, and smoothest Wide 5 wheels available. Spun-formed wheels provide maximum unsprung weight savings. Lower bead flange makes a larger tire footprint which translates into improved traction and handling. Available in chrome, black, or silver.



Wheel Size	Back Spacing	Weight lbs.	Black	Silver	Chrome
15" x 8"	2"	15	BAS58SR2	BAS58SR2S	BAS58SR2C
15" x 8"	3"	15	BAS58SR3	BAS58SR3S	BAS58SR3C
15" x 8"	4"	15	BAS58SR4	BAS58SR4S	BAS58SR4C
15" x 8"	4.5"	15	BAS58SR45	—	—
15" x 8"	5"	15	BAS58SR5	BAS58SR5S	BAS58SR5C



Armor Edge Wide 5 15" x 10" Wheels

Armor Edge, a unique outer bead flange curl, adds extra strength to the spun-formed, wave-welded Bassett Wide 5 Wheel. The result is an exceptionally strong, lightweight (18 lbs.) wheel that is an excellent choice for late model use. Available in chrome, black, or silver.

Wheel Size	Back Spacing	Weight lbs.	Black	Silver	Chrome
15" x 10"	2"	17.5	BAS50SR2	—	BAS50SR2C
15" x 10"	3"	17.5	BAS50SR3	BAS50SR3S	BAS50SR3C
15" x 10"	4"	17.5	BAS50SR4	BAS50SR4S	BAS50SR4C
15" x 10"	4.5"	17.5	BAS50SR45	—	BAS50SR45C
15" x 10"	5"	17.5	BAS50SR5	BAS50SR5S	BAS50SR5C
15" x 10"	5.5"	17.5	BAS50SR55	BAS50SR55S	BAS50SR55C
15" x 10"	6"	17.5	BAS50SR6	BAS50SR6S	BAS50SR6C
15" x 10"	6.5"	17.5	BAS50SR65	BAS50SR65S	—

Wide 5 15" x 10" Ultra Light Wheel

Engineered to offer a performance advantage, the Ultra Light Wide 5 wheel is the lightest 15" x 10" steel wheel currently available at just 15.75 lbs. Wheel is manufactured from special HSLA steel, resulting in a flatter, stronger ring center.

Wheel Size	Back Spacing	Weight	Color	Part No.
15" x 10"	4"	15.75	Black	BAS50SR4-LW
15" x 10"	5"	15.75	Black	BAS50SR5-LW
15" x 10"	5"	15.75	Silver	BAS50SR5S-LW
15" x 10"	7"	15.75	Black	BAS50SR7-LW

Note: For easier tire mounting, wheel does not have a tire safety bead.

14" x 7" Lightweight D-Hole Wheels **NEW!**

Among the fastest wheels available for FWD or mini-stocks, lightweight 14" x 7" wheels combine a NASCAR-proven eight D-hole center with a lightweight, CNC spun-form shell. A reinforced torque ring and forged, coined center are used to improve durability. The valve stem hole is located behind the center to reduce clipping. Offered in black.

Wheel Size	Bolt Circle	Back Spacing	Black
14" x 7"	4 x 4.25"	1"	BAS47SP1
14" x 7"	5 x 4.5"	2"	BAS47SF2
14" x 7"	5 x 4.5"	3"	BAS47SF3
14" x 7"	5 x 4.5"	3.75"	—



Inertia Advantage Legends/ Mini-Stock 13" Wheels

These 13" black powder-coated spun shell wheels are popular on Legends, Mini-Stock, and Baby Grand applications. Patented Inertia Advantage design makes the wheel 5% faster and adds 9 square inches of brake cooling area. Black only.

Wheel Size	Bolt Circle	Back Spacing	Weight	Part No.
13" x 7"	4 x 4.25"	3"	13 lbs.	BAS37SP3
13" x 7"	4 x 4.50"	3"	13 lbs.	BAS37ST3
13" x 7"	4 x 100mm	4"	13 lbs.	BASL37SH4
13" x 8"	4 x 100mm	3"	13 lbs.	BAS38SH3
13" x 8"	4 x 4.25"	4"	13 lbs.	BAS38SP4
13" x 8"	4 x 4.25"	5"	13 lbs.	BAS38SP5
13" x 7"	5 x 100mm	3"	13 lbs.	BAS37SN3



14" Mini-Stock / Legends D-Hole Lightweight Wheels

Classic D-Hole lightweight center design wheels use lightweight spun-form rim shells for extra caliper clearance and a lower bead flange for larger tire footprint. The valve stem holes are located behind the center to avoid clipping. Black only. 15 lbs.

Wheel Size	Bolt Circle	Rear Spacing	Part No.
14" x 7"	4 x 100mm	2"	BAS47SH2
14" x 7"	4 x 100mm	3"	BAS47SH3
14" x 7"	4 x 100mm	4"	BAS47SH4
14" x 7"	5 x 4.50"	3.75"	BAS47SF375
14" x 7"	4" x 4.25"	2"	BAS47SP2
14" x 7"	4" x 4.25"	3"	BAS47SP3
14" x 7"	4" x 4.25"	4"	BAS47SP4
14" x 7"	4 x 4.50"	3"	BAS47ST3
14" x 7"	4 x 4.50"	4"	BAS47ST4
14" x 7"	5 x 100mm	2"	BAS47SN2
14" x 7"	5 x 100mm	3"	BAS47SN3
14" x 7"	5 x 100mm	3.625"	BAS47SN4
14" x 8"	4 x 4.25"	1"	BAS48SP1
14" x 8"	4 x 4.25"	2"	BAS48SP2
14" x 8"	4 x 4.25"	5"	BAS48SP5



DOT Street Legal Wheels **NEW!**

A versatile wheel that is equally suited to IMCA Hobby Stocks, Street Stocks, or the daily driver. Wheels conform to DOT specifications, yet feature the same quality construction as Bassett's high-strength wheels. The lightest DOT wheels currently available.

Part No.	Wheel Size	Bolt Circle	Rear Spacing
BAS57RN4	15" x 7"	5 x 100mm	4"
BAS57RT4	15" x 7"	4 x 4.5"	4"

Note: Wheels require 45° chamfer lug nuts. Stock/OEM-type lug nuts will not fasten the wheel securely. Wheels listed feature a black powder coated finish.



TrackMat BEDTW2X4MAT

Ideal for use in the pits, garage, or trailer, TrackMat is a 2' x 4' folding mat constructed from an ultra-tough, 3/4" thick foam pad fused with 100% polypropylene fibers. Stain-, oil-, and chemical-resistant mat folds down to just 2' x 2' for easy storage.



Drop Spindles for GM Metric Chassis BLL2100

Improve the handling characteristics of popular GM metric chassis. Designed to directly replace the original units, drop spindles lower the front ride height approximately 2". Fits all 1980-88 Malibu/Monte Carlo/Regal/Cutlass/Lemans/Grand Prix models. Sold in pairs.





Battery Tender Junior

Fully automatic smart charger is lightweight and compact, and includes the ability to smoothly transition between charging steps. Includes reverse hook-up protection, spark-proof alligator clips, and fused ring terminals.



Part No.	Description
BAT021-0123	Battery Tender Junior, 750 Milliamps, Lead Acid Only
BAT022-0199-DL-WH	Battery Tender Junior, 800 Milliamps, AGM/Lead Acid/GEL/Lithium NEW!

Battery Tender Plus

Four-step, fully automatic charging offers unsurpassed battery protection. Compact unit includes reverse hook-up protection, spark-proof alligator clips, and fused ring terminals.



Part No.	Description
BAT021-0128	Battery Tender Plus, 1.25 Amps, Lead Acid Only
BAT022-0209-BT-WH	Battery Tender Plus, 4 Amps, AGM/Lead Acid/GEL/Lithium NEW!

Battery Tender Carrying Cases

Zippered carrying cases store Battery Tender Plus or Battery Tender Jr. units.



Part No.	Description
BAT500-0017	Small Utility Bag, 6" x 4" x 2"
BAT500-0139	Medium Utility Bag, 8" x 6" x 3.5" NEW!

Waterproof 800 BAT022-0150-DL-WH

No larger than a standard computer mouse and weighing only 1 lb., powerful 800-milli-amp battery charger includes many features common to the Battery Tender Junior. Fully encapsulated interior is protected from shock, vibration, and moisture. Reverse-polarity and short-circuit protected.



Ring Terminal Harness

BAT081-0069-6

Designed for use with side-post, 12-volt batteries, harness has a quick disconnect on one end. Includes a 3-amp fuse.



Battery Charger 25' Extension Lead BAT081-0148-25

Used to extend the lead of Battery Tender Junior, Plus, 4, 5, or 10 bank units.

Note: Not for use with the 6-volt Battery Tender Plus or any other Battery Tender product with white disconnect plugs.



4-Bank Battery Management System BAT022-0148-DL-WH

Capable of maintaining up to four auto, motorcycle, or ATV batteries at once with 1.25 amps @ 12 volts. Provides four-step charging and a 72-hour safety timer.



5- and 10-Bank Battery Management Systems **NEW!**

Manage up to five or even ten auto motorcycle, or ATV batteries at once with, 4 amps @ 12 volts. Provides four-step charging and a 72-hour safety timer. Spark-proof and reverse-polarity protected Compatible with 6- or 12-volt standard and lithium batteries.



Part No.	Description
BAT021-0133-DL-WH	4-Bank Battery Management System
BAT021-0134-DL-WH	10-Bank Battery Management System

Power Plus 75 Amp Booster/Battery Charger with WiFi **NEW! BAT022-0227-DL-WH**

Compact, easy-to-transport unit includes the ability to charge batteries big and small. Use the integrated Wi-Fi to connect the charger to the internet, allowing alerts and control of the charger from any iOS or Android device.



Portable Jump Starters **NEW!**

Portable jump starter can jump start cars, most boats, light trucks, motorcycles, ATV's, and more, while also including the ability to power 12V DC and USB accessories. Built-in LED indicators for battery temperature level, charging levels, reverse/incorrect connection, and charging status.



Part No.	Description
BAT030-0003-WH	700-Amp Jump Starter
BAT030-0004-WH	1200-Amp Jump Starter

USB Charger Adapter **NEW!** BAT081-0158

Compact charger adapter is designed for charging iPhone, iPad, GPS, camera, or any Smartphone or device that may be charged via USB. Compatible with most 12-volt batteries found on motorcycles, golf carts, ATV's, etc. Attaches to existing Battery Tender Quick Disconnect.



Wireless Battery Monitor **NEW! BAT081-0172**

Wireless unit allows monitoring a battery remotely through Wi-Fi connectivity and sends alerts directly to prevent battery failure. When in the range of the local Wi-Fi network, unit sends alerts in the event that a vehicle's light was left on that is draining the battery, or that the battery's voltage is low over a period of time.



Qualifier Series Radiators

Made from high-performance, dual 1" core folded and tapered tanks incorporating epoxy-free construction and durable billet filler necks offered for Chevy and Ford/Chrysler applications.

Part No.	Description	Overall Dimensions
BEC35001	Chevy Radiator	22" W. x 20" H.
BEC35002	Chevy Radiator	26-1/2" W. x 20" H.
BEC35003	Chevy Radiator	28-1/2" W. x 19" H.
BEC35004	Chevy Radiator	31-1/2" W. x 21" H.
BEC35005	Chevy Radiator	28-1/2" W. x 17" H.
BEC35006	Ford/Chrysler Radiator	22-1/2" W. x 20" H.
BEC35008	Ford/Chrysler Radiator	28-1/2" W. x 19" H.
BEC35009	Ford/Chrysler Radiator	31-1/2" W. x 21" H.





Sport Series Helmets

High-quality Sport Series helmets are designed for entry-level sportsman racers, while meeting both Snell SA2020 and SFI 31.2A full-face or 31.1A open-face specifications.

Sport Mag

For the racer that desires the comfort and feel of an open face helmet. Pre-drilled for a head and neck restraint. Includes NA-SCAR-style visor. Offered in white or black.



Size	White	Black
Small (57)	BEL1426A01	BEL1426A11
Medium (58-59)	BEL1426A02	BEL1426A12
Large (60)	BEL1426A03	BEL1426A13
X-Large (61+)	BEL1426A04	BEL1426A14
XX-Large (63-64)	BEL1426A05	BEL1426A15
XXX-Large (65-66)	BEL1426A06	BEL1426A16
XXXX-Large (67-68)	BEL1426A07	—

K1 Pro NEW!

Multi-use, full-featured helmet includes enhanced aerodynamic stability, complete with a duckbill, making it well suited to open cockpit applications. Plush interior adds comfort. May be used in open wheel configurations with included air intake piece or in closed-cockpit application with a forced air intake, purchased separately. Uses 287 SRV shields. Offered in choice of white or matte black.



Size	White	Matte Black
X-Small (56)	—	BEL1420A12
Small (57)	BEL1420A03	BEL1420A13
Medium (58-59)	BEL1420A04	BEL1420A14
Large (60)	BEL1420A05	BEL1420A15
X-Large (61+)	BEL1420A06	BEL1420A16

K1 Sport NEW!

A truly affordable, full-feature closed-face helmet designed for the entry-level racer. The K1 Sport features a lightweight composite shell that is fitted with a multi-density, multi-piece liner. Versatile ventilation system combines direct flow chin bar vents, forehead vents, and top vents. Uses 287 SRV shields. Offered in white or metallic black.



Size	White	Matte Black
X-Small (56)	BEL1420A42	BEL1420A52
Small (57)	BEL1420A43	BEL1420A53
Medium (58-59)	BEL1420A44	BEL1420A54
Large (60)	BEL1420A45	BEL1420A55
X-Large (61+)	BEL1420A46	BEL1420A56

M8

Extra-large eyepoint helmet offers an exceptional field of vision without compromising safety. Ideal for racers that wear eyeglasses, multi-purpose helmet is pre-drilled for a head-and-neck restraint. Uses SRV-8 shields. Offered in white or matte black.



Size	White	Matte Black
X-Small (56)	—	BEL1419A12
Small (57)	BEL1419A03	BEL1419A13
Medium (58-59)	BEL1419A04	BEL1419A14
Large (60)	BEL1419A05	BEL1419A15
X-Large (61+)	BEL1419A06	BEL1419A16
XX-Large (63-64)	BEL1419A07	BEL1419A17
XXX-Large (65-66)	BEL1419A08	BEL1419A18
XXXX-Large (67-68)	BEL1419A09	BEL1419A19

Pro Series Helmets

Pro Series helmets utilize carbon composites to form a strong, lightweight outer shell along with the benefits of a three-piece, multi-density liner. Helmets meet Snell SA2020 and SFI 31.2A (full-face) specifications.

GTX3

Third-generation helmet combines a lightweight, carbon composite shell with advanced aerodynamics. The integrated Double Screen Anti-Fog (DSAF) shield and rear-facing vents allow air exchange, while preventing dust and dirt from entering, making it ideal for dirt track racers. Uses SE03 shields. Offered in white or matte black.



Size	White	Matte Black
Small 7-1/8 (57)	BEL1314A01	BEL1314A11
Medium 7-1/4 (58)	BEL1314A02	BEL1314A12
Medium/Large 7-3/8 (59)	BEL1314A03	BEL1314A13
Large 7-1/2 (60)	BEL1314A04	BEL1314A14
X-Large 7-5/8 (61)	BEL1314A05	BEL1314A15
XX-Large 7-5/8+ (61+)	BEL1314A06	BEL1314A16

RS7 Pro NEW!

Based upon the design of the HP7, helmet utilizes a lightweight, carbon composite shell. The innovative shell and shield design improves comfort, aerodynamics and energy-absorbing capability, while the DSAF shield and rubber gasket seals out dirt, dust and moisture. Advanced ventilation system includes 14 air intake and extraction channels. Uses SE07 shields. Offered in white or matte black.



Size	White	Matte Black
Small 7-1/8 (57)	BEL1310A06	BEL1310A26
Medium 7-1/4 (58)	BEL1310A07	BEL1310A27
Medium/Large 7-3/8 (59)	BEL1310A08	BEL1310A28
Medium/Large 7-3/8+ (59+)	BEL1310A09	BEL1310A29
Large 7-1/2 (60)	BEL1310A10	BEL1310A30
X-Large 7-5/8 (61)	BEL1310A11	BEL1310A31
X-Large 7-5/8+ (61+)	BEL1310A12	BEL1310A32

GP3 Sport NEW!

Utilizing a lightweight composite shell with F1 styling and a versatile air intake system, the GP3 Sport is ideally suited to open cockpit race cars. Even when exposed to the most demanding track conditions, helmet offers maximum ventilation and superior vision through use of the DSAF (Double Screen Anti-Fog) visor. Front duckbill helps provide exceptional aerodynamics. Uses SE03 shields. Offered in white or matte black.



Size	White	Matte Black
Small (57)	BEL1417A21	BEL1417A51
Medium (58-59)	BEL1417A22	BEL1417A52
Large (60)	BEL1417A23	BEL1417A53
X-Large (61+)	BEL1417A24	BEL1417A54



Carbon Series Helmets

Bell's lightest, top-of-the-line Carbon Series helmets are designed for the serious racer. Helmets meet Snell SA2020 and SFI 31.2A specifications.

GTX3 Carbon

Versatile helmet combines an ultra-lightweight carbon shell with sleek, aerodynamic styling. Integrated shield, rubber gasket seal and double-screen, anti-fog visor and rear facing vent deliver exceptional ventilation, while the ultra plush, Max FR interior adds comfort. Uses SE03 shields. Natural carbon finish.



Part No.	Size
BEL1207A11	Small (57)
BEL1207A12	Small (57+)
BEL1207A13	Medium (58)
BEL1207A14	Medium/Large (59)
BEL1207A15	Medium/Large (59+)
BEL1207A16	Large (60)
BEL1207A17	X-Large (61)



CODY BAUER

JIM DENHAMER

RS7 Carbon NEW!

Featuring an ultra-lightweight carbon shell, the RS7 offers unmatched comfort, aerodynamic performance and energy-absorbing capability. An advanced ventilation system includes 14 air intake and extraction channels for unsurpassed air flow and ventilation. Uses SE07 shields. Offered in non-duckbill or duckbill (chin spoiler) versions with natural carbon finish.



Size	Non-Duckbill	Duckbill
Small (56)	BEL1204A24	—
Small/Medium (57)	BEL1204A25	—
Medium (57+)	BEL1204A26	BEL1419A14
Medium (58)	BEL1204A27	BEL1204A07
Medium/Large (59)	BEL1204A28	BEL1204A08
Large (59+)	BEL1204A29	BEL1204A09
Large (60)	BEL1204A30	BEL1204A10
X-Large (61)	BEL1204A31	BEL1204A11

RS7C LTWT NEW!

An ultra-lightweight version of the RS7 Carbon combining an aerospace-grade carbon shell, reinforced energy-absorbing liner system, and the performance features of the HP7, resulting in the most advanced, lightweight Snell-rated helmet currently offered. Weighs under 2.795 lbs. Uses SE07 shields. Natural carbon finish.

Part No.	Size
BEL1237A05	Small (57)
BEL1237A06	Small (57+)
BEL1237A07	Medium (58)
BEL1237A08	Medium/Large (59)
BEL1237A09	Medium/Large (59+)
BEL1237A10	Large (60)
BEL1237A11	X-Large (61)
BEL1237A12	XX-Large (61+)



Helmet Sizing

Proper fit is vital to the performance of a helmet. Measure the circumference of the head at a point approximately 1" above the eyebrows in front and at a point in the back of the head that results in the largest possible measurement. Take several measurements, using the largest measurement to obtain the correct size.

Helmet Size	Hat Size	Inches	Centimeters
X-Small	7	22	56
Small	7-1/8	22-3/8	57
Medium	7-1/4-7-3/8	22-3/4-23-1/4	58-59

Helmet Size	Hat Size	Inches	Centimeters
Large	7-1/2	23-5/8	60
X-Large	7-5/8-7-3/4	24-24-3/8	61-62

Replacement Helmet Shields

Bell offers replacement helmet shields for all 2020, 2015, 2010, and 2005 model helmets. Shields are 3mm with the exception of CMR models (2mm), and include tear-off posts. Shield Restricted Visor (SRV) shields are also offered for selected Bell Racing 2005 models. Change shields regularly for better visibility and safety.



Helmet Model(s)	Shield No.	Anti-Fog	Clear	Light Smoke	Dark Smoke	Amber	Blue Chrome	Silver Chrome
Snell 2005 Helmets								
Dominator, GTX, Kart 2 Pro, T6, K-1 Sport	276 SRV	NO	BEL2010151	BEL2010152	BEL2010153	BEL2010154	BEL2010155	—
Vortex, Vortex.2, Vortex.2 TFA/FA, Sport, M3, M3 Xtra	281 SRV	YES	BEL2010161	—	BEL2010163	BEL2010164	BEL2010165	BEL2010166
Vortex/FA/TFA, Sport 2, Sport 3, M-3/Xtra, Racestar IV	281 SRV	YES	BEL2010161*	—	BEL2010163*	BEL2010164*	BEL2010165*	BEL2010166*
Star 500 Youth	281 SRV	YES	BEL2010161*	—	BEL2010163*	—	BEL2010165*	BEL2010166*
Snell 2010/2020 Helmets								
Star GP, Star Infusion, GTX.2, GP.2	287 SRV	YES	BEL2010171	BEL2010172	BEL2010173	BEL2010174	BEL2010175	BEL2010176
Vortex GT, K.1 Sport	276 SRV	NO	BEL2010151	BEL2010152	BEL2010153	BEL2010154	BEL2010155	—
BR.1, M.4, Sport	281 SRV	YES	BEL2010161	—	BEL2010163	BEL2010164	BEL2010165	BEL2010166
Vador	289 SRV	YES	BEL2010191	—	BEL2010193	BEL2010194	BEL2010195	BEL2010196
M.8	SRV-8	YES	BEL2010201	BEL2010202	BEL2010203	BEL2010204	BEL2010205	BEL2010206
RS7, RS7-K, HP7	SE07	NO	BEL2010041	—	BEL2010043	—	—	—
GTX.3, GP.3	SE03	NO	BEL2010001	BEL2010002	BEL2010003	BEL2010004	BEL2010007	BEL2010005

* Early model helmets with Detent-type shields require Detent-to-SRV Conversion Kit BEL2016034-R1.



Double-Screen Anti-Fog Inserts

Double-screen insert converts helmet shield into a high performing anti-fog and UV-blocking visor.

Part No.	Description
BEL2010211	Fits Vortex GT, K.1 Sport, 276 Shield
BEL2010212	Fits Star GP/Star Infusion/ GTX.2, GP.2, 281 Shield
BEL2010213	Fits Star GP/Star Infusion/ GTX.2/GP.2, 287 Shield



Tear-Offs

Clear tear-offs are available in thick (5 mil, 10-pack) or thin (2 mil, 20-pack) versions.



Part No.	Description
BEL2030013	Thin (2 mil) Tear-Offs, 281/288 Shield, 20-Pack
BEL2030014	Thick (5 mil) Tear-Offs, 281/288 Shield, 10-Pack

Aluminum Tear-Off Post Kit

[BEL2030041](#)

Fits all face shields that are predrilled for tear-off shield. Includes two tear-off posts and attaching screws.



Shield Pivot Kits

Choose from the original SRV or the new low-profile SRV-1 and SRV-2 shield pivot kits.

[BEL2020034](#)



Description	Black	Silver
SRV-1, Fits Snell 2010/2015 Models Star GP/Star Infusion/GTX.2/GP.2/GP.2 CMR	BEL2020021	—
SRV-2, Fits Snell 2010/2015 Models Vortex GT/BR.1/M4/K.1 Sport	BEL2020031	BEL2020034
SE03, SE05	BEL2020001	BEL2020004
SE07, RS7, RS7-K, HP7	BEL2020011	—

Helmet Vents

[BEL2060001](#)

Black forehead-mount replacement vent. M4 and Sport models. Sold in pairs.



Forced Air and Vent Inserts for Star Infusion/BR.1 Helmets

Convert non-fresh air helmets to fresh air versions or vice versa. Kits are available with standard or Quick Lock nozzles to fit the Star Infusion and BR.1.



Description	White	Black
Top Forced Air Insert, Quick Lock Nozzle, Star Infusion/BR.1	—	BEL2070044
Top Forced Air Insert, Standard Nozzle, Star Infusion/BR.1	BEL2070041	BEL2070042
Side Forced Air Insert, Quick Lock Nozzle, BR.1	BEL2070039*	BEL2070040
Side Forced Air Insert, Standard Nozzle, BR.1	—	BEL2070038
Vent Top Plate, Star Infusion/BR.1	—	BEL2070036

* Requires forced air adapter fitting [BEL2029000](#) to allow using standard 1-1/2" O.D. forced air hose.

Helmet Accessories

Part No.	Description
BEL2050001	Rear Spoiler, Large Clear, Fits HP.3/Vortex GT/GP.2/K.1 Sport
BEL2050011	Rear Spoiler, Small Clear, Fits HP.3/Vortex GT/GP.2/K.1 Sport
BEL2080002	Replacement Eyeport Foam Kit, Fits All Full Face Helmets
BEL2110001	Breath Deflector, Fits Star GP/Star Infusion/GTX.2/Vortex GT/GP.2/BR.1/M4/K.1/Sport
BEL2110011	Chin Cover Debris Seal, Small, Fits All Full Face Helmets
BEL2070066	Forced Air Adapter Fitting, Adapts Quick Lock to Standard 1-1/2" Forced Air Hose, Star Infusion

Fleece-Lined Helmet Bag

[BEL2120012](#)

Designed to protect helmet from the elements, bag is emblazoned with the Bell Helmets logo and features a plush, fleece-lined interior.



Victory R1 Helmet Bag

[BEL2120013](#)

This original all-leather helmet bag features an extended pocket for storing accessories. Measures 15" x 13.5" x 15", making it ideal for a variety of different helmet styles.



Hans Pro V.2 Helmet Bag

[BEL2120014](#)

The padded, oversized Hans Pro V.2 bag is designed with enough space to store both helmet and head/neck restraint device in the same bag. Manufactured with a unique divider that gives the helmet and restraint device each a separate storage compartment. External storage pockets allow storage of smaller helmet accessories.





Late Model Transmission BER200

Aluminum cased unit is the ultimate combination of performance, reliability, and low weight. High gear is direct drive. Low gear and reverse are operated by an internal hydraulic clutch, eliminating the regular clutch. Measures 19" from bellhousing flange to end of output shaft. Transmission weighs just 48 lbs.



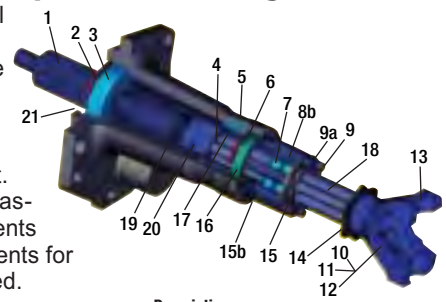
Late Model Transmission with Ball Spline BER204

Ball spline tail housing system is an option on aluminum-cased Bert transmissions. Eliminates hidden bind, while allowing up to 5" of driveshaft yoke travel.



Late Model Ball Spline Tailhousing

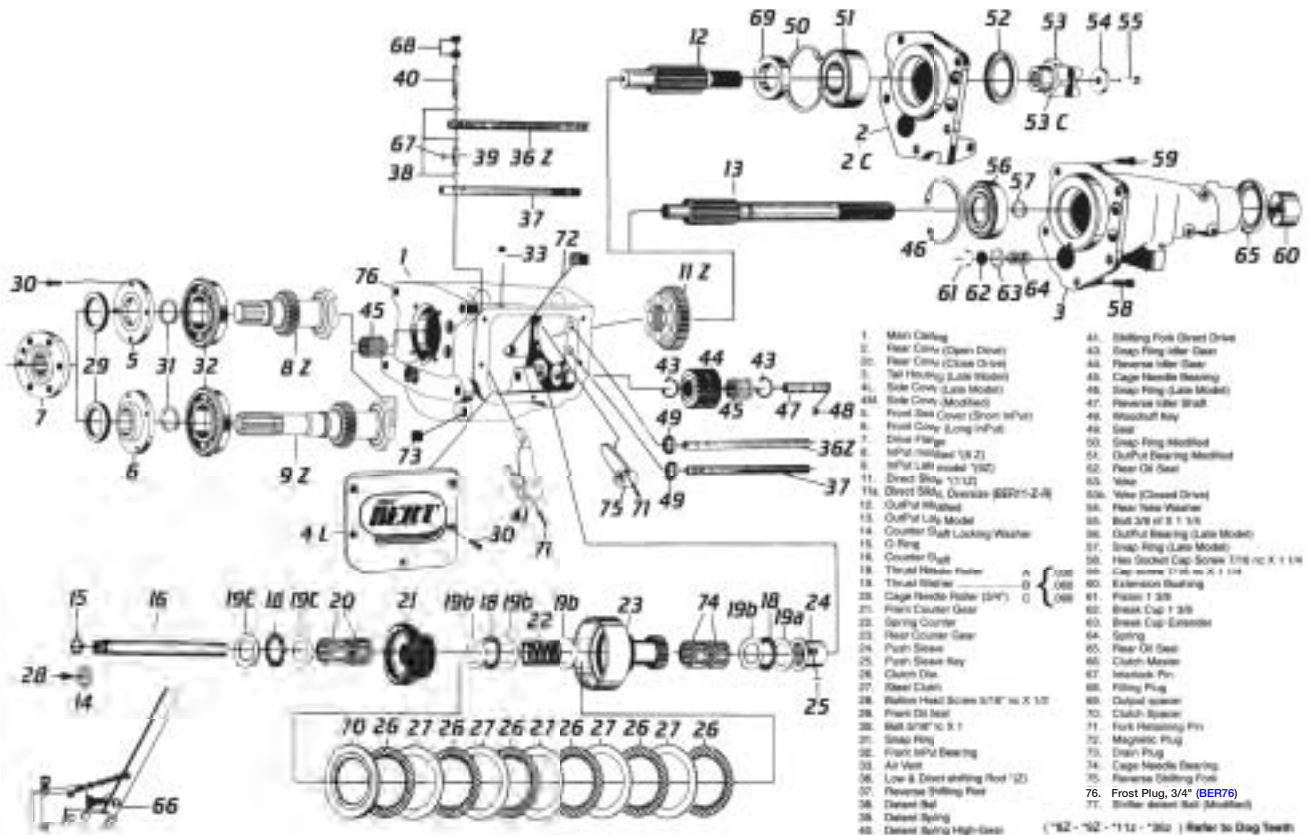
Convert conventional Bert transmissions to telescoping, ball spline design for reduced friction. Telescoping design smooths rear suspension movement. Manolite treating increases hardness and prevents corrosion. All components for conversion are included.



Part No.	Description
BER003BS	Ball Spline Tailhousing
BER3-BS-OK	Ball Spline Overhaul Kit, Includes Rear Seal, Wear Ring (12) 1/2" dia. Ball Bearings and CV Grease
BER3-BS-OK-N	Ball Spline Overhaul Kit, Includes Rear Double Seal, Wear Ring (12) 1/2" dia. Ball Bearings and CV Grease

Part No.	Description	Part No.	Description
BER3-01	Output Shaft Tube	BER3-14	Stop Washer
BERSG-1350	Front Bearing	BER3-15B	Front Seal, 2005 & Up Units
BER3-05	Tailhousing, Ball Spline	BER3-15-KG	Greasable Ball Seal
BERSG-1083	Rear Snap Ring	BERSG-1506	Tailhousing Seal
BER3-07	Ball Bearing, 1/2", Each	BERSG-1504	Roller Bearing
BER3-08B	Ball Retainer Ring	BER3-18	Ball Spline Shaft
BER3-09	Allen Cap Screw, 1/4"-28 x 2"	BER3-19	Wear Ring
BER3-09A	Hi-Lock Washer	BER3-20	Friction Bushing
BER3-13	Aluminum Yoke	BER3-27	Double Seal Ball Spline Conv. Kit
BER3-13-S	Steel Yoke	BER19C	Steel Washer, .090"

Original Late Model Transmission Internal Parts Breakdown



Standard Transmission Overhaul Kit BER91

Components for performing a basic overhaul on a Bert transmission. Kit includes six clutches, front and rear seals, extension bushing, detent pin, 3/4" dia. freeze plug, and shift fork seals.

Note: Does not include components for ball spline tailhousing overhaul.





Second Generation Late Model Transmission

Lightweight aluminum-cased Second Generation transmission weighs only 31 lbs. and possesses the lowest rotating weight and drag of any unit currently available, yet retains the strength and durability of traditional Bert transmissions. The elimination of the power-robbing countershaft adds significantly to the reduction in rotating mass. Transmission is offered in three versions: standard Bert length, Muncie length, and ball spline model. Shifter must be purchased separately.



Part No.	Description
BERSG1300	SG Transmission, Standard Bert, 19" Length
BERSG1400	SG Transmission, Muncie, 22" Length
BERSG1500	SG Transmission, Ball Spline Model
BERSG1310	Shifter for SG Transmission
BERSG1311	Shifter for SG Transmission, Bloomquist Style

Second Generation Dirt Modified Transmission **NEW!**

BERSG1200

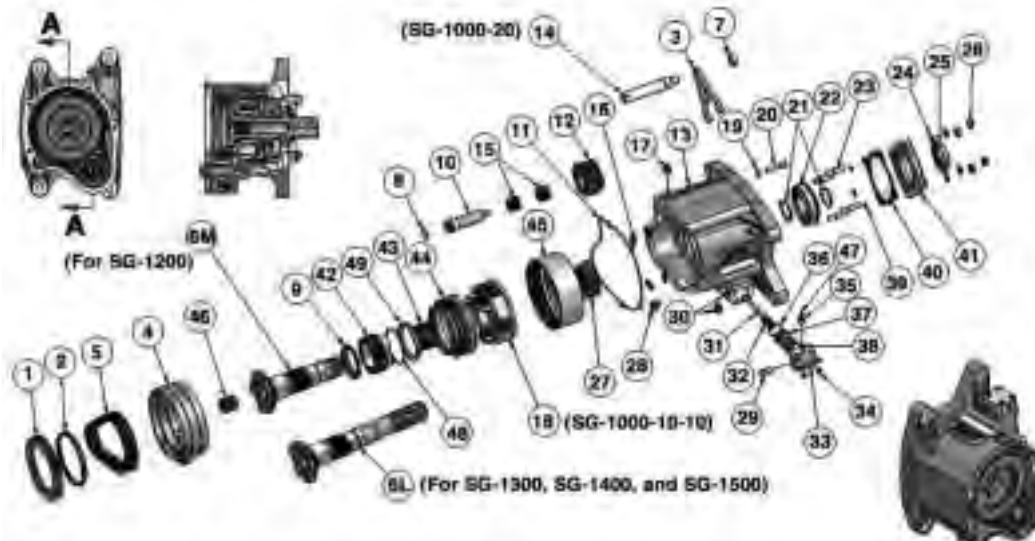
Engineered exclusively for Dirt Modifieds, second generation unit is 10 lbs. lighter than the original MOZ transmission and features 50% less rotating weight. Weighing just 32.2 lbs., transmission additionally includes an improved gear ratio that allows the clutch to engage quicker. Uses the same length driveshaft and coupler. Sold complete with shifter.



SG-1200 Related Components

Part No.	Description
BERSG-1213	Yoke Washer
BERSG-1252	Yoke Bolt, Hex Cap, 3/8"-24 x 1.500"
BERSG-1253	Lock Washer, 3/8"

Second Generation Late Model Transmission Internal Parts Breakdown



Item	Qty	Part No.	Description
1	1	BERSG-1029	Reverse Gear
2	1	BERSG-1031-K	Reverse Bearing (Seal Together with SG-1061)
2b	1	BERSG-1061*	Steel Ball, 3/16"
3	1	BERSG-1017	Selector Fork
4	1	BERSG-1030-K*	Bert Band with Anchor
5	1	BERSG-1076	Double Row Chain
6M	1	BERSG-1002*	Input Shaft (for SG-1200)
6L	1	BERSG-1003	Input Shaft, Late (for SG-1300, SG-1400, and SG-1500)
7	1	BERSG-1056*	Hex Nylon Lock 1/2-20 UNF
8	1	BERSG-1079	O-Ring OD 3/4 ID 5/8 with 1/16
9	1	BERSG-1032-K	Carrier Thrust Support Bearing
9b	1	BERSG-1060	Steel Ball, 5/16"
10	1	BERSG-1027*	Reverse Gear Shaft (Sale Together with SG-1034)
11	1	BERSG-1038	O-Ring Casting (In Development)
12	1	BERSG-1028*	Reverse Idler Gear
13	1	BERSG-1001*	Main Casting
14	1	BERSG-1000-20*	Front Fork System Sub Assembly
15	2	BERSG-1057*	Needle Bearing 20" x 24" x 17"
16	4	BERSG-1021	Thrust Washer
17	1	BERSG-1068	Breather
18	1	BERSG-1000-10-10*	Carrier Sub Assembly
19	1	BERSG-1054	O-Ring OD 9/16" Wall 1/16"
20	1	BERSG-1022	Front Fork Support Screw
21	2	BERSG-1080*	External Retaining Rings, 5160-137
22	1	BERSG-1053	Input Shaft Bearing

* Signifies special order item.

Item	Qty	Part No.	Description
23	4	BERSG-1037*	Front Cover Stud
24	4	BERSG-1156*	Flat Washer 5/16"
25	1	BERSG-1052	Shaft Seal CRWA1-R, Same as BER052
26	4	BERSG-1258*	Hex Nylon Lock 3/8"-24 UNF
27	1	BERSG-1006	Sun Gear Selector
28	1	BERSG-1033*	Band Anchor Stud
29	1	BERSG-1064*	Servo AN Adapter
30	2	BERSG-1063	Magnetic Drain Plug 1/4" NPT
31	1	BERSG-1019	Band Anchor Shaft
32	1	BERSG-1078	Piston Return Spring, O.D. 5/8" x 1-1/4" x W (.069" x .109")
33	1	BERSG-1020*	Servo Cover
34	4	BERSG-1066	Flat Head 82° #10-24 UNC x .750"
35	1	BERSG-1065	Servo Bleed Adapter (Sold Together with SG-1067)
36	1	BERSG-1081	O-Ring 1/16" x 1.000" (A.P.D.N.)
37	1	BERSG-1018	Servo Piston
38	2	BERSG-1077	O-Ring 3/32"
39	4	BERSG-1082	Stud O-Ring
40	1	BERSG-1039	Gasket
41	1	BERSG-1004*	Front Cover
42	1	BERSG-1012	Sun Gear
43	1	BERSG-1069	Needle Bearing 40" x 45" x 27"
44	1	BERSG-1009	L and R Carrier
45	1	BERSG-1007*	Carrier Crown
46	1	BERSG-1058	Needle Bearing WJ 12" x 16" x 16"
47	1	BERSG-1067*	Servo Bleed Adapter Plug
48	1	BERSG-1016	Sun Gear Thrust Ring
49	1	BERSG-1011	Carrier Support

* Signifies special order item.



Second Generation Tail Casting Assemblies

Tail Casting Assembly BERSG-1300-1

Item	Part No.	Description
1	BERSG-1151	Rod End, 3/8"-24 UNF (1)
2	ALL18254	Hex Jam Nut, 3/8"-24 UNF (1)
3	BERSG-1150	Shaft Seal (1)
4	BERSG-1102*	Shifting Rod Extension (1)
5	BERSG-1017	Selector Fork (1)
6	BER68	Set Screw, 3/8"-16 UNC x .375" (2)
7	BERSG-1056*	Hex Nylon Lock, 1/2"-20 UNF (1)
8	BERSG-1155*	Hex Head Screw, 5/16"-18 UNC x 1.500" (4)
9	BERSG-1154*	Hex Head Screw, 5/16"-18 UNC x 2.000" (1)
10	BERSG-1051*	Lock Washer, .313" (5)
11	BERSG-1156*	Flat Washer, 5/16" (5)
12	BERSG-1400-05*	Tail Casting, Late Model Sub Assembly
13	BERSG-1035-01	Plunger, Small Ball 1/4" Dia.
14	BERSG-1158	Plunger, Large Ball 5/16" Dia.
15	BERSG-1302	Spring, 5/16" (2)
15	BERSG-1402*	Output Shaft (1)
16	BERSG-1350	Output Shaft for SG-1400 (1)
17	BERSG-1083	Deep Groove Ball Bearing, Snap Ring, Contact Seal On Outer Side, 60mm x
18	BERSG-1021	Snap Ring (2)
19	BERSG-1160*	Crown Thrust Washer (3)
20	BERSG-1101	Internal Retaining Ring, Bore Dia. 3-5/32" (1)
		Hi Selector (1)

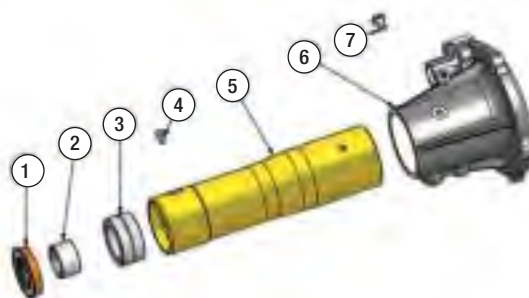
* Signifies items that must be special ordered.



Tail Casting Sub Assembly BERSG1300-5

Item	Part No.	Description
1	BERSG-1354	Shaft Seal BHH1010-AD, Same as BER65 (1)
2	BERSG-1356	BER60 (1)
3	BERSG-1304	Output Bushing (1)
4	BERSG-1357*	Hexagon Socket Button Head Cap Screw (1)
5	BERSG-1303	Output Tube (1)
6	BERSG-1301	Tail Casting, Late Model (1)
7	BERSG-1352*	Hexagon Socket Button Head Cap Screw (2)

* Signifies items that must be special ordered.



Ball Spline Assembly BERSG-1500-1

Item	Part No.	Description
1	BERSG-1151	Rod End, 3/8"-24 UNF (1)
2	ALL18254-1	Hex Jam Nut, 3/8"-24 UNF (1)
3	BERSG-1150*	Shaft Seal (1)
4	BERSG-1102*	Shifting Rod Extension (1)
5	BERSG-1017	Selector Fork (1)
6	BER68	Set Screw, 7/16"-14 UNC x .375" (2)
7	BERSG-1056*	Hex Nylon Lock, 1/2"-20 UNF (1)
8	BERSG-1502	Output Shaft (4)
9	BERSG-1053	Input Shaft Bearing
10	BERSG-1155*	Hex Head Screw, 5/16"-18 UNC x 1.500" (4)
11	BERSG-1154*	Hex Head Screw, 5/16"-18 UNC x 2.000" (1)
12	BERSG-1051*	Lock Washer, .313" (5)
13	BERSG-1156*	Flat Washer, 5/16" (5)
15	BERSG-1035-02	Plunger (2)
16	BERSG-1158	Spring, 5/16" (2)
17	BERSG-1350	Deep Groove Ball Bearing, Snap Ring, Contact Seal on Outer Side, 60mm x 40mm x 18mm (1)
18	BERSG-1021	Crown Thrust Washer (3)
19	BERSG-1160*	Internal Retaining Ring, Bore Dia. 3-5/32" (1)
20	BERSG-1101	Hi Selector (1)

* Signifies items that must be special ordered.



Ball Spline Sub Assembly BERSG-1500-05

Item	Part No.	Description
1	BERSG-1352*	Hexagon Socket Button Head Cap Screw (2)
2	BERSG-1301	Tail Casting, Late Model (1)
3	BERSG-1503	Tail Tube Ball Spline (1)
4	BERSG-1504	Needle Bearing HJ324120 (1)
5	BERSG-1505*	Snap Ring (1)
6	BERSG-1506	CR Seal 19762 (1)

* Signifies items that must be special ordered.



Bert Second Generation Replacement Parts

Part No.	Description	Part No.	Description
BERSG-1035-01	Plunger Small Ball 1/4 Diam.	BERSG-1082	Original Stud 2-011
BERSG-1066	Flat Head 82° 10/2 4 X 1	BERSG-1251	Yoke Seal



Crank Couplers

Adapts Bert transmission to any popular engine. Steel or lightweight aluminum.



Part No.	Description
BER7	Chevy Steel Coupler, Commonly Used with Flexplate
BER7A	Chevy Aluminum Coupler, Commonly Used with Flexplate
BER7-NC	New Style Chevy Steel Coupler, 3", 1- Piece Rear Main
BER7F	SB Ford Steel Coupler, Commonly Used with Flexplate
BER7-LS1	GM LS1 Steel Coupler, Commonly Used with Flexplate NEW!
BER371-G	Steel Chevy Coupler, Gilmer Drive
BER371-H	Steel Chevy Coupler, HTD Drive
BER371-L-G	Aluminum Chevy Coupler, Gilmer Drive
BER371-L-H	Aluminum Chevy Coupler, HTD Drive
ARP230-7306	ARP Coupler Bolt Kit, 7/16"-20 x 1.250" Long (6 Pack)

One-Piece Flywheels

Late Model Flywheel **BER320-NCXT**

HTD-style flywheel fits 1986-up externally balanced small block Chevy engines. Use ARP230-7306 bolt kit.



Late Model LS1 Flywheel **BER320-LS1**

One-piece HTD flywheel fits GM Gen. III LS1 engines. Use QTR505007 bolt kit.



Crate Motor Flywheel **BER311-NCXT**

Flywheel fits 1986-up externally balanced small block Chevy engines. Use ACER725500K bolt kit.



Late Model 400 Flywheel **BER320-400**

One-piece HTD-style flywheel fits externally-balanced 400 crate engines with a two-piece rear main seal. Use ARP230-7306 bolt kit.



Flywheel Shims

Installs between crankshaft and flywheel; .030" thick.



Part No.	Description
BER324	Chevy
BER324-NC	New Chevy

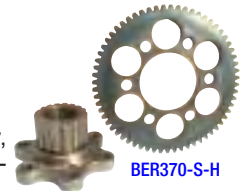
Blue Magic Transmission Fluid **BER4444275**

A specially blended fluid engineered to improve bearing and gear protection, ease shifting, and smooth and quiet operation. Sold in 1-qt. bottles.



Two-Piece Flywheels

Bert's two-piece flywheel/hub assembly, in steel or aluminum, is the smallest, lightest available and allows changing of ring gear or hub. HTD or Gilmer style hubs are available.



Part No.	Description
BER370	Chevy Flywheel, Internal Balance, Ring Gear Only
BER370-F*	Ford Flywheel, Internal Balance
BER370-L-G	Lightweight Aluminum Gilmer Hub
BER370-L-H	Lightweight Aluminum HTD Hub
BER370-NYM	Chevy Flywheel, Internal Balance, Ring Gear Only, Offset .080" NEW!
BER370-S-G	High-Strength Steel Gilmer Hub
BER370-S-H	High-Strength Steel HTD Hub
BER370-WIN*	Ford Flywheel, External Balance
ARP230-7306	ARP Bolt Kit, 7/16"-20 x 1.250", 6-Pack

* Ford Flywheel requires SB Chevy-style coupler.

Late Model Bellhousings

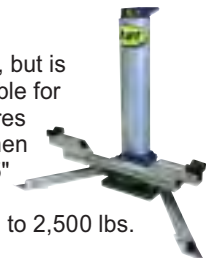
Bert's bellhousings, in aluminum provide maximum track clearance. Mounting surface is same thickness as stock with provisions for a rear mounted dry sump pump and starter. Available in packages with either Gilmer or HTD crank hub. Exclusive 6.5" diameter ring gear has very low rotating weight for more off-the-corner power.



Part No.	Description
Bellhousing, Flywheel and Crank Hub Packages	
BER301G	Chevy Aluminum Bellhousing, Aluminum Gilmer Hub
BER301H	Chevy Aluminum Bellhousing, Aluminum HTD Hub
BER301F-G	SB Ford 302-351W Aluminum Bellhousing, Aluminum Gilmer Hub
BER301F-H	SB Ford 302-351W Aluminum Bellhousing, Aluminum HTD Hub
Bellhousing Replacement Parts	
BER303	Idler Gear
BER304	Idler Gear Bushing
BER306	Idler Gear Shaft
BER308	Idler Gear Spring
BER309	Idler Gear Washer
BER310	Idler Gear Shaft Grease Fitting
Starters for Bert Bellhousings	
ALL80530	Allstar Performance
CVR5300	CVR Pro Torque Starter
PWM9514	Powermaster XS Torque Starter
QTR114170	Quarter Master Ultra-Duty Starter
ALL80532	Allstar Heavy-Duty Starter

Aluminum Air Jack **BERAJ1000**

Functions just like a traditional bumper jack, but is lightweight, easy to handle, and fully collapsible for easy storage. Jack sets up quickly and requires just 50 PSI to reach its full 36" extension. When stored, jack is only 40" high x 21" wide x 18.5" deep. Ideal for cars with bumpers including IMCA, UMP, and Northeast Modifieds. Rated to 2,500 lbs.



Aluminum Air Jack Accessories **NEW!**

Specialized adapters are available to ease use of the aluminum air jack on IMCA or NY Modifieds.

Part No.	Description
BERAJ-BUMPERIMCA-EXT4	IMCA 4" Bumper Extension
BERAJ-BUMPERNYM-F	NY Modified Front Bumper Extension
BERAJ-BUMPERNYM-F	NY Modified Rear Bumper Extension





With more than 15 years in the header business, Beyea Custom Headers has become a leader in the fabrication of racing headers. Each design has been thoroughly tested. Headers are offered in traditional 4-into-1 or Tri-Y 4-into-2-into-1 designs, and have 5/16" laser-cut flanges to provide exceptional seal and support. Available in a wide variety of port configurations.

SB Chevy Dirt Late Model Tri-Y Headers



Advanced, Tri-Y design headers offer maximum performance for small block Chevy-powered dirt late models with aftermarket cylinder heads.

Part No.	Description	Primary Dia.	Collector Dia.
9°-13° Dart Cyl. Head Applications			
BEYDLMTY-913D2 †	Dart 9°-13°, 421-445 C.I.	1-3/4"-2"	3-1/2"
18° Cyl. Head Applications			
BEYDLMTY-18BT	Brodix SP, 360-420 C.I.	1-3/4"-1-7/8"-2"	3-1/2"
BEYDLMTY-18CD *	421-445 C.I.	1-3/4"-2"	3-1/2"
23° Cyl. Head Applications			
BEYDLMTY-23S2	358-390 C.I., 8,000 RPM Max.	1-3/4"-1-7/8"	3"
BEYDLMTY-23T2	400-up C.I., 8,000+ RPM	1-3/4"-1-7/8"-2"	3-1/2"
BEYDLMTY-525D1	"525" Crate	1-5/8"-1-3/4"	3"

* Headers have a straight, 6-bolt flange. † Headers have a 7-bolt flange.

SB Chevy Dirt Limited Late Model Headers

Headers listed are available to fit Limited Late Models with conventional 23° small block Chevy or GM "604" crate engines. Headers are traditional four-into-one configuration. Black-painted finish.



Part No.	Description	Primary Dia.	Collector Dia.
23° Applications			
BEYDLM-23S1A	4-Into-1	1-5/8"-1-3/4"	3"
BEYDLM-232A	4-Into-1	1-3/4"-1-7/8"	3-1/2"
"604" Crate Applications			
BEYDLM604-17-A	4-Into-1, Rocket/Pierce/Longhorn/Swartz/Lazer	1-5/8"-1-3/4"	2-3/4"
BEYDLM604-17-B	4-Into-1, GRT/Masterbilt/Pierce Platinum/Rayburn/Warrior	1-5/8"-1-3/4"	2-3/4"

SB Chevy UMP/IMCA Dirt Modified Headers



UMP/IMCA headers, in 4-into-1 and Tri-Y versions, have "stepped" primary tubes for maximum exhaust velocity. Available to fit small block Chevys with 23° or 18° cylinder heads mounted in Shaw or Dirt Works chassis.

Part No.	Description	Primary Dia.	Collector Dia.
23° Cyl. Head Applications			
BEYIDM-23S1-C	4-Into-1, 350-358 C.I., Hughes/Xtreme Chassis	1-5/8"-1-3/4"	3"
BEYIDM-23S2-B	4-Into-1, Shaw Chassis	1-3/4"-1-7/8"	3"
BEYIDM-23S1-G	4-Into-1, GRT Chassis	1-5/8"-1-3/4"	3"
BEYIDMTY-23T2-D2	Tri-Y, Harris/Rage/Sidebiter, 360-421 C.I.	1-3/4"-1-7/8"-2"	3-1/2"
"602" Crate Application			
BEYIDM602-NSM-B2	4-Into-1, Northern Sport Mod, Lethal/Lightning/Longhorn	1-5/8"	2-3/4"
"604" Application			
BEYIDM-604-S1-D2	4-Into-1, Rage/"12-up Razor/Skyrocket/Sidebiter	1-5/8"-1-3/4"	2-3/4"
BEYIDM-604-S1-C	4-Into-1, "604" Crate, Hughes/Xtreme Chassis	1-5/8"-1-3/4"	2-3/4"
BEYIDM-604-S1G	4-Into-1, GRT/BMS/SSR	1-5/8"-1-3/4"	2-3/4"

Slip-On Mufflers and Turn-Downs

Compact and lightweight, slip-on mufflers include 6" long bodies and turn-downs.



Part No.	Description
BEYMU3	3" Inlet/3" Outlet, 6" Long
BEYMU3.5	3-1/2" Inlet/3-1/2" Outlet, 6" Long
BEYMU3DM	3" Inlet/3" Outlet, 8" Long, Dirt Modified
BEYMU3.5DM	3-1/2" Inlet/3-1/2" Outlet, 8" Long, Dirt Modified
BEYTD3.5	3-1/2" Turn Down Only



RANDY TAYLOR



SZ Series Steel Shock Absorbers

SZ Series digressive-valve, monotube gas shocks are used on modifieds and late models. Shocks have 2" O.D. plated-steel bodies and 1.81" (46mm) pistons for consistent, fade-free performance. Shocks are available in 7" and 9" strokes and may be converted to coil-overs.

Part No.	Extended Length	Compressed Length	Stroke	Rebound Damping	Compression Damping
BILF4-B46-0210-ZD	20.00"	13.14"	7"	80 lbs.	600 lbs.
BILF4-B46-0210-YA	20.00"	13.14"	7"	160 lbs.	160 lbs.
BILF4-B46-0210-ZB	20.00"	13.14"	7"	160 lbs.	210 lbs.
BILF4-B46-0210-ZC	20.00"	13.14"	7"	160 lbs.	260 lbs.
BILF4-B46-0210-ZE	20.00"	13.14"	7"	160 lbs.	320 lbs.
BILF4-B46-0210-ZZ	20.00"	13.14"	7"	185 lbs.	160 lbs.
BILF4-B46-0210-ZV	20.00"	13.14"	7"	185 lbs.	235 lbs.
BILF4-B46-0210-ZX	20.00"	13.14"	7"	210 lbs.	210 lbs.
BILF4-B46-0210-ZR	20.00"	13.14"	7"	235 lbs.	290 lbs.
BILF4-B46-0210-ZN	20.00"	13.14"	7"	260 lbs.	160 lbs.
BILF4-B46-0210-ZW	20.00"	13.14"	7"	260 lbs.	260 lbs.
BILF4-B46-0210-ZG	20.00"	13.14"	7"	290 lbs.	290 lbs.
BILF4-B46-0210-ZH	20.00"	13.14"	7"	320 lbs.	120 lbs.
BILF4-B46-0210-YD	20.00"	13.14"	7"	320 lbs.	210 lbs.
BILF4-B46-0210-ZT	20.00"	13.14"	7"	320 lbs.	320 lbs.
BILF4-B46-0210-ZY	20.00"	13.14"	7"	380 lbs.	160 lbs.
BILF4-B46-0210-ZU	20.00"	13.14"	7"	380 lbs.	235 lbs.
BILF4-B46-0210-ZS	20.00"	13.14"	7"	380 lbs.	320 lbs.
BILF4-B46-0210-ZF	20.00"	13.14"	7"	500 lbs.	210 lbs.
BILF4-B46-0210-ZM	20.00"	13.14"	7"	500 lbs.	320 lbs.
BIL33-239569	23.44"	14.94"	9"	120 lbs.	210 lbs.
BIL33-239514	23.44"	14.94"	9"	120 lbs.	320 lbs.
BIL33-239508	23.44"	14.94"	9"	120 lbs.	500 lbs.
BILF4-B46-0207-YA	23.44"	14.94"	9"	160 lbs.	160 lbs.
BILF4-B46-0207-ZE	23.44"	14.94"	9"	160 lbs.	260 lbs.
BIL33-239538	23.44"	14.94"	9"	160 lbs.	320 lbs.
BILF4-B46-0207-ZZ	23.44"	14.94"	9"	185 lbs.	160 lbs.
BILF4-B46-0207-ZA	23.44"	14.94"	9"	210 lbs.	80 lbs.
BILF4-B46-0207-ZP	23.44"	14.94"	9"	210 lbs.	120 lbs.
BILF4-B46-0207-ZX	23.44"	14.94"	9"	210 lbs.	210 lbs.
BILF4-B46-0207-ZR	23.44"	14.94"	9"	235 lbs.	290 lbs.
BILF4-B46-0207-ZN	23.44"	14.94"	9"	260 lbs.	185 lbs.
BILF4-B46-0207-ZW	23.44"	14.94"	9"	260 lbs.	260 lbs.
BILF4-B46-0207-ZG	23.44"	14.94"	9"	290 lbs.	290 lbs.
BILF4-B46-0207-ZJ	23.44"	14.94"	9"	320 lbs.	80 lbs.
BILF4-B46-0207-ZH	23.44"	14.94"	9"	320 lbs.	120 lbs.
BILF4-B46-0207-YD	23.44"	14.94"	9"	320 lbs.	210 lbs.
BILF4-B46-0207-ZT	23.44"	14.94"	9"	320 lbs.	320 lbs.
BILF4-B46-0207-ZY	23.44"	14.94"	9"	380 lbs.	160 lbs.

SZ Series "COB" Steel Shock Absorbers

Popular on late models and modifieds, 2" O.D. steel-bodied SZ Series shocks use 1.81" (46mm) pistons to provide consistent, fade-free performance. Specialized, "COB" digressive pistons with check valves installed on the compression side create less bleed and more damping force on the rebound side, particularly at low piston speeds. May be converted to coil-over application.

Part No.	Extended Length	Compressed Length	Stroke	Rebound Damping	Compression Damping
BILF4-BE5-H922-M1	20.00"	13.14"	7"	10	2
BILF4-BE5-H923-M1	20.00"	13.14"	7"	12	2
BILF4-BE5-H919-M1	20.00"	13.14"	7"	7	2
BILF4-BE5-H920-M1	20.00"	13.14"	7"	8	2
BILF4-BE5-H921-M1	20.00"	13.14"	7"	9	2

SZ Series DP IMCA Dirt Modified Shock Absorber Package BILDP1

Specifically designed for IMCA dirt modifieds, specialized package takes the guesswork out of ordering the correct valving shock absorbers. Includes a set of (4) SZ Series, digressive and linear valve monotube gas, 2" O.D. steel-bodied shock absorbers with 1.81" (46mm) pistons.

Part No.	Description
DP1 Shock Absorber Package	
BIL33-239491	Left Front Shock Absorber
BIL33-239477	Right Front Shock Absorber
BIL33-239552	Left Rear Shock Absorber
BIL33-239545	Right Rear Shock Absorber
Optional DP2 Shock Absorbers	
BILDP2LF	Left Front Shock Absorber
BILDP2LR	Left Rear Shock Absorber



SL Series Steel Shock Absorbers

Linear-valved, SL monotube gas-filled shock absorbers are popular on late models and modifieds. The 2" O.D. plated-steel bodies use 1.81" (46mm) pistons to deliver consistent, fade-free performance. Shocks are available in 7" and 9" strokes and may be converted to coil-overs.

Part No.	Extended Length	Compressed Length	Stroke	Rebound Damping	Compression Damping
BILF4-BE5-F591-M0	20.00"	13.14"	7"	3	4
BILF4-BE5-F592-M0	20.00"	13.14"	7"	3	5
BILF4-BE5-F595-M0	20.00"	13.14"	7"	4	2
BILF4-BE5-F596-M0	20.00"	13.14"	7"	4	4
BILF4-BE5-F598-M0	20.00"	13.14"	7"	5	5
BILF4-BE5-F599-M0	20.00"	13.14"	7"	6	2
BILF4-BE5-F603-M0	23.44"	14.94"	9"	1.5	5
BILF4-BE5-F606-M0	23.44"	14.94"	9"	3	3
BILF4-BE5-F608-M0	23.44"	14.94"	9"	3	5
BILF4-BE5-F609-M0	23.44"	14.94"	9"	3	6
BILF4-BE5-F612-M0	23.44"	14.94"	9"	4	1.5
BILF4-BE5-F613-M0	23.44"	14.94"	9"	4	4
BILF4-BE5-F612-M0	23.44"	14.94"	9"	5	5



BUZZARD CHASSIS/BILL DAVIS

CHUCK BALDWIN



SNS2-BV Series Shock Absorbers

SNS2-BV series, modular shock absorbers incorporate BV (Base Valve) technology that provides ultra-low rod pressures, eliminating gas preload, while increasing fade-free performance. Shocks are manufactured using 46mm steel bodies, 14mm case hardened stainless steel chrome shafts, linear or digressive pistons and 1/2" graphite heims. Supplied as a dry kit, less valve stack, oil or nitrogen, to allow builders to create an infinite range of standard and custom valvings.

Part No.	Description	Extended Length	Collapsed Length	Stroke
BIL33-273297	Linear, Steel Cap, Non-Adj. with Base Valve	19.16"	13.35"	7"
BIL33-273525	Digressive, Steel Cap, Non-Adj. with Base Valve	19.16"	13.35"	7"
BIL33-273280	Linear, Steel Cap, Non-Adj. with Base Valve	24.00"	16.00"	8"
BIL33-273518	Digressive, Steel Cap, Non-Adj. with Base Valve	23.79"	15.87"	9"



SLM Series Left Rear Shock Absorbers for Modifieds

Specifically designed for installation on the left rear of popular UMP, IMCA, or USMTS Modifieds. SLM Series steel bodied, 2" O.D. shock incorporates a special, low-bleed 1.81" (46mm) piston that creates a large amount of damping at low shaft speeds, keeping the left rear suspension up on the four-link bars longer for increased traction.

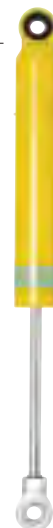
Part No.	Extended Length	Compressed Length	Stroke	Rebound Damping	Compression Damping
BILF4-BE5-H916-M1	23.44"	14.94"	9"	1.5	7
BILF4-BE5-H917-M1	23.44"	14.94"	9"	3	7
BILF4-BE5-H918-M1	23.44"	14.94"	9"	3	8



1-5/8" Lightweight Steel Shock Absorbers

Affordable 1-5/8" O.D. monotube gas shocks use 36mm pistons to offer consistent, fade-free performance for stock cars, modifieds, and other open wheel cars. All have off-the-shelf valving and are available with 6" or 7" strokes. All shocks include rod ends and may be converted to coil-overs.

Part No.	Extended Length	Compressed Length	Stroke	Rebound Damping	Compression Damping
BILF4-BE3-A213-M7	17.19"	11.38"	6"	1	3
BILF4-BE3-A213-M0	17.19"	11.38"	6"	2	4
BILF4-BE3-A213-M2	17.19"	11.38"	6"	3	1
BILF4-BE3-A213-M3	17.19"	11.38"	6"	3	3
BILF4-BE3-A213-M4	17.19"	11.38"	6"	4-1/2	4-1/2
BILF4-BE3-A213-M6	17.19"	11.38"	6"	5-1/2	5-1/2
BILF4-BE3-C231-H1	19.86"	12.68"	7"	1	9
BILF4-BE3-C232-H0	19.86"	12.68"	7"	2	4
BILF4-BE3-C233-H0	19.86"	12.68"	7"	3	3
BILF4-BE3-C234-H0	19.86"	12.68"	7"	3	5
BILF4-BE3-C235-H0	19.86"	12.68"	7"	3	6
BILF4-BE3-C236-H0	19.86"	12.68"	7"	3-1/2	3-1/2
BILF4-BE3-C238-H0	19.86"	12.68"	7"	4-1/2	4-1/2
BILF4-BE3-C239-H0	19.86"	12.68"	7"	5-1/2	5-1/2
BILF4-BE3-C240-H0	19.86"	12.68"	7"	6	2
BILF4-BE3-C241-H0	19.86"	12.68"	7"	6-1/2	6-1/2



Shock Absorber Rebuilder Tools

Specially-designed tools are engineered to ease the rebuilding and re-valving of customer serviceable, take-apart 46mm Bilstein shock absorbers.

Part No.	Description
BILE4-MTL-0002A00	Rod Guide Removal Plate, for AS2, SN2, SNS2, SNS3, XVA, XVX, and MDS
BILE4-MTL-0003A00	Spherical Bearing Insert Tool, for AS2 and XVA
BILE4-MTL-0004A00	Damper Vice Assembly, for AS2, SN2, SNS2, SNS3, XVA, XVS, and MDS
BILE4-MTL-0005A00	Nitrogen Fill Tool Assembly, for AS2, SN2, SNS2, SNS3, XVA, XVS, and MDS
BILE4-MTL-0006A00	46mm Tube Plug, for AS2, SN2, SNS2, SNS3, XVA, XVS, and MDS
BILE4-MTL-0008A00	Multi-Wrench, for AS2, SN2, SNS2, SNS3, XVA, XVS, and MDS
BILE4-MTL-0009A00	Rod Guide Insert Tool, for AS2, SN2, SNS2, SNS3, XVA, XVS, and MDS



TYLER ROAHRIG



TOM RUTHERFORD

JIM DENHAMER



AK Series Street Stock Shock Absorbers

AK Series shock absorbers are designed for pure stock, street stock, mini-stock, and enduro classes where a stock-mount, steel-body shock absorber is required. Shocks are available for a wide variety of applications. See specification chart in the right hand column for help with shock selection.

Application	Front	Rear
Camaro/Firebird		
1970-76	BILAK2072	BILAK1054
1977-81	BILAK1053	BILAK1054
Chevelle/Malibu/Monte Carlo/Regal/Cutlass		
1973-88	BILF4-BE3-F129-M1	BILF4-BE5-F132-M0
	BILF4-BE3-F130-M1	BILF4-BE5-F134-M0
	BILF4-BE3-F131-M0	BILF4-BE5-F135-M2
	BILF4-BE3-E249-M0	BILF4-BE5-C752-M2
	BILF4-BE3-C750-M2	BIL24-291699
	BILF4-BE3-C751-M2	BIL24-292658
Full Size Ford		
1979-93	BILAK1195	BILAK1196
Mustang (Exc. SVT)		
1987-93	BILAK1199	BILAK1198



AK Series Dirt Stock Car Shock Absorber Package BILF4-SE7-F565-M0

Designed for popular 1978-88 GM Metric chassis, package includes (7) AK Series shock absorbers, instructions, and recommended set-ups.



AK Series Shock Absorber Specifications

Part No.	Valving	Mounting Type	Extended Length	Compressed Length
Front Applications				
BILF4-BE3-E249-M0	358/219 Linear	T-Bar to Pin	13.46"	8.73"
BILF4-BE3-C750-M2	131/206 Digressive	T-Bar to Pin	13.46"	8.27"
BILF4-BE3-F129-M1	110/233 Digressive	T-Bar to Pin	13.46"	8.27"
BILF4-BE3-C751-M2	197/154 Digressive	T-Bar to Pin	13.46"	8.27"
BILF4-BE3-F130-M1	245/190 Digressive	T-Bar to Pin	13.46"	8.27"
BILF4-BE3-F131-M0	325/220 Digressive	T-Bar to Pin	13.46"	8.27"
Rear Applications				
BIL24-291699	254/141 Linear	T-Bar to Cantilever	20.28"	13.11"
BILF4-BE5-F132-M0	70/70 Digressive	T-Bar to Cantilever	20.28"	13.11"
BILF4-BE5-F134-M0	70/140 Digressive	T-Bar to Cantilever	20.28"	13.11"
BILF4-BE5-C752-M2	158/117 Digressive	T-Bar to Cantilever	20.28"	13.11"
BIL24-292658	—	T-Bar to Cantilever	20.28"	13.11"
BILF4-BE5-F135-M2	185/70 Digressive	T-Bar to Cantilever	20.28"	13.11"

Replacement Shock Absorber Components

Part No.	Description
BILE4-GL1-Z020A00	Monoball Bearing, for Shock Eye, ASN/SN/SL/SZ Series Shocks
BILE4-LG0-Z010A00	Replacement 36mm Rod End

SMX Series Monotube Non-Adjustable Shock Absorbers **NEW!**

Engineered for racing applications such as Factory Stocks, Street Stocks, etc. that require stock-mount shock absorbers, SMX series utilize 46mm monotube technology. Shocks are manufactured in the USA with top-quality, precision components, designed to provide fade-free performance and consistency. Choose from a variety of damping options, or as a dry kit when true custom valving is desired.

Part No.	Description	Extended Length	Compressed Length	Stroke	Rebound Damping	Compression Damping
Front Shock Absorber Applications						
BIL24-294904	GM "A"/"F" Body, Dry Kit	12.01"	8.27"	3.74"	N/A	N/A
BIL24-296717	GM "A"/"F" Body	12.01"	8.27"	3.74"	12	2
BIL24-296762	GM "A"/"F" Body	12.01"	8.27"	3.74"	10	3
BIL24-296786	GM "A"/"F" Body	12.01"	8.27"	3.74"	6	4
BIL24-296793	GM "A"/"F" Body	12.01"	8.27"	3.74"	8	4
BIL24-296830	GM "A"/"F" Body	12.01"	8.27"	3.74"	5	5
BIL24-296847	GM "A"/"F" Body	12.01"	8.27"	3.74"	3	5
BIL24-296854	GM "A"/"F" Body	12.01"	8.27"	3.74"	6	6
BIL24-296861	GM "A"/"F" Body	12.01"	8.27"	3.74"	3	6
Rear Shock Absorber Applications						
BIL24-294928	GM "A"/"F" Body, Dry Kit	21.01"	12.95"	8.06"	N/A	N/A
BIL24-296878	GM "A"/"F" Body	21.01"	12.95"	8.06"	3	3
BIL24-296885	GM "A"/"F" Body	21.01"	12.95"	8.06"	5	3
BIL24-296908	GM "A"/"F" Body	21.01"	12.95"	8.06"	4	4
BIL24-296922	GM "A"/"F" Body	21.01"	12.95"	8.06"	6	4
BIL24-296946	GM "A"/"F" Body	21.01"	12.95"	8.06"	5	5
BIL24-296991	GM "A"/"F" Body	21.01"	12.95"	8.06"	3	8
BIL24-297004	GM "A"/"F" Body	21.01"	12.95"	8.06"	1	9
BIL24-297035	GM "A"/"F" Body	21.01"	12.95"	8.06"	2	12
BIL24-297059	GM "A"/"F" Body	21.01"	12.95"	8.06"	2	14





Valving Kits

Each kit contains valve stacks for two each of eight popular valving.



Part No.	Description
BILB4-BOA-0000149	Linear Kit
BILB4-BOA-0000150	Digressive Kit

Nitrogen Fill Tool

BILB4-KT0-Z021A00

Tool aids the filling of nitrogen gas shock absorbers.



Shock Absorber Oil

BIL193031

Sold in one-gallon container.



Coil-Over Kits

Part No.	Description
BILB4-BOA-0000117	2-1/2" Coil-Over Kit, 46mm Shock Absorbers
BILB4-BOA-0000187	1-5/8" Coil-Over Kit, 1.875" Dia. (36mm) Shock Absorbers
BILB4-KT1-Z245A01	2-1/2" Coil-Over Kit, 2" Dia. ASN Series Shock Absorbers



Replacement Shock Absorber Components



Part No.	Description
BIL1000424	M8 x 1.0 Hex Nylock Nut for Piston Rod
BIL18-637	46mm Piston Band PTFE
BIL2522880	Exterior Shock Snap Ring
BILB4-BOA-0000119	46mm 1-Pc. Rod Guide Grooved with O-Ring
BILB4-B46-U160	46mm Aluminum Divider Piston with O-Ring
BILB4-LG0-Z043A01	Rod End Assembly, Forged Eyelet with 1/2" Graphite Heim, ASN, SN, SNS, XVS, AS2, SN2, SNS2-BV, XVA
BILB4-RK2-Z102A51	SZ Series Shock Tube/Body, 7"
BILB4-XD0-Z006A01	Schrader Valve Assembly, Chrome
BILE4-AK1-Z033A00	Piston, 8mm I.D., 46mm Digressive
BILE4-B46-26	46mm Internal Snap Ring
BILE4-GL1-Z020A00	Monoball Bearing for Shock Eye, ASN/SN/SL/SZ Series Shocks
BIL-LG0-Z043A01	Shock Eye for ASN/SN/SNS/SL/SZ/XVS Series Shocks
BILE4-BOA-0000440	Snap Ring for Shock Eye
BILE4-DIG-Z024A00	Divider Piston O-Ring
BILE4-DIG-Z026A00	46mm Rod Guide O-Ring
BILE4-FE1-Z011A01	46mm COB Check Plate for 8mm I.D. Piston
BILE4-FE6-Z003A03	46mm COB Check Spring for 8mm I.D. Piston
BILE4-KR2-X001A02	46mm PTFE Piston Band
BILE4-KS2-Z060A00	Replacement Shock Shaft, 7"
BILE4-KS2-Z060A19	Replacement Shock Shaft, 9"
BILE4-LG0-Z010A00	Replacement Rod End



Small Block Chevy 383 Cu. In./405 HP Crate Engine

Small block Chevy, 383 cu. in. stroker crate engine incorporates a one-piece rear main-style, 4-bolt block fitted with a 3.750" stroke cast crankshaft, OEM type 5.700" connecting rods with 150,000 PSI bolts, hypereutectic pistons, hydraulic roller camshaft, and OEM-type oil pan. Engine is topped with Vortec iron cylinder heads, new valve covers, and aluminum intake manifold. Available dressed engines include the addition of a 4bbl 750 CFM carburetor and distributor.

Part No.	Description
BPEBP3830CT1	Small Block Chevy 383 Cu. In./405 HP Crate Engine
BPEBP3830CTC1*	Small Block Chevy 383 Cu. In./405 HP Crate Engine, Dressed (1.94"/1.50" Valves) NEW!
BPEBP3830CTC1S	Small Block Chevy 383 Cu. In./405 HP Crate Engine, Dressed (2.02"/1.60" Valves) NEW!

* Includes balancer, long water pump, and spark plug wires.

383 Cu. In./405 HP Specifications	
Displacement	383
Bore x Stroke	4.040" x 3.750"
Horsepower	405
Torque, Ft./lbs.	440
Valve Lift	.487"/.503"
Camshaft Duration	234°/244° @ .050"
Valve Size	2.02"/1.60"
Compression Ratio	9.5:1



KYLE SANTORA

JIM DENHAMER

Small Block Chevy 383 Cu. In./430 HP 4bbl. Crate Engine

Small block Chevy engine utilizes a one-piece rear main seal-style, 4-bolt block fitted with a 3.750" stroke crankshaft, OEM-type 5.700" connecting rods with 150,000 PSI bolts, hypereutectic pistons, hydraulic roller camshaft, and OEM-style oil pan. Long block is finished with Blueprint aluminum cylinder heads with 2.02" intake and 1.60" exhaust valves and new chrome valve covers. Complete crate engine includes the addition of an aluminum intake 4bbl. 750 CFM carburetor and distributor.

Note: Engines listed do not include balancer, water pump, and flywheel/flexplate.

Part No.	Description
BPEBP38313CT1	Small Block Chevy 383 Cu. In./430 HP Long Block
BPEBP38313CTC1	Small Block Chevy 383 Cu. In./430 HP Crate Engine NEW!

383 Cu. In./430 HP Specifications	
Displacement	383
Bore x Stroke	4.040" x 3.750"
Horsepower	430
Torque, Ft./lbs.	450
Valve Lift	.528"/.536"
Camshaft Duration	221°/226° @ .050"
Valve Size	2.02"/1.60"
Compression Ratio	10.0:1

Small Block Chevy 383 Cu. In./420 HP Crate Engine

Small block Chevy, 383 cu. in. stroker engine includes a one-piece rear main-style, 4-bolt main block fitted with a 3.750" stroke cast crankshaft, OEM-style 5.700" connecting rods with 150,000 PSI bolts, hypereutectic pistons, hydraulic roller camshaft and OEM-style oil pan. Long block is topped with Blueprint aluminum cylinder heads with 2.02" intake and 1.60" exhaust valves and new valve covers. Complete crate engine includes the addition of an aluminum intake manifold, 4BBL 750 CFM carburetor and distributor.

Part No.	Description
BPEBP3834CT1	Small Block Chevy 383 Cu. In./420 HP Long Block
BPEBP3834CTC1	Small Block Chevy 383 Cu. In./420 HP Crate Engine NEW!

383 Cu. In./420 HP Specifications	
Displacement	383
Bore x Stroke	4.040" x 3.750"
Horsepower	420
Torque, Ft./lbs.	440
Valve Lift	.495"/.502"
Camshaft Duration	220°/224°
Valve Size	2.02"/1.60"
Compression Ratio	10.0:1

Small Block Chevy 355 Cu. In./390 HP Long Block

BPEBP35513CT1

Small block Chevy, 355 cu. in. engine features a one-piece rear main-style, 4-bolt block fitted with a cast crankshaft, OEM-style 5.700" connecting rods with 150,000 PSI bolts, hypereutectic pistons, hydraulic roller camshaft, and OEM-style oil pan. Block is topped with Blueprint aluminum cylinder heads with 2.02" intake and 1.60" exhaust valves, and new valve covers. Assembly is less intake manifold, balancer, carburetor, distributor, water pump, and flywheel/flexplate.

355 Cu. In./390 HP Specifications	
Displacement	355
Bore x Stroke	4.040" x 3.480"
Horsepower	390
Torque, Ft./lbs.	410
Valve Lift	.495"/.503"
Camshaft Duration	220°/224° @ .050"
Valve Size	2.02"/1.60"
Compression Ratio	10.0:1

Small Block Chevy 383 Cu. In./440 HP Long Block **NEW!**

BPEBP38316CT1

Small block Chevy, 383 cu. in. engine features a one-piece rear main-style, 4-bolt block fitted with a cast crankshaft, OEM-style 5.700" connecting rods with 150,000 PSI bolts, hypereutectic pistons, hydraulic roller camshaft, and OEM-style oil pan. Features Blueprint aluminum cylinder heads with 2.02" intake and 1.60" exhaust valves, and new valve covers. Assembly is less intake manifold, balancer, carburetor, distributor, water pump, and flywheel/flexplate.

383 Cu. In./440 HP Specifications	
Displacement	383
Bore x Stroke	4.040" x 3.750"
Horsepower	440
Torque, Ft./lbs.	445
Valve Lift	.536"/.555"
Camshaft Duration	224°/236°
Valve Size	2.02"/1.60"
Compression Ratio	8.5:1



BLAKE SPALDING

DAVID BISBEE

Small Block Chevy 396 Cu. In./ 491 HP Crate Engine **NEW!**

Small block Chevy, 396 cu. in.

engine is assembled using a one-piece rear main-style, 4-bolt block fitted with a 3.875" stroke forged steel crankshaft, forged steel I-beam 6.000" connecting rods, forged pistons, OEM-style oil pan and hydraulic roller camshaft. Long block is topped with Blueprint aluminum cylinder heads with 2.08" intake and 1.60" exhaust valves,

and new chrome valve covers. Complete crate engine includes the addition of an aluminum intake manifold, 4bbl 850 CFM carburetor and distributor.

Note: Engines listed do not include balancer, water pump, and flywheel/flexplate.



Part No.	Description
BPEBP3961CT	Small Block Chevy 396 Cu. In./491 HP Long Block
BPEBP3961CTC	Small Block Chevy 396 Cu. In./491 HP Crate Engine

396 Cu. In./491 HP Specifications

Displacement	396
Bore x Stroke	4.040" x 3.875"
Horsepower	491
Torque, Ft./lbs.	509
Valve Lift	.544"/.555"
Camshaft Duration	230°/236° @ .050"
Valve Size	2.08"/1.60"
Compression Ratio	10.4:1

Small Block Chevy 350 Cu. In./373 HP Long Block **BPEBP3503CT1**

Comprised of a one-piece rear main, 2-bolt block fitted with a cast crankshaft, OEM style 5.700" connecting rods, hypereutectic pistons, roller camshaft, and OEM-type oil pan. Block is topped with Vortec cast iron cylinder heads with 2.02" intake and 1.60" exhaust valves, and valve covers.

Engine is less balancer, carburetor, distributor, water pump, and flywheel/flexplate.

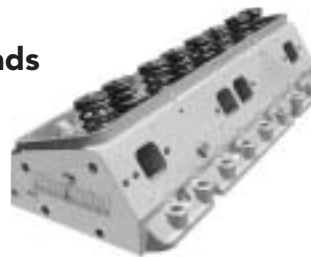


350 Cu. In./373 HP Specifications

Bore x Stroke	4.040" x 3.480"
Horsepower	373
Torque, Ft./lbs.	400
Valve Lift	.495"/.503"
Camshaft Duration	220°/224° @ .050"
Valve Size	2.02"/1.60"
Compression Ratio	9.3:1

Small Block Chevy Aluminum Cylinder Heads **BPEH8002K**

Affordable and lightweight, small block Chevy aluminum cylinder heads utilize 195cc intake ports, 75cc exhaust runners, and 64cc combustion chambers. Sold per pair, fully assembled with swirl-polished and undercut stem 2.02" intake and 1.60" exhaust valves, and high-performance valvetrain components. Designed and produced by Blueprint Engines.



Small Block Ford 306 Cu. In./370 HP Crate Engine

Fully dressed small block Ford crate engine features a cast-steel, 3.000" stroke crankshaft, upgraded 5.090" long connecting rods, hypereutectic 9.5:1 pistons and a hydraulic roller, high-performance camshaft. Engine is topped off with Blueprint aluminum cylinder heads, which include 190cc intake and 60cc exhaust ports, 2.02" intake and 1.60" exhaust valves. Long block assembly is less intake manifold, carburetor, and distributor. Dressed engine is fitted with an aluminum intake manifold, 4bbl carburetor, distributor, and oil pan. Drop-in ready version includes the addition of an air cleaner, spark plug wires, water pump, balancer, and mechanical fuel pump.



Part No.	Description
BPEBP3060CT	Small Block Ford 306 Cu. In./370 HP Long Block
BPEBP3060CTC	Small Block Ford 306 Cu. In./370 HP Crate Engine, Dressed NEW!
BPEBP3060CTCD	Small Block Ford 306 Cu. In./370 HP Crate Engine, Drop-In Ready NEW!

306 Cu. In./390 HP Specifications

Bore x Stroke	4.040" x 3.000"
Horsepower	370
Torque, Ft./lbs.	350
Valve Lift	.543"/.554"
Camshaft Duration	218°/226°
Valve Size	2.02"/1.60"
Compression Ratio	9.5:1



MICHAEL HAYNES

STEVE DATEMA



Small Block Ford 347 Cu. In./400 HP Crate Engine

Small block Ford crate engine features a seasoned, one-piece rear main, 2-bolt block fitted with a cast, 3.400" stroke crankshaft, forged I-beam 5.400" connecting rods, forged pistons, hydraulic roller camshaft and OEM-style oil pan. Long block assembly is less intake manifold, carburetor, and distributor. Dressed engine is fitted with an aluminum intake manifold, 4bbl 600 CFM carburetor, distributor, and oil pan.

Note: Engines listed do not include balancer, water pump, and flywheel/flexplate.



Part No.	Description
BPEBP3474CT	Small Block Ford 347 Cu. In./400 HP Long Block
BPEBP3474CTC	Small Block Ford 347 Cu. In./400 HP Crate Engine, Dressed NEW!

347 Cu. In./400 HP Specifications

Bore x Stroke	4.040" x 3.400"
Horsepower	400
Torque, Ft./lbs.	415
Valve Lift	.543"/.554"
Camshaft Duration	218°/226° @ .050"
Valve Size	2.02"/1.60"
Compression Ratio	10.0:1

Small Block Ford 408 Cu. In./425 HP Long Block BPEBPF4088CT

Small block Ford long block includes a one-piece rear main style, 2-bolt block assembled with a cast crankshaft, forged I-beam 6.000" connecting rods, hypereutectic pistons, roller camshaft, and OEM oil pan. Block is finished with BluePrint aluminum cylinder heads with 2.02" intake and 1.60" exhaust valves, and valve covers. Engine is less balancer, intake manifold, water pump, carburetor, distributor, and flywheel/flexplate.

Note: Requires 28 oz. external balance.



408 Cu. In./425 HP Specifications

Bore x Stroke	4.040" x 4.000"
Horsepower	425
Torque, Ft./lbs.	455
Valve Lift	.543"/.554"
Camshaft Duration	218°/226°
Valve Size	2.02"/1.60"
Compression Ratio	9.8:1

Small Block Ford 408 Cu. In./425 HP Crate Engine

NEW! BPEBPF4088CTC

Fully assembled, small block Ford crate engine is assembled using a seasoned, one-piece rear main seal, two bolt main block and fit with a 4.000" stroke cast crankshaft, forged I-beam steel connecting rods, forged pistons and a hydraulic roller camshaft. Block is topped with BluePrint aluminum cylinder heads that use 2.02" intake and 1.60" exhaust valves, aluminum intake manifold, chrome valve covers, distributor, and 4bbl carburetor.

Note: Engines does not include balancer, water pump and flywheel/flexplate.

408 Cu. In./425 HP Specifications

Bore x Stroke	4.040" x 4.000"
Horsepower	425
Torque, Ft./lbs.	455
Valve Lift	.543"/.554"
Camshaft Duration	218°/226°
Valve Size	2.02"/1.60"
Compression Ratio	9.8:1



XR-1 Sportsman Round Muffler

Satisfies the muffler needs for most racing. Lightweight, compact stainless steel mufflers have the highest flow in their class. Perfect for limited spaces.

Part No.	In	Out	Body Dimensions
BOR40085	3"	3"	5" Dia. x 15"L
BOR40086	3-1/2"	3-1/2"	5" Dia. x 15"L

XR-1 Sportsman Muffler

Borla's #1 selling race muffler. Lightweight, compact high-flowing stainless steel muffler satisfies most racing requirements at a competitive price and works equally well on gasoline or alcohol cars.



Part No.	In	Out	Body Dimensions
BOR40942	2-1/2"	2-1/2"	4-1/2"H x 7-7/8"W x 16"L
BOR40943	3"	3"	4-1/2"H x 7-7/8"W x 16"L
BOR40944	3"	3"	4-1/2"H x 7-7/8"W x 16"L
BOR40945	3-1/2"	3-1/2"	4-1/2"H x 7-7/8"W x 16"L
BOR40946	3-1/2"	3-1/2"	4-1/2"H x 7-7/8"W x 16"L

Dirt Late Model Muffler BOR40004S

100% stainless, all-welded muffler weighs less than 6 lbs. and has a straight-through 3-1/2" in/out core. Core measures 8" long x 5-1/4" wide x 5-1/4" high.



Billet Steel Steering Universal Joints

Needle-bearing universal joints are more durable than stock joints. Universal joints listed are single-bearing design.



Part No.	Box/Column	Shaft	Part No.	Box/Column	Shaft
BRG011864	5/8"-36	3/4"	BRG013440	3/4"-36	13/16"-36
BRG013164	3/4"-30	3/4"	BRG014334	1"-48	3/4"-36
BRG013431	3/4"-36	3/4"-30	BRG016464	3/4"	3/4"
BRG013434	3/4"-36	3/4"-36			



BOSCH NEW VENDOR!

Bosch Motorsports Spark Plugs

High-performance CEO Racing spark plugs feature a virtually indestructible one-piece, stamped-ground electrode, which enables them to withstand higher temperatures and vibrations when compared to conventional racing plugs. Well suited to engines with 600 to in excess of 1,000 horsepower, the "cold" design additionally helps to optimize performance.

Please see the spark plug chart on page 841 for applications.



Standard Elbows Expanded on One End



Part No.	Description
BOYLR3030E	3" 30° Long Radius
BOYSR3030E	3" 30° Short Radius
BOYLR3045E	3" 45° Long Radius
BOYSR3045E	3" 45° Short Radius
BOYLR3060E	3" 60° Long Radius
BOYSR3060E	3" 60° Short Radius
BOYLR3090E	3" 90° Long Radius
BOYSR3090E	3" 90° Short Radius
BOYLR3530E	3-1/2" 30° Long Radius
BOYSR3530E	3-1/2" 30° Short Radius
BOYLR3545E	3-1/2" 45° Long Radius
BOYSR3545E	3-1/2" 45° Short Radius
BOYLR3560E	3-1/2" 60° Long Radius
BOYSR3560E	3-1/2" 60° Short Radius
BOYLR3590E	3-1/2" 90° Long Radius
BOYSR3590E	3-1/2" 90° Short Radius

Note: Bends on short radius elbows will nest inside bends on long radius elbows.



NEW VENDOR!

Universal Car Fire Extinguisher Bracket BRTUFEB1317/D

Innovative, seat mount bracket provides a quick, secure solution to mount a fire extinguisher in most modern and classic passenger cars, and commercial vehicles. Fully adjustable bracket installs in nearly any vehicle, allowing quick, easy extinguisher access in the event of a fire.

Note: Compatible with H3R HG250, Amerex B417T or B385TS, Kidde* 408-466727, FA110 or FA5G, or any 2- to 2.5-lb. extinguishers featuring a supplied cradle with hole spacing of 4-1/4", 4-5/8" or 5" center-to-center.



Oval Track Exhaust Systems

Fig.	Part No.	Description
3-1/2" Exhaust System Components		
A	BOYOTP3536E	36" Long Oval Transition Pipe. Converts 3-1/2" Collector Tube to Oval Pipe Section. 3-1/2" End Is Expanded for Slip Fit. Oval Section Is 2-1/2" x 4" x 23" L.
B	BOYOSR3590	90° Oval Tailpipe Elbow
B	BOYOSR3560	60° Oval Tailpipe Elbow
B	BOYOSR3545	45° Oval Tailpipe Elbow
B	BOYOSR3530	30° Oval Tailpipe Elbow
C	BOYOP3524	24" Oval Pipe Section
C	BOYOP3536	36" Oval Pipe Section
D	BOYOP3536LR60	36" Oval Tailpipe with Long Radius 60° Turnout and 24" Straight Section
E	BOYOP3536SR60-2	36" Oval Tailpipe with Short Radius 60° Turnout and 24" Straight Section
3" Exhaust System Components		
A	BOYOTP3036E	36" Long Oval Transition Pipe. Converts 3" Collector Tube to Oval Pipe Section. 3" End Is Expanded for Slip Fit. Oval Section Is 2-1/4" x 3-1/2" x 23" L.
B	BOYOSR3090	90° Oval Tailpipe Elbow
B	BOYOSR3060	60° Oval Tailpipe Elbow
B	BOYOSR3045	45° Oval Tailpipe Elbow
B	BOYOSR3030	30° Oval Tailpipe Elbow
C	BOYOP3024	24" Oval Pipe Section
C	BOYOP3036	36" Oval Pipe Section
D	BOYOP3036LR60	36" Oval Tailpipe with Long Radius 60° Turnout and 24" Straight Section
E	BOYOP3036SR60	36" Oval Tailpipe with Short Radius 60° Turnout and 24" Straight Section
4" Exhaust System Components		
A	BOYOTP4036E	36" Long Oval Transition Pipe, Round to Oval NEW!
C	BOYOP4036	36" Oval Pipe Section NEW!
C	BOYOP4060	60" Oval Pipe Section NEW!
Crossover Tubes		
F	BOYCT3018A	3" Crossover Tube Assy. Fits 3", 3-1/4" or 3-1/2" Collectors on 25" Centers or Less

No-Weight Racing Batteries

Enhanced Mat Technology and calcium full-frame powerpath grids deliver the highest energy-to-weight levels in the industry. Designed specifically for a racing environment, AGM-style 12-volt batteries use high-density oxide for true deep-cycling and the heavy-duty, vibration-resistant power posts will not crack or deteriorate. Choose from batteries with conventional or advanced, carbon composite/polymer plastic cases. Lightweight aluminum battery mounts are also available.

Standard Part No.	Carbon Composite Part No.	Weight lbs.	Dimensions (L x W x H)	Pulse Cranking Amps	Cranking Amps @ 32°F	Cold Cranking Amps @ 0°F	Mount Part No.
BRBB106	—	6.6	5.8" x 3.4" x 4.1"	527	283	210	BRB1018
BRBB129	—	9.5	5.8" x 3.4" x 5.1"	813	436	323	BRB1218
BRBB14115	—	11.5	5.8" x 3.4" x 5.8"	904	486	360	BRB1418
BRBB2015	—	15	6.8" x 3.4" x 6.1"	1067	574	425	BRB2018
BRBB2317	—	17	6.8" x 4" x 6.1"	1191	641	475	BRB2318
BRBB2317RP*	—	17	6.8" x 4" x 6.1"	1191	641	475	BRB2318
BRBB3121	BRBB3121	21	6.6" x 5.2" x 6.8"	1380	742	550	BRB3118



* Battery includes right-side positive terminals, which allows for side-by-side configuration when used with BRBB2317.

Lithium-Ion Racing Batteries

Lighter, more powerful, and increased efficiency. Offered in 12- or 16-volt versions, lithium-ion batteries are over 50% lighter than traditional batteries, yet offer superior cranking power. Batteries provide increased, cleaner voltage for improved performance of electrical system components. 16-volt batteries may be purchased separately, or complete with battery charger.



Battery Part No.	Battery & Charger Part No.	Description	Weight	Dimensions (L x W x H)	Pulse Cranking Amps	Lithium Amp Hour
BRBG30	BRBG30C	12-Volt Battery	6.4 lbs.	7.68" x 5.13" x 7.13"	947	39
BRBB168L	BRBB168LC	16-Volt Battery	9 lbs.	10" x 3.25" x 6"	2325	60
BRBB169L*	BRBB169LC*	16-Volt Battery	9 lbs.	10" x 3.25" x 6"	950	75

* Circle track racing specific battery.

Battery Chargers

The safe way to extend the life of Braille batteries. 12- and 16-volt battery chargers are offered for AGM or lithium-ion batteries. Sold complete with alligator clamps and quick-disconnect leads.



Part No.	Description
BRB1232	12-Volt AGM 2-Amp Battery Charger
BRB1236L	12-Volt Lithium-Ion 6-Amp Battery Charger
BRB1636L	16-Volt Lithium-Ion 6-Amp Battery Charger
BRB12310	12-Volt AGM 10-Amp Battery Charger
BRB12310L	12-Volt Lithium-Ion 10-Amp Battery Charger
BRB12325L	12-Volt Lithium-Ion 25-Amp Battery Charger
BRB16325L	16-Volt Lithium-Ion 25-Amp Battery Charger

NEW VENDOR!

OEM Replacement Backup Cameras

OEM replacement backup camera integrates with the factory display. Once the truck is placed in reverse, the camera displays a complete view of everything behind the vehicle through a high-resolution camera. Includes replacement bezel with integrated OEM color camera and chassis wiring harness.



Part No.	Description
BRD1008-6509	2009-17 Ford F-150/Super Duty/Flex
BRD1009-6503	2009-18 Dodge Ram 1500;
	2010-18 Dodge Ram Heavy-Duty Pickup
BRD9002-6511	2015-19 Ford F-150, OEM Tailgate Handle Camera

Backup Camera with Factory Tailgate Harness

Designed for applications where it's desired to replace the tailgate without losing the benefits of the backup camera. Kit includes license plate-mount backup camera and wiring harness. Simply plug in the factory-fit connector to retain the rear vision system.



Part No.	Description
BRD9002-7440	2011-16 Ford Super Duty
BRD9002-7448	2016-18 Chevrolet Silverado/GMC Sierra
BRD9002-7452	2017-19 Ford Super Duty
BRD9002-7453	2017-18 Dodge Ram
BRD9002-7548	2016-18 Chevrolet Silverado/GMC Sierra, with Bullet-Mount Backup Camera
BRD9002-7552	2017-19 Ford Super Duty, with Bullet-Mount Backup Camera

Rear Vision Systems

Add safety and quality backup protection to vehicles that were not fitted or available with a backup camera from the OEM. Available third-brake-light cameras are ideal for trucks towing a fifth wheel trailer. Each unit is sold complete with OEM-grade color rear view camera and wiring harness.



Part No.	Description
BRD9002-7601	Universal Dual-Mount Camera, Installs behind License Plate or Any Flat Surface
BRD9002-8847	Jeep Wrangler, Works with Any Wheel and Factory Radio Display
BRD9002-9560	2007-13 Chevrolet Silverado/GMC Sierra, Tailgate Handle Camera
BRDFTW-7614	2004-14 Ford F-150/Super Duty/Sport Trac, Tailgate Handle Camera
BRDFTW-7626	2009-18 Dodge Ram 1500; 2010-18 Dodge Ram Heavy-Duty, Third Brake Light Cargo Camera
BRDFTW-7629	1999-2016 Ford F-250; 2011-16 Ford F-350, Third Brake Light Cargo Camera

LCD Display Mirrors

Special LCD display mirror offers the driver a view from the installed backup camera. Once the vehicle is placed into reverse, the display automatically activates.



Part No.	Description
BRDFTW-7690	4.3" LCD Display Mirror
BRDFTW-7692	7.3" LCD Display Mirror, Includes Three Camera Inputs
BRDFTW-7695	4.3" LCD Display Mirror, GM OnStar Compatible

FullVUE Rear Camera Mirror

BRDFVMR-1000

Versatile, safety, and convenience aid replaces the existing rear view mirror with a live streaming, full HD video screen that delivers a crisp, clear view without obstructions of passengers or cargo.



Radar Blind Spot System with Cross-Traffic Detection



Radar-based blind spot monitoring and detection system uses CAN data to accurately obtain vehicle speed. Sold complete with necessary sensor mounting brackets.

Part No.	Description
BRDRDBS-1500	Radar Blind Spot System with Cross-Traffic Detection, Universal Fit, 2007-Up Models
BRDRDBS-1520	Radar Blind Spot System with Cross-Traffic Detection, 2015-20 Ford F-150

Universal 4-Sensor Parking Sensor Systems

Used to avoid common backup accidents, parking sensor systems provide an audible alert that gets faster as distance to objects decreases while a digital distance readout is displayed on the included LED display. Sensors mount with specially-designed rubber insulators and special angle mounts that work on all vehicle types. Sensors are black and easily paintable.



Part No.	Description
BRD9002-3000	Universal 4-Sensor Rear Parking Sensor System, 25' or Less Wheelbase
BRD9002-3003	Universal 4-Sensor Switchable Front or Rear Parking Sensor System, 30' or Less Wheelbase

Wireless Charger Retrofit Repair Kits

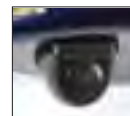
System utilizes inductive charging technology to allow a Smartphone to charge without connection. Ideal for use in vehicles where the charger is not compatible with iPhone 8 or newer devices.



Part No.	Description
BRDFDMC-1285	GM Wireless Charger Retrofit Repair Kit, 2015-18 GM Vehicles
BRDFDMC-1310	FreedomCharge MAX Qi Wireless Charging Kit, Universal Cut-to-Fit for Vehicle Phone Storage Area

Universal Snap-In Lip Mount Camera BRDFTW-7603

Economically priced, high-quality aftermarket camera offers superior picture quality.



Predator Transmission BRI70600

Features the lowest rotating weight of any transmission currently available. Patented two-speed unit weighs just 45 lbs. and is a direct replacement for Muncie or Borg-Warner transmissions. Gun drilled input and output shafts provide internal weight reduction, while all critical components have been cryogenically treated for added strength. Unit uses a lightweight internal clutch that eliminates the need for any external clutch assembly and reverse uses the existing gear train, eliminating the need for internal chains or belts. Popular SAE 10-tooth input and 27-tooth output shafts simplify transmission swaps. Unit has 1.68:1 first and 1.78:1 reverse gear ratios.

Part No.	Description
BRI70630	Shifter Assembly
BRI70631	Shift Pattern Plate
BRI70641	Rebuild Kit
BRI71615	Rest Button
BRI72605	Main Case
BRI72622	Shifter Assembly, Internal
BRI72624	Output Housing Assembly
BRI72626	Planetary Gear Assembly
BRI73633	Piston Assembly
BRI74602	Output Shaft
BRI74636	Input Shaft

Note: Brinn RT-1 transmission fluid is the only fluid recommended for this transmission.



RT-1 Transmission Fluid

The only fluid recommended by Brinn for the Predator transmission. Sold in 500 ml bottles, one-gallon containers, or cases of (12) 500 ml bottles.

Part No.	Description
BRI70651	RT-1 Transmission Fluid, Case of (12) 500 MI Bottles
BRI70652	RT-1 Transmission Fluid, (1) 500 MI Bottle
BRI70659	RT-1 Transmission Fluid, (1) Gallon





Late Model Transmissions



Transmissions are 2-speed with reverse and an internal clutch. The input and output shafts are gun drilled to reduce rotating weight and the low-speed gear and reverse idler are not meshed in direct drive. The output spline length is 6" and the overall length is 22", identical to Muncie or Borg-Warner units. Use any two-lever shifter and Valvoline 20W50 (VAL822347-C) Racing Oil or GM Dexron III (VAL798153-C) ATF.

Part No.	Description
BRI70001	Original Aluminum Transmission, 49 lbs.
BRI70010	Original Magnesium Transmission, 44 lbs.

Popular Replacement Parts

BRI70041	Original Transmission Rebuild Kit
BRI70046	Clutch Assembly Wire Tool, Eases Transmission Assembly
BRI71022	Retaining Ring
BRI71040	Rear Bushing and Seal
BRI72024	Tailhousing Assembly, Complete with Bushing and Seal
BRI73003	Inside Shift Lever

Dirt Bellhousings

Lightweight magnesium housings have provisions for mounting dry sump pump at top and include idler assembly. Starter and flywheel sold separately.

Part No.	Description
BRI79099	Chevy Bellhousing
BRI79100	Ford Bellhousing

Bellhousing Service Parts

BRI79051	Idler Shaft
BRI79052	Plate
BRI79064	Belt Retainer
BRI79066	Idler Gear Bushing
BRI79069	Spring
BRI79075	Starter Shim
BRI79081	Ring Gear
BRI79091	Idler Gear with Bushing



[BRI79099](#)

Asphalt Bellhousing

[BRI79104](#)

Lightweight magnesium bellhousing weighs just 11.2 lbs. and accommodates left-side mounting of dry sump oil pump. Crankshaft centerline to the bottom of the bellhousing is just 4.25" for excellent ground clearance. Includes the idler assembly. Engineered for use with a 40-tooth HTD-style pulley and 720mm HTD belt. Starter, flywheel, and drive flange are sold separately.

Note: Requires use of a reverse mount starter and 1/4" thick motor plate.



Pro 2.0 Transmission Rebuild Kit [BRI70047](#)

Designed for rebuilding Brinn Pro 2.0 transmissions, kit is complete with clutches, steels, front bearing, front and rear oil seals, pilot bushing, rear bushing, retaining ring, and necessary O-rings.



Drive Flanges

A variety of drive flanges are available in steel and lightweight aluminum versions for most popular engines.

Part No.	Description
BRI73018	Steel Drive Flange, Early Chevy, 2-Pc. Rear Main Seal
BRI73032	Aluminum Drive Flange, Early Chevy, 2-Pc. Rear Main Seal
BRI73033	Aluminum Drive Flange, Ford
BRI73055	Aluminum Drive Flange, Late Chevy, 1-Pc. Rear Main Seal
BRI73056	Steel Drive Flange, Late Chevy, 1-Pc. Rear Main Seal



[BRI73018](#)

Extra-Long Trans Yoke [BRI74038](#)

6-inch-long yoke is a must in severe movement applications. Uses 1330 series (3-5/8") U-Joint.



Flywheels

Lightweight HTD (Round Tooth) flywheels, in steel and aluminum versions.

Part No.	Description
BRI79070	Chevy Steel HTD
BRI79073	Ford Steel HTD
BRI79084	Chevy Aluminum HTD
BRI79087	Ford Aluminum HTD
BRI79111	Chevy 1986-Up Steel, Internally Balanced, 22T
BRI79130	Chevy 1986-Up Steel, Externally Balanced, 22T
ARP230-7306	Crankshaft-to-Coupler Fasteners, (6)



[BRI79070](#)

Flywheel Bolt Kits

Part No.	Description
BRI79134	SB Chevy, 1986-Up
BRI79142	SB Ford



High Torque Starters

Durable billet aluminum mounting flange adapts starter to Brinn bellhousings. Weighs just 8 lbs.

Part No.	Description
BRI79060	Brinn High-Torque Starter
ALL80530	Allstar Performance Starter

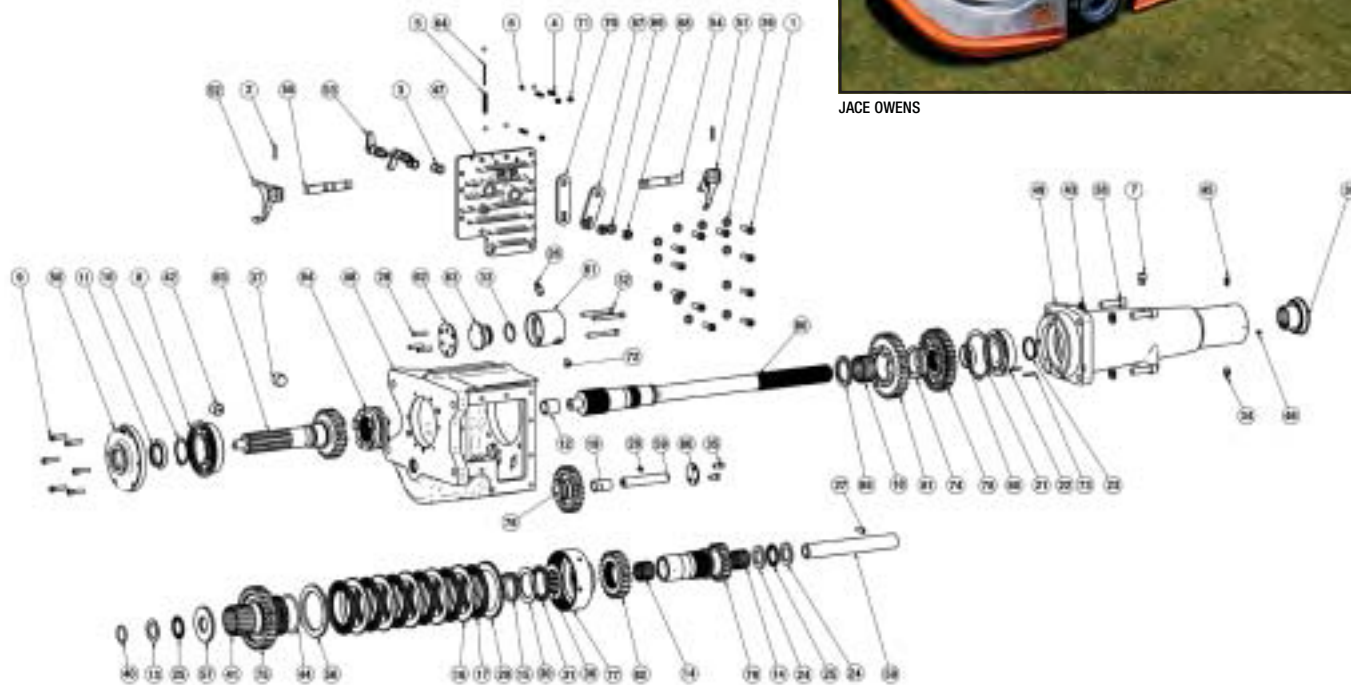




BRI70001 or BRI70010 Original Transmission Exploded Assembly



JACE OWENS



Detail	Part No.	Description	Qty.
1	BRI71001	5/16"-18 x 7/8" SHCS	11
3	BRI71003	O-Ring, 10.5mm x 3.0	4
6	BRI71006	Lockout Detent Ball	5
7	BRI71007	Vent Assembly	1
8	BRI71008	Bearing	1
9	BRI71009	1/4"-20 x 1" SHCS	6
10	BRI71010	Retaining Ring	1
11	BRI71011	Oil Seal	1
12	BRI71012	Machined Bushing	1
13	BRI71013	Thrust Washer (.060"-.063" Thick)	1
14	BRI71015	Cage Bearing	2
15	BRI71016	Clutch Return Spring	1
16	BRI71017	Steel Clutch Pressure Disc	5
17	BRI71018	Metallic Friction Disc	6
18	BRI71019	Cage Bearing	1
20	BRI71021	Rear Clutch Disc (.183" Thick)	1
21	BRI71022	Retaining Ring	1
22	BRI71023	Bearing	1
23	BRI71024	Retaining Ring	1
24	BRI71025	Thrust Washer (.154"-.157" Thick)	2
25	BRI71026	Needle Thrust Bearing	2
26	BRI71027	Bleeder Assembly	1
28	BRI71030	Clutch Actuator Pin	3

Detail	Part No.	Description	Qty.
30	BRI71032	Thrust Washer (.092"-.095" Thick)	2
31	BRI71033	Needle Thrust Bearing	1
33	BRI71035	Clutch Piston O-Ring	1
40	BRI71046	O-Ring	1
41	BRI71049	Cage Bearing	1
42	BRI71059	Magnetic Drain Plug	1
44	BRI71063	O-Ring, 70 Durometer Nitrile	1
47	BRI72001	Cover Shift Plate	1
48	BRI720028	Main Case (Aluminum)	1
49	BRI72003	Output Housing (Aluminum)	1
50	BRI72004	Front Retainer	1
52	BRI73002	High/Low Shift Fork	1
53	BRI73003	Shift Lever	2
56	BRI73007	Forward Clutch Ring	1
57	BRI73009	Thrust Race Intermediate Shaft	1
58	BRI73010	Guide Shaft	1
61	BRI73013	Piston Cap	1
67	BRI73021	Reverse Lever	1
70	BRI73024	High/Low Lever	1
75	BRI74002	Input Mesh Gear Driven	1
80	BRI74010	Output Shaft	1
83	BRI74020	Input Shaft	1
84	BRI74021	High/Low Dog Ring	1

Dragon Slayer Series SB Chevy 23° Cylinder Heads

Dragon Slayer series aluminum cylinder heads deliver over 300 CFM of air flow at .600" lift, yet remain compatible with standard small block Chevy 23° rocker arms, lifters, and intake manifold. Heads include 225cc intake runners and CNC-ported 64cc or 68cc combustion chambers. All heads are sold in pairs, fully assembled or as bare castings. Assembled heads feature stainless steel 2.080" intake and 1.600" exhaust valves, competition valve job, 1.550" roller or flat tappet valve springs, 10° chrome moly valve spring retainers, jumbo valve locks, and seals.



Part No.	Description	Intake Runner	Exhaust Pattern	Comb. Chamber	Plug Type	Intake Valve	Exhaust Valve	Max. Lift
BRO1320000	Bare	225cc	Std.	68cc	Angle	N/A	N/A	N/A
BRO1321000	Assembled	225cc	Std.	68cc	Angle	2.080"	1.600"	.600"
BRO1321001	Assembled	225cc	Std.	68cc	Angle	2.080"	1.600"	.700"
BRO1321003	Assembled	225cc	Std.	64cc	Angle	2.080"	1.600"	.700"

IK Series SB Chevy Cylinder Heads

Ideal for hobby stock racing, IK Series 23° aluminum cylinder heads combine performance and value. Available in 180 or 200cc intake port versions with 64cc or 70cc combustion chambers, aluminum heads have phosphorous bronze valve guides, straight spark plugs, ductile iron valve seats, and are compatible with accessory mounting. All heads are sold in pairs, fully assembled or as bare castings. Bare heads require valve job, porting, and valve train components.



Part No.	Description	Intake Runner	Exhaust Pattern	Comb. Chamber	Plug Type	Intake Valve	Exhaust Valve
BRO1020000	Bare	200cc	Std.	64cc	Straight	N/A	N/A
BRO1021000*	Assembled	200cc	Std.	64cc	Straight	2.020"	1.600"
BRO1021001†	Assembled	200cc	Std.	64cc	Straight	2.020"	1.600"
BRO1021002*	Assembled	180cc	Std.	70cc	Straight	2.020"	1.600"
BRO1021004*	Assembled	180cc	Std.	64cc	Straight	2.020"	1.600"
BRO1021005†	Assembled	180cc	Std.	64cc	Straight	2.020"	1.600"

*1.250" dia. valve spring. †1.470" dia. valve spring.

Track 1 SB Chevy Cylinder Heads

Track 1 23° aluminum heads deliver economical out-of-the-box horsepower and are available bare or assembled. Assembled heads have blended bowls, matched ports, a performance valve job, 2.08" x 1.60" stainless valves, bronze guides, 7/16" screw-in studs, 5/16" guide plates, 1.550" dia. roller valve springs, 10° steel retainers and valve locks. Track 1 STS and KC CNC-ported heads are fitted with titanium retainers. Bare heads require valve job, porting, and valve train components. All heads are sold in pairs.

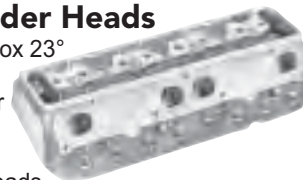


Part No.	Description	Intake Runner	Exhaust Pattern	Comb. Chamber	Plug Type	Int. Valve	Exh. Valve
BRO1001001	Assembled, Track 1	221cc	Std.	67cc	Angle	2.080"	1.600"
BROSPSTST1STD227-SSPE*	Assembled, Track 1	227cc	Std.	64cc	Angle	2.080"	1.600"
BRO1008104	Assembled, KC Track 1	227cc	Std.	68cc	Angle	2.080"	1.600"

*Spec. cylinder head for SSPE (Southern Super Parts Engine Series) Asphalt Late Models.

11 SP X SB Chevy Cylinder Heads

The best performing out-of-the-box 23° heads offered by Brodix. Available with spread exhaust ports, cylinder heads are recommended for 400+ cu. in. engines or smaller engines turning in excess of 7200 RPM. Heads require a special stud girdle, longer pushrods, and the piston/valve spacing must be checked because of the 40/60 valve arrangement. Spring pockets may not be cut any deeper or any larger than 1.550". Valve length is 5.065". The head is milled and drilled for accessory mounting. The intake ports are not raised. Sold in pairs.



Part No.	Description	Intake Runner	Exhaust Pattern	Comb. Chamber	Plug Type	Intake Valve	Exhaust Valve
BRO1110002	Bare, 11 SP X/ASCS	215cc	SP	67cc	Angle	2.080"	1.600"

Cylinder Head Accessories and Replacement Components

Part No.	Description
BROBH.54511/32PLI	11/32" Valve Guide, .545" O.D., .340" I.D., 3.000" Long
BROBH.56511/32P	11/32" Valve Guide, .565" O.D., .340" I.D., 2.420" Long
BROBR60001	1.600" Exhaust Valve, 11/32" x 4.940" Long (Stock), Steel
BROBR60029	2.080" Intake Valve, 11/32" x 5.065" Long (+.100"), Steel
BROBR60030	1.600" Exhaust Valve, 11/32" x 5.065" Long (+.100"), Steel
BROBR60044	1.600" Exhaust Valve, 11/32" x 5.440" Long (+.100"), Steel
BROBR60130	1.600" Exhaust Valve, 11/32" x 5.115" O.A.L. (+.150"), Steel
BROBR60415	2.150" Intake Valve, 11/32" x 5.440" Long (+.100), Steel
BROBR60154	1.625" Exhaust Valve, 11/32" x 5.540" Long (+.200), Steel
BROBR81019	2.080" Intake Valve, 11/32" x 4.965" Long (Stock), Steel
BROBR81021	1.600" Exhaust Valve, 11/32" x 4.965" Long (Stock), Steel
BROBR60130	1.600" Exhaust Valve, 11/32" x 5.115" O.A.L. (+.150"), Steel
BROBR81022	1.600" Exhaust Valve, 11/32" x 5.015" O.A.L. (+.050"), Steel
BROMG1800	SB Chevy Intake Gasket, 18° with 10° Intake Face, 1.400" x 2.280"
BROP1.6503/8LID	Exhaust Valve Seat, 1.650" O.D., 1.385" I.D., .375" Deep, Ductile Iron
BROP2-1315/16LID	Intake Valve Seat, 2.131" O.D., 1.845" I.D., .312" Deep, Ductile Iron
BROP2.2505/16	Intake Valve Seat, 2.250" O.D., 1.810" I.D., .312" Deep, Ductile Iron
BROSH.54511/32PL	11/32" Valve Guide, .545" O.D., .340" I.D., 2.250" Long, Phosphorous
BROSH.5455/16P	11/32" Valve Guide, .545" O.D., .309" I.D., 2.000" Long, Phosphorous
BROSH545-11/32P	11/32" Valve Guide, .545" O.D., .345" I.D., 2.000" Long, Phosphorous
BROSH565-11/32P	11/32" Valve Guide, .565" O.D., .340" I.D., 2.000" Long, Phosphorous
BROBH.5453/8P	11/32" Valve Guide, .545" O.D., .372" I.D., 2.375" Long, Phosphorous
BROSH.54511/32P	11/32" Valve Guide, .545" O.D., .340" I.D., 2.000" Long, Phosphorous
BROSHC.54511/32M	11/32" Valve Guide, .545" O.D., .340" I.D., 2.000" Long, Manganese
BROBH.5453/8P	11/32" Valve Guide, .545" O.D., .372" I.D., 2.375" Long, Phosphorous
BROBR5160	5/16" Pushrod Guide Plate, Each
BROCO3250	18X Exhaust Gasket
BROHK2081550S	SB Chevy Parts Kit, 2.080"/1.600" Valves
BROMG1900	SB Chevy Valve Cover Gaskets, Brodix Canted Valve, Each
BROUSVS485V	11/32" Valve Stem Seal, .485" Guide Dia.
BROUSVS529V	11/32" Valve Stem Seal, .531" Guide Dia.

SB Chevy Intake Manifolds

BROBM1000

BM1000 features an exclusive plenum design, and offers up to 15 more horsepower when compared to previous manifolds. High-flowing, lightweight cast 4-barrel manifold has a 4150 flange and is compatible with all Brodix 23° heads. Manifold has a 5.750" height and uses Fel-Pro race gasket FEL1206.



BROHV1000

Open-plenum 4-barrel manifold for stock intake port location. 6.225" height. Use Fel-Pro race gasket FEL1206.



Note: All intake manifold dimensions are measured from the bottom of the end rail to the top of the carburetor base.



SB Chevy Valve Covers

BROVC102

Tall, cast aluminum valve covers have Brodix logo. Include studs, nuts, and gaskets.



SB Chevy Cast Iron Blocks

Brodix offers small block Chevrolet compatible cast iron blocks to enhance your racing program. Proudly made in the USA, these blocks feature premium iron alloy, priority main oiling, a choice of a 4.000" or 4.125" bore size, as well as numerous other features. These new blocks will offer you another affordable option for your racing needs.



Part No.	Description	Bore	Mains	Lifter Bore	Deck Height	Main Cap
BROBRS400035842S	SBC Block, Siamese Bore	4.000"	350	.842"	9.025"	4-Bolt
BROBRS400035842W	SBC Block, Wet Bore	4.000"	350	.842"	9.025"	4-Bolt
BROBRS412535842S	SBC Block, Siamese Bore	4.125"	350	.842"	9.025"	4-Bolt
BROSK-BLOCK-SB-CI *	Block Parts Kit					

* Plugs, Dowel Pins, Restrictors, and Cam Bearings Kit.



Pro Series Aluminum Jacks

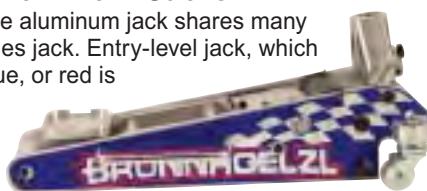
Billet aluminum Pro Series jack has been used by the winners of the Rockingham Pit Crew Championship. Hand assembled and tested prior to shipment. Choice of one or three pump versions in black or red. Jack handle must be purchased separately.



Description	Black Part No.	Red Part No.
1-Pump Pro Series Jack	BRU004BK	BRU004RD
3-Pump Pro Series Jack	BRU006BK	BRU006RD

Warrior Series Aluminum Jacks

Lightweight, affordable aluminum jack shares many features of the Pro Series jack. Entry-level jack, which is available in black, blue, or red is designed for teams requiring pit stops. Jack handle sold separately.



Black Part No.	Blue Part No.	Red Part No.
BRU002BK	BRU002BL	BRU002RD

Jack Handles and Accessories

Part No.	Description
BRU165*	Warrior Jack Handle, 40" Long x 1.300" Dia. Aluminum
BRU166*	Pro Series Jack Handle, 40" Long x 1.375" Dia. Aluminum
BRU167*	Pro Series Jack Handle, 48" Long x 1.375" Dia. Chrome Moly Steel
BRU184	Dirt Wings, Stabilizes Jack On Uneven Ground
BRU139	Jack Return Spring, Left Side
BRU140	Jack Return Spring, Right Side
BRUBRI-036	Seal Kit, Warrior 3 Pump Warrior Jack

* Jack handle diameter listed is the end that inserts into jack.



Pit Gun Warrior Style Whip Hose BRU310-1

High-quality 3/8" inside dia. whip hose is rated at 300 psi. 2' long air hose attaches directly to air impact.



Pit Sockets

Heat-treated 1" sockets fit 1/2" drive air impacts. Long socket is 1" longer than standard socket and is particularly helpful on Wide 5 rims.

Part No.	Description
BRU306	Short Socket
BRU307	Long Socket



Pro Toe Plates BRU193



CNC-machined aluminum toe plates deliver maximum accuracy without the deflection encountered with sheet metal toe plates.



Prolite Advantage II 25° Layback Seats

Prolite Advantage II seats have a 25° layback and incorporate a comprehensive head surround and shoulder support system for uncompromising crash protection. Seat is .090" thick aluminum that has been reinforced in all critical areas, with rolled back panels, contoured seat bottoms, and integrated right side leg support. Removable head support eases seat mounting. All seats are sold complete with black velour covers.

Part No.	Description
BUTADV16201	16" Seat and Cover
BUTADV17201	17" Seat and Cover



Pro-Sportsman Plus 25° Layback Seats

Seat is completely TIG-welded by certified welders and has a high back with right and left rib supports. Compatible with all safety harnesses, seat includes a cut out for use with the HANS device. Complete with fire-retardant black velour seat cover.



Part No.	Description
BUT17121-65-4001-2050	17" Seat and Cover
BUT18A121-65-4001-2050	18" Seat and Cover

Pro-Sportsman 25° Layback Racing Seats

The result of Butler's innovative technology, high-back 25° layback seats are TIG-welded .125" 5052 aluminum with right and left rib supports, making them ideal for street stocks, modifieds, and late models. Seats are sold with choice of black or red fire-retardant covers, and are compatible with safety harness systems. Supports for head, shoulder, and leg sold separately.



Part No.	Description
BUT15120-65-4101	15" Seat with Cover
BUTBBP-16120-65-4101	16" Seat with Cover
BUT17120-65-4101	17" Seat with Cover
BUTBBP-18A120-65-4101	18" Seat with Cover
BUT18B120-65-4101	19" Seat with Cover

Replacement Seat Covers

BUT4101-15120	15" Seat Cover, Black
BUT4101-16120	16" Seat Cover, Black
BUT4101-17120	17" Seat Cover, Black
BUT4101-18A120	18" Seat Cover, Black
BUT4101-18B120	19" Seat Cover, Black

Sportsman Advantage II 25° Layback Seats

Continuing their proactive commitment to driver safety and comfort, Sportsman Advantage II seats are high "G" design, proven superior in crash sled tests and on the track. Energy-absorbent foam and fireproof upholstery cover the .090" thick, 5052 aluminum seats. Integrated head and shoulder support systems complement the extended right and left lateral leg supports. All seats include a black, modular-style cloth cover.



Part No.	Description
BUTADV-16118-65-4001	16" Sportsman Advantage II Seat with Cover
BUTADV-17118-65-4001	17" Sportsman Advantage II Seat with Cover
BUTADV-18A118-65-4001	18" Sportsman Advantage II Seat with Cover

E-Z II Series Micro **NEW!**

Popularly used in micro sprints, full containment seat includes an integrated head and shoulder support system with energy-absorbing foam to maximize driver protection. Manufactured from .090" and .125" thick aluminum, seat features a 10° layback design and includes a left-side seat bottom that is 2" shorter for engine firewall clearance. Sold with black velour seat cover.



Part No.	Description
BUTBBP-14335-4001-95	14-1/2" Seat with Cover
BUTBBP-15335-4001-95	15-1/2" Seat with Cover

E-Z Series Speedway Full Containment Seats

Combines safety with affordable pricing and ease of mounting and ordering. Offered in Sprint 10° or Sportsman 20° layback versions, seats include CarbonX covered head support and solid head surround, shoulder support system, velour rib cover, and seat bottom upholstery. Sold with black cloth cover.



Part No.	Description
Sprint 10° Layback Seats	
BUTBBP-14311-4001-95	14-1/2" E-Z Series Seat with Cover
BUTBBP-15311-4001-95	15-1/2" E-Z Series Seat with Cover
BUTBBP-16311-4001-95	16-1/2" E-Z Series Seat with Cover
BUTBBP-17311-4001-95	17-1/2" E-Z Series Seat with Cover
Sportsman 20° Layback Seats	
BUTBBP-15195-4001-95	15" E-Z Series Seat with Cover
BUTBBP-16195-4001-95	16" E-Z Series Seat with Cover
BUTBBP-17195-4001-95	17" E-Z Series Seat with Cover
BUTBBP-18A195-4001-95	18" E-Z Series Seat with Cover

Sprint Advantage Slidejobs Seat

The integral head and shoulder system is compatible with HANS devices and other head and neck restraints. TIG-welded and reinforced, the seats have contoured bottoms, right and left lateral supports, energy absorbent foam and fire-retardant velour seat covers. Seats are well-suited for sprint, midget, and micro-midget race cars.



Part No.	Description
BUTADV14308-03-4001-FB	14.5"
BUTADV15308-03-4001-FB	15.5"
BUTADV16308-03-4001-FB	16.5"
BUTADV17308-03-4001-FB	17.5"

SFI 39.2 ProLite Advantage II Slidejob **NEW!**

Meets stringent SFI 39.2 specifications. Lightweight aluminum seat features "slidejob" head technology, which utilizes right, left, and rear head foam that is built on sliders for improved driver head protection. Using a 20° layback design, seat additionally includes a comprehensive head surround and shoulder support system with MaxGard upholstery, extensive use of energy-impact head foam and an integrated right-side leg support. Sold with black velour seat cover.



Part No.	Description
BUTADV14308-03-4001-FB	14.5"
BUTADV15308-03-4001-FB	15.5"
BUTADV16308-03-4001-FB	16.5"
BUTADV17308-03-4001-FB	17.5"

E-Z Sert Seat Insert BUTBBP-2072-M

Increase comfort and support of the lower back, pelvis, and thighs, and decrease the risk of back injury. E-Z Sert seat insert fits into an existing racing seat, creating a molded shape of the body. In a crash, the insert allows the forces of impact to be spread more evenly across a larger area. "Do-it-yourself" package comes complete with instructions and all required materials including CarbonX.



Sportsman Advantage Universal Head and Shoulder Kit for Dirt Late Model BUTADV22007-4703

Add this head and shoulder support kit to any aluminum racing seat to create a containment seat. Sold complete with fire-retardant black velour cover. Short left side head and MaxGard foam.



Sportsman Advantage Head and Shoulder Kit BUTADV22000-95

Bolt-on universal support with removable foam that attaches to any high-back design seat, adding critical protection to driver's head and shoulder area. Standard length left side head with smooth matte foam.



Single-Layer 2" and 4" Head Supports

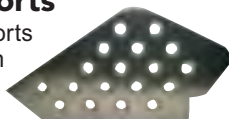
Designed to reduce the risk of head or neck injury in the event of a crash. TIG-welded, .125" thick aluminum supports feature a solid 3/8" aluminum reinforcement rod, impact absorbing foam, velour fire-retardant cover, and are compatible with all Butler Built seats. Sold with choice of black, blue, or red cover.



Description	Black Cover Part No.	Blue Cover Part No.
2" LH Head Support	BUT2262-4101	—
2" RH Head Support	BUT2272-4101	BUT2272-4102
4" LH Head Support	BUT2264-4001	—
4" RH Head Support	BUT2274-4001	—

Single-Layer Large Leg Supports

TIG-welded 0.090" thick aluminum supports incorporate special impact-absorbing foam to protect legs in a collision. 18" x 22" supports include a fire-resistant, black velour cover.



Description	LH Part No.	RH Part No.
Leg Support	BUT2462-4101	BUT2472-4101

Head, Shoulder, and Leg Supports

Description	Black Cover Part No.
LH 6" Head Support	BUT2266-4101
RH 6" Head Support	BUT2276-4101
LH Shoulder Support	BUT2361-4101
RH Shoulder Support	BUT2371-4101
LH Short Leg Support	BUT2461-4101
RH Short Leg Support	BUT2471-4101



BUT2266-4104



BUT2371-4101

Head Support Mounting Clamps BUTADV2113-2190

Mounting clamps for Sprint Advantage head support to 1-1/4" tube A-frame bars. Includes bolts.



Seat Back Bracket BUT2132

3/16" 5052 aluminum plate for mounting back of seat to chassis.

Seat Back Mounts

Vitally important in any seat installation, mounts provide proper distribution of loads. Offered in .125" thick aluminum or cold rolled steel.



Part No.	Description
BUT2130	Steel Seat Back Mount
BUT2131	Aluminum Seat Back Mount

Air Ducting System

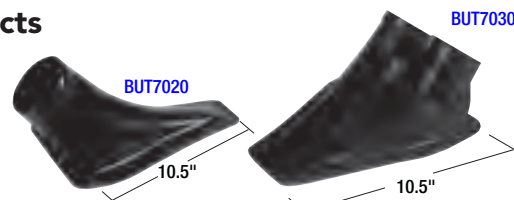
Butler Built Air Ducts are used by many top NASCAR and Grand National competitors. Computer aided design (CAD) provides optimum aerodynamic shape for smooth, uninterrupted air flow. The NACA ducts can be installed in side windows or body panels to direct cool outside air to brakes, oil coolers, or cockpit.

Brake Ducts



Part No.	Description
BUT7007	Bumper Mount, Large Single Hose, 13.75" x 5.625"
BUT7008	Bumper Mount, Small Dual Hose, 9.5" x 5.0"
BUT7009	Bumper Mount, Small Single Hose, 9.5" x 5.0"
BUT7010	Bumper Mount, Angled Dual Hose, 10.75" x 5.0"
BUT7022	Headlight Mount, 7.75" x 5.5"

NACA Ducts

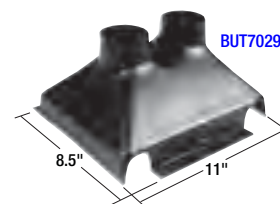


Part No.	Description
BUT7019	Square Tail Driver Vent, Clear Post Mount, 10.5" x 6.0" x 4.5"
BUT7020	Single Hose, Black, 10.5" x 6.0" x 4.5"
BUT7021	Single Hose, Clear, 10.5" x 6.0" x 4.5"
BUT7023*	Small Single Hose, Clear, 8.0" x 5.375" x 4.0"
BUT7024*	Small Single Hose, Black, 8.0" x 5.375" x 4.0"
BUT7030	Dual Hose, Black, 10.5" x 9.0" x 4.5"
BUT7031	Dual Hose, Clear, 10.5" x 9.0" x 4.5"

* Uses 2-1/2" hose. All others use 3" hose.

Rear End/Oil Cooler Ducts

Part No.	Description
BUT7028	Single Hose, Fits 5-3/4" x 11" Cooler
BUT7029	Dual Hose, Fits 8.5" x 11" Cooler



Duct Hose BUT7102

Duct hose has 2-1/2" diameter for use with brake, NACA, rear end, or oil cooler ducts. Sold in 10' lengths.





NEW VENDOR!

Power Stretch Recovery Ropes

Amazingly strong yet compact, Power Stretch Recovery Ropes are exceptionally versatile as a tow strap. Each rope is sold with a mesh duffle bag.



Part No.

Description

BUB176650YWG	Lil' Bubba, 1/2" Dia. x 20' Long, 7,400 lbs., Black with Yellow Eye
BUB176655BKG	Renegade 3/4" Dia. x 20' Long, 19,000 lbs., Camo Green

Mini Gator-Jaw Synthetic Shackle

Stronger than traditional synthetic shackles with a breaking strength of 11,000 lbs., Mini Gator-Jaw uses a specially-designed button knot and self-tightening loop that will not slip off, even under extreme loads. Sold per pair, shackles are vinyl urethane coated for abrasion protection.



Black Op Tow Strap

BUB17600BOP2

Specifically manufactured for towing vehicles safely and effectively, 3" wide x 20' tow strap is constructed from USA-made nylon webbing with bonded nylon thread and durable Cordura eye covers. Tow strap has a breaking strength of 23,500 lbs.



6' Ratchet Tie Downs

BUB177050

Ideal for securing ATV's, mopeds, etc., camo ratchet tie downs utilize oversized handles and vinyl covered S-hooks for ease of use. Sold per pair, USA-made tie downs are 1" wide x 6' long and have a breaking strength of 1,760 lbs.



The Grabber

BUB251610

A safer, simpler method of attaching a synthetic winch line to a winch drum. The Grabber is 1" x 3-3/4" and fits all brands of winches.



A division of industry leader CP/Carillo, Bullet Pistons is an all-new product division designed to offer premium quality pistons at affordable prices. Using the same machining and tooling as CP, Bullet offers a full line of application-specific forgings that are available right off the shelf, produced in larger production runs to reduce cost. Manufactured from 2618 alloy for maximum strength and durability, pistons are engineered for tighter tolerances and utilize contact reduction grooves, accumulator grooves, forged side reliefs, and dual forced pin oilers.

Small Block Chevy Flat-Top Pistons

Forged flat-top pistons are machined to accept 1.5mm compression and 3.0mm oil rings. Sold in balanced sets of eight, complete with .927" x 2.500" chrome moly wrist pins and wire locks.



Part No.	Bore	Stroke	Rod	Comp. Height	Dish/Dome	Comp. Ratio
BTPBC1021-STD-8	4.000"	3.480"	5.700"	1.560"	-6.8cc	9.7:1
BTPBC1025-030-8	4.030"	3.750"	6.000"	1.125"	-6.8cc	10.5:1
BTPBC1100-STD-8	4.125"	3.750"	6.000"	1.125"	-6.9cc	11.2:1
BTPBC1100-040-8	4.165"	3.750"	6.000"	1.125"	-6.9cc	11.4:1

Small Block Chevy Dish-Top Pistons

Forged dish-top pistons are machined to accept 1.5mm compression and 3.0mm oil rings. Sold in balanced sets of eight, complete with .927" x 2.500" chrome moly wrist pins and wire locks.



Part No.	Bore	Stroke	Rod	Comp. Height	Dish/Dome	Comp. Ratio
BTPBC1120-STD-8	4.125"	3.750"	6.000"	1.125"	-20.5cc	9.5:1

Small Block Chevy Dome-Top Pistons

Forged dome-top pistons are machined to accept 1.5mm compression and 3.0mm oil rings. Sold in balanced sets of eight, complete with .927" x 2.500" chrome moly wrist pins and wire locks.



Part No.	Bore	Stroke	Rod	Comp. Height	Dish/Dome	Comp. Ratio
BTPBC1200-030-8	4.155"	3.750"	6.000"	1.125"	+5.1cc	12.8:1
BTPBC1220-030-8	4.155"	3.875"	6.000"	1.062"	+5.1cc	13.2:1

Small Block Ford Flat-Top Piston

Forged flat-top piston is machined to accept 1.5mm compression and 3.0mm oil rings. Sold in balanced sets of eight, complete with .927" x 2.500" (unless specified) chrome moly wrist pins and wire locks.



Part No.	Bore	Stroke	Rod	Comp. Height	Dish/Dome	Comp. Ratio
BTPBF6010-030-8	4.030"	3.400"	5.400"	1.090"	-8.7cc	9.8:1

Small Block Ford Dish-Top Piston

Forged dish-top piston is machined to accept 1.5mm compression and 3.0mm oil rings. Sold in balanced sets of eight, complete with .927" x 2.500" chrome moly wrist pins and wire locks.



Part No.	Bore	Stroke	Rod	Comp. Height	Dish/Dome	Comp. Ratio
BTPBF6111-STD-8	4.125"	3.400"	5.400"	1.090"	-22cc	8.9:1



CP Pistons

CP Pistons manufactures a complete line of top-quality, high-performance forged pistons. Recognized as an industry leader in the field, CP Pistons include many features that are typically optional from competitor's units, including contact reduction grooves, accumulator grooves, double-pin oilers, X-forging construction, radius domes, and a unique cam and barrel design.

Small Block Chevy 18° Dome Top-Pistons

Forged dome-top pistons are fully CNC-machined and accept 1.5mm compression and 3.0mm oil rings. Gas porting improves combustion sealing. Sold in balanced sets of eight, complete with .927" x 2.750" chrome moly wrist pins, wire locks, and oil rail supports.



Part No.	Bore	Stroke	Rod	Comp. Height	Dish/Dome	Cubic Inch
CPPS2155-8	4.165"	3.875"	6.000"	1.062"	+2.5cc	422

Small Block Chevy 13° Flat-Top Pistons

Fully CNC-machined, forged flat-top pistons are gas ported for improved combustion sealing. Pistons accept .043" compression and 3.0mm oil rings. Sold in balanced sets of eight, complete with .927" x 2.750" chrome moly wrist pins, and wire locks.



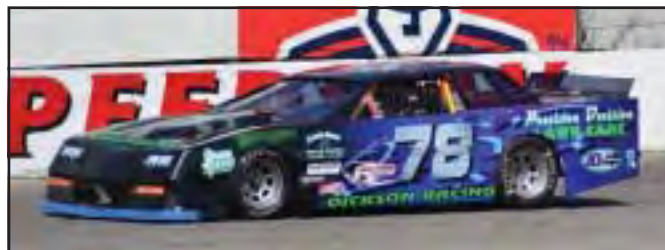
Part No.	Bore	Stroke	Rod	Comp. Height	Dish/Dome	Cubic Inch
CPPS2402-8	4.135"	4.000"	6.000"	1.000"	-8.8cc	430
CPPS2405-8	4.165"	4.000"	6.000"	1.000"	-8.8cc	436

Small Block Chevy 13° Dome-Top Pistons

High-compression forged pistons, designed for use with 13° cylinder heads, are fully CNC-machined and accept 1.5mm compression and 3.0mm oil rings. Gas porting improves combustion sealing. Sold in balanced sets of eight, complete with .927" x 2.750" chrome moly wrist pins, and wire locks.



Part No.	Bore	Stroke	Rod	Comp. Height	Dish/Dome	Cubic Inch
CPPS2411-8	4.130"	3.875"	6.000"	1.062"	-2.2cc	415
CPPS2412-8	4.135"	3.875"	6.000"	1.062"	-2.2cc	416
CPPS2415-8	4.155"	3.875"	6.000"	1.062"	-2.2cc	420
CPPS2422-8	4.135"	3.800"	6.000"	1.100"	-2.2cc	408
CPPS2424-8	4.145"	3.800"	6.000"	1.100"	-2.2cc	410



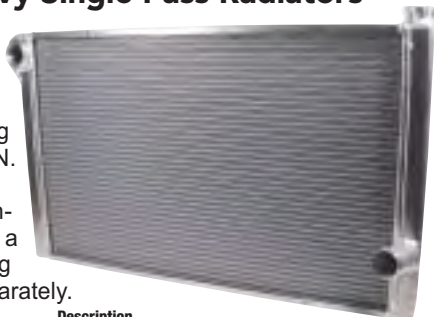
JONATHAN DICKSON

KIZZ PHOTOS



Late Model Chevy Single-Pass Radiators

Late model, Chevy style aluminum radiators have universal inlets to allow a variety of inlet choices including 1-1/2", -16AN and -20AN. Popular with late model and modified racers, single-pass radiators have a two-row core. Inlet fitting must be purchased separately.



Part No.	Description
CRR900-31190	19" x 31", 1-3/4" Low Outlet
CRR900-28191	19" x 28", 1-3/4" Low Outlet NEW!

Inlet Fittings

CRR78-00101	-16AN Male Inlet Fitting
CRR78-00102	-20AN Male Inlet Fitting
CRR78-00103	1-1/4" Inlet Fitting
CRR78-00104	1-1/2" Inlet Fitting for Std. Radiator Hose



CRR78-00104



CRR78-00102

Late Model Chevy Double-Pass Radiators



Lightweight, efficient Chevy-style aluminum radiators are for use with external oil coolers and are offered for open or closed systems.

Part No.	Description
CRR902-24190	19" x 24", 1-3/4" Low Outlet, Open System NEW!
CRR902-26190	19" x 26", 1-3/4" Low Outlet, Open System NEW!
CRR902-28190	19" x 28", 1-3/4" Low Outlet, Open System NEW!
CRR902-31161	16" x 31", 1-3/4" High Outlet, Open System NEW!
CRR902-28191	19" x 28", 1-3/4" High Outlet, Open System
CRR902-31190	19" x 31", 1-3/4" Low Outlet, Open System
CRR902-31191	19" x 31", 1-3/4" High Outlet, Open System
CRR904-28191	19" x 28", 1-3/4" High Outlet, Closed System
CRR926-15288	15" x 28", -20AN Inlet Port, 1-3/4" Low Outlet, Closed System

Late Model Universal Double-Pass Radiator Modules **NEW!**

Late Model radiator modules combine a double-pass design with built-in, high-efficiency 16" diameter Spal electric fans for reliable, effective cooling. Designed for open cooling systems, universal two-row radiators include a 1-3/4" high outlet.



Part No.	Description
CRR952-28191	Universal 19" x 28", 1-3/4" High Outlet, Open System
CRR952-31191	Universal 19" x 31", 1-3/4" High Outlet, Open System

Lightweight Chevy Radiators

Lightweight Chevy aluminum radiators reduce wet weight by up to 8 lbs. Radiators incorporate 36mm cores, which places more rows of tubes and fins in the same area, resulting in a thinner core and improved through-core air flow. Units use the same footprint as standard radiators, allowing direct replacement.



Part No.	Description
CRR911-28191	19" x 28" Double-Pass, 1-3/4" High Outlet, Open System
CRR912-28191	19" x 28" Double-Pass, 1-3/4" High Outlet, Closed System
CRR915-26190	19" x 26" Double-Pass, 1-3/4" Low Outlet, Open System NEW!
CRR918-30191	19" x 31" Double-Pass, 1-3/4" High Outlet, Closed System, w/Heat Exchanger

Heat Exchanger Radiators

Sprint Cup core design has a 13-plate heat exchanger. Available to fit Chevy or Ford with open or closed (no filler neck) systems.



Part No.	Description
CRR905-28191	Universal 19" x 28", Open System, 1-3/4" High Outlet
CRR905-30191	Universal 19" x 30", Open System, 1-3/4" High Outlet
CRR906-28191	Universal 19" x 28", Closed System, 1-3/4" High Outlet NEW!
CRR906-30191	Universal 19" x 30", Closed System, 1-3/4" High Outlet
CRR906-30194	Ford 19" x 30", Closed System, 1-3/4" High Outlet

Modified Double-Pass Radiator **CRR926-15288**

Lightweight aluminum 15" x 27-1/2" double-pass radiator, designed exclusively for Troyer style modified chassis, is for closed coolant systems. Radiator includes a -20 inlet and 1-3/4" outlet.



High-Pressure Radiator Caps

Large, high-pressure radiator caps allow the higher coolant pressures and temperatures associated with competitive oval track racing.



Part No.	Description
CRR50-00002	Radiator Cap, 22 lb. NEW!
CRR50-00003	Radiator Cap, 31 lb.

LS Steam Vent Kit **CRR78-10000**

Engineered specifically for GM LS engines, kit allows proper air bleeding of the cooling system. Designed to offer a clean, professional installation, kit may be plumbed to the suction side of the water pump or to the radiator. Includes -4AN push-lock fittings and braided hose. May be used on carbureted or EFI applications.



Portable Engine Heater **CRR61-00003**

Has the ability to pre-heat the engine to approximately 200°F and maintain it until the unit is switched off. The 12-volt design offers up to 7 hours of operation on a full charge, while eliminating the need for an external power source. Uses just 0.16-0.8 gallons of diesel fuel per hour. Quick-connect hose kit and fabricated check valve must be purchased separately.



Part No.	Description
Related Accessories	
CRR61-00017	5000 Series Jiffy-Tite Hose Kit
CRR61-00012	Hot Set-Up Fitting Hose Kit
CRR61-10003	External Battery Charger

Note: Fabricated check valve (**CRR70-11000**) recommended for quick connection, fill-ups, and directional flow.

Fabricated Check Valves

Specialized check valve installs inline, in 1-1/2" dia. upper radiator hose to allow connection to a portable engine coolant heater so that hot water may be circulated through the engine's cooling system. Lightweight aluminum unit includes a stainless steel, one-way valve to ensure proper coolant flow when engine coolant heater is activated. Valve includes two -8AN female bungs to accept quick-connect style fittings. Quick-connect fittings must be purchased separately.



Part No.	Description
CRR70-11000	Fabricated Check Valve, for 1-1/2" Radiator Hose
CRR70-11001	Fabricated Check Valve, for 1-3/4" Radiator Hose NEW!
CRR70-11002	Fabricated Check Valve, for 1-1/4" Radiator Hose NEW!
CRR70-11003	Fabricated Check Valve, for -20AN Radiator Hose NEW!

NOTE: Please refer to page 462 for Jiffy-Tite quick-connect fittings.



MXS 5.0 Battery Charger **NEW!** CTE40-206



Offering a unique, eight-step approach to battery care, fully automatic microprocessor controlled unit is the fastest, most effective battery charger currently offered by CTEK. Compatible with 12-volt lead-acid, AGM, and the new EFB batteries, the MXS 5.0 is the perfect unit for a wide variety of vehicles requiring high-demand battery charging or maintenance.

MUS 4.3 Test and Charge **NEW!** CTE56-959



Advanced, microprocessor controlled unit combines a battery charger with battery and alternator test functions. Three easy-to-use programs test battery voltage, starting power, and alternator performance to determine current charging system condition. Unit also includes the ability to charge 12-volt lead-acid batteries using an 8-step, fully automatic charging cycle.

Dike and Safe Cooling System Additives

Dike quickly stops leaks, preventing a DNF if the radiator is punctured, a head is cracked or a gasket fails, while also preventing coolant from seeping into the engine.

Safe protects the cooling system from rust, scale, lime, and corrosion, maximizing system efficiency and prevents overheating.



Part No.	Description
CRR59-00001	Dike Temporary Radiator Stop Leak, 1 Pint
CRR59-00101	Safe Radiator Conditioner, 1 Pint



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CT5 Powersport **NEW!** CTE40-339

The CT5 offers 2.3 amps of power, ideal for charging powersport vehicle batteries. Unit includes the ability to charge lead-acid and lithium batteries, while providing maintenance charging to vehicles stored for long periods of time.



Lithium US **NEW!** CTE56-926

Engineered specifically to meet the requirements of lithium-ion batteries, microprocessor controlled unit features an eight-step fully automatic charging cycle. Safe and easy to use, unit checks battery condition at each stage, connecting with the battery's internal BMS (Battery Management System).



Pro25S **NEW!**

Innovative, versatile and highly efficient, the Pro25S is a 25-amp battery charger capable of meeting the needs of automotive professionals. Portable and versatile unit can charge and maintain 12-volt lead-acid (40 Ah to 500 Ah) or lithium (30 Ah to 450 Ah) batteries. Available Pro25SE unit includes extra-long, 19.7' cables with wall hanger and bracket, ideal when using the unit in work bays or on ramp-posts.



Part No.	Description
CTE40-328	Pro25S
CTE40-327*	Pro25SE

*Includes the addition of 19.7' cables, wall hanger, and bracket.



D250SE NEW! CTE40-315

Fully automatic, five-step battery charger can deliver up to 20 amps to any 12-volt lead-acid or lithium battery with 40-300 Ah. Compatible with lead-acid, AGM, GEL, EFB and other popular battery types, charger can use power through its dual input from alternator, solar panel, and wind power.



Smartpass 120S NEW! CTE40-289

Compatible with most popular battery types including lead-acid, AGM, GEL, lithium and others, the Smartpass 120S is a 120-amp power management solution that can distribute and control available alternator energy to maximize the power to service batteries and priority consumers. Unit ensures that critical equipment such as radio, emergency lights and navigation systems always have power, even when battery voltage is low.



Multi US 7002 7-Amp Battery Charger CTE56-353

Recognized as the smallest 12-volt battery charger in the world, the CTEK Multi US 7002 is recommended by Optima for their Yellow Top battery. Unit uses a thorough 7-step maintenance and charging process. Special, "recon" mode reconditions a drained battery after deep discharging, allowing the battery to recover better and last longer. Compatible with most lead-acid batteries including flooded, maintenance-free, gel, and AGM. Covered by a 5-year warranty, it includes lead and color-coded clamps.



Comfort Indicator

The Comfort Indicator simplifies battery charging by indicating when battery status decreases or when the battery needs to be charged. Easy-to-use unit helps prolong battery life and prevent harmful stratification. Comfort Indicators are offered in three versions: eyelet, clamp-on, and panel style. Panel-mount version is ideal for race cars, trailers, RV's, etc.

CTE56-380

Part No.	Description
CTE56-380	Comfort Indicator Panel, Permanent Mount
CTE56-382	Comfort Indicator Eyelet, Small Batteries Including Cycles, Etc.
CTE56-384	Comfort Indicator Clamp-On, Multi-Use

MXS 5.0 Smartcharger NEW! CTE40-206



Versatile MXS 5.0 Smartcharger is fully automatic and micro-processor controlled, suitable for multiple vehicle types and high demand battery charging. Compatible with all types of 12-volt lead/acid (wet-cell, AGM, GEL, etc.), unit is reverse polarity protected and short-circuit proof. Capable of charging batteries up to 110AH or maintaining larger batteries up to 160AH.

CTX Battery Sense NEW! CTE40-149

Track your battery's state of health remotely using the CTX Battery Sense, a unique Bluetooth enabled smart battery monitoring device. Easy to install, data is delivered through a free downloadable iPhone or Android app. Compatible with cars, motorcycles, and engine starter batteries, 4.5 AH and greater.



Protorque Starters

Powerful and reliable, the lightweight Protorque starters are offered in 4 styles. Standard Protorque units use Nippondenso style starters utilizing 1.9 HP electric motors, a 4:1 gear reduction ratio, and weigh just 10 lbs. Protorque Maximum also use Nippondenso style units but with a more powerful, 3.1 HP electric motor, 4.44:1 gear reduction ratio, and weigh just 11 lbs. Protorque Ultra are manufactured with Hitachi units with 3.4 HP electric motors, 4.4:1 gear reduction ratio, and weigh 10.5 lbs. Top-of-the-line Protorque Extreme are based on Nippondenso units with 3.5 HP electric motors, 4.44:1 gear reduction ratios, and weigh 12.7 lbs.

Application	Protorque Part No.	Protorque Maximum Part No.	Protorque Ultra Part No.	Protorque Extreme Part No.
Chrysler, Non-Adjustable	CVR1337	—	—	—
SB Ford 289-351W, A/T or M/T, 4/5-Spd.	CVR5055	—	CVR9055	—
Chevrolet V8, 153/168T	CVR5323	CVR5323M	CVR9323	CVR8323
Chevrolet V8, 168T, Staggered Mt.	CVR5323OS	CVR5323MOS	CVR9323OS	—
Chevrolet w/Bert or Brinn Trans.	CVR5300	CVR5300M	—	CVR8300



CVR5055



CVR8300



Protorque Starter Replacement Components



CVRND19606KIT

Part No.	Description
CVRND19509	Pinion Gear, for GM/Ford, Includes Spring, Retainer and Bushing
CVRND19606KIT	Solenoid Repair Kit, for Protorque Starter

Chevrolet 360° Swivel Thermostat Housing

Billet aluminum, 6061-T6 thermostat housing accepts a 1-1/2" dia. radiator hose and features a 360° swivel design. O-ring sealed to eliminate the need for a gasket, housing features a black anodized finish and is sold complete with stainless fasteners.



Billet Spin-On Oil Filter Mount **NEW!**

CVROFA65

Engineered for 1968-up Chevrolet V-8's, billet aluminum adapter eliminates the bypass port for 100% oil filtration. Sold complete with O-ring seal and necessary fasteners.



Billet Remote Oil Filter Mount **NEW!**

CVROFM61

Billet aluminum, universal remote mount includes (2) horizontal 1/2" NPT inlets and (1) vertical 1/2" NPT outlet. Accepts popular GM-style oil filter.



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CT-1 Dry Film Lubricant-Coated Engine Bearings

Calico Coatings full line of Clevite 77 H-series engine bearings are coated with CT-1, a dry film lubricant that increases performance and improves durability. The coating is a blend of molybdenum disulfide, graphite, and PTFE lubricants that greatly reduces the coefficient of friction and increases load carrying ability. It also reduces surface temperatures, resists fuel "wash", and protects against corrosion. Please specify bearing sizing (Std., .001", .010", .020", etc.) when ordering. Most rod bearings are narrowed for increased fillet clearance and include an "N" in the suffix to specify.

Notes: When a "D" suffix is added to the part number, bearings include dowel pin holes, while an "X" suffix indicates bearings with .001" added oil clearance.

Engine	H Series	HX Series	HND Series	HXND Series
Chevy				
1967-02 Small Block 262, 265, 267, 302, 305, 307, 350 (Large Journal)				
Rod Bearings	CLCCB663HN	CLCCB663HXN	CLCCB663HND	CLCCB663HXND
Rod Bearings, 1.888" Honda Sizing	CLCCB1663H	CLCCB1663HDX	CLCCB1663HD	—
Main Bearings	CLCMS909H	CLCMS909HX	—	—
Main Bearings, 283 Crankshaft	CLCMS1110H	—	—	—
1955-67 Small Block 265, 283, 267, 302, 327 (Small Journal)				
Rod Bearings	CLCCB745HN	CLCCB745HXN	—	—
Main Bearings	CLCMS429H	CLCMS429HX	—	—
1970-80 Small Block 400				
Rod Bearings	CLCCB663HN	CLCCB663HXN	CLCCB663HND	CLCCB663HXND
Main Bearings	CLCMS1038H	CLCMS1038HX	—	—
1997-07 Gen. III Small Block 4.8L (294), 5.3L (325), 5.7L (346), 6.0L (365)				
Rod Bearings	CLCCB663HN	CLCCB663HXN	CLCCB663HND	CLCCB663HXND
Main Bearings	CLCMS2199H	CLCMS2199HX	—	—
Ford				
1962-01 Small Block 221, 255, 260, 289, 302				
Rod Bearings	CLCCB634HN	CLCCB634HXN	—	—
Rod Bearings, 2.100" Chevy/Ford Rod	CLCCB1227H*	CLCCB1227HX*	—	—
Main Bearings	CLCMS590H	CLCMS590HX	—	—

* Exclusively for Small Block Ford applications with 2.100" (Chevy) rod journal sizing using Ford Windsor connecting rods.





Magnum 4340 Forged Steel Crankshafts

Lightweight, durable crankshafts are made from ultra-pure AISI 4340 forged steel. Crankshafts feature gun-drilled mains, fully profiled counterweights, and have undergone exclusive Ultra-Case heat treatment. Available for a variety of small block Chevy engines.

Part No.	Application	Stroke	Main	Pin
CALSAX14A-MG	Small Block Chevy	3.335"	2.449"	2.000"
CALSAG14A-MG	Small Block Chevy	3.500"	2.449"	2.000"
CALSAJ11A-MG	Small Block Chevy	3.750"	2.449"	2.100"
CALSAJ21A-MG	Small Block Chevy	3.750"	2.649"	2.100"
CALSAK21A-MG	Small Block Chevy	3.800"	2.649"	2.100"
CALSAM14A-MG	Small Block Chevy	3.875"	2.449"	2.000"
CALSAM11A-MG	Small Block Chevy	3.875"	2.449"	2.100"
CALSAM21A-MG	Small Block Chevy	3.875"	2.649"	2.100"
CALSAO11A-MG	Small Block Chevy	4.000"	2.449"	2.100"
CALSAO21A-MG	Small Block Chevy	4.000"	2.649"	2.100"

* Big Block Chevy snout.



Compstar Forged 4340 Steel Crankshafts

Manufactured from premium AISI 4340 steel, Compstar crankshafts are the most durable in their class. Crankshafts are offered in a variety of strokes and journal sizes to suit most cubic inch requirements.

Part No.	Application	Stroke	Main	Pin	Rod Length
CALSAF113-CM	Small Block Chevy	3.480"	2.449"	2.100"	5.700"
CALSAG113-CM	Small Block Chevy	3.500"	2.449"	2.100"	5.700"
CALSAG143-CM	Small Block Chevy	3.500"	2.449"	2.000"	5.700"
CALSAH113-CM	Small Block Chevy	3.625"	2.449"	2.100"	5.850"
CALSAJ113-CS	Small Block Chevy	3.750"	2.449"	2.100"	6.000"
CALSAM113-CS	Small Block Chevy	3.875"	2.449"	2.100"	6.000"
CALSAO113-CS	Small Block Chevy	4.000"	2.449"	2.100"	6.000"
CALSAJ213-CS	Small Block Chevy	3.750"	2.649"	2.100"	6.000"



Compstar Comet Forged 4340 Steel Crankshafts

Lightweight, durable crankshafts are constructed from 4340 steel that have been triple heat-treated and nitrided. Comet crankshafts feature gun-drilled mains, lightened rods, pendulum-cut counterweights, a star flange, and a .125" journal radius.

Part No.	Application	Stroke	Main	Pin	Rod Length
CALSAF143-CC	Small Block Chevy	3.335"	2.449"	2.000"	5.700"
CALSAF143-CC	Small Block Chevy	3.480"	2.449"	2.000"	5.700"
CALSAG143-CC	Small Block Chevy	3.500"	2.449"	2.000"	5.700"
CALSAJ113-CC	Small Block Chevy	3.750"	2.449"	2.100"	6.000"



Ultra H- and I-Beam Connecting Rods

Ultra Connecting Rods are forged from extremely clean Timken steel. Strengthening gussets around the cap screws offer increased durability and 100% thread engagement eliminates exposed threads between the bolt thread and the shank. All rods are fitted with 260,000 PSI Ultra Bolts with rolled threads for improved engagement and consistent clamping loads. Sold in sets of eight.

Part No.	Application	Length	Journal	Weight
H-Beam Connecting Rods				
CALU16100	Small Block Chevy	6.000"	2.100"	644g
CALU16101	Small Block Chevy	6.000"	2.000"	629g
I-Beam Connecting Rods				
CALU14140	Small Block Chevy	6.125"	2.100"	662g



Compstar H- and I-Beam Connecting Rods

Compstar Connecting Rods combine high quality and affordability. Forged H-beam and I-beam connecting rods are ready to use, and feature the proper dimensions and clearances for high-performance use, right out of the box. Sold in sets of eight.

Part No.	Application	Length	Journal	Weight
H-Beam Connecting Rods				
CALCSA5700DS2A2AH	Small Block Chevy	5.700"	2.100"	603g
CALCSA6000AS2A0AH*	Small Block Chevy	6.000"	1.888"	525g
CALCSA6000CS2A2AH	Small Block Chevy	6.000"	2.000"	591g
CALCSA6000DS2A2AH	Small Block Chevy	6.000"	2.100"	612g
CALCSA6125DS2A2AH	Small Block Chevy	6.125"	2.100"	617g
CALCSA6200CS2A2AH	Small Block Chevy	6.200"	2.000"	598g
CALCSA6200DS2A2AH	Small Block Chevy	6.200"	2.100"	615g
CALCSA6250DS2A2AH	Small Block Chevy	6.250"	2.100"	619g

* Engineered for use with Honda rod bearings.



Replacement Connecting Rod Bolt CALBLTC145SBRODBOLT

Replacement small block Chevy connecting rod bolt is 7/16" diameter x 1.450" long. Sold each.





GM LS Wet Sump Circle Track Oil Pan Open Chassis Style Oil Pan CAN11-280

Steel rear sump oil pan is engineered for open chassis applications fitted with a GM LS engine. Circle track specific pan incorporates a trap-door baffle system, bolt-in slosh baffle and 7-qt. system capacity. Pan offers clearance for up to 4.25" stroke. Requires Canton oil filter adapter or filter mount.



SB Chevy Wet Sump Circle Track Oil Pans Stock Appearing Series

Stock-appearing, 5-quart pans have double trap door baffles, crank scrapers, and windage trays, all of which direct oil to the right side of pan where the pickup is positioned. Pans work with all starter/flywheel combinations.



Part No.	Description
CAN11-200	SB Chevy Pre-1980, LH Dipstick
CAN20-002	Oil Pump Pickup, Standard-Volume Pumps Only (MELM55)

Competition Series 6-1/2" Deep

Shallow left-turn, 7-quart pan adds ground clearance for cars where the engine is mounted extra low. Fits front steer chassis with aftermarket or Camaro front ends. Includes six trap doors and three runners, slosh baffle, windage tray with crank scraper, oil level check, and temperature fitting. Works with all starter/flywheel combinations.



Part No.	Description
CAN11-102	SB Chevy Pre-1980, LH Dipstick
CAN11-102T	SB Chevy 1986-Up, 1-Pc. Rear Main Seal
CAN20-030	Oil Pump Pickup, Standard-Volume Pumps (MELM55)
CAN20-031*	Oil Pump Pickup, High-Volume Pumps (MELM55HV)

* Requires some modifications, instructions included.

Competition Series 7" Deep

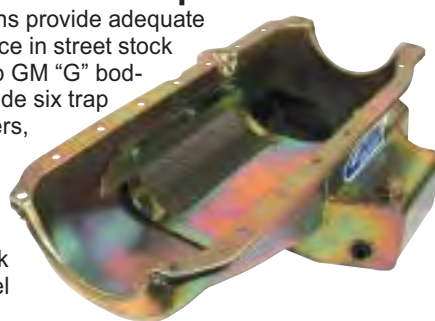
Left-turn pans fit front steer chassis with aftermarket or Camaro front ends or cars where the engine has been moved. 8-quart pans feature six trap doors, three runners, slosh baffles, windage trays with crank scrapers, oil level checks, and temperature fittings. Pans work with all starter/flywheel combinations.



Part No.	Description
CAN11-120	SB Chevy Pre-1980, LH Dipstick
CAN11-120M	SB Chevy 1980-85, RH Dipstick
CAN20-040	Oil Pump Pickup, Standard-Volume Pumps (MELM55)
CAN20-070	Oil Pump Pickup, High-Volume Pumps (MELM55HV)
CAN20-072	Oil Pump Pickup, High-Volume Pumps with 3/4" Tube (MELM155HV)
CAN20-077	Oil Pump Pickup, for (MEL10555) Pump
CAN20-100	Oil Pump Pickup, for BB Chevy 5-Bolt Pump (MELM77)

Competition Series 7" Deep Street Stock

Left-turn 7" deep pans provide adequate crossmember clearance in street stock classes using 1978-up GM "G" bodies. 7-quart pans include six trap doors and three runners, slosh baffles, windage trays with crank scrapers, oil level checks, and temperature fittings. Pans work with all starter/flywheel combinations.



Part No.	Description
CAN11-122	SB Chevy Pre-1980 Steel Pan, LH Dipstick
CAN11-122M	SB Chevy 1980-85 Steel Pan, RH Dipstick
CAN20-040	Oil Pump Pickup, Standard-Volume Pumps (MELM55)
CAN20-070	Oil Pump Pickup, High-Volume Pumps (MELM55HV)
CAN20-072	Oil Pump Pickup, High-Volume Pumps with 3/4" Tube (MELM155HV)
CAN20-077	Oil Pump Pickup, for (MEL10555) Pump
CAN20-100	Oil Pump Pickup, for BB Chevy 5-Bolt Pump (MELM77)

Competition Series 7" Deep Open Chassis

Fits chassis without crossmembers underneath engine. The 7" deep, "L"-shaped sump has competition baffling, six trap doors, bolt-in slosh baffle and windage tray with scraper, and 9-qt. capacity. Works with all starter/flywheel combinations.



Part No.	Description
CAN11-180	Steel Pan, SB Chevy 1985 and Earlier
CAN20-040	Oil Pump Pickup, Standard-Volume Pumps (MELM55)
CAN20-042	Oil Pump Pickup, Standard-Volume Pumps with 3/4" Tube (MELM155)
CAN20-070	Oil Pump Pickup, High-Volume Pumps (MELM55HV)
CAN20-072	Oil Pump Pickup, High-Volume Pumps with 3/4" Tube (MELM155HV)
CAN20-077	Oil Pump Pickup, for (MEL10555)
CAN20-100	Oil Pump Pickup, for BB Chevy 5-Bolt Pump (MELM77)



SB Chevy Wet Sump Circle Track Oil Pans - Cont. Power Series 6-1/2" Deep L-Style

Ideal for asphalt or dirt late models, steel 6-1/2" deep pan features an L-shaped 11" wide x 12" long sump and 6-1/2 qt. capacity. Pan includes six trap door baffles, oil recovery pouch, bolt-in slosh baffle, built-in louvered windage tray, 1/2" NPT temperature bung, and provision for a dipstick. Use with an offset starter and 153- or 168-tooth flywheel.



Part No.	Description
CAN11-226	Steel Pan, SB Chevy 1985 and Earlier
CAN20-031	Oil Pump Pickup, High-Volume Pump (MELM55HV)
CAN20-032	Oil Pump Pickup, Standard-Volume Pumps with 3/4" Tube (MELM155)
CAN20-036	Oil Pump Pickup, Standard-Volume Pumps (MELM55 or MELM55A)

Power Series Open Chassis

Open chassis-style steel or aluminum pans hold 9 quarts and include 11-1/2" wide x 16" long sump, recovery pouch, bolt-in slosh baffle and windage tray. Use with an offset starter and 153- or 168-tooth flywheel.

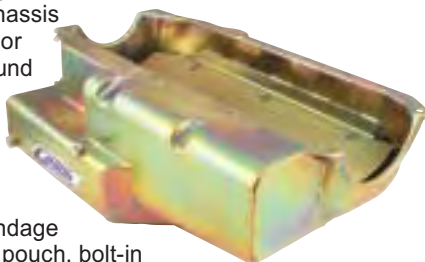


Part No.	Description
CAN11-186	Steel Pan, SB Chevy 1985 and Earlier
CAN11-187†	Steel Pan, Pro Style, SB Chevy 1985 and Earlier
CAN20-040	Oil Pump Pickup, Standard-Volume Pumps (MELM55)
CAN20-070	Oil Pump Pickup, High-Volume Pumps (MELM55HV)
CAN20-072	Oil Pump Pickup, High-Volume Pumps with 3/4" Tube (MELM155HV)
CAN20-077	Oil Pump Pickup, for (MEL10555)
CAN20-100	Oil Pump Pickup, for BB Chevy 5-Bolt Pump (MELM77),(MELM77HV)

† For cars with left- or rear-mounted starter.

Power Series Open Chassis Shallow

Pan is designed for chassis without crossmembers or applications where ground clearance is an issue. Pan is only 6-1/2" deep, yet "L"-shaped sump holds up to 7 qts. of oil. Features six trap door baffles, built-in windage tray, pro style recovery pouch, bolt-in slosh baffle, 1/2" NPT temperature bung, and provision for a dipstick. Use with an offset starter and 153- or 168 tooth-flywheel.



Part No.	Description
CAN11-196	Steel Pan, SB Chevy 1985 and Earlier
CAN20-031	Oil Pump Pickup, High-Volume Pumps (MELM55HV)
CAN20-032	Oil Pump Pickup, Standard-Volume Pumps with 3/4" Tube (MELM155)
CAN20-036	Oil Pump Pickup, Standard-Volume Pumps (MELM55 or MELM55A)

SB Chevy Wet Sump Road Race Oil Pans Late Corvette

Specifically for 1984-96 Corvettes, pans work well in any chassis where ground clearance is tight. 7-quart capacity, 7" deep pans have five trap door baffles, removable one-way windage screens with scrapers, oil temperature and low oil warning fittings, and magnetic drain plugs. Compatible with most stock or aftermarket starters.



Part No.	Description
CAN15-240	SB Chevy Pre-1980, LH Dipstick
CAN15-240T	SB Chevy 1986-Up, 1-Pc. Rear Main Seal
CAN20-044	Oil Pump Pickup, Standard-Volume Pumps (MELM55)
CAN20-074	Oil Pump Pickup, High-Volume Pumps (MELM55HV)
CAN20-079	Oil Pump Pickup, High -Volume Pumps with 3/4" Tube (MELM155HV)

Early Camaro/Firebird

Right and left turn baffled pan fits front steer chassis with aftermarket or Camaro front ends. 8-quart pan has 13-3/4" wide x 12" long sumps, with five trap door baffles, removable windage tray and crank scraper assemblies, oil level check and temperature fitting.



Part No.	Description
CAN15-260	SB Chevy Pre-1980, LH Dipstick
CAN20-010	Oil Pump Pickup, Standard-Volume Pumps (MELM55)
CAN20-020	Oil Pump Pickup, High-Volume Pumps (MELM55HV)
CAN20-023	Oil Pump Pickup, High-Volume Pumps, 3/4" Tube (MELM155HV)

SB Chevy Dry Sump Circle Track Oil Pans Competition Series Shallow CAN12-101

Dry-sump, 4-1/2" deep pan permits low engine mounting and includes crankshaft wiper, windage tray screen, and 1/4" deep pickup trough. Made of steel, pan fits pre-1985 small block Chevys and has (2) -12AN pickup fittings on the right-hand side. Compatible with all starters.



ADAM TERRY

CHELSEA LYNN LANDIS



Ford Wet Sump Circle Track Oil Pans Stock Appearing Series 2300cc

Designed exclusively for circle track classes that require a stock appearing oil pan. Oil pan fits 1974-97 2300cc OHC engines and has a trap door baffle, crankshaft scraper, and removable windage tray for greatly improved oil control.



Part No.	Description
CAN11-900	Ford 2300cc Steel Pan
CAN11-911	Oil Pump Pickup, 3/4" Dia. (MELM86C)

Competition Series 2300cc

Used on Fox body, rear sump Pinto chassis, and mini-modifieds. The 5-1/2 quart left turn pan has an 11" wide x 9-1/2" long sump and incorporates three trap door baffles and three runners, a bolt-in windage tray and temperature fitting. Works with stock starters.



Part No.	Description
CAN11-910	Ford 2300cc Steel Pan
CAN11-911	Oil Pump Pickup, 3/4" Dia. (MELM86C)

Ford Wet Sump Road Race Oil Pans 302-351W Front Sump

Shallow, "T"-style road race pans include track-proven baffles, four trap doors and runners, bolt-in windage trays, crank scrapers, and temperature fittings. Nine-quart pans have 13-1/2" wide sumps.



Part No.	Description
CAN15-630	SB Ford 289-302 Steel Pan
CAN15-680	SB Ford 351W Steel Pan (MELM55)
CAN15-611	Oil Pump Pickup for CAN15-630 , 3/4" Dia. (MELM68HV , MELM10688)
CAN15-661	Oil Pump Pickup for CAN15-680 , 3/4" Dia. (MELM83HV , MELM10833)

Honda K-Series Wet Sump Road Race Oil Pan **NEW!** [CAN15-964](#)

Fully fabricated oil pan offers dramatically improved oil control to Honda K series engines. Constructed with 3/16" thick laser-cut pan rails, 6-qt. capacity pan includes a built-in windage/anti-slosh baffle, diamond-shaped baffle with trap doors, 1/2" NPT temperature sensor bung, 1/2" NPT turbo return bung, and magnetic drain plug. Pan is notched to fit most production chassis, but may require some crossmember clearance to fit newer models.



Oil Pan Accessories Universal Dipstick Kit [CAN20-850](#)



Designed for use with 13-000, 15-000, and 18-000 Canton oil pans with a 1/4" NPT port to accept a universal dipstick. Dipsticks must be bent and calibrated for each application.

Inspection Plug [CAN20-888](#)

A 1" NPT bushing and plug that can be welded into a 1-1/2" dia. hole. For use where an inspection plug is required to verify the use of stock connecting rods.



Windage Trays

Louvered- and screen-type stamped steel trays keep oil off the rotating assembly and in the sump where it belongs. Available for most applications. Mounting kit must be purchased separately.



Part No.	Description
Windage Trays	
CAN20-908	SB Chevy Pro Plus Louvered Windage Tray
CAN20-911	SB Chevy Full-Length Windage Tray Screen, LH Dipstick
CAN20-930	SB Ford 289-302 Windage Tray Screen, Rear Sump
CAN20-931	SB Ford 289-302 Windage Tray Screen, Front Sump
CAN20-932	SB Ford 351W Windage Tray Screen, Rear Sump
Windage Tray Mounting Kits	
CAN20-920	Mounting Kit for CAN20-911
CAN20-921	Mounting Kit for CAN20-908
CAN20-940	Mounting Kit for CAN20-930 or CAN20-931
CAN20-942	Mounting Kit for CAN20-932

Main Cap Support Girdles

Laser-cut, chrome moly steel girdles tie all five main caps together to strengthen the bottom end of popular Fords. Girdles clear large strokers and don't require machining, bushings, or spacers to mount. Hardware included. Louvered steel windage trays for use with main cap girdles are also available.



Application	Main Cap Support Girdle	Windage Tray
SB Ford 289-302	CAN21-060	CAN20-960
SB Ford 351W	CAN21-062	CAN20-962

Billet Aluminum Oil Filter Adapters

Chevy Oil Filter Block-Off and Input Adapter [CAN22-520](#)

Engineered for dry sump, or wet sump oiling system with external pump. Bolts directly into the stock Chevy V-8 bypass mounting holes and includes O-rings and hardware.





Billet Aluminum Oil Filter Adapters - Cont.

Chevy Oil Input Sandwich Adapters

Simplifies the installation of external oil pumps or Accusumps by eliminating the need for a remote oil filter. Adapter has two oil input ports, one before filtration (for an external oil pump) and one after (for an Accusump).



Part No.	Description
CAN22-550	SB Chevy Oil Input Adapter
CAN98-002	Replacement O-Ring Kit

Chevy Oil Cooler Sandwich Adapters

Use a remote oil cooler and retain the stock oil filter. Adapters lower the filter 1-1/2" and accept 1/2" NPT fittings. O-rings and hardware are included.

Part No.	Description
CAN22-540	SB Chevy Remote Oil Cooler Sandwich Adapter, Goes to Cooler Before Filtration
CAN22-541	SB Chevy Remote Oil Cooler Sandwich Adapter, Goes to Cooler After Filtration
CAN98-002	Replacement O-Ring Kit



Chevy Oil Bypass Eliminator [CAN22-570](#)

Billet Chevy block-to-filter mount replaces the stock oil filter mount and does not have a bypass, eliminating the possibility of unfiltered oil entering the engine.



Chevy Remote Oil Filter Adapter

Aluminum adapter is ideal for wet sump systems where a remote filter must be used. Inlet and outlet ports are 1/2" NPT.



Part No.	Description
CAN22-580	SB and BB Chevy with Straight Inlet and Outlet Ports
CAN98-002	Replacement O-Ring Kit

90° Rotating Remote Oil Filter Adapters

The aluminum adapter's 90°, 1/2" NPT inlet and outlet ports can be rotated, simplifying hose and fitting connections. Ideal when unable to use stock filter location.



Part No.	Description
CAN22-592	Chevy, 13/16"-16 Thread and 3-1/4" Seal
CAN22-595	Ford/Chrysler, 3/4"-16 Thread and 2-5/8" Seal
CAN98-004	Replacement O-Ring Kit

Billet Remote Oil Filter Mounts

Rigid, billet aluminum remote mounts accept spin-on oil filters. Mounts include two 1/2" NPT inlet and two 1/2" NPT outlet ports and may be plumbed right-to-left or left-to-right.



Part No.	Description
CAN22-620	Remote Oil Filter Mount, Accepts Chevy Spin-On 13/16"-16 Filters
CAN22-625	Remote Oil Filter Mount, Accepts Ford Spin-On 3/4"-16 Filters

Remote Canister Oil Filter



Extruded aluminum filter is 6" tall x 3-1/4" square with 1-1/16"-12 straight O-ring ports. Stainless mounting clamp sold separately.

Part No.	Description
CAN25-106B	Remote Canister Oil Filter
CAN26-100	Replacement 4-5/8" Tall Synthetic Oil Filter Element
CAN26-891B	Stainless Steel Mounting Clamp

Heavy-Duty Oil Accumulators



[CAN24-006](#)

Surge Protection

Accusump Oil Accumulators provide an extra margin of protection against engine damage caused by lack of oil pressure. As the oil in the pan sloshes, the pickup can become uncovered, causing a loss of oil pressure. The Canton Accusump provides oil during these times, reducing the chance of damage.

Pre-Oiling

Research indicates the majority of wear occurs during start-up, before oil pressure is established. The Accusump delivers oil under pressure before your engine is spun over.

Precision Construction

Built from 4-1/4" dia. aluminum tube with a roller burnished, PTFE-coated inside, double O-ring piston, screw-in aluminum end caps, air pressure gauge, air pre-charge valve, safety blow-off, and a manual or electric valve.

Manual or Electric Operation Valves

The manual valve provides positive control and can be mounted on the Accusump or in the feed line. The electric control valve simplifies the operation of the Accusump and can provide automatic pre-oiling when tied into the ignition switch. The electric valve units are ideal in applications where it is difficult to access a manual valve.

3-Qt. Accusump [CAN24-006](#)

16" long, 4-1/4" dia. Accusump is recommended for large cubic inch engines or when severe oil pressure fluctuation problems are experienced. Manual or electric valve kit sold separately.

2-Qt. Accusump [CAN24-026](#)

12" long, 4-1/4" dia. Accusump is recommended for surge control on small block V-8, V-6, and 4-cylinder engines. Ideal for use in applications where mounting space is restricted. Manual or electric valve kit sold separately.

Mounting Clamps

CAN24-200

Stainless steel, T-clamp mounting brackets will mount all 4-1/4" Accusumps.



Accusump Manual Valve Kit

CAN24-260

Manual Accusump ball valve has 1/2" NPT fittings and a pipe nipple.



Accusump Pro Electric Valve Kit

CAN24-270X

Electric valve kit is useful when the Accusump is mounted in a hard-to-reach location or where a manual valve is not practical. When wired directly to the ignition switch, the Accusump automatically activates when switch is on to provide pre-oiling. All manual Accusumps with 1/2" NPT can be converted. Kit includes electric control valve, toggle switch, wire, and terminals.



Accusump LED Indicator Light Kit

CAN24-295

Designed for use with Accusump systems that are actuated by an electric valve, kit uses an indicator light to display when the system is discharging oil. Sold complete with LED light assembly, wiring, and necessary terminals.



Accusump Pro Electric Pressure Control Valving

The convenience of an electric valve with the rapid refill of a manual valve. The Accusump Pro will discharge oil when oil pressure drops below the pre-set rating and only refill when the pressure rises above the setting. Includes electric control valve, toggle switch, wire, and terminals.



Part No.	Description
CAN24-271X	E.P.C. Valving Kit, 20-25 PSI Discharge/Refill
CAN24-273X	E.P.C. Valving Kit, 35-40 PSI Discharge/Refill

Check Valve CAN24-280

Check valve ensures that oil being discharged from Accusump lubricates the engine bearings and is not fed back to the pump. A must in systems where a remote filter or cooler is used. 1/2" NPT inlet and outlet.



Phenolic Carburetor Spacers and Adapters

Spacers effectively extend the carburetor barrels for improved fuel mixture and distribution. Phenolic material insulates the carburetor from engine heat, providing a denser fuel mixture and improved performance.

Rochester and Holley 2bbl Carburetor Spacers

Two-hole carb spacers have Rochester or Holley 2bbl. carburetor mounting patterns and are for use with matching intakes.



Part No.	Description
CAN85-030	Rochester 2bbl., 1" Thick (Use CAN85-520 Mounting Studs)
CAN85-032	Rochester 2bbl., 1/2" Thick (Use CAN85-510 Mounting Studs)
CAN85-040	Holley 2bbl., 1" Thick (Use CAN85-520 Mounting Studs)

Rochester Quadrajet 4bbl 4-Hole Carburetor Spacer CAN85-250

Spacer is 1" thick.

Note: carb mounting studs will not work with Rochester Quadrajet 4BBL.



Holley 4bbl 4-Hole Carburetor Spacers

Spacers are designed for use with popular 4150/4160 Holley 4bbl. 600 CFM and larger carburetors.



Part No.	Description
CAN85-150	1" Thick (Use CAN85-520 Mounting Studs)
CAN85-152	1/2" Thick (Use CAN85-510 Mounting Studs)
CAN85-154	1/4" Thick, Holley 4150/4160 (Use CAN85-510 Mounting Studs)

Holley 4bbl Open Style Carburetor Spacers

Open-style spacers increase the plenum area under the carburetor, improving fuel distribution.



Part No.	Description
CAN85-160	1" Thick, Holley 4150/4160, (Use CAN85-520 Mounting Studs)
CAN85-162	1/2" Thick, Holley 4150/4160, (Use CAN85-510 Mounting Studs)

Holley 4bbl 4-Hole Blended Carburetor Spacer CAN85-158

Specially contoured, 1" thick spacer is designed for 4150/4160 Holley 4bbl carbs and aids air flow and fuel distribution.



Holley 2bbl Carb Adapter to Holley 4bbl Intake CAN85-060

Our most popular carb spacer. Adapts Holley R4412 2bbl. carburetor to 4bbl. manifolds with the Holley bolt pattern.



Holley 2bbl Carb Adapter to GM 2bbl Intake CAN85-050

Adapts popular R4412 carburetor to stock GM 2-barrel intake, delivering improved performance.



Phenolic Carburetor Spacers and Adapters (Cont.)

Holley 2bbl Carb Adapter to Edelbrock Performer Intake CAN85-065

Used to adapt popular R4412 carburetor to Edelbrock Performer and other 4bbl. manifolds using standard Holley 4bbl. bolt pattern.



Holley 2bbl Carb Adapter to Q-Jet 4bbl Intake CAN85-070

Phenolic spacer adapts Holley R4412 2bbl. carburetor to Rochester Quadrajet 4bbl. intake manifolds.



Carb Mounting Studs

Stainless steel stud kits include four studs with locking flange nuts.



Part No.	Description
CAN85-510	2" Long 5/16"-18, Use with 1/2" Carb Spacers
CAN85-520	2-1/2" Long 5/16"-18, Use with 1" Carb Spacers
CAN85-530	4" Long 5/16"-18, Use with 2" Carb Spacers

SB Chevy Phenolic Fuel Pump Plate CAN85-000

Directly replaces steel plate between fuel pump and block to limit heat transfer.



Chevy Water Pump Mounted Drive Pulley CAN75-280

An excellent way to add an extra drive pulley. 3-3/4" diameter drive pulley mounts on the front of the water pump pulley and can be used to drive the power steering pump or alternator. Works with 5/8" or 3/4" shaft water pumps.



Fan Spacers

Durable spacers are machined from billet aluminum to fit Chevy or Ford water pumps. Fasteners and adapter bushing for 5/8" and 3/4" water pump shafts are included.

Part No.	Description
CAN75-610	1" Fan Spacer
CAN75-615	1-1/2" Fan Spacer
CAN75-620	2" Fan Spacer
CAN75-625	2-1/2" Fan Spacer
CAN75-630	3" Fan Spacer



Chevy Water Necks CAN80-005

Designed for applications where the water neck is the highest point of the cooling system. Manufactured from billet aluminum, water neck features a radiator-style filler neck and provision to accept a 1-1/2" radiator hose. Includes two 3/8" NPT ports for water return lines and a 1/2" NPT port for a temperature sender.



CAN80-015

Billet aluminum water neck provides a positive method to make sure all air is bled out of the cooling system. Water neck accepts a 1-1/2" radiator hose, includes two 3/8" NPT ports for water return lines, and a 1/2" NPT port for a temperature sender.



CAN80-090

Filler neck accepts a standard radiator cap and may be used as a replacement top for Canton water necks.



CAN80-110

Black anodized aluminum bleeder neck has a petcock for cooling system bleeding and may be used as a replacement top for Canton water necks.



CAN80-116

Billet aluminum riser plate features O-ring seals at the top and bottom, a 1/2" NPT front port for a temperature sender, and two 3/8" NPT ports for cooling lines.



Coolant Expansion/ Fill Tanks

Aluminum expansion tanks have built-in mounting brackets and accept standard radiator caps. Offered in 1-1/4 or 2-quart sizes, tanks are recommended when the top of the radiator is lower than the engine.



Part No.	Description
CAN80-200	1-1/4-Qt. Capacity, 5-1/2" Tall x 4-1/2" Wide x 3" Deep
CAN80-202	2-Qt. Capacity, 8" Tall x 5" Wide x 4" Deep

Coolant Recovery/ Overflow Tank CAN80-201

Aluminum tank may be used as a coolant recovery tank by connecting the radiator overflow to the bottom port. Two-quart tank includes a built-in mounting bracket, vented cap, clear tube sight gauge, and 1/4" NPT bottom and side ports.





Competition Series 120 GPH Mechanical Fuel Pumps

Lightweight, die-cast aluminum fuel pumps are fitted with heat-treated, high-speed levers, anti-float springs, and flat diaphragms. Clocking feature eases plumbing. Pumps free-flow 120 GPH.

Part No.	Description
CARM4891	SB Chevy 283-400, 7-8.5 PSI
CARM60454	SB Ford 221-351W, 7-8 PSI



Ford 2300cc Mini Stock Fuel Pump CARM60565

Die-cast, marine-type pump has "clockable" 1/4" inlet and outlet.



Micro Sprint Racing Oil **NEW!**

Fully synthetic lubricant is specially-formulated to deliver maximum performance to wet-clutch Micro Sprint engines. Premium synthetic base stocks are combined with a robust additive package, resulting in reduced engine and valve train wear, while offering increased resistance to contamination and combustion by-products. Recommended for Micro, Lightning Non-Winged and Winged Outlaw, "A" Class, Jr. Sprint, Stock Non-Winged, Restricted "A" Class, 1200cc Winged and Non-Winged Sprint engines. Sold in 1-qt. bottles or in cases.



Description	1 Qt. Bottle Part No.	1 Case (12/12 Qt. Bottles)
20W-50 Micro Sprint Oil	CH04446H	CH04446H-12

Racing Oil

Racing Oil includes Champion's proprietary TVS (Thermal Viscosity Stabilizer), special lubricity modifiers, anti-wear additives, and ZDDP. Formula has proven to meet the demands of competition, providing exceptional film strength, while delivering added horsepower. Sold in 1-qt. bottles, cases, or 5-gallon buckets.



Description	1 Qt. Bottle	1 Case (12) 1 Qt. Bottles	5 Gallon Bucket
Synthetic Blend Oil			
5W-20	—	CH04230H-12	—
5W-30	—	CH04231H-12	—
10W-30	CH04104H	CH04104H-12	—
20W-50	CH04111H	CH04111H-12	—
Syn Clean Synthetic Blend Oil			
10W-30	—	CH04232H-12	—
Full Synthetic Oil			
10W	—	—	CH04362D
0W-20	—	—	CH04360D
0W-30	—	—	CH04361D
15W-50	CH04309H	CH04309H-12	—

Billet Racing 175 GPH Mechanical Fuel Pumps

CNC-machined three-valve pumps are ideal for high-power circle track use. Pumps have reinforced diaphragms, heat treated channeled levers, and large, -10AN inlet and -8AN outlet fittings. For gasoline only, pumps flow 175 GPH @ 5.0-6.5PSI.



Part No.	Description
CARM7900G	SB Chevy 283-400
CARM7904G	SB Ford 221-351W
Replacement Components	
CAR156-385	-10AN Inlet Fitting
CAR156-386	-8AN Outlet Fitting



JEREMY AND TIM PLETZ

Power Shield Break-In Oil

Power Shield delivers a barrier of protection to engine components during break-in. Oil incorporates anti-wear additives and ZDDP to provide superior protection during hard run-in conditions. Sold in 1-qt. bottles, or in cases.



Description	1 Qt. Bottle Part No.	1 Case (12/12 Qt. Bottles)
Power Shield 30W	CH04270H	CH04270H-12

Blue Flame Synthetic Blend Diesel Oil **NEW!**

Synthetic blend Blue Flame is engineered to meet the demands of next generation diesel engines. Oil offers increased oxidation resistance, longer drain intervals, reduced volatility and oil consumption. Blue Flame 15W-40 oil additionally delivers improved cold-flow properties and reduced start-up wear. Available Classic Blue Flame formula is purpose built for pre-2007 diesel engines. Sold in cases of (12) 1-qt. bottles, or (4) 1-gallon jugs.



Description	1 Case (12/1 Qt. Bottles)	1 Case (4/1-Gal. Jugs)
Blue Flame Synthetic Blend 15W-40	CH04358H-12	CH04358N-4
Classic Blue Flame Synthetic Blend 15W-40*	CH04359H-12	CH04359N-4

*Engineered for pre-2007 diesel engines.

Universal Automatic Transmission Fluid

Universal Automatic transmission fluid offers anti-shudder, anti-friction, and high-and low-temperature protection. Sold in 1-qt. bottles or in cases.

Description	1 Qt. Bottle Part No.	1 Case (12/1 Qt. Bottles)
Universal ATF	CH04355H	CH04355H-12





Racing Full Synthetic Gear Lubricant

Engineered to withstand the extreme conditions common to racing gearboxes and differentials. Lubricant includes Champion's SLI (Shock Load Inhibitor) chemistry, which has been proven to reduce heat, wear and friction. Sold in 1-qt. bottles or in cases.

Description	1 Qt. Bottle Part No.	1 Case (12/12 Qt. Bottles)
75W-90	CH04312H	CH04312H-12



Limited Slip Additive **NEW!**

Geal oil booster offers durable friction modifications to gear oils, eliminating noise, vibrations and the harshness associated with certain posi-traction, limited slip and locking differentials. Engineered for use at 1:25 dilution. Sold in 4 oz bottles or in cases.

Description	4 oz. Bottle Part No.	1 Case (12/4 oz. Bottles)
Limited Slip Additive	CH04285V	CH04285V-12



Brake Fluid

Developed for extreme racing conditions where a high dry boiling point is required. Racing DOT 4 brake fluid has proven to perform by top-tier racing teams. Heavy duty, DOT 3 and DOT 4 are also available. Sold in 12-oz. or 1-qt. bottles, or in cases.

Description	12 oz. Bottle Part No.	1 Qt. Bottle Part No.	1 Case (12/12 oz. Bottles) Part No.	1 Case (12/1 Qt. Bottles) Part No.
Heavy Duty DOT 3	CH04057K	CH04057H	CH04057K-12	CH04057H-12
Heavy Duty DOT 4	CH04054K	—	CH04054K-12	—
Racing DOT 4	CH04059K	—	CH04059K-12	—
Heavy Duty DOT 5	—	—	CH04055K-12	—
Heavy Duty DOT 5.1	—	—	CH04056K-12	—



Power Steering Fluid

Premium quality fluid meets the requirements of major domestic and foreign automobile manufacturers. Sold in 12-oz. or 1-qt. bottles, or in cases.

12 oz. Bottle Part No.	1 Qt. Bottle Part No.	1 Case (12/12 oz. Bottles) Part No.	1 Case (12/1 Qt. Bottles) Part No.
CH04182K	CH04182H	CH04182K-12	CH04182H-12



Chassis Grease

Poly 7 550°F High-Temp Grease, Moly EP Grease and Amber Lithium Grease are well suited for use as chassis or wheel bearing grease. Sold in 14-oz. cartridges or in cases of (40) cartridges.

Description	14 oz. Cartridge Part No.	1 Case (40/14 oz. Cartridges) Part No.
Poly 7 550° High Temp Grease	CH04050T	CH04050T-40



Aerosol Cleaners

Description	1 Aerosol Can	1 Case (12 Aerosol Cans)
Carburetor Cleaner, 13 oz.	CH04121KC	CH04121KC-12
Engine Degreaser, 16 oz.	CH04123I	CH04123I-12
Brake Cleaner, Chlorinated, 19 oz.	CH04126P	CH04126P-12
Brake Cleaner, Non-Chlorinated, 15 oz.	CH04525I	CH04525I-12

CH04123I



UltraFleet Full Synthetic CK-Series Diesel Oil **NEW!**

Full synthetic, 5W-40 CK-4 series diesel oil meets requirements of next generation diesel engines, delivering high TBN retention, increased wear protection, oxidation resistance, longer drain intervals and improved fuel economy. Lubricant meets many of the requirements specified by Cummins, Detroit Diesel, Ford, Cat, and Renault. Sold in 1-gallon jugs or in cases of (4) 1-gallon jugs.

Description	1 Gallon Jug Part No.	1 Case (4) 1-Gallon Jugs Part No.
UltraFleet Full Synthetic 5W-40	CH04164N	CH04164N-4



Fuel Stabilizer **NEW!**

Dual function fuel additive stabilizes fuel for quicker start-up, while simultaneously cleaning the fuel system for improved efficiency. Product keeps gasoline or diesel fuel fresh, preventing corrosion and varnish build-up for up to a 12-month period. Requires just one ounce per 2-1/2 gallons of fuel. Sold in 8-oz. bottles or in cases.

Description	8 oz. Bottle Part No.	1 Case (12/8 oz. Bottles) Part No.
Fuel Stabilizer	CH04205M	CH04205M-12



Octane Treatment **NEW!**

Specialized fuel additive offers modest improvements in octane, while improving combustion efficiency. Metal-free formula is safe for catalytic converters and oxygen sensors, and uses dispersants for multi-tank clean-up of port fuel injectors and corrosion inhibition. Sold in 12-oz. bottles or in cases.

Description	12 oz. Bottle Part No.	1 Case (12/12 oz. Bottles) Part No.
Octane Treatment	CH04276K	CH04276K-12



Sprint Wax **NEW!**

Cleans and shines paint, plastic, chrome, and tires quickly, leaving a high-gloss, low-drag shine. Spray-on wax requires no pre-wash and may be used in direct sunlight. Sold in 12 oz. bottles, or in cases.

Description	12 oz. Bottle Part No.	1 Case (12/12 oz. Bottles) Part No.
Sprint Wax	CH04301S	CH04301S-12





Spark Plugs

Provide spark for a Street Stock Warrior or a 400+ cubic inch Late Model. Plugs use an exclusive chromium-nickel ground electrode for superior erosion resistance and extended life. The copper core center electrode enhances thermal capacity for peak performance at all engine speeds. **Please see page 843 for applications.**



Small Block Chevy Wet Sump Oil Pans

Stock Appearing

Stock appearing, 7-1/2" deep five-quart (including oil filter) pans incorporate 6" trap doors, crank scraper, and windage tray for effective oil control.



Part No.	Description
CHACP40	SB Chevy 1957-79 Oil Pan
CHACP40R	SB Chevy 1980-85 Oil Pan
CHACP40RB	SB Chevy 1986-Up Oil Pan, 1-Pc. Rear Main Seal
CHA40SB	Oil Pump Pickup, High-Volume Pump, (MELM55HV)

Claimer 7" Deep

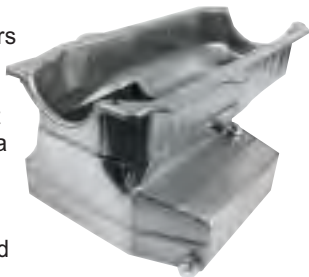
Affordable claimer pans are ideal for IMCA-style Modifieds. Seven quart (including oil filter) pans are kicked out to the right side 3-1/4", include three trap doors, and crank scraper. CHACP57LT also includes horsepower-saving, removable louvered windage tray. Compatible with stock type starters and flywheels.



Part No.	Description
CHACP57	SB Chevy 1957-85 Oil Pan
CHACP57LT	SB Chevy 1957-85 Oil Pan, with Louvered Windage Tray
CHACP57RB	SB Chevy 1986-Up Oil Pan, 1-Pc. Rear Main Seal
CHA100SB	Oil Pump Pickup, High-Volume Pump, 5/8" Dia. (MELM55HV)
CHA100BB	Oil Pump Pickup, High-Volume BB Chevy Pump, 3/4" Dia. (MELM77HV)
CHA1001SB	Oil Pump Pickup, (MELM155HV), 3/4" Dia.
CHA1003SB	Oil Pump Pickup, (MEL10555)

Claimer 8" Deep

Designed for stock front stub cars with the stock engine location. Each eight-quart (including oil filter) pan is kicked out to the right side 3-1/4" with three trap doors, a crank scraper, and oil level check plug. CHACP55LT includes a removable louvered windage tray. Works with stock type starters and flywheels.



Part No.	Description
CHACP55	SB Chevy 1957-85 Oil Pan
CHACP55LT	SB Chevy 1957-85 Oil Pan, with Louvered Windage Tray
CHACP55LTRB	SB Chevy 1986-Up Oil Pan, with Louvered Windage Tray
CHA80SB	Oil Pump Pickup, High-Volume Pump, 5/8" Dia. (MELM55HV)
CHA80BB	Oil Pump Pickup, High-Volume BB Chevy Pump, 3/4" Dia. (MELM77HV)
CHA1004SB	Oil Pump Pickup, (MEL10555)

Competition Series 8" Deep

Top-of-the-line wet sump pan is engineered for stock cross-members or rear steer linkage. Eight-quart (including oil filter) pan incorporates four trap doors, crank scraper, two runners, louvered windage tray, oil temperature fitting, and oil check level plug. Compatible with stock type starters and flywheels.



Part No.	Description
CHACP80LT	SB Chevy 1957-85 Oil Pan, with Louvered Windage Tray
CHA80SB	Oil Pump Pickup, High-Volume Pump, 5/8" Dia. (MELM55HV)
CHA80BB	Oil Pump Pickup, High-Volume BB Chevy Pump, 3/4" Dia. (MELM77HV)
CHA1004SB	Oil Pump Pickup (MEL10555)

Competition Road Race 7" Deep

NEW! CHACP100KORB-RR

Designed for road race applications using a Chevrolet Camaro front stub, small block Chevy oil pan includes a full length kick-out, seven trap doors, three crank scrapers, two runners and a removable, louvered windage tray for maximum oil control. Steel, clear zinc finished pan is for 1986-up one-piece rear main seal applications and has a 8-quart capacity with filter. Compatible with OEM or mini starters.



Part No.	Description
CHACP100KORB-RR	SB Chevy 1986-03, 8-Qt. Capacity
CHA1013SB	Oil Pump Pickup, 3/4" Dia. (MELM155, MEL10554, MEL10554ST)

Competition Series 7" Deep

Eight-quart (including oil filter) pans fit cars with Camaro front stubs. Features six trap doors, three crank scrapers, two runners, oil temperature fittings, and oil level check plugs. Pans that include an "LT" suffix include the addition of a removable, louvered windage tray for improved oil control. Pans work with stock or mini starter and stock flywheels.



Part No.	Description
CHACP100	SB Chevy 1957-85, 8 Qt. Capacity
CHACP100LT*	SB Chevy 1957-85, 8 Qt. Capacity
CHACP100RB	SB Chevy 1986-Up, 8 Qt. Capacity
CHACP100LTRB*	SB Chevy 1986-Up, 8 Qt. Capacity
CHA100SB	Oil Pump Pickup, High-Volume Pump, 5/8" Dia. (MELM55HV)
CHA100BB	Oil Pump Pickup, High-Volume BB Chevy Pump, 3/4" Dia. (MELM77HV)
CHA1003SB	Oil Pump Pickup, High-Volume BB Chevy Pump, 3/4" Dia. (MEL10555)

* Signifies oil pan with removable, louvered windage tray.



Competition Series Kickout

Steel, kickout design oil pans provide extra ground clearance for asphalt race cars. Kickouts improve oil control and provide increased horsepower. Six trap doors, three crank scrapers, louvered windage tray, oil temperature fitting, and oil level check plug are incorporated into each pan. Pans must be used with a mini starter.



Part No.	Description
CHACP81KO	SB Chevy 1957-85, 8" Deep, 8-Qt. Capacity
CHACP100KO	SB Chevy 1957-85, 7" Deep, 8-Qt. Capacity
CHACP103KO	SB Chevy 1957-85, 6-1/2" Deep, 8-1/2-Qt. Capacity
CHACP106KO	SB Chevy 1957-85, 6-1/2" Deep, 7-Qt. Capacity
CHA100SB	Oil Pump Pickup, High-Volume Pump, 5/8" Dia. (MELM55HV), for CP100KO
CHA100BB	Oil Pump Pickup, High-Volume BB Chevy Pump, 3/4" Dia. (MELM77HV), for CP100KO
CHA106SB	Oil Pump Pickup, High-Volume Pump, 5/8" Dia. (MELM55HV), for CP106KO
CHA1001SB	Oil Pump Pickup, High-Volume Pump, 3/4" Dia. (MEL155HV), for CP100KO
CHA1003SB	Oil Pump Pickup, Std.-Volume Pump, 3/4" Dia. (MEL10555), for CP100KO
CHA1106SB	Oil Pump Pickup, High-Volume Pump, 5/8" Dia. (MELM55HV), for CP103KO/CP106KO

Note: Champ pans will NOT work with a stock type dipstick in the block. Pans have a block-off on each pan rail for use with LH or RH blocks. Check the oil level using the supplied oil plug or use the CHAJR131 dipstick.

Aluminum Pro Series Kickout

Fully fabricated, aluminum wet sump oil pans incorporate full-length kickouts on the right side, louvered windage trays, and oil check level plugs. Pans require a mini starter.



Part No.	Description
CHAPRO1102KO	SB Chevy 1957-85, 7" Deep, 10-Qt. Capacity, 5 Trap Doors
CHAPRO3100KO	SB Chevy 1957-85, 7-1/4" Deep, 9-Qt. Capacity, 4 Trap Doors
CHA1008SB	Oil Pump Pickup, 5/8" Dia. High-Volume Pump
CHA1703SB	Oil Pump Pickup, 3/4" Dia. (MELM10555)

Universal Dipstick Assembly CHAJR131



Fits most Champ wet sump oil pans.

Small Block Chevy Dry Sump Oil Pans

Standard Competition Series

CHACP150R12

Steel 4-1/2" deep pan has two crank scrapers and a removable windage tray that provides maximum oil flow to the pick-up. Pan has two -12AN fittings located on the right side.



Pro Series

Asphalt or dirt steel pans are 5" deep with full-length kickouts that will clear mechanical fuel pumps. Pans have left side inspection holes. The asphalt pan is notched in the front to 3-7/8" for cross-member clearance and requires a reverse mounted starter.



Part No.	Description
CHACP-PRO150R3A	SBC Pro Series Dry Sump Pan, Asphalt Applications
CHACP-PRO150R3D	SBC Pro Series Dry Sump Pan, Dirt Applications

Aluminum Competition Series

CHAPRO172R3A

Small block Chevy aluminum dry sump pan is fabricated from .100" aluminum and features a full-length, right-side kickout all the way from the pan rail to the bottom of the pan.



Pan, which fits 1957-85 two-piece rear main seal applications, is 4-1/4" deep with (3) -10AN ports on the right side, has an inspection hole, and sufficient clearance for a mechanical fuel pump.

Aluminum Pro Series 4-1/4" Deep

CHAPRO172L3A

Engineered for asphalt late models including Lefthander or Port City chassis, fully-fabricated



aluminum oil pan is just 4-1/4" deep and features (3) -10AN ports on the left side. Small block Chevy 1957-85 pan offers necessary clearance for a mechanical fuel pump, includes a full-length kickout pouch, inspection hole, and drain plug.

Aluminum Pro Series Dart SBC 4-1/4" Deep

NEW! CHAPRO182R3A

Engineered for asphalt models fit with Dart small block Chevy engines, aluminum pan is fabricated from .100" aluminum with a kickout pouch that extends from the pan rail to the bottom of the pan.



Pan features (3) -12AN O-ring ports at the top right side, an inspection hole, and drain plug.



Small Block Ford Wet Sump Oil Pan Competition Series 7" Deep

Small block Ford 302-351W, 7" deep steel oil pan combines six trap doors, one crank scraper, and louvered windage tray to deliver effective oil control. Pan has a 10-1/2-qt. capacity, and includes an oil temperature fitting and oil level check plug. Compatible with stock or mini starters.



Part No.	Description
CHA302SB	Oil Pump Pickup, 302
CHA351SB	Oil Pump Pickup, 351W

Competition Oil Pump with Pickup CHA506SB

Engineered for use with small block Chevy, 6-1/2" deep oil pans, re-worked Melling M10550 oil pump features anti-cavitation grooves, a relocated side inlet, and 3/4" dia. pickup, providing a 3-5% increase in oil flow.



Oil Pump Pickup for Schumann's Oil Pump CHA1025SB

Designed for use with small block Chevys fitted with a 7" deep oil pan and AFM/Schumann's 140 XVDF oil pump, pickup is 3/4" dia.



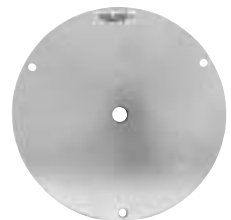
Oil Separator Tank CHAJR910

Fabricated aluminum oil separator tank is just 3" x 4" in size yet has proven to add up to 10 horsepower in the upper RPM range.



Mud Cap Rings and Covers

Aluminum mud cap rings and steel expander rings include three quick-fastener springs for quick removal of mud covers. Beadlock wheels require only the proper mud cap ring and cover, while non-beadlock wheels use an expander ring and cover. Offered for most popular wheels.



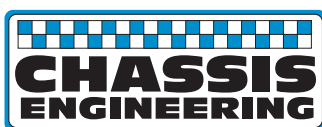
CHAJR1031

Description	Mud Cover Part No.	Expander Ring Part No.	Mud Cap Ring Part No.
Older Style Beadlock Rings w/o Tabs	CHAJR1031	—	—
Aero Beadlock Wheels	CHAJR1031	—	—
Older Weld Beadlock Wheels w/ Small Bead Groove	CHAJR1041	CHAJR1040	—
Aero/Basset/Bart and Steel Wheels w/ Small Bead Groove	CHAJR1041-B	CHAJR1040	—
New Style Weld Non-Beadlock w/ Wider Bead Groove	WELP650-4514A-6	CHAJR1040-W*	—

* Allows use of standard Weld Racing mud cover on non-beadlock wheels without tabs.

Pit Area Floor Mat CHACP10

Non-flammable, grease- and oil-resistant foam rubber mat provides comfort when working in the pit or on shop floor. Mat is 48-1/2" x 32" x 1-1/2" thick.



Quick-Release Pins

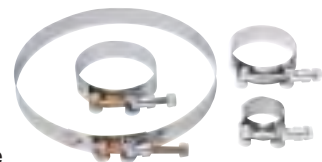
Use on any components that must be removed or disconnected quickly. A push button operates the locking ball mechanism which provides positive retention.



Part No.	Diameter	Grip
CCE2035	3/8"	1"
CCE2045	3/8"	2"

Heavy-Duty Stainless T-Bolt Band Clamps

Made from the highest quality stainless steel with a stainless T-bolt and Nylock lock nut for positive clamping that can't come loose.



Part No.	Diameter
CCE2152	1.25" to 1.37" Clamp
CCE2157	1.56" to 1.70" Clamp
CCE2173	2.56" to 2.87" Clamp



JASON CONGDON



ANDREW BOGART

WYNTER ROSE/DIRT XTC IMAGES

Chassis R&D™

Chassis R&D has developed the technology race teams need to set up cars before going to the track. Innovative software provides the correct answers concerning chassis setup for each race car. Trial and error is eliminated as all of the changes are done by the computer. In addition to winning teams in Sprint Cup, Nationwide, Camping World Truck, and Hooters Cup, Chassis R&D software is also used by builders of dirt and asphalt late models, modifieds, sports cars, and sprint cars.

Race Car Technology CD

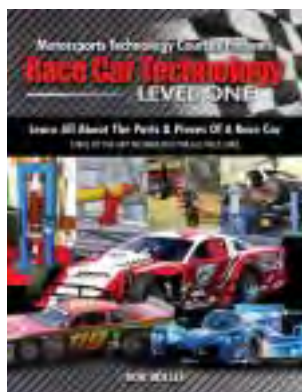
NEW!

A series of books designed to educate racers, crew personnel and other enthusiasts in race car set-up and design, with the goal of achieving maximum performance. Each book, authored and published by renowned race car engineer and technical author, Bob Bolles, discusses the process of setting up a race car, illustrating how each component not only functions but how it interacts with other components on the car. Covering a wide range of cars, from street stocks to state-of-the-art road racing and formula cars, the information provided is up-to-the-date in every aspect and explained in easily understood, everyday language so that anyone can benefit. Offered in CD, paperback, or hard cover versions.



Roll Center/Geometry Software CRD2001

Roll Center Program enables racers to quickly re-design chassis and view the changes on-screen. It is the only program available that outlines an easy re-design of roll center location. Display the existing control arms angles and lengths, then make changes and evaluate the impact. Shows how to locate the front roll center point. When dive and roll are entered, the program displays how the roll center shifts in the turns and simultaneously calculates gains in camber. Calculate center of gravity, height and desired corner weights from front to rear, side to side, and determine cross weight percentages. Extensive help files located within the program may be printed out.



The Advanced Dirt Car Set-Up Software CRD2002

Patented software determines best setup to make all four tires work. Software helps race teams choose the best springs, Panhard/J-bar height, sway bar size, and weights to improve balance in the turns so the car can produce consistent lap times race after race.



The Advanced Asphalt Car Set-Up Software CRD2004

Patented software for "big bar/soft spring" or conventional asphalt chassis set-up outlines the correct spring rates, sway bar diameters, Panhard bar heights, etc., eliminating endless hours of trial-and-error testing.



Part No.	Description
CRD-2010	Race Car Technology, Level 1, CD
CRD-2020	Race Car Technology, Level 2, CD
CRD-2030	Race Car Technology, Level 3, CD
CRD-2040	Race Car Technology, Full Course (Level 1, 2 & 3), Composite Paperback Book
CRD-2050	Race Car Technology, Limited Edition (Level 1, 2 & 3), Composite Hardcover Book



STEVE DORNER

STAN KALWASINSKI



PERFORMANCE

CT525 6.2L/525 Horsepower Crate Engine

NEW! GMP19418211

An ideal powerplant for high-powered Super Late Models, aluminum LS series block is fitted with a nodular iron crankshaft, hypereutectic 10.7:1 pistons, powdered steel connecting rods, SFI-approved harmonic balancer, and hydraulic roller camshaft. Engine is topped with LS3 cylinder heads with 2.165" intake/1.590" exhaust valves and cast roller trunnion 1.7:1 rocker arms. Finished with oil pan, ignition coils, plug wires, aluminum single plane 4bbl intake manifold, flexplate and front timing cover. **Available by special order only.**

Note: Water pump and exhaust manifolds not included.



CT525 Specifications

Displacement	376 Cu. In.
Bore x Stroke	4.060" x 3.620"
Horsepower	525 @ 6,700 RPM
Torque, Ft./lbs.	471 @ 5,000 RPM
Camshaft Duration	226°/236° @ .050"
Valve Size	2.165"/1.590"
Compression Ratio	10.7:1
Recommended Fuel	92 Octane
Maximum Recommended RPM	6,700 RPM

CT400 350 Cu. In./400 Horsepower Crate Engine

GMP19370604

The CT400 now features Fast Burn cylinder heads with beehive valve springs for improved high-RPM performance and durability. Factory-sealed, externally-balanced 350 cu. in., 400 horsepower engine additionally includes a forged steel crankshaft, 8-qt. circle track oil pan, hydraulic roller camshaft, aluminum roller rocker arms, 9.7:1 compression ratio, and a high rise aluminum intake manifold. Carburetor, starter, ignition, plug wires, water pump, distributor, and exhaust not included.

Note: Requires an externally balanced flywheel/flexplate. Distributor with melonized gear must be used on engines with steel camshafts, or engine damage will occur.



Part No.	Description
GMP12551313	Exhaust Valve, 1.550", Each
GMP12555331	Intake Valve, 2.000", Each
GMP19201172	Rebuild Gasket Set, Fits 88869604, 19318604, 88958604, ZZ383, ZZ5 and Fast Burn 385 Engines

CT 400 Specifications

Displacement	350 Cu. In.
Bore x Stroke	4.000" x 3.480"
Horsepower	400 @ 5,500 RPM
Torque, Ft./lbs.	400 @ 4,500 RPM
Valve Lift	.474"/.510"
Camshaft Duration	208°/221° @ .050"
Valve Size	2.000"/1.550"
Compression Ratio	9.72:1 Nominal
Recommended Fuel	92 Octane
Maximum Recommended RPM	5,800 RPM

CT350 350 Cu. In./350 Horsepower Crate Engine GMP19418602

Factory-sealed, 350 cu. in./350 horsepower crate engine is designed exclusively for circle track racing. Externally-balanced, 9.1:1 compression ratio engine is fitted with a nodular iron crankshaft, 8-qt. circle track oil pan, hydraulic flat tappet camshaft, cast iron Vortec cylinder heads, HEI distributor, and aluminum dual plane intake manifold. Carburetor, starter, water pump, exhaust manifolds, and flywheel/flexplate not included.



Part No.	Description
GMP19154761	Valve Spring Kit, Includes (16) 10212811 Springs and (16) 10241744 Retainers
GMP19201171	Rebuild Gasket Set, Fits 88869602, 19258602, 88958602, HT383 and 350 HO Engines

CT350 Specifications

Displacement	350 Cu. In.
Bore x Stroke	4.000" x 3.480"
Horsepower	350 @ 5,000 RPM
Torque, Ft./lbs.	390 @ 3,800 RPM
Valve Lift	.435"/.460"
Camshaft Duration	212°/222° @ .050"
Valve Size	1.940"/1.500"
Compression Ratio	9.12:1 Nominal
Recommended Fuel	92 Octane
Maximum Recommended RPM	5,500 RPM

SB Chevy Bowtie Sportsman Blocks

Bare, cast iron, competition blocks are precisely machined with four-bolt, nodular iron main caps, tall lifter bores and extra smooth gasket surfaces for superior sealing.



Part No.	Finished Bore	Max. Bore	Main	Rear Seal
GMP12480047	3.980"	4.155"	350	2-Pc.
GMP12480157	4.117"	4.155"	350	2-Pc.

Chevy Distributor Hold-Down Clamp GMP10096197

Rigid clamp secures the distributor on all Chevys.



Forged Steel Crankshaft GMP12670965

Forged 1053 steel crankshaft is designed to replace the cast or steel units found in November, 1998-up ZZ4 engines. Must be used with GMP10108688 connecting rods and GMP10159436 pistons.





PERFORMANCE

SB Chevy Factory Stock Oil Pan **NEW!** GMP25534353

The same oil pan fitted small block Chevy circle track engines, steel pan is 8" deep with a 3-1/2" right side kickout. Black powder-coated pan includes a fully louvered windage tray, oil scraper, and three trap doors to offer effective oil control. Sold complete with 3/4" dia. pickup, pan has an 8-qt. capacity.



SB Chevy 5.700" Connecting Rod **NEW!** GMP10108688

Powdered metal, 5.700" long I-beam connecting rods, which have been proven in popular GM L1 and LT4 engines, are capable of withstanding applications with up to 500 horsepower that run up to 6,500 RPM. Press fit rods are sold each.



SB Chevy Rocker Arm Kit **NEW!** GMP12495490

Kit includes (16) stamped steel rocker arms complete with pivot balls and nuts. Rocker arms have a 1.5:1 ratio, and fit all small block Chevy V8 or V6 except 1997-up LS engines.



SB Chevy Cast Iron Vortec Cylinder Head GMP12691728

Completely-assembled, cast iron cylinder head has high-velocity ports and fast burn combustion chambers for significant horsepower and torque increases. Outfitted with 1.94" intake and 1.50" exhaust valves, 3/8" rocker studs, springs, seals, and locks. Vortec style intake manifold is required. Sold individually.



Note: The valve guide bosses must be machined when using a camshaft with over .475" lift. Valve seats may be re-machined to accept 2.02" intake and 1.60" exhaust valves.

SB Chevy Aluminum Fast Burn Cylinder Head

High-flowing, Fast Burn 23° aluminum cylinder head delivers maximum performance to small block Chevys. Head uses beehive valve springs for improved high-RPM performance and durability, and is assembled with 2.000"/1.550" valves. Sold individually.



Part No.	Description
GMP19300955	Fast Burn Aluminum Cylinder Head
GMP19301685	Intake Manifold Gaskets for 19300955

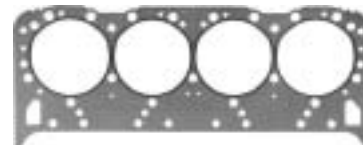
SB Chevy Cylinder Head Bolt Kit GMP12495499

Engineered for use with iron or aluminum small block cylinder heads, kit includes (14) 10168525, (4) 10168526, and (16) 10168527, and thread sealant.



SB Chevy Composition Head Gasket GMP12557236

Composition-style head gasket is for use on ZZ4 or 350HO engines fitted with iron or aluminum cylinder heads. Gasket includes stainless steel fire rings for added durability, a 4.100" gasket bore and .051" compressed thickness. Sold each.



Beehive Spring Conversion Kit for "604" Crate Engine GMP19300952

Increase high RPM capability and valvetrain stability of "604" crate engines. Applicable to aluminum Fast Burn cylinder heads, kit includes beehive springs, retainers, keepers, and spring seats that directly replace the OEM components. Includes sufficient components for one pair of cylinder heads. Springs may also be purchased separately.



Part No.	Description
GMP19420455	Beehive Valve Springs, Set of 16

Valve Spring Kit for "602" Crate Engine GMP19154761

Valve spring kit is designed for use on GM Performance Parts CT350/350 ("602") or 350 HO engines. Kit includes (16) GMP10212811 valve springs. Springs are 1.250" O.D., have 80 lbs. of seat pressure at 1.700" installed height, and a rate of 256 lbs.



LS Valve Spring Kit GMP12625033

Standard LS6/LS3 beehive valve spring kit. Sold in set of 16. Springs are 1.250" O.D., offer 90 lbs. of seat pressure @ 1.800" installed height, and .550" maximum lift. Requires GMP10166344 retainers.



Hydraulic Roller Camshaft GMP24502586

Suited to a wide array of applications, small block Chevy LT4 steel hydraulic roller camshaft includes 218°/228° duration @ .050" and .492" valve lift with 1.5:1 ratio rocker arms. Distributor with melonized gear must be used.





PERFORMANCE

Rear Main Seal Housing GMP14088556

Replacement housing for 1986-up small block Chevy.



SB Chevy Valve Spring Retainers and Keepers



Part No.	Description	Application
GMP10241744	Retainers, Set of 16	"602" Crate, 350 HO, 350 Ram Jet, HT383
GMP19171528	Lightweight Retainers, Set of 16	"604" Crate, ZZ4, Fast Burn, LT4, Vortec Bowtie
GMP19169661	Heavy Duty Retainers, Set of 16	Fast Burn, Vortec Bowtie
GMP12495503	Valve Spring Keepers, Set of 16 Pair	11/32" Valve Stems, "602"/"604" Crate Engines

Valves for CT350/400

Stock replacement valves are engineered for use in popular CT350/400 engines. Sold each.

Part No.	Description
GMP12551313	Exhaust Valve, 1.550", Each
GMP12555331	Intake Valve, 2.000", Each



SB Chevy Pushrods for "604" Crate Engine GMP12371041

Heavy-duty, 1010 steel 5/16" diameter pushrods are designed for use in "604" hydraulic roller crate engines without guide plates. Pushrods are .060" wall x 7.122" long. Sold in sets of 16.



SB Chevy Aluminum Roller Rocker Arms GMP19210728

Increase valve train durability in small block Chevy engines including "604" crate engines. Rocker arms include 1.5:1 ratio and are designed for use with 3/8" studs. Sold in set of 16.



LS Series Center-Bolt Valve Covers

Rigid, cast aluminum valve covers provide exceptional sealing qualities. Valve covers are cast with the Chevrolet bow tie logo and fit all LS series engines. Sold individually.



Part No.	Description
GMP25534398	Cast Aluminum Valve Cover, Single Breather Hole, Each
GMP25534399	Cast Aluminum Valve Cover, No Hole, Each

SB Chevy Competition Center Bolt Valve Covers GMP25534359

Stamped steel, 1986-up center bolt design valve covers utilize a circle track design with (2) breathers on one cover and none on the opposite cover. Sold per pair, valve covers have a black painted finish.



Chevrolet Performance Valve Cover Breathers **NEW!** GMP25534355

Clamp-on, circle track-style hooded breathers are emblazoned with the Chevrolet bowtie emblem. Breathers have 1.375" I.D. to fit GMP25534359 valve covers. Sold per pair.



LS Flywheel/Flexplate Bolt Kit GMP11569956

Special metric fasteners retain the flywheel/flexplate to crankshaft on GM LS engines. Fasteners are 11 x 1.5 x 23.5 long.



Chevy HEI Distributor **NEW!** GMP93440806

All-new, HEI distributor includes cap, rotor, coil, mechanical and vacuum advance, and a melonized steel .490" dia. distributor gear for use with roller camshafts.



Trailer Accessories

Affordable equipment for any race car trailer, Clear One components are built from impact-resistant plastic with attractive black textured finishes. Mounting hardware is included with all products.

Door/Wall Cabinet with Paper Towel Holder CLRTC156

Large cabinet has three shelves for aerosol cans and similar size items, and a two-roll paper towel holder. Measures 23" wide x 37" high x 4.5" deep.



Small Door Cabinet CLRTC138

Compact, lightweight cabinet has two shelves for aerosol cans or similar size items and a single paper towel holder. Measures 12" wide x 23.3" high x 4.8" deep.





Head-and-Neck Restraint Holders **NEW!**

Safely store head-and-neck restraints out of harm's way. Attaches easily to trailer or garage wall.



Part No.	Description
CLRTC252	Hans Sport Model HNR Holder, 16" H. x 14" W. x 6" D.
CLRTC262	Hybrid Pro HNR Holder, 13" H. x 11" W. x 5" D.

Helmet Bays

Bays include foam-lined storage area for helmet and an apparel hook. Deluxe unit includes a shelf for neck collar, gloves, etc.



Part No.	Description
CLRTC116	Helmet Bay, 15"W x 13"H x 13"D
CLRTC151	Deluxe Helmet Bay, 15.5"W x 14"H x 13"D

Tie-Down Hanger CLRTC100

Stores up to six tie-downs. Measures 12" wide x 3" high x 3" deep.



"D" Cell Flashlight Holder CLRTC102

Holds various "D" cell flashlights. Measures 3.5" wide x 7" high x 4" deep.



Universal Cord/Hose Hanger CLRTC115

Rigid hanger stores electrical cords and air hoses. Measures 4.5" wide x 5" high x 4" deep.



Funnel Holder CLRTC134

Stores triangular funnels out of the way. Measures 17" wide x 3" high x 11" deep.



Collapsible Chair Rack CLRTC128

Rack secures up to three collapsible chairs. Measures 21.5" wide x 4" high x 6.5" deep.



Canopy Straps CLRTC130

Wall-mount, 2" wide adjustable straps hold 10' x 10' or 10' x 20' pit canopies during transport. 11.5" wide x 4.5" high x 1" deep.



Broom Holders

Wall-mount holders keep brooms stored up and out of the way, yet readily available for convenient clean-up. One-piece holders are available to secure standard or large push brooms.



Part No.	Description
CLRTC180	Broom Holder, 13"W x 11"H x 5"D
CLRTC182	Push Broom Holder, 24"W x 10"H x 8"D

Jack Pouch CLRTC132

Designed to be wall mounted, unit secures aluminum race jacks up and out of the way. Measures 18" wide x 25.5" high x 5.5" deep.



Paper Towel Rack CLRTC141

Compact towel rack may be mounted horizontally or vertically. Measures 11.5" wide x 4.5" high x 5" deep.



Tire Gauge Pouch CLRTC144

Stores tire gauges up to 3.25" wide and 1.75" deep. Measures 3.3" wide x 3.5" high x 2" deep.



Fuel Jug Racks

Secures round or square fuel jugs in trailer. Offered in 1-, 2-, 3-, or 4-bay versions.

Part No.	Description
CLRTC108	1-Bay, 12"W x 11"H x 12"D
CLRTC109	2-Bay, 24"W x 11"H x 12"D
CLRTC110	3-Bay, 36"W x 11"H x 12"D
CLRTC111	4-Bay, 48"W x 11"H x 12"D



Aerosol Can Shelves

Lightweight, single shelf units keep aerosol cans handy and organized. Offered in two sizes.

Part No.	Description
CLRTC117	8-Can Aerosol Can Shelf, 22" Wide x 4.5" High x 3.5" Deep
CLRTC118	12-Can Aerosol Can Shelf, 33" Wide x 4.5" High x 3.5" Deep



Oil Quart Racks

Floor-mounted racks store oil neatly. Offered in two sizes.

Part No.	Description
CLRTC119	6-Quart Oil Rack, 16" Wide x 5.5" High x 5" Deep
CLRTC120	12-Quart Oil Rack, 30.5" Wide x 5.5" High x 5" Deep



Jack Pads CLRTC147

Non-skid, 20,000-lb. capacity pads may be used for trailer tongue jacks, RV leveling jacks, etc. A nylon rope handle is included. Sold in pairs.



Shatterproof Mirror CLRTC145

High-impact, 9" wide x 12" high x 1/8" thick plastic mirror mounts to front of trailer in a position to allow viewing the coupler from the rear view mirror of the tow vehicle.



Vinyl Door Strips

Clear vinyl door strips keep dirt and dust out and keep air conditioned trailers cool with the door open. All installation hardware is included.

Part No.	Description
CLRTC158	Vinyl Door Strips, Fits 4' x 6' Door Opening
CLRTC159	Vinyl Door Strips, Fits 4' x 7' Door Opening





Hex-A-Just® True® Roller Timing Chain Sets

Make quick and precise cam timing changes with no troublesome offset bushings or keyways. Torrington thrust bearings reduce friction between the block and cam sprocket. Most sets are offered with .005" or .010" reduced center distance.



Description	Standard Part No.	-.005" Part No.	-.010" Part No.
SB Chevy, 1955-Up 265-400	CL09-3100A	CL09-3100A-5	CL09-3100A-10
SB Chevy 1955-Up 265-400 with BB Chevy Crank Snout	CL09-3100B	—	—
SB Chevy, 1985-Up 305-350	CL09-3145A	—	—
SB Chevy "Rocket" Block	CL09-3146A	CL09-3146A-5	—

Hex-A-Just True® Roller Timing Chain Sets with "Z" Chain

Engineered for extreme racing conditions, Hex-A-Just True Roller timing sets include the addition of the exclusive, double-roller "Z" chain that incorporates proprietary, heat-treat processing for 33% more strength compared to existing chains. Selected sets are offered with standard or .005" reduced center distance.



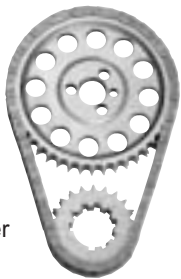
Part No.	Description
CL09-3100AZ	SB Chevy, 1955-Up 265-400
CL09-3146BZ	SB Chevy "Rocket" Block, BB Chevy Snout
CL09-3146BZ-5	SB Chevy "Rocket" Block, BB Chevy Snout, .005" Reduced Distance
CL09-130Z	Replacement Timing Chain for CL09-3100AZ

Replacement Hex-A-Just® Bushing CLOP9005



Billet True® Roller Timing Chain Sets

Sets have heat-treated steel billet cam sprockets, nine keyway crank sprockets for easy cam degreasing and a seamless, true roller chain.



Part No.	Description
CL09-3500TX9	SB Chevy, 1955-Up 265-400 with Torrington Bearing
CL09-3600BTX3*	SB Chevy with BB Chevy Snout Sizing, with Torrington Bearing NEW!
CL09-3600TX9	SB Chevy, Race Billet with Torrington Bearing, 9 Keyway
CL09-3600TX9-10	SB Chevy, Race Billet with Torrington Bearing, 9 Keyway, .010" Reduced
CL09-3545X9	SB Chevy, 1985-Up 305-350
CL09-3646BTX3†	SB Chevy Dart/GM/Rocket Block with BB Chevy Snout Sizing, "Z" Chain, with Torrington Bearing NEW!
CL09-3535X9	SB Ford, 1962-84 221-351W
CL09-3635X9	SB Ford, 1962-84 221-351W, Race Billet, 9 Keyway
CL09-3635X9-5	SB Ford, 1962-84 221-351W, Race Billet, 9 Keyway, .005" Reduced

* Signifies set with 3-keyway crankshaft gear. † Set with 3-keyway crankshaft gear and heavy duty "Z" chain.

Original True® Roller Timing Chain Sets

Chains have oversized .250" dia. rollers that actually spin as they enter and exit the sprocket teeth, dynamically-balanced cast iron or ductile iron cam sprockets, and heat-treated, multiple keyway crank sprockets.



Description	Standard Part No.	-.005" Part No.	-.010" Part No.
SB Chevy, 1955-Up 265-400	CL09-3100	CL09-3100-5	CL09-3100-10
SB Chevy, 1985-Up 305-350	CL09-3145	CL09-3145-5	—
SB Ford, 1962-84 221-351W	CL09-3135	CL09-3135-5	CL09-3135-10

Heavy-Duty Timing Chain Sets

Cloyes heavy-duty timing chain sets include roller chains with .200" dia. rollers, high-quality cast iron cam sprockets and heat-treated, carbon steel crank sprockets. Part numbers with an "X" have three keyways in the crank sprocket.



Part No.	Description
CL0C-3023SP	SB Chevy, 1955-Up 265-400, 1 Keyway
CL0C-3023XSP	SB Chevy, 1955-Up 265-400, 3 Keyways
CL0C-3054X	SB Ford, 1962-84 221-351W, 3 Keyways

Replacement Roller Timing Chains

Ideal when replacing the timing chain from an existing Cloyes timing set.



Description	Quick Adjust Part No.	Hex-A-Just Part No.	Original True Part No.
SB Chevy, 1955-Up	CL09-130	CL09-130	CL09-130
SB Chevy "Rocket" Block	CL09-131	CL09-131	CL09-131
SB Ford, 1962-Up	CL09-130	CL09-130	CL09-130

Quick Button™ Two-Piece Timing Covers

Two-piece covers allow adjusting of cam timing or end play without removing the entire timing cover, oil pan, and damper. Die-cast aluminum cover is fitted with an O-ring seal which eliminates gaskets or sealants.



Part No.	Description
CL09-221	SB Chevy, 1955-Up 265-400
CL09-226	SB Chevy, "Rocket" Block

SB Chevy Cam Buttons

Cam buttons are used to control cam-shaft end play, preventing "walking". Billet steel buttons include Torrington bearings for superb performance and reliability.



Part No.	Description
CL09-200	Cam Button, .925" Long for Old Style 3-Spoke Timing Covers
CL09-202	Cam Button, .640" Long for Newer Style Timing Covers

SB Chevy Thrust Bearings and Wear Plates

Part No.	Description
CL09-201	Steel Wear Plate, .031" Thick
CL09-220	Thrust Bearing, .150" Thick, Replacement for Quick Adjust, Hex-A-Just, Original True and Billet True Timing Sets





Holley 2bbl Flow Hat COLC-329

Designed to provide increased air flow to Holley 2bbl. applications when rules require the use of the stock air horn, molded plastic flow hat attaches to the base of the air cleaner and mounts flush with the air horn.



Adjustable Aluminum Gas Pedal with Roller Bearings

Roller bearings and a nylon roller foot pedal offer smooth acceleration and improved throttle "feel" without the drag and discomfort associated with round tube or flat steel pedals. The adjustable pedal and linkage arm may be indexed to fit and can also be adjusted side-to-side for exact alignment in the chassis. Ideal for long races when driver comfort is critical. Available with straight, angled, or firewall mounting flange.



COL19460

Part No.	Description
COL19460	Throttle Pedal Assembly, Aluminum, Straight
COL19831	Throttle Pedal Assembly, Aluminum, Angled (18°)
COL20385	Throttle Pedal Assembly, Aluminum, Angled (90°)
COL21160	Throttle Pedal Assembly, Aluminum, Firewall Mount
COL24818	Throttle Pedal Assembly, Aluminum, Short Body, Firewall Mount NEW!
COL29700	Throttle Pedal Assembly, Aluminum, Adjustable Angle up to 25°
Related Component	
COL21864	Adjustable Throttle Stop, 1-1/2" to 2-1/4"
COL19465	Throttle Pedal Assembly Only, Aluminum NEW!
COL19466	Throttle Arm Only, Aluminum NEW!

Brake Pedal Assembly **NEW!** COL595-PA

Lightweight assembly fits most popular master cylinders, and mounts them in the driver's compartment, away from dirt, debris, and engine heat. Extra-wide, ribbed pedals provide a comfortable, non-skid feel. Sold complete with balance bar.



Ignition Kill Switch COL535-100

Brake-activated kill switch plumbs directly into the front brake lines to shut the ignition down when brake pressure exceeds normal operating pressure. Once pressure is released, the engine may be re-started. Compatible with standard ignition systems.



SB Chevy Crate Motor Aluminum Harmonic Balancer COL25126

Manufactured from lightweight billet aluminum, small block Chevy 8" balancer offers reduced rotating weight, quicker acceleration, and more horsepower to crate motors. A steel outer sleeve provides a magnetic surface for technical inspection.



Lightweight Crate Motor Harmonic Balancers

Lightweight balancers offer reduced rotating weight and lower moment-of-inertia to crate motor applications, resulting in quicker acceleration and more horsepower. Aluminum balancer includes a steel outer sleeve that a magnet will stick to.



Part No.	Description
COL25127	SB Chevy 6" Dia. Aluminum Balancer, 2.15 lbs.

Note: For Crate Motors Only.

Aluminum Double Groove V-Belt Pulleys

Double-groove V-belt pulleys are precision machined from billet aluminum and hard coat anodized for increased durability. Choose from pulleys that offer 15% reduction or 1:1 ratio. Fit small block Chevy.



Part No.	Description
15% Reduction	
COLDS-364	Crankshaft Pulley, 5-7/8" Dia.
COLDS-364-2L	Crankshaft Pulley, 5-7/8" Dia., Corvette Pump
COLDS-365	Water Pump Pulley, 5/8" Pilot, 7" O.D.
COLDS-365-3	Water Pump Pulley, 3/4" Pilot, 7" O.D.
1:1 Ratio	
COLDS-364	Crankshaft Pulley, 5-7/8" Dia.
COLDS-364-2L	Crankshaft Pulley, 5-7/8" Dia., Corvette Pump
COLDS-364-B	Crank Pulley Alignment Boss, Lower Pulley
COLDS-380	Water Pump Pulley, 5/8" Pilot, 5-7/8" O.D.
COLDS-380-3	Water Pump Pulley, 5-7/8" Dia., 3/4" Pilot
COL9325	V-Belt for 1:1 Pulleys

Radiator Mounting Clamps **NEW!** COL16302

Clamps eliminate the need to fabricate or weld brackets to the chassis. Innovative brackets, which have (2) 5/16"-18 tapped holes to attach to the mounting straps, clamp directly to the radiator side tanks. Rubber backed adhesive tape protects and secures the radiator to each clamp. Sold per pair.



Rear View Mirror with Mounting Bracket COL7328

Large 5" diameter, flat face mirror offers optimal side and rear vision.



Wide Angle Mirror and Clamp-On Brackets

Mirror offers up to three times more visibility than most standard mirrors.



Part No.	Description
COL16741	Wide Angle Mirror with 1-3/4" Brackets
COL16742	Wide Angle Mirror, No Brackets
COL900-401	Mounting Bracket, 1-1/2" Dia. Sold Individually

Aluminum Clamp-On Accessory Mounts

Accessory mounts clamp to roll bar or chassis tubing for quick mounting of mirrors, helmet hooks, etc. Brackets feature a 1/4"-20 tapped hole.

Part No.	Description
COL900-400	Accessory Mount, 1-1/4"
COL900-401	Accessory Mount, 1-1/2"
COL900-403	Accessory Mount, 1-3/4"



Door Bar Padding COL980-601

Engineered to mount to the driver's side door bars, high-density, fire-retardant padding offers added protection from impacts. Offered in gray only, padding is 1" thick x 16" tall x 36" long.



Flywheel Bolts **NEW!** COL19785

Designed for manual transmission applications, flywheel bolts are 7/16"-20 x 1-1/4" long. Six pieces.



IMCA Axle Tubes **NEW!**

Manufactured from 3" O.D. x 2-5/8" I.D. Drawn Over Mandrel (D.O.M.) steel tubing.

Part No.	Description
COL13293-28.5	IMCA Axle Tube, 28.5" Long
COL13293-22.5	IMCA Axle Tube, 22.5" Long

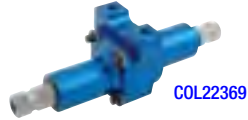




Steering Quickeners

Compact, CNC-machined aluminum ProLite quickeners are anodized for corrosion resistance and weigh just 2-1/2 lbs. 3/4-36" Spline.

Part No.	Description
COL22369	1.5:1, Two-Bolt Mount
COL22370	2.0:1, Two-Bolt Mount
COL22380	2.0:1, Three-Bolt Mount



"Rod Ruler"

COL21790

Quickly measure tie rods, trailing arms, third links, etc. fitted with rod ends. Compatible with 5/16", 3/8", 7/16", 1/2", 5/8", and 3/4" rod ends, linkages up to 36" long, or torque absorbers with up to 5-1/2" dia. springs.



Billet Steel Camaro Hub

Rigid billet steel hub directly replaces the OEM cast iron hub found on mid '70's Camaro and GM mid-size applications fitted with 11" diameter x 1.00" thick rotors. Hub features 5 x 4-3/4" bolt circle and is fitted with 5/8"-11 coarse thread studs. Bearings, rotor, grease seals, spindle nut, and dust cap must be purchased separately.



Part No.	Description
COL20651	Camaro Hub, 5 x 4-3/4", 5/8"-11 Studs
Related Components	
COL130-750-2	Camaro Brake Rotor, 11" Dia. x 1.00" Thick
COLBR2	Bearing and Race, Outer
COLBR6	Bearing and Race, Inner
COL19753	Grease Seal
COL18822	Spindle Nut, Washer, and Cotter Pin
COL618-102	Dust Cap

Billet Steel GM Metric Hub

Manufactured from billet steel, hub replaces the cast iron unit found on 1980-88 GM Metric chassis. Hub is offered with 5 x 4-3/4" or 5 x 5" bolt circles with 5/8"-11 coarse thread studs. Bearings, rotor, grease seals, spindle nut, and dust cap must be purchased separately.



Part No.	Description
COL16797	GM Metric Hub, 5 x 5", 5/8"-11 Studs
COL16798	GM Metric Hub, 5 x 4-3/4", 5/8"-11 Studs
Related Components	
COL140-753	GM Metric Brake Rotor
COLBR2	Bearing and Race, Outer, 1979 & Earlier
COLBR3	Bearing and Race, Outer, 1980-88
COLBR6	Bearing and Race, Inner, All
COL18822	Spindle Nut, Washer and Cotter Pin
COL19753	Grease Seal
COL618-102	Dust Cap

Steel Sportsman/IMCA Hub

COL140-422

Popular on sportsman and limited late models, billet steel hub and drive flange are lightweight, durable, and economical. Hub is designed to fit Coleman IMCA/Sportsman floater rear end housings and includes 5 x 5" and 5 x 4-3/4" bolt pattern with 5/8" coarse thread studs. Drive flange and rotor mounting plate must be purchased separately.



Part No.	Description
COL21632	Drive Flange, Steel, 5 x 5", 5 x 4-3/4", 5/8" Studs
COL808-050	Drive Spindle Snout, IMCA/Sportsman Steel/Aluminum Hub, Fits All 2-5/8" I.D. Tubes NEW!
COL140-410	Rotor Mounting Plate
COLCR-23755	Grease Seal

Billet Aluminum Sportsman/IMCA Hub **NEW!**

COL140-206

Rear hub fits Coleman/IMCA Sportsman floater rears and accepts standard wide-5 bearings and seals. Constructed from rigid billet aluminum, hub features 5 x 5" and 5 x 4-3/4" bolt patterns. Sold each, complete with races and 5/8" studs.



Part No.	Description
COL808-050	Spindle Snout, IMCA/Sportsman Steel/Aluminum Hub, Fits All 2-5/8" I.D. Tubes NEW!

Billet Steel 1978-Up Impala Hub

Rugged, billet steel hub fits all 1978-up Impala spindles. Hub has a 5 x 5" bolt pattern and is fitted with 5/8" coarse thread studs. Bearings, races, seal, and dust cap must be purchased separately.



Billet Steel Pinto Hub **NEW!**

Direct replacement hub fits 1971-80 Pinto spindle and accepts the stock bearings and races. Hub accepts a bolt-on style brake rotor, and is offered in 5 x 5" bolt pattern with 5/8" coarse thread studs. Bearings, races, dust cap, axle nut, washer, rotor, and rotor plate must be purchased separately.



Part No.	Description
COL16550	Billet Steel Pinto Hub
COL16593	Brake Rotor, 1" x 11" x 10 Bolt 5.875" B.C. Straight Vane

Wide 5 Hub Spacers **NEW!**

Special wide 5 hub spacer is used to space the hub away from the spindle for added rotor clearance. Offered in 1/8" or 1/4" thicknesses, spacers fit most wide 5 and 5 x 5" Howe/Vogel/Coleman hubs.



Part No.	Description
COL17636	Hub Spacer, 1/8" Thick
COL17637	Hub Spacer, 1/4" Thick

Wide 5 Front Spindle Snout **NEW!**

COLFS-808

Steel snout, desirable when fabricating custom front spindles, accepts all standard wide 5 hubs, bearings and seals, and features right-hand threads.



Impala Front Spindle Snout **NEW!**

COL809-102

Weld-on snout accepts early to mid 70's Impala front hubs. Sold each.



Impala Rotor Plate **NEW!**

COL24329

Steel rotor plate mates early to mid '70's Impala front hub to popular 7" bolt circle, 8-bolt brake rotors.



Inner Axle Seals

Seals install easily into the axle tube, keeping grease in the housing. Available to fit 2-5/8" diameter axle tubes.

Part No.	Description
COL150-521	Inner Axle Seal, Triple 2-5/8"
COL150-503	Replacement Seals for COL150-521, 3 Pcs.





Pro-Lite Steel Lug Nut COL22507

Steel, 5/8"-11 coarse thread lug nut includes a small, 3/4" hex for substantial weight savings. A set of 20 Pro-Lite lug nuts are 1 lb. lighter than standard lug nuts. Sold each.



Aluminum Driveshafts



Driveshafts are made from 3.0" O.D. x .125" wall aluminum tubing, fitted with super durable 6061-T6 billet aluminum end yokes and GM 1310 series (1-1/16" x 3-7/32") U-joints, and can reduce rotating weight by up to 8 lbs. Driveshaft measurements are from U-joint center line to U-joint center line. Slip yoke not included.

Part No.	Length	Part No.	Length	Part No.	Length
COL16601	35"	COL16610	39-1/2"	COL16619	43-1/2"
COL16603	36"	COL16612	40"	COL16620	44"
COL16604	36-1/2"	COL16613	40-1/2"	COL16621	44-1/2"
COL16605	37"	COL16614	41"	COL16622	45"
COL16606	37-1/2"	COL16615	41-1/2"	COL16630	49" NEW!
COL16607	38"	COL16616	42"	COL16631	49-1/2" NEW!
COL16608	38-1/2"	COL16617	42-1/2"		
COL16609	39"	COL16618	43"		

1310 Slip Yokes

Yokes are available in extended lengths for cars with longer suspension travel.



Part No.	Description
COL853-Y	GM Powerglide, Saginaw 3/4-Speed, 26-Spline, 5.500" Long
COL1310-400	GM TH-400, Muncie M-22, Jerico, 32-Spline, 5.500" Long
COL1330-351	GM Powerglide, Saginaw 3/4-Speed, 26-Spline, 6.750" Long
COL22060	GM Powerglide, Saginaw 3/4-Speed, 26-Spline, 7.500" Long

Threaded Wide 5 Wheel Spacers

Billet aluminum spacers thread to 5/8" coarse studs and are available in thicknesses of 1/8", 1/4", 1/2", and 1". Sold in packs of five.



Part No.	Thickness	Part No.	Thickness
COL21560	1/8"	COL21562	1/2"
COL21561	1/4"	COL21564	1"

Wide 5 Axle Nut and Washer

Axle nut and washer fit all standard Wide 5 snouts. Slide washer onto snout, install and tighten axle nut, and bend washer tabs into slots on nut to lock into place.



Part No.	Description
COLAN-852	Axle Nut
COLAW-851	Axle Washer

Lightweight Steel GM 7.5" Spool COL22545

Lightweight steel, profile-machined spool, designed for GM 7.5" rears requiring a "thick" ring and pinion set, weighs just 7.9 lbs. and eliminates the need for a mini-spool to lock the differential. Included heavy-duty axle retainers eliminate the need for C-clips.



Brake Adjuster, 2:1

Ideal for race cars that require constant brake adjustments, 2:1 adjuster utilizes a universal, bolt-on design. Adjuster offers exceptionally smooth adjustments, combines a CNC-machined billet aluminum housing, extra long handle with bearings, billet aluminum crank, heavy-duty bronze gears, and bronze bushings.



Part No.	Description
COL21048	Brake Adjuster, 2:1 Bolt-On, 30" Long Cable
COL20791	Brake Adjuster, 2:1 Bolt-On, 48" Long Cable

Trailing Arm Snubber COL22040

Lightweight aluminum snubber is fitted with precision-cut, aircraft-quality rubber biscuits that feature a very gradual rate of compression. Sold complete with an extra set of small diameter, softer durometer bushings.



Ford 9" Third Link Mounting Brackets COL24140

Ideal for running a Ford 9" rear in race chassis that initially used a Quick Change, Third Link Mounting Brackets feature the same bolt pattern as a Quick Change. Brackets mount on the pinion centerline of Ford 9" rears, and require fitting prior to welding.



Adjustable Third Link Spacer **NEW!** COL24311

Kit simplifies third link adjustments, eliminating the need for hammers or pry bars. Simply loosen the cross bolt, loosen the spacer, perform the desired adjustment and re-tighten the cross bolt.



Extra-Long J-Bar Mount COL821-200

Attaching directly over the existing bearing retainer, extra-long J-Bar mount uses a slider-style, 2" x 2" chassis mount for quick, accurate adjustments. Mounting plate features the addition of a clamp-on axle tube for increased rigidity.



Pro-Lite Quick Change Gears **NEW!**

Pro-Lite 10-spline gears are suitable to dirt or asphalt racing. Manufactured from 8620 heat treated steel, gears are designed to reduce friction and temperature, resulting in increased horsepower to the rear wheels. Sold per set, complete with spacers to properly align gears.



Part No.	4.11 Ratio		4.86 Ratio		Part No.	4.11 Ratio		4.86 Ratio	
	Low	High	Low	High		Low	High	Low	High
COL207-1	4.11	4.11	4.86	4.86	COL207-18	3.26	5.18	3.85	6.13
COL207-3	2.89	5.84	3.41	6.91	COL207-20	3.16	5.34	3.74	6.32
COL207-4	3.18	5.32	3.75	6.29	COL207-21C	2.68	6.30	3.17	7.45
COL207-4C	3.22	5.25	3.80	6.21	COL207-22	3.13	5.40	3.70	6.38
COL207-6	3.75	4.50	4.44	5.32	COL207-23	2.74	6.16	3.24	7.28
COL207-7C	3.59	4.70	4.25	5.56	COL207-25	3.74	4.52	4.42	5.35
COL207-8	3.48	4.85	4.11	5.74	COL207-26	3.83	4.41	4.52	5.23
COL207-8C	3.50	4.83	4.14	5.70	COL207-27	2.66	6.35	3.15	7.52
COL207-9	3.39	4.97	4.01	5.89	COL207-28	2.60	6.49	3.08	7.68
COL207-10	3.04	4.56	3.59	6.58	COL207-29	2.57	6.58	3.04	7.77
COL207-11	3.36	5.03	3.97	5.94	COL207-32	2.89	5.84	3.41	6.91
COL207-13	3.28	5.14	3.89	6.07	COL207-32C	2.86	5.91	3.38	6.98
COL207-14	2.95	5.72	3.50	6.76	COL207-34	2.98	5.65	3.54	6.68
COL207-14C	2.93	5.76	3.47	6.80	COL207-35	2.91	5.80	3.44	6.86
COL207-16	3.08	5.48	3.65	6.48	COL207-43	2.63	6.42	3.11	7.59
COL207-17	3.56	4.74	4.21	5.60					

MLS (Multi-Layer Steel) Head Gaskets

Cometic's MLS head gaskets have three layers of stainless steel for strength, rebound ability, and resistance to corrosion. Outer layers are embossed with a fluoroelastomer rubber based material (Viton) to withstand heat and harsh sealing environments. MLS gaskets are available in many different thicknesses. One per package.



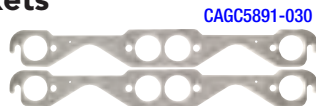
Part No.	Description	Bore	Thk.
Chevy Small Block (Including SB2 and Gen. III LS1)			
CAGC5245-030	Cast Iron or Aluminum Heads, Dart	4.060"	.030"
CAGC5245-036	Cast Iron or Aluminum Heads, Dart	4.060"	.036"
CAGC5245-040	Cast Iron or Aluminum Heads, Dart	4.060"	.040"
CAGC5245-051	Cast Iron or Aluminum Heads, Dart	4.060"	.051"
CAGC5246-027	Cast Iron or Aluminum Heads, Dart	4.100"	.027"
CAGC5246-030	Cast Iron or Aluminum Heads, Dart	4.100"	.030"
CAGC5246-036	Cast Iron or Aluminum Heads, Dart	4.100"	.036"
CAGC5246-040	Cast Iron or Aluminum Heads, Dart	4.100"	.040"
CAGC5246-060	Cast Iron or Aluminum Heads, Dart	4.100"	.060"
CAGC5246-080	Cast Iron or Aluminum Heads, Dart	4.100"	.080"
CAGC5247-027	Cast Iron or Aluminum Heads, Dart	4.125"	.027"
CAGC5247-030	Cast Iron or Aluminum Heads, Dart	4.125"	.030"
CAGC5247-040	Cast Iron or Aluminum Heads, Dart	4.125"	.040"
CAGC5247-060	Cast Iron or Aluminum Heads, Dart	4.125"	.060"
CAGC5248-027	Cast Iron or Aluminum Heads, Dart	4.165"	.027"
CAGC5248-030	Cast Iron or Aluminum Heads, Dart	4.165"	.030"
CAGC5248-040	Cast Iron or Aluminum Heads, Dart	4.165"	.040"
CAGC5248-051	Cast Iron or Aluminum Heads, Dart	4.165"	.051"
CAGC5248-060	Cast Iron or Aluminum Heads, Dart	4.165"	.060"
CAGC5248-066	Cast Iron or Aluminum Heads, Dart	4.165"	.066"
CAGC5249-030	Cast Iron or Aluminum Heads, Dart	4.200"	.030"
CAGC5249-040	Cast Iron or Aluminum Heads, Dart	4.200"	.040"
CAGC5249-045	Cast Iron or Aluminum Heads, Dart	4.200"	.045"
CAGC5249-051	Cast Iron or Aluminum Heads, Dart	4.200"	.051"
CAGC5249-070	Cast Iron or Aluminum Heads, Dart	4.200"	.070"
CAGC5249-120	Cast Iron or Aluminum Heads, Dart	4.200"	.120"
CAGC5474-027	Vortec Head with Valve Pockets	4.080"	.027"
CAGC5474-030	Vortec Head with Valve Pockets	4.080"	.030"
CAGC5474-040	Vortec Head with Valve Pockets	4.080"	.040"
CAGC5474-051	Vortec Head with Valve Pockets	4.080"	.051"
CAGC5410-040	Vortec Head with Valve Pockets	4.165"	.040"
CAGC5399-040	All Other SB Brodix Heads	4.030"	.040"
CAGC5400-040	All Other SB Brodix Heads	4.125"	.040"
CAGC5401-040	All Other SB Brodix Heads	4.135"	.040"
CAGC5401-051	All Other SB Brodix Heads	4.135"	.051"
CAGC5402-040	All Other SB Brodix Heads	4.160"	.040"
CAGC5402-045	All Other SB Brodix Heads	4.160"	.045"
CAGC5402-051	All Other SB Brodix Heads	4.160"	.051"
CAGC5403-040	All Other SB Brodix Heads	4.200"	.040"
CAGC5403-051	All Other SB Brodix Heads	4.200"	.051"

Part No.	Description	Bore	Thk.
Chevy Small Block (Including SB2 and Gen. III LS1) (Cont.)			
CAGC5407-040	SB BD2000 Brodix	4.160"	.040"
CAGC5408-040	SB BD2000 Brodix	4.200"	.040"
CAGC5323-040	SB2 350, 400	4.165"	.040"
CAGC5472-040	SB2 350, 400	4.190"	.040"
CAGC5324-040	SB2 350, 400	4.200"	.040"
CAGH1076SPK040XP*	SB Chevy	4.200"	.040"
Ford Small Block			
CAGC5478-040	302-351W SVO, Round Bore	4.030"	.040"
CAGC5480-040	302-351W SVO, Round Bore	4.080"	.040"
CAGC5481-040	302-351W SVO, Round Bore	4.100"	.040"
CAGC5481-051	302-351W SVO, Round Bore	4.100"	.051"
CAGC5481-056	302-351W SVO, Round Bore	4.100"	.056"
CAGC5483-040	302-351W SVO, Round Bore	4.155"	.040"
CAGC5509-051	302-351W SVO, Round Bore	4.195"	.051"
CAGC5483-056	302-351W SVO, Round Bore	4.155"	.056"
CAGC5485-040	302-351W SVO, Round Bore	4.200"	.040"
CAGC5483-027	302-351W SVO, Round Bore	4.155"	.027"
CAGC5511-040	289-351W, Non-SVO	4.030"	.040"
CAGC5512-036	289-351W, Non-SVO	4.060"	.036"
CAGC5513-040	289-351W, Non-SVO	4.080"	.040"
CAGC5513-060	289-351W, Non-SVO	4.080"	.060"
CAGC5514-040	289-351W, Non-SVO	4.100"	.040"
CAGC5515-040	289-351W, Non-SVO	4.155"	.040"
CAGC5517-027	289-351W, Non-SVO	4.200"	.027"
CAGC5517-040	289-351W, Non-SVO	4.200"	.040"
CAGC5517-051	289-351W, Non-SVO	4.200"	.051"
CAGC5517-060	289-351W, Non-SVO	4.200"	.060"
CAGC5358-040	302-351W SVO, with Valve Pockets, Yates (Left)	4.100"	.040"
CAGC5359-040	302-351W SVO, with Valve Pockets, Yates (Right)	4.100"	.040"
CAGC5364-040	302-351W SVO, with Valve Pockets, Yates (Left)	4.180"	.040"
CAGC5365-040	302-351W SVO, with Valve Pockets, Yates (Right)	4.180"	.040"
Ford 2300 4-Cylinder			
CAGC5369-027	2.3L SOHC	3.830"	.027"
CAGC5369-040	2.3L SOHC	3.830"	.040"

* Special "XP" series head gaskets is engineered for aluminum heads on aluminum blocks.

MLS (Multi-Layer Steel Small Block Chevy Exhaust Manifold Gaskets

Durable MLS exhaust manifold gaskets will not push out or burn through and will maintain a torque set, eliminating retightening. Fully compatible with different combinations of cylinder head and exhaust manifold/header materials. All gaskets listed are .030" thick. Sold in pairs.



Part No.	Description	Port Size
CAGC5836-030	262-400, SB2 Race Head	N.A.
CAGC5039-030	262-400, Brodix/Dart 13°	N.A.
CAGC5040-030	262-400, Brodix/All Pro 286	N.A.
CAGC5891-030	262-400	1.500" Dia. Round Port
CAGC5892-030	262-400	1.450" x 1.480"
CAGC5895-030	LT1/LT4, 604 Crate	D-Port 1.510" x 1.520"

Rear Main Seals

Part No.	Description
CAGC5379	SB Chevy, 2-Piece
CAGC5384	SB Ford, 351W with 302 Crankshaft
CAGC5391	SB Ford 351W
CAGC5680	SB Chevy, 2-Piece Viton
CAGC5681	SB Chevy 400, Aluminum/Align Honed Block



Miscellaneous Gaskets

Part No.	Description
CAGC5261-031	SB Chevy Timing Cover Gasket, .031" Thick
CAGC5299-018	SB Chevy Water Pump Gaskets, .018" Thick
CAGC5530	SB Chevy Timing Cover Seal and Gasket Kit
CAGC5660-020	SB Ford 351W Timing Cover Gasket, .020" Thick
CAGEX314064AM	SB Chevy Exhaust Gaskets, All Pro "286" Heads
CAGC5262	Holley 4150 4-Hole Base Gasket, .047" Thick NEW!
CAGC5552-065	SB Chevy Exhaust Gasket, 1.50" x 1.60" Square Port, .065" Thick NEW!



MLX Head Gaskets **NEW!**

Similar to Cometic's MLS (Multi-Layer Steel) head gaskets, the MLX series includes an integrated "stopper" layer that improves clamping load around the cylinders and combustion chambers without increasing bore distortion. Gaskets require no sealants or re-torquing.



Part No.	Description	Bore	Thk.
Chevy Small Block			
CAGC5031-040	Cast Iron or Aluminum Heads, Dart	4.165"	.040"



Oval Racing Camshafts for SB Chevys

Comp Cams offers a wide variety of camshaft grinds for specific circle track racing applications. Comp's most popular hydraulic, solid, and roller camshafts are listed.



Application	Valve Setting		Camshaft Part Number	Advertised Duration		Duration @.050"		Lift with 1.5 Rockers		Lobe Sep. Angle	Recommended Components		
	In.	Ex.		In.	Ex.	In.	Ex.	In.	Ex.		Valve Springs	Titanium Retainers	Lifters
Hydraulic - Heavy Car/Short Track, Stock Valve Train, 3000-6000 RPM	Hyd.	Hyd.	COM12-325-4	280°	288°	232°	237°	.483"	.483"	108°	COM986-16	COM740-16	COM858-16
Hydraulic - 1/4 to 3/8 Mi. Track, Broad Torque Range, 3500-6300 RPM	Hyd.	Hyd.	COM12-330-4	286°	292°	236°	244°	.490"	.485"	108°	COM986-16	COM740-16	COM858-16
Hydraulic - 3/8 to 1/2 Mi. Track, 350 and Larger Engine, 3700-6500 RPM	Hyd.	Hyd.	COM12-344-5	296°	305°	246°	253°	.510"	.525"	106°	COM986-16	COM740-16	COM858-16
Solid - .470" Lift Rule, Rough Idle, Low Vacuum	.018"	.018"	COM12-523-5	270°	282°	242°	250°	.473"	.473"	106°	COM983-16	COM740-16	COM813-16
Solid, 1/4-3/8 Tight Track, 327-358 2bbl. 9:1 Comp.	.016"	.018"	COM12-650-5	274°	280°	244°	246°	.519"	.519"	108°	COM950-16	COM740-16	COM813-16
Solid, 1/4-3/8 Fast Track 327-358 2bbl. 9:1 Comp.	.016"	.018"	COM12-651-5	278°	284°	248°	250°	.531"	.525"	108°	COM950-16	COM740-16	COM813-16
Solid - 1/4-3/8, 327-358 2bbl. 3000-6800	.016"	.018"	COM12-652-5	278°	284°	248°	250°	.531"	.525"	106°	COM950-16	COM730-16	COM813-16
Solid - 1/4-3/8, 327-358 2bbl. 3200-7000	.016"	.018"	COM12-653-5*	282°	288°	252°	254°	.540"	.531"	106°	COM950-16	COM730-16	COM813-16
Solid, 1/4-3/8 Tight Track, 327-358 4bbl. 12:1 Comp.	.016"	.018"	COM12-656-5*	282°	292°	252°	258°	.540"	.537"	106°	COM950-16	COM740-16	COM813-16
Solid, Late Model Stock, 1/4-3/8 Track, 358 Limited	.016"	.018"	COM12-654-5*	286°	292°	256°	258°	.549"	.537"	108°	COM950-16	COM740-16	COM813-16
Solid - 1/4 to 3/8 Mi. Track, Good All-Around Cam, 3000-6500 RPM	.020"	.022"	COM12-609-5*	285°	295°	250°	260°	.532"	.555"	106°	COM987-16	COM740-16	COM813-16
Solid - 3/8-1/2, 358+, 3400-7400	.016"	.018"	COM12-655-5	290°	296°	256°	262°	.558"	.543"	108°	COM950-16	COM730-16	COM813-16
Solid - Fast 1/4 to 3/8 Mi. Track, Broad Torque Range, 3500-6800 RPM	.020"	.022"	COM12-610-5*	290°	304°	255°	266°	.540"	.534"	104°	COM987-16	COM740-16	COM813-16
Solid - Fast Cornered 1/4 to 3/8 Mi. Track, Good Top End, 3700-7000 RPM	.020"	.022"	COM12-611-5*	290°	304°	255°	266°	.540"	.534"	106°	COM987-16	COM740-16	COM813-16
360+ Solid, 3/8-1/2 Tight Track, 4bbl. 12:1+ Comp.	.016"	.018"	COM12-658-5	290°	300°	260°	266°	.558"	.549"	106°	COM950-16	COM740-16	COM813-16
Solid - 3/8 - 1/2 Fast Track, 360+ 4bbl. 12:1 Comp.	.016"	.018"	COM12-659-5	294°	304°	264°	270°	.567"	.555"	106°	COM950-16	COM740-16	COM813-16
Roller - 1/4-3/8 Mi. Track, Tight Corners, 3500-6500	.020"	.022"	COM12-901-9†	292°	296°	256°	258°	.630"	.630"	106°	COM943-16	COM731-16	COM818-16
Roller - 1/4-1/2 Mile Track, 355-377 4BBL Late Model, Big Heads	.016"	.016"	COM12-857-9†	283°	287°	255°	259°	.645"	.645"	106°	COM26089-16	COM731-16	COM818-16
Roller - 1/4-3/8 Mi. Track, 355, Late Model, 3000-7000	.020"	.022"	COM12-940-9†	290°	300°	260°	264°	.645"	.630"	106°	COM943-16	COM731-16	COM818-16
Roller - ARCA 358, 6200-8500	.020"	.022"	COM12-906-9†	312°	322°	276°	284°	.630"	.630"	107°	COM943-16	COM731-16	COM818-16
Roller - .900" Base Circle	.016"	.020"	COM12-861-9†	287°	300°	259°	268°	.648"	.645"	107°	COM26089-16	COM731-16	COM891-16
383-415 cu. in., Late Model, Mod., 3400-7600 RPM	.016"	.020"	COM12-863-9†	291°	304°	263°	272°	.648"	.645"	108°	COM26089-16	COM731-16	COM891-16
415-430 cu. in., Great Bottom End, 3400-7600 RPM	.020"	.022"	COM12-890-9†	292°	308°	264°	272°	.660"	.630"	106°	COM943-16	COM731-16	COM891-16
Late Model, Lg. Engine, Slick Track, 4500-7500 RPM	.020"	.022"	COM12-890-9†	292°	308°	264°	272°	.660"	.630"	106°	COM943-16	COM731-16	COM891-16
Roller-.900" Base Circle	.020"	.022"	COM12-996-9†	312°	322°	276°	284°	.630"	.630"	107°	COM943-16	COM731-16	COM891-16
358 C.I., Open Carb, 6200-8500 RPM	.020"	.022"	COM12-996-9†	312°	322°	276°	284°	.630"	.630"	107°	COM943-16	COM731-16	COM891-16

† Requires upgraded gear, thrust button, and wear plate.

* Signifies camshaft also available nitrided for added durability. Simply replace "-5" suffix in part number with "-20". Example: COM12-611-20.

Open Wheel Modified Traction Control Camshafts for SB Chevys

Open Wheel Modified T/C camshafts are engineered specifically to deliver outstanding horsepower in a broad range while minimizing tire spin, effectively creating legal traction control.



Application	Valve Setting		Camshaft Part Number	Advertised Duration		Duration @.050"		Lift with 1.6 Rockers		Lobe Sep. Angle	Recommended Components		
	In.	Ex.		In.	Ex.	In.	Ex.	In.	Ex.		Valve Springs	Titanium Retainers	Lifters
Solid - IMCA Std. Rocker Ratio, 3/8 - 5/8 Tracks, 355+ cu. in. 12:1 Comp., Gas or Alcohol 4bbl. 3300-7300 RPM	.016"	.018"	COM12-527-5	284°	293°	258°	264°	.597"	.606"	107°	COM950-16	COM732-16	COM813-16
Roller - Outlaw Modified, 3/8 - 5/8 Tracks, 355+ cu. in. 12:1 Comp., Gas or Alcohol 2/4bbl., 3200-7500 RPM	.016"	.018"	COM12-780-9†	287°	291°	256°	260°	.589"	.589"	107°	COM943-16	COM731-16	COM818-16
4 & 7 Firing Order Swap Applications													
Roller, 1/3-1/2 Track, 355-383 4bbl., 11:1 Comp.	.016"	.018"	COM12-841-14†	289°	298°	260°	265°	.709"	.694"	107°	—	COM738-16	—
Roller, 3/8-5/8 Track, 355-383 4bbl., 12:1 Comp.	.016"	.018"	COM12-842-14†	293°	302°	264°	269°	.715"	.698"	107°	—	COM738-16	—

† Requires upgraded gear, thrust button, and wear plate.



Tight Lash Camshafts for SB Chevys

The "Tight Lash" series is a line of race-only, flat-tappet camshafts that work well in circle track engines. Ramps accelerate the valve to a higher speed as it goes up to the nose, and set it down at a controlled speed on the seat. Significant power increases can be gained over earlier styles, with no sacrifice in the "off-the-corner" characteristics.

Application	Valve Setting		Camshaft Part Number	Advertised Duration		Duration @.050"		Lift with 1.5 Rockers		Lobe Sep. Angle	Recommended Components		
	In.	Ex.		In.	Ex.	In.	Ex.	In.	Ex.		Valve Springs	Steel Retainers	Lifters
Solid - Short Track, 327-350, 2bbl. 2800-6300	.018"	.020"	COM12-500-5	276°	280°	246°	250°	.520"	.530"	106°	COM950-16	COM740-16	COM813-16
Solid - Short 3/8-1/2 Mi. Track, 358, Late Model, 3000-7000 RPM	.018"	.020"	COM12-504-5	284°	284°	254°	254°	.540"	.540"	106°	COM950-16	COM740-16	COM813-16
Solid - 3/8-1/2 Mi. Track, 358, Late Model, 3200-7000	.018"	.020"	COM12-505-5	284°	288°	254°	259°	.540"	.550"	106°	COM950-16	COM740-16	COM813-16
Solid - 3/8-1/2 Mi. Track, 350-377, Open Rules, 3400-7000 RPM	.018"	.020"	COM12-506-5*	288°	292°	259°	262°	.550"	.560"	106°	COM950-16	COM740-16	COM813-16
Solid - Big 3/8-1/2 Mi. Track, 400+, Open Rules, 3500-7200 RPM	.018"	.020"	COM12-515-5*	288°	296°	259°	266°	.550"	.570"	106°	COM950-16	COM740-16	COM813-16

* Signifies camshaft also available nitrided for added durability. Simply replace "-5" suffix in part number with "-20". Example: COM12-506-20.

4 & 7 Firing Order Swap (18736542) Camshafts for SB Chevys

Leading engine builders have been having 4 & 7 swap camshafts custom ground for many years in the pursuit of added horsepower. Comp offers a full selection of both solid and roller 4 & 7 swap cams to racers looking for an edge on the competition.

Application	Valve Setting		Camshaft Part Number	Advertised Duration		Duration @.050"		Lift with 1.5 Rockers		Lobe Sep. Angle	Recommended Components		
	In.	Ex.		In.	Ex.	In.	Ex.	In.	Ex.		Valve Springs	Titanium Retainers	Lifters
Solid- 1/4-3/8, 327-358 2bbl. 3000-6800 RPM	.016"	.018"	COM12-688-47	278°	284°	248°	250°	.531"	.525"	106°	COM950-16	COM730-16	COM813-16
Solid- 1/4-3/8, 327-358 4bbl. 3000-6700 RPM	.016"	.018"	COM12-689-47	282°	292°	252°	258°	.540"	.537"	106°	COM950-16	COM730-16	COM813-16
Solid- 3/8-1/2, 360+4bbl. 3400-7200 RPM	.016"	.018"	COM12-690-47	290°	300°	260°	266°	.558"	.549"	106°	COM950-16	COM730-16	COM813-16
Roller- Short Track/Small Engine, 4000-7000 RPM	.020"	.022"	COM12-823-14†	288°	296°	252°	258°	.630"	.630"	106°	COM954-16	COM731-16	COM818-16
Roller- Dirt Late Model 4bbl. 4400-7600 RPM	.020"	.022"	COM12-826-14†	288°	296°	258°	264°	.639"	.632"	106°	COM954-16	COM731-16	COM818-16

† Requires upgraded gear, thrust button, and wear plate.

High Energy Hydraulic Lifters

Lifters have lightweight check valves to eliminate excessive oiling at high-RPM. Sold in sets of 16.

Part No.	Description
COM812-16	Chevrolet, All V-8
COM832-16	SB Ford 289-351W
COM846-8	Ford 2300cc 4-Cyl.



Pro Magnum Hydraulic Lifters

Lifters perform well at higher RPM and have a distinct advantage when using hydraulic tappets. Sold in sets of 16.

Part No.	Description
COM858-16	Chevrolet, All V-8
COM862-16*	SB Ford 289-351W

* Lifters require an adjustable valve train.



Chevy Race Hydraulic Lifters COM84000-16

Lifters have tighter tolerances, one-piece pushrod seats, and extra heavy-duty snap rings. Fits all Chevy V-8's. Sold in sets of 16.



Solid Lifters

The lifter crown has been ground to a precise radius and the oil metering band milled to eliminate excessive oil being pumped to the top of the engine. Sold in sets of 16.

Part No.	Description
COM800-16	Chevrolet, All V-8, .012" Hole
COM813-16	Chevrolet, All V-8
COM833-16	SB Ford 302-351W, 1969-Up



Performance Series Solid Lifters

Engineered for high-end racing applications, lifters have precise tolerances for superior camshaft compatibility and high-RPM durability. Sold in sets of 16.

Part No.	Description
COM2900-16	Chevrolet, All V-8
COM2910-16	SB Ford 302-351W, 1969-Up



Sportsman Solid Roller Lifters

Lightweight, premium Sportsman Solid Roller Lifters use two pressurized EDM oil feeds to the axle and a single-edge orifice feed to the wheel for improved oiling and reliability. Manufactured from quality 8620 steel for maximum durability and resistance to wear, lifters are internally machined for reduced weight. Tall body design allows use in standard or .300" tall lifter bores. Choose from traditional needle bearing axle/wheel design or bronze bushing axle/wheel configuration. Sold in sets of 16.



Application	Dia.	Pushrod Seat Location	Needle Bearing Part No.	Bushing Part No.
Small Block Chevy	.842"	All Centered	COM96818-16	COM96818B-16
Small Block Chevy	.842"	(4) Pairs: Centered & .160" Left	COM96894-16	COM96894B-16
		(4) Pairs: Centered & .160" Right	COM96894-16	COM96894B-16
Small Block Ford	.875"	All Centered	COM96838-16	COM96838B-16



Endure-X Solid Roller Lifters

Upgraded for even greater durability, Endure-X lifters feature EDM Oil Injection technology, which provides a constant flow of pressurized oil to the bearing assembly, preventing the possibility of oil starvation. Lifters also incorporate removable, captured link bars, precision sorted bearings, and wear-resistant, tool steel axles. Sold in sets of 16.



Part No.	Description	Lifter Dia.	Pushrod Seat Location	Set Includes Lifters	Link Bars
SB Chevy 265-400					
COM818-16	1955-86 Straight-Up Style	.842"	All Centered	(16) 818-1	(8) 818-L
COM871-16	Full Body of 873-16, .300" Taller Body	.842"	All Centered	(16) 871-1	(8) 818-L
COM873-16	1987-Up, Bowtie/Alum. Blocks, .300" Taller	.842"	All Centered	(16) 873-1	(8) 818-L
COM891-16	Small Base Circle Cam Applications	.842"	All Centered	(16) 891-1	(8) 818-L
COM894-16	Offset Intake for More Pushrod Clearance	.842"	(8) Centered (4) Rights (4) Lefts	(8) 894C-1 (4) 894R-1 (4) 894L-1	(8) 818-L
SB Ford 289-351W					
COM838-16*	Standard, No Offsets	.874"	All Centered	(16) 838-1	(8) 838-L

* SB Ford 289-302 require cylinder head removal to install lifters.

Race XD Bushed Solid Roller Lifters **NEW!**

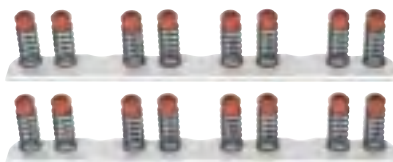
Engineered for the most extreme applications, Race XD have proven to be the strongest, most durable bushed roller lifters currently available. An innovative oiling system delivers consistent roller wheel and axle lubrication, and the REM-finished bodies reduce lifter body and lifter bore wear. The modular design utilizes interchangeable pushrod seats allowing lifters with centered seats to be interchanged with optional offset seats if desired. Sold in sets of 16.



Part No.	Description	Lifter Dia.	Pushrod Seat Location	Seat Height
COM99818-16	SB Chevy Lifters	.842"	Centered	.188"
COM99904-16	SB Chevy Lifters	.904"	Centered	.188"

Rev Kit COM4000

Extruded aluminum rev kit prevents oil pressure loss in the event of a pushrod or rocker arm failure. Kit includes springs and buttons and fits all 265-400 Chevy with .842" tappets.



High Energy Pushrods

Pushrods are designed with the budget-conscious racer in mind. Sold in sets of 16.

Part No.	Dia.	Description	Length
COM7812-16	5/16"	SB Chevy 265-400, Flat Tappet	7.794"
COM7831-16	5/16"	SB Ford 255-302, 1965-Up	6.881"
COM7835-16	5/16"	SB Ford 351W, 1969-78	8.152"

Magnum Pushrods

One-piece, .080" wall chrome moly steel pushrods are engineered to stand up to the high spring pressures and stresses of oval track racing. Sold in sets of 16.

Part No.	Dia./Wall Thk.	Description	Length
SB Chevy 265-400			
COM7372-16	5/16"/.080"	Stock Length, Hardened	7.800"
COM7693-16	5/16"/.080"	+.100", Hardened	7.900"
COM7694-16	5/16"/.080"	+.150", Hardened	7.950"
COM7695-16	5/16"/.080"	+.200", Hardened	8.000"
COM7472-16	5/16"/.080"	+.350", Hardened	8.150"
SB Ford 351W, 1969-78			
COM7472-16	5/16"/.080"	Stock Length, Hardened	8.150"

High-Tech Pushrods

One-piece ball-type pushrods in 5/16" or 3/8" wall, seamless 4130 chrome moly are heat treated to a hardness of 60 (Rockwell "C") and black oxide finished for strength and durability. Pushrods are available in 5/16" dia./0.080" wall, 5/16" dia./0.105" wall, 3/8" dia./0.080" wall and 3/8" dia./0.135" wall. Length is etched on each pushrod. Sold in sets of 16 (-16 suffix), but may be ordered individually (-1 suffix).

Description	Length	5/16" Dia./ .080" Wall Part No.	5/16" Dia./ .105" Wall Part No.	3/8" Dia./ .080" Wall Part No.	3/8" Dia./ .135" Wall Part No.
Small Block Chevy					
-.100" Short	7.700"	COM7963-16	COM8409-16	—	—
-.050" Short	7.750"	COM7970-16	COM8410-1	—	—
Std. Length	7.800"	COM7972-16	COM8411-16	COM7913-16	COM8460-16
+.050" Long	7.850"	COM7974-16	COM8412-16	COM7980-16	COM8476-16
+.100" Long	7.900"	COM7993-16	COM8413-16	COM7984-16	COM8473-16
+.150" Long	7.950"	COM7994-16	COM8414-16	COM7981-1	COM8474-16
+.200" Long	8.000"	COM7995-16	COM8415-16	COM7983-16	COM8475-16
+.250" Long	8.050"	COM7996-16	COM8416-1	COM7985-16	COM8477-1
+.300" Long	8.100"	COM7997-16	COM8417-1	COM7986-16	COM8478-1
Small Block Ford 351W, 1969-78					
-.050" Short	8.100"	COM7997-16	COM8417-16	COM7986-16	COM8478-1
Std. Length	8.150"	COM7965-16	—	COM7987-16	—
+.050" Long	8.200"	COM7966-16	COM8419-1	—	—

High-Tech 210° Radius Pushrods

Include same features as traditional High Tech pushrods, but include a 210° rather than 180° radius, often required for high-lift applications. Sold in sets of 16.

Part No.	Description
COM7732-16	SB Chevy +.100", 7.900" Long
COM7734-16	SB Chevy +.200", 8.000" Long
COM7735-16	SB Chevy +.250", 8.050" Long
COM7736-16	SB Chevy +.250", 8.100" Long



BOB SCHISLER



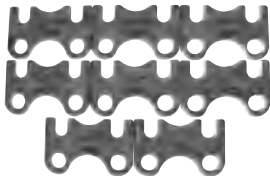
Pushrod Length Checker COM7901-1



Determine correct pushrod length quickly and easily when building race engines. Made from a thin wall 5/16" pushrod that is cut and threaded. Checker has 5/16" ball on each end and extends from 7.5" to 8.7".

Pushrod Guide Plates

A must for the high lift and spring pressure of performance engines, guide plates are designed using a stereolithographic process for ultimate fit. Exact stud placement and rounded contact points are two outstanding features of the black-oxidized guide plates. Sold in sets of 8.



Part No.	Description	Type	Pushrod Size
COM4800-8	SB Chevy 265-400	Raised	5/16"
COM4808-8	SB Chevy 265-400	Flat	5/16"
COM4810-8	SB Chevy 265-400	Flat	3/8"
COM4816-8	SB Ford 289-351W	Flat	5/16"

Adjustable Pushrod Guide Plates

Often required when cylinder heads have relocated intake ports, guide plates may be welded after final adjustments. Sold in sets of eight.



Part No.	Description	Type	Pushrod Size	Stud Dia.
COM4835-8	SB Chevy/SB Ford, 2-Pc.	Flat	5/16"	7/16"
COM4839-8	SB Chevy 265-400	Flat	3/8"	7/16"

High Energy Rocker Arms

Ideal for oval track racing classes requiring OEM type, stamped steel rocker arms. Sold in sets of 16 with adjusting nuts and pivot balls when required.



Part No.	Description	Rocker Stud	Rocker Ratio
COM1212-16	SB Chevy 265-400	3/8"	1.5
COM1217-16*	SB Chevy 265-400	3/8"	1.5
COM1218-16	SB Chevy 265-400	3/8"	1.6
COM1220-16	SB Chevy 265-400	7/16"	1.5
COM1270-8	Ford 2300cc 4-Cyl.	OHC	N/A

* Nitrided for added strength.

Magnum Roller Rocker Arms

Magnum roller rockers have a low-friction roller tip to reduce valve tip and guide wear. The stiffer cross section prevents "flex" and increases valve lift (good for 15-30 more horsepower). Sold in sets of 16 with adjusting nuts.



Part No.	Description	Rocker Stud	Rocker Ratio
COM1412-16	SB Chevy 265-400	3/8"	1.52
COM1416-16 ^A	SB Chevy 265-400	3/8"	1.6
COM1417-16 ^B	SB Chevy 265-400	3/8"	1.52
COM1418-16 ^B	SB Chevy 265-400	3/8"	1.6
COM1431-16 ^C	Ford 289-351W Rail Type, 1968-89	3/8"	1.6
COM1442-16 ^D	Ford 289-351W Non-Rail, 1961-67	3/8"	1.6

A: May require cylinder head machine work.

B: For use on 1987-up self-aligning.

C: For 1978-up use COM4504-16.

D: Can be used with guide plates.

High Energy Die-Cast Aluminum Roller Rocker Arms

Affordable rocker arms have die-cast aluminum bodies. Needle-bearing fulcrums and roller bearings reduce friction and decrease oil temperature. Sold in sets of 16.



Part No.	Description	Rocker Stud	Rocker Ratio
COM17001-16	SB Chevy 265-400	3/8"	1.5
COM17002-16	SB Chevy 265-400	3/8"	1.6
COM17004-16	SB Chevy 265-400	7/16"	1.5
COM17005-16	SB Chevy 265-400	7/16"	1.6
COM17043-16	SB Ford 289-351W	3/8"	1.6
COM17044-16	SB Ford 289-351W	7/16"	1.6

Ultra-Gold Aluminum Roller Rocker Arms

Rigid CNC-machined aluminum roller rockers provide sufficient clearance for 1.650" O.D. valve springs and can withstand extremely high spring pressures and lifts. Sold in sets of 16.



Part No.	Description	Rocker Stud	Rocker Ratio
COM19001-16 ^A	SB Chevy 265-400	3/8"	1.5
COM19002-16 ^A	SB Chevy 265-400	3/8"	1.6
COM19004-16 ^{A,B}	SB Chevy 265-400	7/16"	1.5
COM19005-16 ^{A,B}	SB Chevy 265-400	7/16"	1.6
COM19043-16	SB Ford 289-351W	3/8"	1.6
COM19044-16 ^B	SB Ford 289-351W	7/16"	1.6
COM19045-16	Ford 351C	7/16"	1.73

A: Will not replace late model rail rocker.

B: Must use screw-in studs and guide plates.

Ultra Pro Magnum Roller Rocker Arms

Ultra Pro Magnum's rigid, web-like design reduces moment of inertia. Made of 8650 chrome moly and finished in black oxide, rocker arms have oversized trunnions, sorted needle bearings, and hardened roller tips. Sold in sets of 16.



Part No.	Description	Rocker Stud	Rocker Ratio
COM1601-16	SB Chevy 265-400	3/8"	1.52
COM1602-16	SB Chevy 265-400	3/8"	1.6
COM1604-16	SB Chevy 265-400	7/16"	1.52
COM1605-16	SB Chevy 265-400	7/16"	1.6
COM1617-16	SB Chevy 305-350, 1988-Up Self-Aligning Rockers	3/8"	1.52
COM1618-16	SB Chevy 305-350, 1988-Up Self-Aligning Rockers	3/8"	1.6
COM1631-16	SB Ford 289-351W	3/8"	1.6
COM1632-16	SB Ford 289-351W	7/16"	1.6

Ultra Pro Magnum XD Roller Rocker Arms

The next design in the evolution of steel stud mount rocker arms, Ultra Pro Magnum XD rockers offer increased strength and unsurpassed durability. Rocker arms are made of 8650 steel with super accurate ratios, billet pushrod seat inserts, precision-sorted needle bearings, and hardened roller tips. Compatible with most diameter valve springs and retainers. Covered by a lifetime guarantee against breakage. Sold in sets of 16.



Part No.	Description	Rocker Stud	Rocker Ratio
COM1801-16	SB Chevy 265-400	3/8"	1.5
COM1804-16	SB Chevy 265-400	7/16"	1.5
COM1805-16	SB Chevy 265-400	7/16"	1.6
COM1832-16	SB Ford 289-351W	7/16"	1.6



Hi-Tech Endurance Valve Springs

The ultimate valve springs for oval track engines. Developed after hundreds of hours of dyno and track testing. Sold in sets of 16.



Part No.	Description	I.D.	Seat Load	Open Load	Coil Bind	Rate Lbs./In.	Titanium Retainer	Steel Retainer	Cup Seat	Shims
COM925-16	1.510" Dual Spring with Damper	.697"	111 @ 1.900"	388 @ 1.200"	1.175"	395	COM732/721	COM741	COM4700/4783/4771	COM4757
COM938-16	1.540" NASCAR	.730"	210 @ 1.900"	516 @ 1.250"	1.200"	480	COM738	COM741	COM4700/4778	COM4757
COM941-16	1.260" Single Spring with Damper	.871"	135 @ 1.750"	350 @ 1.250"	1.100"	443	COM728	COM750	N/A	COM4753
COM943-16	1.550" Inter-Fit Pacaloy	.812"	240 @ 1.900"	598 @ 1.250"	1.160"	551	COM731/720	N/A	COM4785/4777	COM4757
COM26055-16	1.585" Single Beehive	.731"	150 @ 1.925"	410 @ 1.275"	1.225"	400	COM785	N/A	COM4711	COM4757
COM26089-16	1.550" Dual Spring, Roller Applications	.812"	230 @ 2.000"	580 @ 1.300"	1.230"	500	COM731/720	N/A	COM4777/4700/4785	COM4757
COM26094-16	1.550" Dual Spring with Damper, Flat Tappet	.752"	174 @ 1.900"	452 @ 1.275"	1.200"	445	COM732/721	COM749	COM4772/4773/4700	COM4757
COM26099-16	1.640" Dual Spring, Roller Applications	.759"	250 @ 2.050"	693 @ 1.250"	1.184"	561	COM733	N/A	COM4774/4775/4702	COM4757
COM26115-16	1.549" Dual Spring, Roller Applications	.719"	228 @ 2.050"	636 @ 1.300"	1.192"	544	COM732	COM748	COM4700/4781/4782	COM4757
COM26986-16*	1.412" Single Beehive	.650"	123 @ 1.750"	284 @ 1.175"	1.060"	280	COM788	COM787	COM4696-16	COM4755

* Single beehive version of COM986 dual spring.

Dual Valve Spring Assemblies

Comp Cams dual valve spring assemblies derive maximum performance from aggressive camshaft profiles in high-RPM engines. Sold in sets of 16.



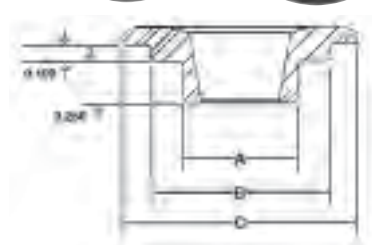
Part No.	Description	I.D.	Seat Load	Open Load	Coil Bind	Rate Lbs./In.	Titanium Retainer	Steel Retainer	Cup Seat	Shims
COM924-16	1.510" 2-Spring with Damper	.700"	112 @ 1.900"	355 @ 1.200"	1.200"	347	COM732/721	COM741	COM4700/COM4770	COM4757
COM929-16	1.540" 2-Spring Assembly	.755"	150 @ 1.880"	415 @ 1.280"	1.180"	442	COM732/721	COM741	COM4700/4772/4773	COM4757
COM939-16	1.540" NASCAR	.700"	138 @ 1.950"	419 @ 1.350"	1.225"	462	COM732/721	COM741	COM4700/4770/4771/4783	COM4757
COM950-16	1.470" 2-Spring Assembly	.720"	133 @ 1.900"	332 @ 1.300"	1.200"	333	COM730	COM740/743	COM4781/4782	COM4755
COM954-16	1.525" 2-Spring Assembly	.761"	210 @ 1.900"	523 @ 1.250"	1.178"	483	COM732/721	COM741	COM4700/4781/4782	COM4757
COM985-16	1.430" 2-Spring	.700"	165 @ 1.750"	346 @ 1.250"	1.150"	366	COM730	COM740	N/A	COM4754
COM986-16	1.430" 2-Spring	.697"	132 @ 1.750"	293 @ 1.250"	1.150"	322	COM730	COM740	N/A	COM4754
COM987-16	1.430" 2-Spring	.697"	121 @ 1.800"	343 @ 1.200"	1.150"	370	COM730	COM740	N/A	COM4754
COM999-16	1.550" H-11 Spring Assembly	.724"	196 @ 1.900"	671 @ 1.150"	1.090"	633	COM732/721	N/A	COM4700/4781/4782	COM4757
COM26547-16	1.520" 2-Spring	.784"	285 @ 2.150"	810	1.190"	583	COM1732-16	COM732-16	COM4641/4642/4643-16	—

Steel Retainers

Comp Cams steel retainers can handle the higher pressures developed by large diameter valve springs. Retainers are machined from 4140 chrome moly, finished in black oxide, and designed for positive location when combined with Comp Cams high-quality valve springs. For superior strength and stability, Comp Cams also offers 10° retainers and 10° valve locks. Sold in sets of 16.



Part No.	Description	Lock Angle	Valve Stem Size	Valve Spring Diameter	Dimensions		
					A	B	C
COM740-16	Super Lock Retainer	10°	All	1.437"-1.500"	.690"	1.060"	1.400"
COM741-16	Super Lock Retainer	10°	All	1.500"-1.550"	.690"	1.115"	1.500"
COM742-16	Chevy 283-400	7°	11/32"	1.250"	.650"	.870"	1.230"
COM743-16	Chevy, SB Ford	7°	11/32"	1.437"-1.500"	.690"	1.060"	1.400"
COM747-16	Super Lock Retainer	10°	All	1.437"-1.500"	.690"	1.050"	1.400"
COM748-16	Super Lock Retainer	10°	All	1.500"-1.550"	.710"	1.095"	1.500"
COM749-16	Super Lock Retainer	10°	All	1.500"-1.550"	.745"	1.125"	1.500"
COM750-16	Super Lock Retainer	10°	All	1.250"	.735"	.870"	1.240"
COM768-16	Ford Applications	7°	11/32"	1.437"-1.500"	.690"	1.030"	1.400"



Lightweight Tool Steel Retainers

Cost-effective retainers are approximately 1/3 the weight of chrome moly steel retainers and only 2-4 grams heavier than titanium units. FEA and CAD designed for the perfect balance of strength and weight, retainers are CNC-machined from exceptionally dense tool steel. Offered for 7° and 10° valve locks. Sold in sets of 16.

Part No.	Description	Lock Angle	Valve Stem Size	Valve Spring Diameter	Dimensions		
					A	B	C
COM1730-16	LW Retainers	10°	All	1.437"-1.500"	1.437"	1.065"	.700"
COM1731-16	LW Retainers	10°	All	1.500"-1.550"	1.437"	1.100"	.800"
COM1732-16	LW Retainers	10°	All	1.500"-1.550"	1.500"	1.110"	.710"
COM1750-16	LW Retainers	10°	All	1.250"	1.240"	.870"	.735"
COM1754-16	LW Retainers	7°	Stock	1.250"	1.235"	.860"	.610"
COM1756-16	LW Retainers	10°	All	1.055"-1.290"	1.050"	.725"	N/A
COM1772-16	LW Retainers	7°	Stock	1.055"-1.290"	1.030"	.640"	N/A
COM1779-16	LW Retainers	7°	Stock	1.290"	1.172"	.910"	.646"
COM1787-16	LW Retainers	7°	11/32"	1.055"	1.030"	.640"	—



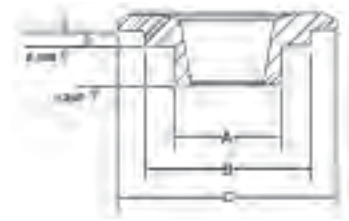


Titanium 10° Retainers

Titanium is stronger and lighter than steel and can stand up to high-pressure springs. American-made from the finest 6AL4V alloy for maximum stiffness and minimal warpage. See chart for dimensions. Sold in sets of 16.

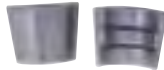


Part No.	Description	Lock Angle	Valve Stem Size	Valve Spring Diameter	Dimensions		
					A	B	C
COM720-16	Double Lightweight Retainer	10°	All	1.500"-1.550"	.798"	1.198"	1.437"
COM729-16	Double Super Lock Retainer	10°	All	1.500"-1.550"	.730"	1.135"	1.500"
COM730-16	Double Super Lock Retainer	10°	All	1.437"-1.500"	.700"	1.065"	1.437"
COM731-16	Double Interference Super Lock Retainer	10°	All	1.500"-1.550"	.800"	1.100"	1.437"
COM732-16	Double Super Lock Retainer	10°	All	1.500"-1.550"	.710"	1.110"	1.500"
COM733-16	Double Super Lock Retainer	10°	All	1.625"	.765"	1.180"	1.500"
COM735-16	Triple Super Lock Retainer	10°	All	1.625"	.870"	1.180"	1.500"
COM738-16	Double Super Lock Retainer	10°	All	1.500"-1.550"	.730"	1.120"	1.500"



Valve Locks

7° locks are recommended for light valve spring loads. Valve locks are available in hardened or premium machined steel versions for wear resistance and offer the same accurate valve spring location as Super Locks with no need to change to 10° retainers. Sold in sets of 16 pairs (32 pieces).



Part No.	Description	Lock Angle	Valve Stem Size
COM600-16	Hardened Steel, Single Groove	7°	5/16"
COM601-16	Hardened Steel, Single Groove	7°	11/32"
COM648-16	Machined Steel, Single Groove	7°	11/32"

Super Locks

Super Locks are machined with a 10° angle for better load distribution over the retainer to eliminate "pull through". Super Locks fit any Comp 10° retainer. Sold in sets of 16 pairs (32 pieces).



Part No.	Description	Lock Angle	Valve Stem Size
COM611-16	Lock with Lash Cap Recess	10°	11/32"
COM613-16	Lock without Lash Cap Recess	10°	11/32"
COM614-16	Lock +.050" Inst. Ht. without Lash Cap Recess	10°	11/32"
COM618-16	Lock with Lash Cap Recess	10°	.310"
COM630-16	Lock - .050" Inst. Ht. with Lash Cap Recess	10°	11/32"

Titanium Super Locks

Manufactured from lightweight, durable titanium. Locks include a 10° angle and fit any Comp 10° retainer. Sold in sets of 16 pairs (32 pieces).



Part No.	Description	Lock Angle	Valve Stem Size
COM638-16	Lock with Lash Cap Recess	10°	11/32"

Stud Girdles

Stud girdles are made of rugged 6061-T6 aluminum, and tie the rocker studs together for alignment and durability. Sold in pairs. Complete with nuts.



Part No.	Description	Stud Size
COM4004	SB Chevy Spring Loaded	7/16"
COM4007	SB Chevy Solid Bar	3/8"
COM4009	SB Chevy Solid Bar	7/16"
COM4014	SB Ford 289-302, 351W Standard Head	7/16"
COM4018	SB Chevy Spring Loaded, 40/60 Spacing	7/16"

Valve Stem Oil Seals

Seals prevent oil from entering the combustion chamber. Use O-ring seal with standard retainer and oil splash shield. Use umbrella seals with larger-than-stock diameter springs, and positive-stop PTFE seals for double springs. PTFE seals require machining; others do not.



Part No.	Description	Guide Size	Valve Stem Size
COM500-16	Positive Stop PTFE	.530"	5/16"
COM501-16	O-Ring	Stock	11/32"
COM502-16	Umbrella	Stock	11/32"
COM503-16	Positive-Type PTFE	.530"	11/32"
COM506-16	Triple Spring Viton	.494"	11/32"
COM529-16	Metal Body Viton	.530"	11/32"

Valve Spring Shim Variety Packs

Part No.	Thickness	Quantity	O.D.
COM4753	.015", .030", .060"	16 Each Size	1.250"
COM4754	.015", .030", .060"	16 Each Size	1.437"
COM4755	.015", .030", .060"	16 Each Size	1.480"
COM4757	.015", .030", .060"	16 Each Size	1.500"
COM4756	.015", .030", .060"	16 Each Size	1.640"



Valve Spring Seat Cups and Locators

Comp Cams' spring seat cups and locators can withstand the extreme spring pressures and high RPM generated by modern race engines. Hardened alloy seats protect the head and shim. They also locate and hold the spring in place. Sold in sets of 16.



Part No.	Description	Thk.	I.D.	O.D.	Fits Spring O.D.	Fits Spring I.D.
COM4677-16	Spring Locator	.060"	.570"	1.300"	—	.910"
COM4682-16	Spring Locator	.060"	.570"	1.300"	—	—
COM4700-16	Spring Seat Cup	.060"	.640"	1.670"	1.565"	—
COM4702-16	Spring Seat Cup	.060"	.640"	1.730"	1.650"	—
COM4704-16	Spring Seat Cup	.060"	.640"	1.570"	1.475"	—
COM4708-16	Spring Seat Cup	.060"	.640"	1.780"	1.690"	—
COM4759-16	Spring Locator	.060"	.570"	1.550"	—	.810"
COM4770-16	Spring Locator	.060"	.585"	1.500"	—	.690"
COM4771-16	Spring Locator	.060"	.570"	1.550"	—	.690"
COM4772-16	Spring Locator	.060"	.570"	1.550"	—	.750"
COM4773-16	Spring Locator	.060"	.630"	1.550"	—	.750"
COM4774-16	Spring Locator	.060"	.570"	1.625"	—	.765"
COM4775-16	Spring Locator	.060"	.630"	1.625"	—	.765"
COM4776-16	Spring Locator	.060"	.570"	1.550"	—	.790"
COM4777-16	Spring Locator	.060"	.630"	1.550"	—	.790"
COM4778-16	Spring Locator	.060"	.570"	1.550"	—	.730"
COM4780-16	Spring Locator	.060"	.630"	1.550"	—	.730"
COM4781-16	Spring Locator	.060"	.570"	1.550"	—	.715"
COM4782-16	Spring Locator	.060"	.630"	1.550"	—	.715"
COM4783-16	Spring Locator	.060"	.630"	1.550"	—	.690"
COM4784-16	Spring Locator	.060"	.570"	1.550"	—	.735"
COM4785-16	Spring Locator	.060"	.570"	1.550"	—	.810"
COM4786-16	Spring Locator	.060"	.570"	1.635"	—	.870"



Rocker Arm Studs

Choose from three series of rocker studs. High Energy and Magnum rocker studs work well with moderate valve lift and spring pressures. The Hi-Tech Race studs are ideal for high-RPM roller cam equipped race cars. Sold in sets of 16.



Part No.	Description	Base Thread		Stud Size	Stud Length
		Size	Length		
COM4500-16	High Energy Studs	7/16"	.680"	3/8"	1.750"
COM4501-16	High Energy Studs	7/16"	.680"	7/16"	1.750"
COM4502-16	Magnum Studs	7/16"	.680"	3/8"	1.750"
COM4503-16	Magnum Studs	7/16"	.750"	7/16"	1.750"
COM4504-16	Magnum Ford Studs	5/16"	.680"	3/8"	1.750"
COM4505-16	Hi-Tech Race Studs	7/16"	.680"	3/8"	1.750"

Rocker Arm Adjusting Nuts

Alloy nuts provide ultimate strength and locking force. Stud girdle polylocks are ground for minimum runout and tapered for extra strength in the locking area. Sold in sets of 16.



Part No.	Description	Stud Size
COM4508-16	Stud Girdle Adjusting Nuts	7/16"
COM4600-16	Hi-Tech Polylock for Aluminum/Stainless/Pro Magnum Rockers	7/16"
COM4601-16	Hi-Tech Polylock for Aluminum/Stainless/Pro Magnum Rockers	3/8"
COM4602-16	Magnum Polylock	3/8"
COM4603-16	Magnum Polylock	7/16"
COM4604-16	High Energy Polylock	3/8"
COM4610-16	Rocker Arm Adjusting Kit for SB Ford with Non-Adjust. Rockers	5/16"

Shaft-Mount Aluminum Rocker Arms for GM LS COM1500

Engineered for popular GM LS1, LS2, and LS6 engines with cathedral port cylinder heads, shaft rocker arms offer increased valvetrain stability and increased horsepower. 2024 aluminum-construction rocker arms include an internal oiling system that provides a consistent flow of oil from the pushrod cup to the shaft bearings and the roller tip. Sold complete with 1.7 ratio roller rocker arms and 8620 steel shafts.



GM LS Engine Plug Kit COM251

Kit includes all of the hard-to-find plugs to seal the water and oil galleries of a GM LS series engine. Plugs are manufactured from brass or galvanized steel to resist corrosion and provide an extended life.



Valve Train Assembly Spray COM106

Lubricant clings to components to protect valve springs, rocker arms, and pushrods at initial start-up.

Ground Shipment Only



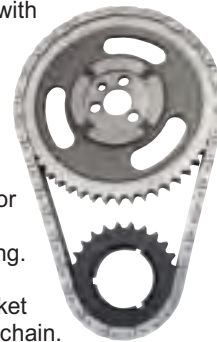
SB Chevy 3-Pc. Aluminum Timing Cover COM310

Unique, three-piece design timing cover allows camshaft timing adjustments without having to remove the harmonic balancer or disturb the front oil pan seal. Lightweight timing cover is manufactured from rigid billet aluminum and is sold complete with necessary hardware.



Double-Roller Timing Chain Sets

Comp offers a variety of true, double-roller timing sets. Magnum sets are ideal for "claimer" or mild racing applications, while Hi-Tech sets are designed for serious racing. Each set features hardened iron camshaft gear, three keyway billet steel crank sprocket and heat treated, true double-roller timing chain.



Part No.	Description
Magnum Timing Chain Sets	
COM2100	SB Chevy, 1955-91 Exc. OEM Roller Cam
COM2135*	SB Ford 351W, 1969-84
COM2138*	SB Ford 302-351W, 1984-92
Hi-Tech Timing Chain Sets	
COM3100	SB Chevy, 1955-91 Exc. OEM Roller Cam
COM7100*	SB Chevy, Includes Billet Steel Cam Gear and Thrust Bearing
Keyway Adjustable Billet Timing Chain Set	
COM7138	SB Ford, 1965-88 289-351W

* Accommodates two-piece fuel eccentric.

Includes billet steel cam gear, thrust bearing and 9 keyway crank sprocket.

SB Chevy Adjustable Billet Timing Set COM8100

Manufactured with high-strength billet gears, seamless heavy-duty double-roller timing chain and Torrington roller thrust bearing. The two-piece billet cam sprocket allows changing cam timing without removing the degree wheel or releasing the valve train load. Timing can be adjusted 6° maximum advance/retard in 2° increments. Ideal for all street and race applications. Will not fit factory hydraulic roller cam.



Cam Lock Plate COM4605

Cam lock plate holds the cam bolts firmly in place. Fits big and small block Chevys.



Thrust Buttons

Cam thrust buttons ride between the front of the timing gear and the back of the timing cover to hold the cam in its proper location. Available in solid nylon and roller thrust bearing versions.



Part No.	Description
COM200	Roller Button SBC 265-400 C.I., .795" Length
COM202	Nylon Thrust Button SBC 265-400, 90° V-6, .810" Length



Thrust Bearings and Wear Plates

Prevents wear at the front of the block. Minor machining is required when used with a stock type timing set.

Part No.	Description
COM201	SB Chevy 265-400 Wear Plate, .030" Thick
COM3120TB	SB Ford 289-351W OEM Cam Plate and Single Bearing

Degree Bushings

Bushings accurately position the camshaft and provide the easiest way to change the intake centerline of the cam. Five per package. Requires 13/32" drill bit for installation.

Part No.	Description
COM4760	Bushing Set (0°, 2°, 4°, 6°, 8°)
COM47602	Bushing, 2°, 5-Pack
COM47604	Bushing, 4°, 5-Pack

Camshaft Degree Kit • Cylinder Head On Engine COM4796

Universal kit with all necessary components needed to degree a camshaft. Kit includes 9" degree wheel, cam checking fixture, 0"-1" dial indicator, cam degree video, wire degree wheel pointer, piston stop, two lightweight checking springs, and instruction booklet. Packed in foam-lined case.

Part No.	Description
Replacement Parts and Accessories	
COM4790	Replacement 9" Dia. Degree Wheel
COM4791-1	Pro 16" Dia. Degree Wheel
COM4793	SB Chevy Crankshaft Socket
COM4795	Replacement 14mm TDC Stop
COM4798	Ford Crankshaft Socket

Camshaft Degree Kit • Cylinder Head Off Engine COM4934

This small block Chevy kit includes a 9" degree wheel, heads-off degreeing fixture, 0-1" dial indicator, 5" dial indicator extension, plate-style TDC stop, wire degree wheel pointer, and crankshaft socket. Packed in foam lined case.

Melonized Distributor Gears

Melonized distributor gears are designed to provide universal compatibility for any steel, cast iron or ductile iron camshaft, but without the wear concerns of bronze options. Melonized gears are less wear-prone and feature better timing accuracy and higher strength than any other universally compatible distributor gear.

Part No.	Description
COM410M	SB and BB Chevy, .500" Diameter Shaft
COM412M	SB and BB Chevy, .491" Diameter Shaft

Carbon Ultra-Poly Composite Distributor Gears

Carbon Ultra-Poly, a super tough material, solves many of the wear issues associated with bronze gears in racing engines. Gears have undergone extensive on-track testing with positive results.

Part No.	Description
COM12140	Chevrolet V-8, All with .500" Dia. Shaft
COM12200	Chevrolet V-8, All with .491" Dia. Shaft
COM35100	Ford V-8, All with .530" Dia. Shaft
COM35200	Ford V-8, All with .467" Dia. Shaft

Bronze Distributor Gears

A necessity when using a roller camshaft. Gears are high strength, made from Ampco-45 extruded aluminum bronze to resist wear.

Part No.	Description
COM410	SB and BB Chevy, .500" Dia.
COM412	SB and BB Chevy, .491" Dia.
COM431	Ford 260-351W, .467" Dia.
COM438	Ford 260-351W, .500" Dia., MSD Distributor NEW!

Fuel Pump Push Rods

Available for use with cast or roller camshafts. Pushrods fit small and big block Chevy.

Part No.	Description
COM4607	Lightweight with Bronze Tip for Roller Cams
COM4616	Lightweight with Steel Tip for Cast Iron Cams

SB Chevy Roller Cam Bearing Kit COM350RCB-KIT

Steel-jacketed needle roller bearings are encapsulated for easy installation in place of traditional cam bearings. Kit decreases friction and increases oil control. Bearings fit all small block Chevys and small block 360 Chryslers with #1 through #5 camshaft journal diameters of 1.968".

V-Style Cylinder Head Holders **NEW!** COM5332

Sturdy, welded steel cylinder head holders can secure a cylinder head in virtually any position, allowing eased disassembly or porting work. May also be used to hold camshafts or crankshafts. Sold per pair.

Engine Break-In Oil

Lubricant provides engine protection during break-in. ZDDP (zinc and phosphorous), molybdenum, and detergent additives protect and improve surface mating of rotating assembly, piston rings, camshaft, lifters, rocker arms, etc. One-quart bottles are available individually or in cases of 12.

Part No.	Description
COM1590	Engine Break-In Oil, 1 Qt.
COM1590-12	Engine Break-In Oil, 1 Case (12 Qts.).

Engine Break-In Oil Additive

Provides additives no longer used in off-the-shelf motor oils. Compatible with petroleum, blended, or synthetic motor oils. Protects during engine break-in and against premature camshaft, lifter, and valve train failure.

Part No.	Description
COM159	Engine Break-In Oil Additive, 12-oz. Bottle
COM159-12	Engine Break-In Oil Additive, 1 Case (12-12-oz. Bottles)

"Our Famous" Club System

Designed to maximize driver comfort, 13-qt. system offers over three hours of cooling time, while 19-qt. system provides over six hours of cooling. Ideal for racing applications where mounting space isn't critical and track time is extended. Includes cooling system and internal pump that supplies cooled water to the Cool Shirt. May be secured with available mounting tray, purchased separately. Cool Shirt must be purchased separately.



Part No.	Description
CST2002-0003	19-Qt. Club System, 15-1/2" L. x 10-1/2" W. x 13" H.
CST2002-0004	13-Qt. Club System, 14" L. x 9-1/2" W. x 11" H.

Portable Bag System

Portable bag system can be easily secured to any cockpit. System utilizes a lightweight, waterproof denier canvas bag and a 12V internal pump. The double-insulated pump can be connected to any switched 12-volt power source. May be completely self-contained and powered by available lithium ion battery kit, purchased separately. Cool Shirt must be purchased separately.



Part No.	Description
CST2001-0001	12-Qt. Portable Bag System
CST2001-0003	6-Pack Portable Bag System

Round System CST2002-0007

The Round System has a smaller "footprint" and is designed for limited space. The threaded lid eases filling and draining and eliminates spills. Very portable, and a track favorite. Unit is 13" high x 8-1/2" diameter and offers two hours of cooling time. Cool Shirt must be purchased separately. Requires only 18-amp/12-volt power.



Note Hose kit must be purchased separately

Pro Air and Water System

Personal cooling system delivers cooled, temperature-controlled water to the driver's Cool Shirt and cooled, blower-enhanced HEPA-4 filtered air to their helmet. System uses an internal pump to supply cool water to the shirt, while filtered air is supplied to the helmet via a 235 CFM blower. Compact unit weighs just 9 lbs. and is sold complete with dual temperature control switch, 8' of water hose, automatic shutoff, quick disconnects, blower motor, and air supply hose. Choose from 13- or 19-qt. systems. Cool Shirt must be purchased separately



Part No.	Description
CST2002-0005	Pro Air and Water System, 13 Qts., 11"H x 9-1/2"W x 14"L, with Pump Only
CST3002-0003	Pro Air and Water System, 13 Qts., 11"H x 9-1/2"W x 14"L
CST3002-0002	Pro Air and Water System, 19 Qts., 13"H x 10-1/2"W x 15-1/2"L

Air Blower System

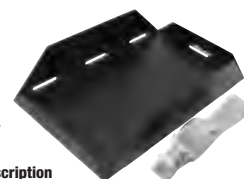
The most economical system to supply fresh, filtered air to the driver. Air blower systems are offered with choice of a 135- or 235-CFM blower and HEPA-4 air filter to deliver clean, virtually particle-free air.



Part No.	Description
CST4200-0001	135 CFM Air Blower System
CST4200-0002	235 CFM Air Blower System

Mounting Tray with Strap

Tray secures Club System or round Cool Shirt systems. Mounts to chassis. Strap eases removal for cleaning.



Part No.	Description
CST4100-0001	12-Qt. Mounting Tray with Strap
CST4100-0002	24-Qt. Mounting Tray with Strap
CST5007-0001	Tie Down Straps, Single

Temperature Control Switch CST4300-0001

Turns the system on or off, and controls the pump speed to regulate coolant flow through the system.



Dual Temperature Control Switch CST4300-0002

Allows individual speed control settings for the internal pump of Cool Shirt Personal Cooling Systems and the fan speed of the BF-235 blower used in the Pro Air and Water Systems or Air Blower System.



Cool Shirt Replacement/Accessory Components



Part No.	Description
CST4008-1100	8' Hose Kit with Safety Pull
CST4012-1100	12' Hose Kit with Safety Pull
CST5003-0001	Maintenance Additive System Cleaner, 16 oz. Bottle
CST5006-0001	Fitting Kit, Includes (4) Female and (4) Male Connectors, 5/16" Barb and (6) O-Rings
CST5006-0003	Drain Hose Kit
CST5012-0003	Replacement Black Motorsports Pump
CST5013-0006	Blower Filter Housing, 4" I.D. x 3" I.D.
CST5013-0007	Blower Hose End Fitting, 3" I.D. x 1-1/2" I.D.
CST5013-0008	Blower Hose End Adapter Fitting, 4" x 1-1/2"
CST5013-0009	Hose End Fitting, 1-1/2" I.D. Cooler
CST5013-0011	Helmet 1-1/2" I.D. 45° Hose End Fitting
CST5013-0013	Replacement Filters, 10-Pack NEW!
CST5014-0001	Safety Connector Kit, Converts Standard Cool Shirt Fittings to Quick Disconnect
CST5014-0005	Male Connector, Large 5/16"
CST5014-0010	Female Bulkhead Fitting, Quick Disconnect, 3/8" NPT Male NEW!
CST5014-0011	Male Connectors, Large Red 5/16", Universal Fit for 986, Momo ADC, FAST Shirts

Cool Shirts

Compatible with all Cool Shirt systems, shirts are available in two styles; white cotton short-sleeved or black cotton short-sleeved with right or left side exit. Up to 50 ft. of medical-grade capillary tubing is securely stitched to the front and back of the shirt.



Size	Black Cotton Short Sleeve/ Right Exit	Black Cotton Short Sleeve/ Left Exit	White Cotton Short Sleeve/ Right Exit	White Cotton Short Sleeve/ Left Exit
Small	CST1012-2022	—	CST1011-2022	—
Medium	CST1012-2032	CST1012-2031	CST1011-2032	CST1011-2031
Large	CST1012-2042	CST1012-2041	CST1011-2042	CST1011-2041
X-Large	CST1012-2052	—	CST1011-2052	—
XX-Large	CST1012-2062	—	CST1011-2062	—
XXX-Large	CST1012-2072	—	—	—

2Cool FR Shirt

Stay cool, comfortable and focused. Long-sleeve, cooling undershirt is manufactured from fire-resistant, superior moisture-wicking material and uses patented, non-kink tubing to provide superior driver cooling when used with any Cool Shirt Personal Cooling System. Shirts won't shrink, pick, or fade and are machine wash and dry. Meets stringent SFI 3.3 specifications. Offered in black only.



Size	Part No.
Medium	CST1024-2032
Large	CST1024-2042
X-Large	CST1024-2052

2Cool Shirt

The original Cool Shirt just got better due to improved material and tubing designs. The compression design and moisture-wicking fabric keeps drivers cool, increases circulation, stamina, and won't weigh them down, while the patented new tubing design has proven to increase cooling by 50%. Offered in black only. Personal cooling system must be purchased separately.



Size	Part No.
Large	CST1021-2042
X-Large	CST1021-2052
XX-Large	CST1021-2062

Hooded Cool Shirt

Hooded short-sleeve shirt features over 50' of medical-grade capillary tubing that is securely stitched to the front and back of each shirt to provide cooling to the upper body and head. White only. Personal cooling system must be purchased separately.



Size	Part No.
Medium	CST1013-2032
Large	CST1013-2042

Cool-A-Clava CST1504-0001

Innovative Cool-A-Clava is a helmet insert that plugs into any Cool Shirt ice-based or non-ice based system to deliver unsurpassed head cooling. Compatible with virtually any available helmet.



THE CRASH PAD™

Back Pad Only Crash Pad CPDPR-CP-BP01

Back pad-only style crash pad is 18" wide x 20" high and includes two 1/2" thick layers of proprietary, 802SAM shock absorbing material. May be adjusted from 1" to 1/2" thick by simply removing a single layer.



Shock Absorbing Material

Proprietary, 802SAM shock absorbing material may be installed anywhere additional protection is needed. Material may be added to seats, door bars, etc. Sold in 40" x 18" size in thicknesses of 1/2" or 1".



Part No.	Description
CPD401805-812SAM	40" x 18", 1/2" Thick
CPD401810-812SAM	40" x 18", 1" Thick

Crash Pad with 8" Lumbar Back Pad CPDCP02-08LM

Crash Pad includes 2" of shock absorbing material on the bottom and an 8" tall lumbar pad in a tough upholstery covering. Adjustable to 14"-18" wide seats, Crash Pad thicknesses may be easily adjusted as required by simply removing 1/2" thick layers.



Crash Pad with 20" Shoulder Height Back Pad

Crash Pad includes choice of a 2" or 3" shock-absorbing material bottom and a 20" shoulder-height back pad in a tough, upholstered covering. Adjustable to 14"-18" wide seats, Crash Pad thickness may be easily adjusted by simply removing 1/2" thick layers.



Part No.	Description
CPDCP02-20BP	2" Crash Pad
CPDCP03-20BP	3" Crash Pad



Racing Camshafts

Application	Cam Part No.	Cam and Kit Part No.	Grind No.	Recommended Basic RPM	Comp. Ratio	Duration @ .050"		Degree Lobe Separation	Advertised Duration		Valve Lash		Valve Lift	
						Int.	Exh.		Int.	Exh.	Int.	Exh.	Int.	Exh.
SB Chevy Hydraulic Cams														
Street Stock, Enduro, Hobby, 1/4 to 3/8 Mile Track	CRN100172	—	274 H06	1800-5400	8.75-10:1	218°	218°	106°	274°	274°	.000"	.000"	.450"	.450"
Street Stock, Enduro, Hobby, 1/4 to 3/8 Mile Track	CRN110591	—	H-228/3200-2S-6	2800-6200	10.0 to 11.5	228°	234°	106°	284°	290°	.000"	.000"	.480"	.494"
Street Stock, Enduro, Hobby, 1/4 to 3/8 Mile Track	CRN110691	—	H-238/3347-2S-6	3200-6400	10.5 to 12.0	238°	244°	106°	294°	300°	.000"	.000"	.502"	.516"
Street Stock, Enduro, Hobby, 3/8 to 1/2 Mile Track	CRN110741	—	H-244/3439-2S-6	3400-6800	10.5 to 12.0	244°	252°	106°	300°	308°	.000"	.000"	.516"	.525"
Street Stock, Enduro, Hobby, 3/8 to 1/2 Mile Track	CRN10011	CRN100112 ^B	302 H06	3400-7000	10.5-12:1	246°	246°	106°	302°	302°	.000"	.000"	.500"	.500"
SB Chevy Mechanical Cams														
Late Model, Sportsman, WISSOTA, IMCA, UMP, 1/4 to 3/8 Mi.	CRN110921	CRN110922 ^A	F-244/3454-2S-6	3200-6800	10.5 to 12.0	244°	252°	106°	280°	288°	.026"	.026"	.518"	.536"
Late Model, Sportsman, WISSOTA, IMCA, UMP, 3/8 to 1/2 Mi.	CRN110981	—	F-252/3574-2S-6	4000-7000	11.5 to 12.5	252°	260°	106°	288°	296°	.026"	.026"	.536"	.554"
Late Model, Sportsman, IMCA, 3/8 to 1/2 Mile Track	CRN111411	—	F-256/3634-2S-5	4200-7200	11.5 to 12.5	256°	264°	105°	292°	300°	.026"	.026"	.545"	.563"
Late Model, Sportsman, IMCA, 3/8 to 1/2 Mile Track	CRN111431	—	F-260/3694-2S-6	4400-7400	11.5 Min.	260°	268°	106°	296°	304°	.026"	.026"	.554"	.572"
Late Model, Sportsman, IMCA, 3/8 to 1/2 Mile Track	CRN111451	—	F-260/370-2-6	4500-7500	11.5 Min.	260°	270°	106°	295°	305°	.026"	.028"	.555"	.578"
SB Chevy Roller Cams														
Good Mid-Range Torque/HP, 1/4 to 3/8 Mile Track	CRN118131	—	TR-242/3867-2S-6	3600-7200	11-12.5:1	242°	250°	106°	282°	290°	.022"	.022"	.580"	.600"
Late Model with Comp Motor, 1/4 to 3/8 Mile Track	CRN118751	—	R-252/420-2S-6	4000-7400	11.0 to 12.5	252°	260°	106°	284°	292°	.020"	.020"	.630"	.630"
Late Model with Comp Motor, 1/4 to 3/8 Mile Track	CRN118831	—	R-260/420-2 S2-6	4200-8000	11.5 Min.	260°	264°	106°	292°	296°	.020"	.020"	.630"	.630"
Application	Cam Part No.	Followers Part No.	Grind No.	Recommended Basic RPM	Comp. Ratio	Duration @ .050"		Degree Lobe Separation	Adv. Duration		Valve Lash		Valve Lift	
						Int.	Exh.		Int.	Exh.	Int.	Exh.	Int.	Exh.
Ford 2000/2300cc OHC 4-Cylinder Mechanical Cams, 1974-87 Mini Stock Moderate Comp.														
Long Oval Track	CRN192221	CRN19800-8	F0R-300-8	3400-7200	11-12.5:1	264°	264°	108°	300°	300°	.010"	.010"	.510"	.510"
Mini Stock Competition, Long Oval Track	CRN192241	CRN19800-8	F0R-310-8	4000-7600	12.0 Min.	274°	274°	108°	310°	310°	.010"	.010"	.535"	.535"

A: Includes cam, lifters, springs, assembly lube, and decals.

B: Cam and lifter kit, includes assembly lube, and decals.

Ultra-Pro Series 8620 Alloy Mechanical Roller Lifters

Ultra-Pro Series lifters are lighter, stronger, and more reliable than conventional mechanical roller lifters. Constructed from premium 8620 alloy steel, CNC-machined lifters use a "four column" design to maintain strength and rigidity and minimize weight. Lifters have been thoroughly proven in extensive Spintron testing. Sold in sets of 16.



Part No.	Description	Lifter Dia.	Pushrod Seat
CRN11570-16	SB Chevy V-8 262-400	.842"	Standard
CRN11571-16	SB Chevy V-8 262-400	.842"	.180" Offset Int.
CRN11573-16	SB Chevy V-8 262-400	.875"	.180" Offset Int.
CRN44570-16	Ford 221-302, 302 HO, 351W, 351C, 351M-400	.875"	Standard

"Anti-Pump Up" Hydraulic Lifters

Crane combines engineering quality and computer matched components for reliable and affordable hydraulic lifters. Anti-pump-up lifters use a patented oil control check valve for quiet, smooth operation. Sold in sets of 16.



Part No.	Description
CRN99277-16	1955-95 Chevrolet V-8 262-400
CRN99280-16	1962-95 Ford-Merc V-8 221-351W

Mechanical Lifters

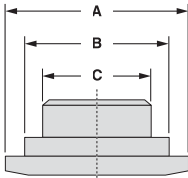
Bodies on Crane Mechanical Lifters are accurately machined to assure long life and durability. Precise oil metering lubricates the rocker arms and related components and eliminates excess oil supply to the rest of the valve train. Sold in sets of 16.



Part No.	Description
CRN99250-16	1955-95 Chevrolet V-8 262-400
CRN99257-16	1962-95 Ford V-8 221-302 and 351W

7° Steel Valve Spring Retainers

Retainers are machined from quality steel bar stock, heat-treated for strength and durability, and then coated with a black oxide finish for corrosion resistance. Sold in sets of 16.



Dimensions

Part No.	Valve Stem Dia.	Spring O.D. and Type	A	B	C
CRN99915-16	11/32"	1.225" to 1.250" Single or Dual	1.203"	.867"	.607"
CRN99916-16	11/32"	1.225" to 1.250" Single or Dual	1.203"	.867"	.607"
CRN99936-16	11/32"	1.430" to 1.500" Single or Dual	1.375"	1.060"	.675"
CRN99943-16*	11/32"	1.430" to 1.500" Single or Dual	1.375"	1.060"	.675"
CRN99944-16	11/32"	1.430" to 1.500" Single or Dual	1.375"	1.060"	.675"
CRN99953-16	11/32"	1.460" Dual	1.375"	1.075"	.792"
CRN99954-16**	Any	1.460" Dual	1.375"	1.075"	.792"
CRN99955-16**	Any	1.540" to 1.630" Dual or Triple	1.500"	1.135"	.635"
CRN99956-16	11/32"	1.540" to 1.630" Dual or Triple	1.500"	1.135"	.635"
CRN99957-16**	Any	1.430" to 1.500" Dual or Triple	1.375"	1.060"	.675"

* CRN99943-16 have a .060" taller installed height when compared to CRN99944-16.

** Multi-fit retainers require CRN99094-1 valve locks.

7° Single-Groove Valve Locks

Locks are available in stamped steel, machined, and multi-fit versions. Die-stamped alloy steel locks are heat-treated. Machined locks are made of steel billet and heat-treated, while the Multi-Fit locks have a larger outside diameter for greater strength and durability. All valve locks are packaged 16 to a set.



Part No.	Description
CRN99094-1*	Multi-Fit, 11/32"
CRN99095-1	Machined, 11/32", .050" More Ht.
CRN99096-1	Machined, 11/32", .050" Less Ht.
CRN99097-1	Machined, 11/32", Std. Ht.

* Must only be used with Crane Multi-Fit retainers.

Valve Stem Seals

PTFE seals provide proper oil control and durability, and use a spring loaded wiper to remove excess oil from the valve stem, preventing cylinder contamination. Machining is usually required for installation. Sold in sets of 16.



CRN99826-16

Part No.	Stem Dia.	Guide O.D.	Seal O.D.
CRN99820-16	11/32"	.531"	.620"
CRN99824-16	5/16"	.531"	.620"
CRN99826-16	11/32"	.500"	.600"

Valve Spring Shims

Steel shims are zinc plated for wear resistance and measure 1.480" O.D. x .703" I.D. Offered in thicknesses of .030" and .060".



Part No.	Description
CRN99051-1	Valve Spring Shims, .030" Thick, 32 Pieces
CRN99052-1	Valve Spring Shims, .060" Thick, 32 Pieces

Valve Train Organizer Tray

CRN99015-1

Lightweight tray holds rockers, pushrods, adjusting nuts, lifters, and spark plugs. Keeps parts in correct order.



KENNY CLARK

Valve Springs

Crane valve springs are manufactured with quality spring wire, precisely wound to exacting specifications, and checked under stringent quality control procedures. Sold in sets of 16.

Spring Diameter

Part No.	Damper	O.D. of Outer	I.D. of Outer	I.D. of Inner	Recommended Cam Application	Lbs. Seat Pressure @ Installed Height	Lbs. Open Pressure @ Height	Coil Bind
Single Springs								
CRN96801-16	Yes	1.460"	1.060"	—	Hyd. or Mech.	114 @ 1.800"	287 @ 1.250"	1.139"
CRN99833-16	No	1.440"	1.040"	—	Hyd. or Mech.	95 @ 1.703"	260 @ 1.200"	1.080"
CRN99835-16	Yes	1.500"	1.086"	—	Hyd. or Mech.	95 @ 1.625"	280 @ 1.150"	1.000"
CRN99839-16	Yes	1.500"	1.086"	—	Hyd. or Mech.	90 @ 1.875"	280 @ 1.300"	1.130"
CRN99840-16	Yes	1.460"	1.060"	—	Hyd. or Mech.	90 @ 1.578"	280 @ 1.100"	.935"
CRN99846-16	Yes	1.255"	.870"	—	Hyd. or Mech./H-11	115 @ 1.750"	350 @ 1.175"	1.100"
CRN99848-16	Yes	1.255"	.870"	—	Hyd. or Mech.	105 @ 1.700"	296 @ 1.200"	1.153"
Dual Spring Assemblies								
CRN99838-16	No	1.465"	1.091"	.807"	Hyd. or Mech.	110 @ 1.688"	320 @ 1.208"	.950"
CRN99876-16	Yes	1.565"	1.146"	.740"	Roller	160 @ 1.968"	472 @ 1.270"	1.200"
CRN99891-16	No	1.212"	.900"	.674"	Hyd. or Mech.	84 @ 1.563"	256 @ .970"	.865"
CRN99892-16	Yes	1.449"	1.075"	.794"	Hyd. or Mech.	120 @ 1.875"	394 @ 1.175"	1.035"
CRN99893-16	No	1.460"	1.075"	.803"	Hyd. or Mech.	120 @ 1.875"	394 @ 1.175"	1.080"
CRN99895-16	Yes	1.540"	1.140"	.754"	Hyd. or Mech.	135 @ 1.906"	390 @ 1.306"	1.175"
CRN99896-16	Yes	1.540"	1.140"	.760"	Mech.	132 @ 1.906"	414 @ 1.306"	1.135"



CRN99893-16

Nitro Carb Steel Rocker Arms

Use where rules require stock type rockers. Nitro carb steel rockers offer 3 to 5 times greater resistance to wear, fatigue, and fracture in high-stress areas, eliminating pushrod cup and fulcrum failures. Rockers are formed from heat-treated steel and incorporate a long slot design. Rockers are not self aligning and must be used with pushrod guideplates. Includes oil groove pivot balls and adjusting nuts. Sold in sets of 16.



Part No.	Description	Stud Dia.	Ratio
CRN11801C-16	SB Chevy 1955-87, Extra-Long Slot	3/8"	1.5
CRN11802C-16	SB Chevy 1955-87, Extra-Long Slot	3/8"	1.6

Energizer Rocker Arms

Rockers use die-formed aluminum bodies fitted with needle bearing fulcrums and roller tips.



Part No.	Description	Stud Dia.	Ratio
CRN11744-16	SB Chevy, 1955-87	3/8"	1.5
CRN11745-16	SB Chevy, 1955-87	7/16"	1.5
CRN11746-16	SB Chevy, 1955-87; SB Ford 221-351W, 1962-00	3/8"	1.6
CRN11747-16	SB Chevy, 1955-87; SB Ford 221-351W, 1962-00	7/16"	1.6
CRN44746-16 *	SB Ford 255-302, 1977-00	5/16" Bolt	1.7

* Increased-ratio, pedestal-mount hydraulic applications only.

Gold Race Extruded Rocker Arms

Crane's aluminum rocker arms are made from extruded billet aluminum for maximum strength. Needle-bearing fulcrums and roller tips reduce friction and oil temperature as they increase RPM and horsepower. Sold in sets of 16.



Part No.	Description	Stud Dia.	Ratio
CRN11750-16	SB Chevy, 1955-87	3/8"	1.5
CRN11752-16	SB Chevy, 1955-87, Clearance for 1.630" Spring	7/16"	1.5
CRN11755-16	SB Chevy, 1955-87, Clearance for 1.630" Spring	7/16"	1.6
CRN11759-16	SB Chevy, 1955-87	3/8"	1.6
CRN36757-16*	SB Ford, 1962-00 221-351W	7/16"	1.7
CRN86757-16*	SB Ford, 1962-00 221-351W	7/16"	1.6

* Requires screw-in rocker arm studs, guide plates, and heat-treated pushrods for installation.

Steel Rocker Arm Adjusting Nuts

Locknuts are available in traditional self-locking and Kool Nut, for use with stamped steel rocker arms. Kool Nut's unique design directs a pressure-fed flow of oil to the pivot ball. Sold in sets of 16.



Part No.	Description
CRN99768-16	Kool Nut, 3/8"-24, Counterbored to Work with Bottleneck Studs
CRN99769-16	Kool Nut, 7/16"-20, Counterbored to Work with Bottleneck Studs
CRN99770-16	Self-Locking, 3/8"-24
CRN99771-16	Self-Locking, 7/16"-20

Aluminum Rocker Arm Adjusting Nuts

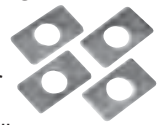
Billet steel lock nuts are for use with roller-tip, needle-bearing aluminum rocker arms. Available in standard or for use with stud girdles.



Part No.	Description	Min. Rocker Slot Width	Overall Ht.
Standard Adjusting Nuts			
CRN99788-16	3/8"-24 Nuts	.550"	1.063"
CRN99790-16	7/16"-20 Nuts	.550"	.922"
Stud Girdle Adjusting Nuts			
CRN99810-8	7/16"-20 Nuts	.600"	2.013"

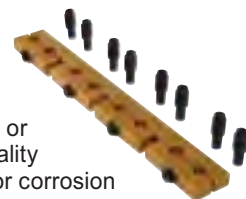
Ford Rocker Arm Pedestal Shim Kit CRN99170-1

Designed specifically for Ford 255-351W engines with non-adjustable, pedestal-mount rocker arms, kit corrects hydraulic lifter preload caused by camshaft change, valve job, head, or block milling without need for shorter pushrods. Kit includes shims to reduce preload by approximately .030", .060", or .090".



Quick-Lock Valve Train Stabilizers

Unique stud girdle slashes the time required to perform valve lash adjustments or to install or remove girdle. Made from quality aluminum bar stock and gold anodized for corrosion resistance. Includes rocker arm adjusting nuts.



Part No.	Description
CRN11600-1	SB Chevy 262-400 and Pontiac/Brodix with Standard Rocker Stud Spacing, 3/8" Studs
CRN11604-1	SB Chevy 262-400 and Pontiac/Brodix with Standard Rocker Stud Spacing, 7/16" Studs, for .600" Wide Top Slot Rocker Arms

Valve Lash Caps

Heat-treated, 8620 steel valve lash caps are used to improve wear surface or lengthen the valve for improved geometry.

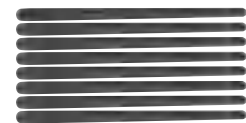


Part No.	Description
CRN99420-16	5/16" Dia. Valve Stems, .162" Tall, .060" Thick
CRN99421-16	11/32" Dia. Valve Stems, .162" Tall, .060" Thick
CRN99423-8	11/32" Dia. Valve Stems, .210" Tall, .100" Thick, Ford 2300cc SOHC

Note: Maintain a minimum of .030" clearance from bottom of lash cap to top of the valve locks.

Chrome Moly Pushrods

Pushrods are made from seamless 4130 chrome moly steel tubing, heat-treated with tensile strength ratings up to 128,000 lbs. Sold in sets of 16.



Part No.	Description	Diameter	Length
CRN11621-16	1955-87 Chevy V-8 262-400, Heat Treated	5/16"	7.765" (Stock)
CRN11622-16	1955-87 Chevy V-8 262-400, Heat Treated	5/16"	7.865" (+.100")

Pro-Series Pushrods **NEW!** CRN95636-16

One-piece 5/16" dia. pushrods, which are 7.800" long (standard SB Chevy) are constructed from aircraft-quality, .080" wall 4130 chrome moly tubing and include cold-forged, precisely formed ends. Pushrods are heat treated, allowing them to be used with or without guide plates. Sold in set of 16.



Super Moly Lube

A moly-disulfide based lubricant unequaled in wear protection. For use on cam lobes, lifters, and distributor gears. Recommended for all cam installations.

Part No.	Description
CRN99002-1	2 Ounce Container
CRN99003-1	8 Ounce Container
CRN99004-1	1 Pound Container



Engine Assembly Lube CRN99008-1

Provides extra lubrication and protection for engine components during assembly, initial firing, and critical break-in period. 4-oz. bottle.



Pro-Series Roller Chain Sets with Steel Billet Gear and Needle Thrust Bearing

Strong and accurate sets have CNC-machined billet steel camshaft and crankshaft sprockets and a rugged, double-row roller timing chain. The crankshaft sprocket has nine key locations for up to 8° of advance or retard adjustments.



Part No	Description
CRN11984-1	SB Chevy 1955-87, 262-400 C.I., 90° V-6 1978-86, 200-262 C.I., Complete Set with Multiple Keyway Crank Sprocket and Machined to Fit Thrust Washer
CRN44984-1	Ford 1973-00, 255-302, 351W C.I., Complete Set with Multiple Keyway Crank Sprocket and Machined to Fit Thrust Washer

Cam Lock Plate and Bolt Kit CRN99168-1

Secures cam timing sprocket bolts. Fits 90° V-6 Chevy, SB and BB Chevy 1957-95.



Camshaft Buttons

Button prevents camshaft "walking". Roller bearing reduces binding/friction at cam nose.

Roller Part No.	Description
CRN99164-1	Chevrolet V-8 262 through 400, 90° V-6



CRN99164-1

Fuel Pump Pushrods

Heat-treated, centerless-ground, tubular steel fuel pump pushrods fit both small and big block Chevrolets.

Part No.	Description
CRN11985-1	Bronze Tipped Pushrod, Use with 8620 Steel Roller Camshafts
CRN11986-1	Steel Tipped Pushrod, Use with Cast Mechanical and Hydraulic Cams



Bronze Distributor Gears

Bronze gears are a must when using roller type cams. Gears are machined from high silicon copper alloy.

Part No.	Description
CRN11979-1	SB and BB Chevy with .500" Shaft, MSD, Accel Distributors
CRN11990-1	SB and BB Chevy with .491" Shaft, Accel Distributors (Except BEI)
CRN36989-1	Ford 221-351W with .500" Shaft
CRN44990-1	Ford 221-351W with .531" Shaft



Single-Layer Proban Driving Suits

Single-layer suits incorporate attractive European styling and a high-rise collar. Offered in one- or two-piece (jacket and pants) designs, suits feature straight legs with inside cuffs and inset pockets. Meet SFI 3.2A/1 specifications. Offered in red, blue, or black.

Size	Red	Blue	Black
One-Piece Driving Suits			
Small	—	—	CRW24004
Medium	CRW24012	—	—
Large	—	—	CRW24024
X-Large	—	CRW24033	CRW24034
XX-Large	—	—	CRW24044
XXX-Large	—	—	CRW24054
Two-Piece Driving Suits			
Jacket			
Small	—	—	CRW25004
Medium	—	—	CRW25014
Large	CRW25022	—	CRW25024
X-Large	—	CRW25033	CRW25034
XX-Large	CRW25042	—	CRW25044
XXX-Large	—	—	CRW25054
Pants			
Small	—	—	CRW26004
Medium	—	CRW26013	CRW26014
Large	—	CRW26023	CRW26024
X-Large	—	CRW26033	CRW26034
XX-Large	—	—	CRW26044



Double-Layer Proban Driving Suits

Attractive driving suits incorporate modern European styling and high-rise collar. Constructed using fire-resistant Proban with a box quilt design, suits include straight leg cuffs with stirrups, back waist gussets, 180° shoulder gussets, and inset pockets. Meet SFI 3.2A/5 specifications. Offered in one- or two-piece (jacket and pants) versions in blue or black.

Size	Blue	Black
One-Piece Driving Suits		
Medium	—	CRW27014
X-Large	CRW27033	—
XX-Large	—	CRW27044
Two-Piece Driving Suits		
Jacket		
Medium	—	CRW28014
Large	CRW28023	CRW28024
X-Large	CRW28033	CRW28034
XX-Large	CRW28043	CRW28044
XXX-Large	—	CRW28054
Pants		
Medium	CRW29013	CRW29014
Large	—	CRW29024
X-Large	CRW29033	CRW29034
XX-Large	CRW29043	CRW29044
XXX-Large	—	CRW29054



Multi-Layer Nomex One-Piece Driving Suits

One-piece, multi-layer driving suits combine comfort, safety, and lightweight Nomex construction. European-styled suits incorporate a box quilted design with high-rise collar, straight leg cuffs and stirrups, back waist gussets, 180° shoulder gussets, and inset pockets. Suits have a 26TPP rating and meet SFI 3.2A/5 specifications. Offered in black only.

Size	Part No.
Medium	CRW30014
Large	CRW30024



Junior Driving Suits

Single-layer Proban driving suits are specifically designed to meet the needs of Quarter Midget drivers. Suits incorporate European styling with straight legs and inside cuffs, high-rise collar and inset pockets. Meet SFI 3.2A/1 specifications. Offered in one- or two-piece (jacket and pants) versions, suits are available in red, blue, or black.

Size	Red	Blue	Black
One-Piece Driving Suits			
Small	CRW24062	—	CRW24064
Medium	CRW24072	CRW24073	CRW24074
Large	CRW24082	—	CRW24084
Two-Piece Driving Suits			
Jacket			
Small	—	CRW25113	CRW25114
Medium	—	—	CRW25124
Large	—	—	CRW25134
Pants			
Small	—	CRW26113	CRW26114
Medium	—	—	CRW26124
Large	—	CRW26133	CRW26134



Nomex Underwear

Flame-retardant Nomex undergarments provide an extra layer of protection.

Description	Medium	Large	X-Large	XX-Large
Long Sleeve Shirt	CRW29101	CRW29102	CRW29103	CRW29104
Bottoms	—	CRW29106	CRW29107	—



Nomex Socks

Size	Size
9-11	11.5-13.5
CRW29117	CRW29118



Nomex Head Sock CRW29100

Flame-retardant Single eye port, flame-retardant head sock. One size fits all.



Helmet Skirt

Part No.	Description
CRW20174	Black
CRW20173	Blue
CRW20172	Red
CRW20176	Black, Nomex, SFI 3.3/5 Approved



All-Star Driving Gloves

Lightweight and comfortable, All Star driving gloves use pre-curved fingers with outside seams for increased comfort and dexterity. Performance leather grip points reinforce both the palms and fingers, while elastic wrist adds security. Offered in red, blue, or black, gloves meet SFI 3.3/5 specifications.

Size	Red	Blue	Black
Small	—	—	CRW11804
Medium	—	—	CRW11814
Large	—	CRW11823	CRW11824
X-Large	—	CRW11833	CRW11834



Standard Nomex Driving Gloves

Double-layer driving gloves are sewn with fire-resistant Nomex thread and include extra padding in the palm and knuckle areas. Meet SFI 3.2A/5 specifications. Offered in red, blue, or black.

Size	Red	Blue	Black
X-Small	—	—	CRW11694
Small	CRW11702	—	CRW11704
Medium	CRW11712	CRW11713	CRW11714
Large	CRW11722	CRW11723	CRW11724
X-Large	CRW11732	—	CRW11734



Mid-Top Suede Driving Shoes



New and improved mid-top driving shoe includes additional heel support for improved comfort. Satin suede outer combines with flame-retardant interior for a superior quality driving shoe. Meet SFI 3.3A/5 specifications. Offered in red, blue, or black.

Size	Blue	Black
4	—	CRW22400BK
5	—	CRW22500BK
6	—	CRW22600BK
7	—	CRW22700BK
7-1/2	—	CRW22750BK
9	CRW22900BL	CRW22900BK
9-1/2	—	CRW22950BK
10	—	CRW22100BK
10-1/2	CRW22105BL	CRW22105BK
11	—	CRW22110BK
12	—	CRW22120BK
12-1/2	—	CRW22125BK
13	CRW22130BL	CRW22130BK



High-Top Suede Driving Shoes

High-top driving shoes feature attractive sat-in suede exterior that combines with a flame-retardant interior. Meet SFI 3.3A/5 specifications. Offered in black only.



Size	Part No.
9	CRW21900BK
10	CRW21100BK
10-1/2	CRW21105BK
11	CRW21110BK
12	CRW21120BK

360° Neck Collars

Neck collars offer a full 360° of coverage and are available in flame retardant knitted material or Proban. Meet SFI 3.3 specifications. Offered in red, blue or black.



Description	Red	Blue	Black
Knitted Neck Collar	CRW20162	CRW20163	CRW20164
Proban Neck Collar	CRW20162A	CRW20163A	CRW20164A

Arm Restraints

Part No.	Description
Y-Style	
CRW11574A	Black, 2"
CRW11573A	Blue, 2"
CRW11572A	Red, 2"
Individual Style	
CRW11574	Black, 3"
CRW11572	Red, 3"



Junior Y-Style Arm Restraints **NEW!** CRW11574A2

Sized for the drivers of karts or micro sprints, 2" wide arm restraints meet SFI 3.3 specifications. Black only.



Harness Pads

Available for 2" or 3" wide shoulder belts, harness pads add comfort when cinching down belts. Manufactured from flame-retardant material, pads attach with Velcro. Sold per pair. Black only.

Part No.	Description
CRW11564	3" Harness Pads
CRW11564A2	2" Harness Pads



Driver Restraint Accessories and Mounting Hardware

Part No.	Description
CRW11364H	Individual Harness for Head-and-Neck Restraint, 3" to 2" to 3"
CRW11484	Dual Anti-Sub Belt, 2" Bolt-In, Black
CRW11546	Floor Mount Snap-In with Eye Bolt, Nut, and Washer
CRW11547	3-Bar Slide Adjuster, 3" Belts, Pair
CRW11548	Eye Bolt, Nut, and Washer, 7/16"-20, Pair
CRW11549	Bolt-In Bracket, Pair
CRW11549A	Bolt-In Bracket, 7/16" Hole, Pair
CRW11549B	40° Bent Bolt-In Bracket, Pair
CRW11551	3-Bar Slide Adjuster, 2" Belts, Pair



CRW11364H

5-Point Driver Restraints

Five-point driver restraints combine high-strength polyester webbing and heavy-duty steel hardware. Selected restraints are available with Blackbird black anodized hardware. Dog Bone harnesses include 3" to 2" shoulder belts to allow compatibility with head-and-neck restraint systems. Offered in red, blue, or black, restraints meet SFI 16.1 specifications.



Description	Red	Blue	Black
Standard Latch and Link			
52" Seat Belt, Ind. Harnesses, Bolt-In, Pull Down Adjust	CRW11002	CRW11003	CRW11004
52" Seat Belt, Ind. Harnesses, Bolt-In, Pull Down Adjust, Black Hardware	CRW11002B	CRW11003B	CRW11004B
55" Seat Belt, Ind. Harnesses, Wrap-Around, Duck Link on Left, Std. Link on Right	—	—	CRW11084
55" Seat Belt, V-Type Harness, Bolt-In, Pull Down Adjust, Black Hardware	—	—	CRW11084B
50" Seat Belt, Ind. Harnesses, Wrap-Around, Left Side Adjust Only	—	—	CRW20054
Latch and Link Wwith Built-In Latch Guard			
60" Seat Belt, Ind. Harnesses, Bolt-In, Pull Down Adjust	CRW11062	CRW11063	CRW11064
55" Seat Belt, V-Type Harness, Bolt-In Pull Down Adjust	—	—	CRW11084A
Dog Bone Harness/Head and Neck Restraint Compatible			
52" Seat Belt, Ind. Harnesses, Wrap-Around/Bolt-In, Pull Down Adjust	—	—	CRW11004-DB
60" Seat Belt, Ind. Harnesses, Bolt-In, Pull Down Adjust	—	—	CRW11064-DB
55" Ind. Harnesses, Bolt-In, Duck Link on Left, Std. Link on Right	—	—	CRW11084-DB
Quarter Midget Restraints			
2" Kam Lock, 40" Seat Belt, Ind. Harnesses, Bolt-In/Wrap-Around, Pull Up Adjust	—	—	CRW11174A
2" Std. Restraints, 40" Seat Belt, Ind. Harnesses, Bolt-In/Wrap-Around, Pull Up Adjust	—	—	CRW11184A
Ratchet Restraints			
Latch & Link, Wrap-Around, Ind. Harnesses, 3" Dog Bone Restraints, Ratchet on Left	—	—	CRW40044
50" Seat Belt, Ind. Harnesses, Wrap-Around, Ratchet on Left	—	—	CRW40064
2" Std. Restraints, Ind. Harnesses, Bolt-In/Wrap-Around, Ratchet on Left	—	—	CRW11194A
52" Seat Belt, Ind. Harnesses, Bolt In, HANS Compatible, Ratchet on Right	—	—	CRW40074L
Kam Lock Restraint			
60" Seat Belt, All Wrap-Around, Pull-Up Adjust	—	—	CRW11114D

Gear Bag CRW20175

Durable nylon gear bag measures 26" x 12" x 14", large enough to hold a complete driving suit, gloves, shoes, and helmet. Bag includes large zippered pockets on ends and front for plenty of storage, and padded shoulder strap. Embroidered with the Crow Enterprises logo.





Small Block Chevy Oval Track Racing Camshafts **NEW!**

Part No.	Description	Grind/ Lobe Center	Duration @ .050"		Gross Lift 1.5/1.5	
			Intake	Exhaust	Intake	Exhaust
CRO000251	Hydraulic Stock Lift Rule - Lighter Car, 3/8 Mi. Track, Good Low End, RPM Power Range: 350-372 C.I. 3250-6250, 383-400 C.I., 3000-5750, Redline 6000 RPM	228H236/106°	228°	236°	.390"	.410"
CRO000254	Hydraulic Stock Lift Rule - Lighter Car, 3/8 Mi. Track, Good Low End, RPM Power Range: 350-372 C.I. 3250-6000, 383-400 C.I., 3000-5750, Redline 6500 RPM+	228H234/106°	228°	234°	.419"	.417"
CRO000351	Solid Lifter Compu-Pro/NASCAR Sportsman, RPM Power Range: 3000-7000, Redline 7500+	288FDP/105°	254°	262°	.525"	.546"
CRO000355	Solid Lifter Compu-Pro - High Torque, Short Oval Track Cam, RPM Power Range: 3750-7000, Redline 7500 RPM+	276FDP/105°	244°	250°	.503"	.518"
CRO000356	Solid Lifter Compu-Pro - Fast Track Cam, Super Torque at High Revs, RPM Power Range: 3500-7500, Redline 7500+	294FDP/105°	260°	266°	.540"	.557"
CRO000430	Roller Lifter Ultra Action - High Torque Oval Track Profile, RPM Power Range: 3000-7000, Redline 7500 RPM+	284R/105°	256°	260°	.626"	.627"

Chevy Hydraulic and Solid Lifters

Quality hydraulic and solid lifters are available for Chevrolet V-8's. All lifters have a precisely ground and finished crown face for quick camshaft/lifter break-in and a long life. Set of 16.

Application	Hydraulic	Solid
Chevy V-8	CRO66000-16	CRO66900-16

Chevy "Coolface" Solid Lifters [CRO66900X980-16](#)

Lifters have a .024" oil metering port machined into the face to improve durability with no significant oil pressure loss. Ideal for high-RPM engines with high rocker arm ratios and valve spring pressures. Sold in sets of 16.



Full Body Roller Lifters

Bearings and outer races are crowned to eliminate lobe tracking. "HIPPO" (Hi-Pressure Pin Oiler) lifters have a .024" orifice to direct oil to the needle bearings, improving durability. Not available in offset designs. Sets of 16.

Part No.	Description
CRO66200-16	SB Chevy 262-400, .842" Dia.
CRO66200H-16	SB Chevy 262-400, .842", "HIPPO"
CRO66200T-16	SB Chevy 262-400, .842" Dia., .300" Higher Link Bar NEW!
CRO66200TH-16	SB Chevy 262-400, .842" Dia., .300" Higher Link Bar, "HIPPO". NEW!



Severe-Duty Cutaway Roller Lifters

Ideal for high RPM and high cylinder pressure, lightweight lifters have billet alloy bodies, and heavy-duty blades which are raised for use with late model blocks. "HIPPO" (Hi-Pressure Pin Oiler) lifters have a .024" orifice to direct oil to the needle bearings, improving durability. Choose standard or offset designs. Sets of 16.



Part No.	Description
CRO66215-16	SB Ford 221-351W
CRO66215H-16	SB Ford 221-351W, "HIPPO"
CRO66290-16	SB Chevy 262-400, .842" Dia.
CRO66290H-16	SB Chevy 262-400, .842" Dia., "HIPPO"
CRO66290X903H-16	SB Chevy 262-400, .903" Dia., "HIPPO"
CRO66292-16	SB Chevy 262-400, Offset Int., .842" Dia.
CRO66292H-16	SB Chevy 262-400, Offset Int., .842" Dia., "HIPPO"
CRO66292X874-16	SB Chevy 262-400, Offset Int., .874" Dia.
CRO66292X903-16	SB Chevy 262-400, Offset Int., .903" Dia.
CRO66378X937H-16	SB Ford 221-351W, .937" Dia., .150" Intake Offset, "HIPPO". NEW!

"Hi-Seat" Offset Roller Lifters

Roller lifters feature .180" offset, built-in rev kit buttons, and "Hi-Seat" pushrod design to allow use of shorter pushrods, reducing flex and weight. "HIPPO" (Hi-Pressure Pin Oiler) lifters have .024" orifices to direct oil to the needle bearings. Set of 16.

Part No.	Description
CRO66275-16	SB Chevy 262-400, .842" Dia.
CRO66275H-16	SB Chevy 262-400, .842" Dia., "HIPPO"



Endura Max Roller Lifters

The choice of serious racers, Endura Max Roller Lifters include a unique, needle-less roller bushing that allows increased load-carrying ability and improved durability. "HIPPO" (High Pressure Pin Oiling) feature helps keep roller and shaft fully lubricated. Sold in sets of 16, lifters are offset .150" and include (8) centered, (4) lefts and (4) rights.

Part No.	Description
CRO66292X842E-16	SB Chevy 262-400, .842" Dia.
CRO66292X903E-16	SB Chevy 262-400, .903" Dia.

Hydraulic Race Lifters **NEW!** [CRO66000R-16](#)

Race series lifters use heavy duty snap rings, preventing troublesome snap ring breakage when reduced pre-load is employed in order to increase RPM range. Fit Chevy V8. Sold in sets of 16.



Stainless Steel Rollerized Rocker Arms

Rockers are made of heat-treated 17-4PH stainless steel and fitted with oversized needle bearings, sure-lock rocker nuts, and ball race steel tip rollers. Lightweight, narrow-body rockers clear large-diameter valve springs or high-lift camshafts. Sold in sets of 16.



Part No.	Application	Ratio	Stud
CRO73601-16	SB Chevy 265-400	1.5	7/16"
CRO73641-16	SB Chevy 265-400	1.6	7/16"
CRO73612-16	SB Ford 221-351W	1.6	7/16"

Rocker Arm Accessories/Replacement Components

Part No.	Description
CRO86050S-16	Sure Lock 7/16"-20 Rocker Arm Nuts, 16 Pcs. NEW!
CRO88401-16	Rocker Arm Studs, Chevy/Ford, 7/16" x 2.650" O.A.L., 16 Pcs. NEW!

Valve Spring Set for GM "604" Crate Engine [CRO68135-16](#)

Valve springs are specifically engineered to directly replace the stock springs found in the GM "604" crate engine and offer increased performance and improved durability. Sold in sets of 16.



O.D.	I.D.	Free Length	Load @ Installed Height	Load @ Open Height	Coil Bind
1.355"	.905"	2.195"	110 lbs. @ 1.800"	343 lbs. @ 1.200"	1.155"



NEW VENDOR!

Heavy-Duty Ford 9" Housing

CUECE-2001LC

Heavy-duty, 9" Ford housing is made from high-grade formed steel for wrinkle-free construction. Housing weighs 25.8 lbs. and accepts 3" O.D. tubes, which may be inserted up to 4". Slots have been machined in the housing to provide additional weld contact for added strength. Extra-thick housing can be welded without distortion.



Axle Tubes CUECE-2007D

3" O.D. x .188" wall, 1026 D.O.M. steel axle tubes are 21" long for rear axles up to 63" wide. Sold in pairs.



Alignment Bar Fixture CUECE-9905



For accurate installation of axle tubes into Ford 9" housings.

Ford 9" Housing Accessories



CUECE-7020



CUECE-9000E

Part No.	Description
CUECE-7000C	Leaf Spring Pads, for 2" Springs, Pair
CUECE-7020	Shock Absorber Mounts, Universal, Pair
CUECE-8009	Housing Gasket, Heavy-Duty Material
CUECE-9000E	Housing Studs, 3/8" x 1.75", 10-Pack, Use with CUECE-9007
CUECE-9007	Nut and Washer Package, 10-Pack, Nuts and Sealing Washers

Pinion Supports

Standard or big bearing-style pinion supports for Ford 9" rears are both significantly stronger than the stock, gray iron support. The standard support can handle up to 350 horsepower. With a 50% larger bearing, the big bearing support offers unsurpassed durability. Both include races.



Part No.	Description
CUECE-4031*	Big Bearing Pinion Support
CUECE-4033N	Standard Pinion Support

* Requires CUECE-4044ND (1350 series), CUECE-4042FD (1310 series), or CUECE-4042MD (1330 series) pinion yoke for installation.

Large Bearing Housing Ends

Housing ends are for 3" O.D./2.62" I.D. axle tubes. Sold per pair.



Part No.	Description
CUECE-2008LB	Early/Big Ford Style
CUECE-2008TB	Late/Torino Style

Cut-to-Fit Axles

Small bearing, 28-spline replacement axles fit 1964-73 Mustang, Maverick, and all Mercury rear ends. Each axle has standard, Mustang-style 2.525" brake offset, 2.430" register hub diameter, and 5 x 4-1/2" wheel bolt pattern. Includes 1/2"-20 wheel studs, axle bearing, seal, and heavy-duty retainer plate.



CUECE-CTFSB32

Part No.	Description
CUECE-CTFSB28	CTF Axle Shaft, 28" Long
CUECE-CTFSB32	CTF Axle Shaft, 32" Long

"Sportsman Case"

CUECE-4026C

High-strength nodular iron case is machined to stock specifications with a reinforced pinion bearing bore and extended strengthening ribs. Accepts carriers with 3.062" O.D. bearings. Ideal for mild racing applications.



Limited Slip Differentials

Nodular iron Ford 9" clutch-type differentials have Raybestos clutches and allow torque to be applied through clutch function to limit wheel slippage. Requires Friction Modifier.



Part No.	Description
CUECE-5019	28-Spline Differential
CUECE-5020	31-Spline Differential
CUECE-5012	Friction Modifier, 4 oz. Bottle

Replacement Yokes

Heavy-duty yokes replace the stock items and even maintain the stock look with standard steel dust slingers. Fits any 9" rear with standard pinion supports.



Part No.	Description
CUECE-4042F	1310 Series, (3.25" x 1.062") Short Yoke
CUECE-4042M	1330 Series, (3.625" x 1.125") Standard Yoke
CUECE-4042L	1310 Series (3.25" x 1.125") Cross Size

Rear Brake Drum Kit

CUECE-6005AD

Convenient, 11" x 2-1/4" rear brake drum kit includes the Aftermarket Brake Condition Standard (ABCS), which is Torino housing ends, 2.500" brake spacing, and a 2.800" brake register, for ease of interchangeability. Loaded assemblies are complete with backing plates, wheel cylinders, brake shoes, automatic adjusters, return springs, and brake drums with both 5 x 4-1/2" and 5 x 4-3/4" bolt patterns. Sold in pairs.



Class III Hitches

Class III hitches employ a standard, 2" receiver size for maximum towing safety. Versatile units allow towing a wide variety of trailers including motorsports, camping, hunting, fishing, and more. Please call for applications.

MV Round Bar Weight Distributing Hitch Kit **CUR17062**

Kit helps provide a smooth, safe ride and level towing. Offering a towing capacity of 8,000-10,000 lbs. GTW and 800-1,000 lbs. of TW, hitch is sold complete with hitch bar, formed steel head, 2-5/16" trailer ball, round spring bars, sway control kit, adjustable shank and chain hookup brackets with lift handle. Fits any 2" receiver, providing compatibility with Class III, IV or V trailer hitches.



TruTrack Trunnion Bar Weight Distribution Hitch Kit **CUR17500**

TruTrack features a built-in sway control that levels the tow vehicle and trailer, while preventing trailer sway. Unit has a 8,000-10,000 lbs. GVW and 800-1,000 lbs. TW capacity and uses a spring and cam type system. Includes hitch bar, formed steel head, 2-5/16" trailer ball, trunnion spring bars, adjustable support brackets, hitch pin, and clip. Fits any 2" receiver, providing compatibility with Class III, IV or V trailer hitches.



Sway Control Kit **CUR17200**

Economical kit limits lateral trailer movement and prevents trailer sway. Includes sway control unit, trailer- and hitch-mounted attachment balls, weld-on tab, mount reinforcement plate and attachment clips.

Note: Weld-on tab is required for left-hand use or for applications not using a weight distribution hitch.



Adjustable Hitch Bars

Used to achieve the desired height for proper trailer stance.

CUR17120

CUR45949



Part No.	Description
CUR17120	2" Hitch Bar, 5-5/8" Drop/8-7/8" Rise, 15,000 lbs. GTW/1,500 lbs. TW
CUR17123	2" Hitch Bar, 7" Drop, 10-1/2" Rise, 15,000 lbs. GTW/1,500 lbs. TW
CUR45900	2" Channel Mount Hitch Bar, Dual Ball Shank, 2" @ 10,000 lbs., 2-5/16" @ 14,000 lbs.
CUR45902	2-1/2" Channel Mount Hitch Bar, Dual Ball Shank, 2" @ 10,000 lbs., 2-5/16" @ 20,000 lbs.
CUR45949	2" Rebellion XD Adjustable Cushion Hitch Ball Mount, 15,000 lbs. GTW/1,500 lbs. TW

CUR45820



Receiver Accessories

Part No.	Description
CUR21500	5/8" Dia. Hitch Pin, Fits 2" Receivers
CUR21511	5/8" Dia. Hitch Pin, Rubber-Coated, Fits 2" Receivers
CUR21602	Hitch Pin Clips, 3-Pack, Fits 1/2" or 5/8" Dia. Hitch Pins
CUR22272	2" Rubber Hitch Tube Cove
CUR23021	5/8" Dia. Hitch Pin Lock, Chrome Deadbolt, Fits 2", 2-1/2" or 3" Receivers, Includes (2) Keys
CUR23518	5/8" Dia. Hitch Pin Lock, Black Barbell, Fits 2" Receivers, Includes (2) Keys
CUR40067	2-5/16" Trailer Ball, Chrome, 7,500 lbs.
CUR45032	2" Class III Ball Mount, 2" Drop, 7-1/2" Long, 7,500 lbs.
CUR45052	2" Class III Ball Mount, 4" Drop, 8-1/4" Long, 7,500 lbs.
CUR45405	2-1/2" to 2" Reducer Sleeve
CUR45820	2" Class III Ball Mount with Sway Tab Ball Mount, 2" Drop, 7,500 lbs.

Brake Controllers

CUR51110

CUR51120



CUR51140

CUR51180



Featuring fully adjustable power and ramp time, brake controllers deliver truly customized trailer braking. Units are compatible with low-volt, PWM, ABS, cruise control, and electric-over-hydraulic brake systems.

Part No.	Description
CUR51110	Venturer Brake Controller, 1-3 Axles, LED Display
CUR51120	Discovery Brake Controller, 1-4 Axles, Digital Display
CUR51140	Triflex Brake Controller, 1-4 Axles, Deluxe Digital Display
CUR51180	Echo Mobile Brake Controller, Wireless, Installs Between Vehicle/Trailer 7-Way Connector

Popular Towing/Electrical Components



CUR52011

Part No.	Description
CUR52011	Breakaway Switch, Connects Tow Vehicle to Trailer Breakaway Battery
CUR55415	Replacement OE 7-Way RV Blade Socket, Plugs into USCAR
CUR58141	7-Way RV Blade Connector Plug, Trailer Side, Black Plastic
CUR58151	7-Way RV Blade Connector Socket, Vehicle Side, Black Plastic



Cyclo has a line of cleaners, chemicals, and lubricants for professionals and hobbyists.

Ground
Shipment
Only



CCLC1

Part No.	Description
CCLC1	Carb Clean, 13-oz. Spray Carb Cleaner
CCLC5	Carb Clean, 19-oz. Spray Carb Cleaner
CCLC10	Break-Away, Penetrates/Lubricates, 13-oz. Aerosol Can
CCLC28	Power Steering Fluid, 32-oz. Bottle
CCLC30	Engine Clean, 16-oz. Aerosol Can
CCLC32	Brake and Parts Clean, Green Can, 18-oz. Aerosol Can
CCLC33	Silicone Spray, 10-oz. Aerosol Can
CCLC34	White Grease, 11-oz. Aerosol Can

Part No.	Description
CCLC52	Radiator Stop Leak, 11-oz. Bottle
CCLC55	Brake Fluid, 12-oz. Bottle
CCLC56	Brake Fluid, 32-oz. Bottle
CCLC111C*	Brake and Parts Clean, Red Can, 15-oz. Aerosol Can
CCLC331	Glass Clean, 23-oz. Aerosol Can
CCLC400**	Heavy-Duty Faster Super Penetrant, 11-oz. Aerosol Can

* Meets OTC regulations for sale in California and other OTC states.
** This formula is flammable.



Exhaust Wrap

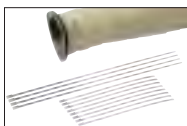
Wrapping the exhaust on a race car adds horsepower and reduces unwanted heat in the engine and driver's compartments. It also protects wiring and hoses from premature failure. Choose from tan, black titanium, or black glass.

Description	1" x 15' Part No.	1" x 50' Part No.	1" x 100' Part No.	2" x 15' Part No.	2" x 25' Part No.	2" x 50' Part No.	2" x 100' Part No.	8" x 100' Part No.
Tan	DSN010105	DSN010101	—	DSN010106	—	DSN010102	—	—
Titanium	DSN010128	DSN010126	—	DSN010129	DSN010131	DSN010127	DSN010130	—
Black Titanium	—	—	—	DSN010005	DSN010004	DSN010003	DSN010002	—
Black Glass	DSN010120	DSN010107	DSN010118	DSN010121	—	DSN010108	DSN010116	DSN010085



Locking Ties

DEI stainless steel locking ties can be used anywhere there is extreme heat, vibration, or a need for extra strength. Locking ties are fireproof, with a melting temperature of 2500°F (1371°C).



Part No.	Description
DSN010201	8" Stainless Locking Ties, 8-Pk.
DSN010202	14" Stainless Locking Ties, 4-Pk.
DSN010220	Locking Tie Tool, Eases Installation

HT Silicone Coating

Coating can be used directly on surfaces or in combination with other products such as exhaust wrap. When applied to exhaust manifolds, pipes, or mufflers, coating helps maintain the integrity of the surface.



Part No.	Description
DSN010301	Black HT Silicone Coating
DSN010302	Aluminum HT Silicone Coating

Protect-A-Boot and Wire Kits **NEW!**

Kits combine the benefits of Protect-A-Boot, Protect-A-Wire, and Hi-Temp Shrink Tubes for the ultimate in spark plug wire protection. Boots and sleeving are constructed from high-temperature-resistant glass fiber material. Offered in titanium only.



Part No.	Description
DSN010704	2-Cylinder Kit, Includes 7' Line Sleeving, (6) Shrink Tubes and (2) Protect-A-Boots
DSN010705	8-Cylinder Kit, Includes 25' Line Sleeving, (25) Shrink Tubes and (8) Protect-A-Boots

Titanium Pipe Shield DSN010450

Can withstand temperatures of up to 1,350°F, titanium pipe shield can be used to help prevent heat from penetrating the floorboard or provide protection to hoses, lines, or electrical wiring. Shield is 6"W x 12"L and installs easily with included rivet-based pipe standoff brackets and stainless clamps.



Protect-A-Boot

Protects straight or 90° spark plug boots and wires from extreme radiant heat created by headers or exhaust manifolds, eliminating misfire and possible engine damage. Protect-A-Boot is also offered in extended, 8" length, while Protect-A-Boot Sleeve includes a larger I.D. to allow installation without spark plug boot removal. Choose from silver, black, red, blue, or titanium.



Description	Silver	Black	Red	Blue	Titanium
6" Long, Pair	DSN010501	DSN010511	—	—	—
6" Long, Set of 8	DSN010502	DSN010512	DSN010522	DSN010532	DSN010542
7" Long, Pair	DSN010510	—	—	—	—
7" Long, 4-Pack	DSN010509	—	—	—	—
7" Long, 8-Pack	DSN010518	—	—	—	—
8" Long, Pair	—	—	—	—	DSN010543
8" Long, 6-Pack	—	—	—	—	DSN010540
8" Long, Set of 8	—	—	—	—	DSN010544
Sleeve, Pair	DSN010551	—	—	—	—
Sleeve, Set of 8	DSN010552	—	—	—	—

Heat Shroud DSN010405

High-temp fiberglass fabric is bonded to an aluminized material that reflects up to 90% of radiant heat and up to 500°F of continuous heat. Hook-and-loop closure allows wrapping around hoses, cables, etc. Heat Shroud is 1" dia. x 3' long.



Titanium Protect-A-Sleeve DSN010475

High-temperature, 1/2" I.D. x 4' long Titanium Protect-A-Sleeve protects wires, lines, and cables from up to 1,800°F of direct heat and up to 2,500°F of radiant heat. Sleeve fits most spark plug wires, providing protection from exhaust headers.



Versa-Shield DSN010402

Versa-Shield universal heat shield protects starters, carbs, fuel pumps, and electrical components from heat. Versa-Shield is 7" x 24".





Fire Wrap 3000

Fire-resistant Fire Wrap 3000 withstands repeated exposure of up to 3,000°F and up to 500°F of direct, continuous heat. Inner sleeve is made of glass fiber and the outer sleeve is heavily coated with a compound of silicone rubber and iron oxide. Hook-and-loop Velcro closure eases installation and removal. Sold in 2' lengths.



Part No.	Description
DSN010477	Fire Wrap 3000, 5/8" I.D. x 2' Long
DSN010478	Fire Wrap 3000, 1" I.D. x 2' Long
DSN010479	Fire Wrap 3000, 1-1/2" I.D. x 2' Long

4-/6-Cylinder Speed Sleeve Kit **NEW!** DSN010114

An alternative to completely wrapping headers, Speed Sleeves are ideal for spot protection from heat-generating header pipes and manifolds. Designed exclusively for 4- and 6-cylinder applications, easily installed kit includes 12' x 8" wide exhaust wrap, lock fasteners, and locking ties.



Fire Sleeve and Tape Kit

Woven fiberglass braided sleeve is coated with iron oxide silicone rubber that can withstand up to 500°F of continuous and 2,000°F of intermittent heat for protection of wires, lines, and hoses. Kits include a 3' length of sleeve and a 1" wide x 16" length of self-bonding, self-curing fire tape.



Description	3' Long Kit Part No.	25' Long Kit Part No.
Fire Sleeve and Tape Kit, 3/8" I.D.	DSN010470	DSN010470B25
Fire Sleeve and Tape Kit, 5/8" I.D.	DSN010472	DSN010472B25
Fire Sleeve and Tape Kit, 1" I.D.	DSN010474	DSN010474B25
Fire Tape, 1" Wide	DSN010476	—
Fire Sleeve and Tape Kit, 1-5/8" I.D. NEW!	DSN11001	—

Heat Screen

Aluminized radiant screen is capable of withstanding heat up to 2,000°F. Screen can be applied with a high-temperature glue or fastened with screws or rivets.



Part No.	Description
DSN010401	36" x 40"
DSN010399	36" x 20" NEW!

Heat Screen GOLD **NEW!**

A reflective heat barrier that can protect and keep components cool. Ideal for air intakes, firewalls, or floor pans, heat-treated glass fiber base material is bonded to a metalized polyimide laminate resulting in a product that can reflect direct heat up to 800°F. Just .031" thick, Heat Screen GOLD may be affixed with fasteners or DEI Hi-Temp Adhesive.

Part No.	Description
DSN010913	36" x 40"
DSN010919	24" x 24"



High-Temp Shrink Tubes

Flame-retardant tubing easily fits over the end of connectors and shrinks down to 33% of its original diameter. Fits snugly to provide a waterproof, dust-proof seal. Ideal for electrical wiring, cables, etc.

Part No.	Description
DSN010832	Shrink Tube, 9mm x 4' Long
DSN010833	Shrink Tube, 12mm x 4' Long
DSN010834	Shrink Tube, 18mm x 4' Long
DSN010858	Shrink Tube, 19mm x 2' Long NEW!



Air Intake Cover Kit DSN010486

This 13" x 28" Gold Cool Cover is designed to keep air intake tubes cool and protected. Manufactured to fit 3"-4" diameter tubes, the hook-and-loop closure material makes installation simple and quick. Easy to cut and trim to size.



Gold Heat Shroud DSN010458

Constructed from high-temperature glass fiber base material and "Reflect-a-Gold" outer facing, this heat shroud will withstand 800°F direct continuous heat. Designed to fit 1/2" to 1-1/4" diameter wires or hoses. The hook-and-loop fastening material allows installation without removing the wire or cable and the 36" long sleeve is easily cut to fit.



Heat Sheath Gold™

These heat sleeves can withstand up to 800°F direct heat, giving protection from heat, chemicals, oil, and grease. Metalized polyimide laminate bonded to a 20-oz. heat-treated glass base material keeps components cool. Available in five different diameters, the 36" lengths are easily trimmed.



Part No.	Description
DSN010914	3/4" Diameter x 36" Long
DSN010915	1-1/4" Diameter x 36" Long
DSN010916	1/2" Diameter x 36" Long
DSN010917	1" Diameter x 36" Long
DSN010918	2-1/4" Diameter x 36" Long

GM LS Engine Coil Pack Heat Shield DSN011001

These semi-rigid shields are made from double-sided aluminum and high-temperature foam core. Made to work with both factory and after-market coils and brackets. Easily installed under the coil brackets, reducing engine and exhaust heat to the coils. Sold in pairs.



Flexible Heat Shield **NEW!**

Flexible Heat Shield is designed to provide spot heat protection from hot exhaust, preventing heat transfer to nearby components or into the driver's compartment. Offered in Titanium (bronze with brushed trim), ONYX (black with brushed trim), and ONYX Double Black, each shield includes a metal trim ring and is sold complete with stainless steel mounting hardware, which fits pipes up to 3-1/2".

Part No.	Description
DSN010900	ONYX Heat Shield, 3-1/2" x 6-1/2"
DSN010901	Titanium Heat Shield, 3-1/2" x 6-1/2"
DSN010902	ONYX Heat Shield, 4" x 8"
DSN010903	Titanium Heat Shield, 4" x 8"
DSN010926	ONYX Double Black Heat Shield, 3-1/2" x 6-1/2"
DSN010927	ONYX Double Black Heat Shield, 4" x 8"



Easy Loom™ Master Kit DSN010663

Everything needed to protect and restore factory or after-market wire harnesses. Easy Loom™ sleeves are split for easy installation without having to remove wires or cables. Kit includes five different Easy Loom™ sleeves from 3/16" to 1" diameter, shrink tube ends, silicone tape, lock ties, and electrical tape.





Easy Loom™ Split Wire Sleeves

These multifilament woven sleeves are made with a split design, allowing installation without removing or disconnecting the wires or cables. Provide protection from abrasion, chemicals, and harsh elements with sizes ranging from 3/16" I.D. through 1-1/2" I.D. Black only.

Part No.	Description
DSN010650	3/16" I.D. x 20' Long
DSN010651	5/16" I.D. x 20' Long
DSN010652	3/8" I.D. x 20' Long
DSN010653	1/2" I.D. x 12' Long
DSN010654	5/8" I.D. x 12' Long
DSN010655	3/4" I.D. x 12' Long
DSN010656	1" I.D. x 10' Long
DSN010657	1-1/2" I.D. x 6' Long



Vapor Block™ Fuel Line Sleeve

Sleeving designed to prevent fuel line vapor lock. The split design sleeving with adhesive flap is made from glass fiber and polyester laminated to an aluminum outer layer.

Part No.	Description
DSN010669	5/8" I.D. x 36" Long
DSN010671	3/8" I.D. x 36" Long
DSN010672	1" I.D. x 36" Long NEW!



Titanium™ Exhaust Wrap

This exhaust wrap is made from pulverized lava rock, stranded into a fiber material and woven into a proprietary weave. Extremely pliable, the premium wrap will withstand 1,800°F direct and 2,500°F intermittent heat. The high-tech carbon fiber-look material resists abrasions, oil spills, temperature fluctuations, and vibration breakdown.

Part No.	Description
DSN010125	Titanium Exhaust Wrap, 2" x 33 ft.
DSN010133	Titanium Exhaust Wrap, 1" x 100 ft.
DSN010134	Titanium Exhaust Wrap, 4" x 100 ft.
DSN010135	Titanium Exhaust Wrap, 6" x 100 ft.



Titanium™ Protect-A-Sleeve

These high-temperature-rated sleeves provide superior thermal protection for street vehicles or race engines, protecting fuel, oil lines, spark plug, and electrical wires from up to 1,800°F direct heat and 2,500°F radiant heat. The 1/2" I.D. sleeves will fit many of today's larger diameter spark plug wires.

2" x 3' Part No.	1" x 4' Part No.
DSN010482	DSN010483



Titanium Protect-A-Wire™ Sleeve Kit DSN010603

Protects spark plug wire sets from potential burning, cracking, and hardening typically caused by severe under-hood heat. Easily installs on wire by removing distributor boot and sliding Protect-A-Wire™ over spark plug wire. Developed with Titanium LR fiber technology and able to withstand up to 1,800°F direct heat and 2500°F radiant heat. This eight-cylinder kit contains 25' heat sleeve, sixteen numbered heat shrink tubes, and eight additional heat shrink tubes.



Cool-Tape DSN010408

Cool-Tape protects wiring, cables, and hoses from up to 2,000°F of radiant heat. Aluminized, 1-mil thick material is bonded to fiberglass and includes a self-adhesive backing for quick, easy application. Sold in 1-1/2" wide x 15' long roll.



Black Titanium™ Exhaust Wrap

Manufactured with LR Technology, this exhaust wrap is manufactured from pulverized lava rock, stranded into a fiber material, then woven into a proprietary weave. Designed to be pliable and resistant to chemical oil spills and vibration breakdown, it secures tightly without pre-wetting and is able to withstand direct heat up to 1,800°F and intermittent heat up to 2,500°F.



2" x 15' Part No.	2" x 25' Part No.	2" x 50' Part No.	2" x 100' Part No.
DSN010005	DSN010004	DSN010003	DSN010002

Oil Filter Heat Shield **NEW!**

Universal fit oil filter heat shield effectively blocks radiant heat, reducing oil temperatures and increasing engine durability. Peel-and-stick installation heat shields are sold in packs of three.



Part No.	Description
DSN010740	Oil Filter Heat Shields, 3.5" x 4.5" x 4", 3-Pack
DSN010741	Oil Filter Heat Shields, 2.5" x 3.5" x 3", 3-Pack

Black Floor and Tunnel Shield **NEW!**

Shield protects the driver's compartment from heat transfer and also offers an attractive black finish. Manufactured using an embossed 10 mil aluminum face bonded to an 1/8" composite glass/fiber core, shield includes a super strong, pressure-sensitive backing. Offers direct heat resistance up to 1750°F. Simply shape and trim as desired, peel and stick into place.



Part No.	Description
DSN050549	Black Floor and Tunnel Shield, 42" x 48"
DSN050552	Black Floor and Tunnel Shield, 21" x 48"

EXO Series Wrap

The EXO Series exhaust wrap is 1.5" wide, making it easy to install on any type of header, exhaust pipe, or exhaust system. Perfect for high-impact spot protection. Available in black only.



Description	1.5" x 10' Part No.	1.5" x 20' Part No.	1.5" x 30' Part No.
Black	DSN010077	DSN010078	DSN010058

EXO Series Protect-A-Boots

EXO Series spark plug boots combine an outer exoskeleton stainless mesh with an inner dual-layer silica boot to deliver extreme temperature protection to spark plug boots and wires.



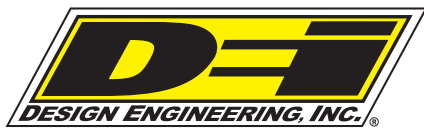
Part No.	Description
DSN010086	8-Pack
DSN010088	2-Pack

EXO Sleeve™ Abrasion Resistant Sleeving

The EXO Sleeve™ is constructed from high-temperature-resistant, braided glass material that is woven into a sleeve and heavily coated with 100% silicone rubber. A 304 stainless mesh exoskeleton surrounds the sleeve, providing an extra layer of protection from harsh, abrasive conditions. These sleeves will withstand direct, continuous heat up to 500°F and 2,000°F of intermittent heat.



Part No.	Description
DSN010872	EXO Sleeve™, 3/8" I.D. x 3' Long
DSN010873	EXO Sleeve™, 1" I.D. x 3' Long



Onyx Series™ Starter Shield [DSN010236](#)

Constructed of two layers of material: a highly reflective outer layer combined with a high-heat inner layer. Designed for severe-duty use and able to withstand direct heat of up to 1,350°F, this shield is perfect for high-heat applications where heat soak is a problem.



Cool Tape Heat Reflective Tape [DSN010468](#)

Cool Tape™ is a flexible, super strong, self-adhesive, thermal insulating tape capable of protecting against up to 2,000°F of radiant heat and 400°F direct heat. Constructed of one-mil aluminized material bonded to a woven glass fiber heat resistant matting. Cool Tape™ is an ultra-lightweight, heat-reflective solution for wrapping wires, cables, hoses, fuel lines, and covering seams. Sold in 2" wide x 30' long roll.



Corvette Trans Tunnel Heat Shield **NEW!**

Perfect for road racing or dual-purpose street/racing applications, custom heat shield prevents heat transfer through the transmission tunnel of late model Corvettes, keeping the interior cool and comfortable. Extremely lightweight, this effective heat shield is precision die cut for a perfect fit and easy installation. Simply peel backing, align, and press into place.



Part No.	Description
DSN050525	C5 (1997-2004) Trans Tunnel Heat Shield Plate Only, 1 Pc.
DSN050526	C6 (2005-13) Trans Tunnel Heat Shield Plate Only
DSN050529	C5 (1997-2004) Trans Tunnel Side Shields Only, 4 Pcs.
DSN050530	C5 (1997-2004) Complete Trans Tunnel Shield Kit, 5 Pcs. (Includes DSN050525 & DSN050529).

Heat Shield™

Able to withstand direct heat temperatures of up to 500°F, this glass fiber fabric with aluminum outer facing is manufactured with hook-and-loop closure along the open edges. This design allows installation without removing one end of the wire or cable. Fits hoses, wires, or cables from 1/2" to 2-1/2" in diameter and is easily trimmed to length.



3/4" x 3'	2-1/2" x 3'
Part No.	Part No.
DSN010457	DSN010487

Reflective Fuel Can Covers

Reflective cover protects race fuel cans or jugs from exposure to the sun, keeping fuel temperatures stable and extending fuel life. Covers are available to fit 5-gallon metal cans or 11-gallon dump cans.

Part No.	Description
DSN010467	5-Gallon Metal Can Cover
DSN010498	11-Gallon Dump Can Cover



Form-A-Barrier **NEW!** [DSN011002](#)

Lightweight, formable rigid shield protects components such as fuel filters or ignition components that are close to exhaust components. Shield is 12" x 12" x 3/16" thick, and offers thermal protection to 1300°F and may be secured with fasteners.



Grommet and Locking Tie Kit [DSN010223](#)

Complete kit manufactured for professional-looking installation of heat shields and other heat barrier products. Kit consists of 24-3/8" grommets, grommet eyelet tool, six -20" long stainless steel locking ties, and locking tie tightening tool.



Go-Kart Racer Heat Reflective Arm Sleeve [DSN010867](#)

Designed to keep engine and exhaust heat away from racer's right arm. Heat-resistant thermal sleeve will reduce heat transfer and improve driver comfort. Large size only.



Oil Rug **NEW!**

Ideal for shops, car haulers, etc., Oil Rug has the ability to catch, absorb, and contain oil spills. Absorbent rugs protect floors and work areas from gasoline, oils, and glycols, while easing clean-up. Rugs feature an absorbent felt face, hydrophobic material center and a barrier layer backing to contain fluids. Offered in three sizes.



Part No.	Description
DSN010750	Oil Rug, 12" x 18"
DSN010751	Oil Rug, 18" x 24"
DSN010752	Oil Rug, 29" x 48"

Torch Cable Covers **NEW!**

Lightweight, flexible covering provides superior abrasion and chemical resistance to welding cables. Self-closing, split sleeve cover is easily installed and withstands temperatures up to 347°F with a 500°F melting point. Meets SAE ARP 1536 A and ISO 6722 Abrasion and SAE J 369 Flammability ratings. The 3/4" I.D. and 33% overlap fits most cables.



Part No.	Description
DSN010664	Torch Cable Cover, 3/4" I.D. x 11' Long
DSN010665	Torch Cable Cover, 3/4" I.D. x 22' Long

Tig Chill **NEW!** [DSN040209](#)

TIG welder performance coolant additive is specially formulated to improve cooling system effectiveness, maximizing the thermal transfer ability of coolant/water mixture or plain water. Safe for all systems and all types of coolants. Sold in a 4-oz. bottle.



TOMMY BURKE



EZ Saturday Night Special Quick-Change Rear **NEW!**

New, modular rears with lightweight magnesium centers combine the benefits of exceptional strength, versatility and simple, bolt-on tube replacement. Shallow aluminum, heavy-duty side bells increase rigidity by nearly 75%, which reduces flex and improves traction. Tubes are retained to the bell with (6) Grade L9 7/16" studs, allowing tube changes in under 10 minutes without even removing the rear from the car. Rigid tube collars remain straight and true, even when subject to heavy crashes. Rears listed are less tubes.



Part No.	Description
DMIEZIMCA4.12	Rear, Less Tubes, 4.12 Ring & Pinion
DMIEZIMCA4.86	Rear, Less Tubes, 4.86 Ring & Pinion

EZ Professional Quick-Change Rear **NEW!**

Identical in design and construction to the above EZ Saturday Night Special with the addition of several performance and durability enhancing options. Modular rear includes a black thermal coating, REM-finished ring and pinion, gun drilled lower shaft, low drag seals, Ultralight aluminum spool, Pro Glide treated bearings, and includes 5 quarts of Bulldog Blood gear oil. Rears listed are less tubes.



Part No.	Description
DMIEZIMCA4.12PRO	Less Tubes, 4.12 Ring & Pinion
DMIEZIMCA4.86PRO	Less Tubes, 4.86 Ring & Pinion

EZ Quick-Change Rear Tube Assemblies **NEW!**

Tube and collar assemblies are complete, eliminating the labor associated with a press-on installation. Steel, 2-1/2" GN tube assemblies listed are .188" wall.



Part No.	Description
DMIRRC-2285-22-KIT	2-1/2" GN Base and Steel Tube (Installed), 22" Long
DMIRRC-2285-24-KIT	2-1/2" GN Base and Steel Tube (Installed), 24" Long
DMIRRC-2285-26-KIT	2-1/2" GN Base and Steel Tube (Installed), 26" Long
DMIRRC-5400	Tube Base Only, Gold Anodized Aluminum

CT-1 Saturday Night Special Quick-Change Rear

Gearred with the Saturday night racer in mind, the quick-change rear features a 100% magnesium center section and bells with fill level and drain plugs, O-ringed rear cover with heavy-duty bearings, aluminum spool, precision-ground heat-treated lower shaft, bell-to-bell, and correct length center hardware.



Part No.	Description
Quick-Change Rears with 4.12 Ring & Pinion	
DMIIMCA4.12SAT-HA-KIT	Rear with Tubes, Hubs, Rotors, and Hollow Axles
DMIIMCA4.12SAT-TU-HA	Rear with Tubes and Hollow Axles
DMIIMCA4.12SAT-TU-HA-2	Rear with Tubes and Hollow Axles, 2" Offset
Quick-Change Rears with 4.86 Ring & Pinion	
DMIIMCA4.86SAT-HA-KIT	Rear with Tubes, Hubs, Rotors, and Hollow Axles
DMIIMCA4.86SAT-HA-KIT-2	Rear with Tubes, Hubs, Rotors, and Hollow Axles, 2" Offset
DMIIMCA4.86SAT-SA-KIT	Rear with Tubes, Hubs, Rotors, and Solid Axles
DMIIMCA4.86SAT-TU-HA	Rear with Tubes, and Hollow Axles
DMIIMCA4.86SAT-TU-HA-2	Rear with Tubes, and Hollow Axles, 2" Offset

CT-1 Professional Series Quick-Change Rear

The Professional Series rears include many of the same components as the Saturday Night Special with the addition of many performance and durability enhancing features. Quick changes include a black thermal coating, REM-finished ring and pinion, gun drilled lower shaft, low drag seals, Ultralight aluminum spool, Pro Glide treated bearings, and includes 5 quarts of Bulldog Blood gear oil.



Part No.	Description
Quick Change Rears with 4.12 Ring & Pinion	
DMIIMCA4.12PRO-HA-KIT	Rear with Tubes, Hubs, Rotors, and Hollow Axles
DMIIMCA4.12PRO-HA-KIT-2	Rear with Tubes, Hubs, Rotors, and Hollow Axles, 2" Offset
DMIIMCA4.12PRO-TU-HA	Rear with Tubes and Hollow Axles
Quick Change Rears with 4.86 Ring & Pinion	
DMIIMCA4.86PRO	Rear Less Tubes
DMIIMCA4.86PRO-HA-KIT	Rear with Tubes, Hubs, Rotors, and Hollow Axles
DMIIMCA4.86PRO-HA-KIT-2	Rear with Tubes, Hubs, Rotors, and Hollow Axles, 2" Offset
DMIIMCA4.86PRO-TU-HA	Rear with Tubes and Hollow Axles

Quick-Change Ring and Pinion Sets

Description	Ring & Pinion Only Part No.	Ring & Pinion with Bearings Part No.
4.12 Ring and Pinion	DMIRRC-1300	DMIRRC-1300L
4.86 Ring and Pinion	DMIRRC-1305	DMIRRC-1305L



Bulldog Blood Gear Oil

Fully synthetic, high-performance 75W90 gear oil is a proprietary formula that includes extreme pressure additives to prevent excessive wear. Special additives dramatically increase gear life, while the non-foaming formula lowers operating temperatures. Sold in one-quart and one-gallon containers.



Part No.	Description
DMIBULLDOGQT	75W90 Gear Oil, 1 Quart
DMIBULLDOG1	75W90 Gear Oil, 1 Gallon

CT-1 Quick-Change Rear Replacement Components

Part No.	Description
DMIRRC-1102	Magnesium Left Side 6-Rib Bell
DMIRRC-1102-01	Magnesium Left Side 6-Rib Bell, Thermal Coated
DMIRRC-1103	Magnesium Right Side 6-Rib Bell
DMIRRC-1103-01	Magnesium Right Side 6-Rib Bell, Thermal Coated
DMIRRC-1117	Bolt Kit, 6-Rib Bell to Tube
DMIRRC-1118	Bolt Kit, 8-Rib Bell to Tube
DMICRC-2000	GN Steel 5x5 Hub Assy. with Bearings and Seals
DMIRRC-2285-24	2-1/2" GN Steel Tube, 24" Long, .188" Wall

[DMIRRC-1102](#)

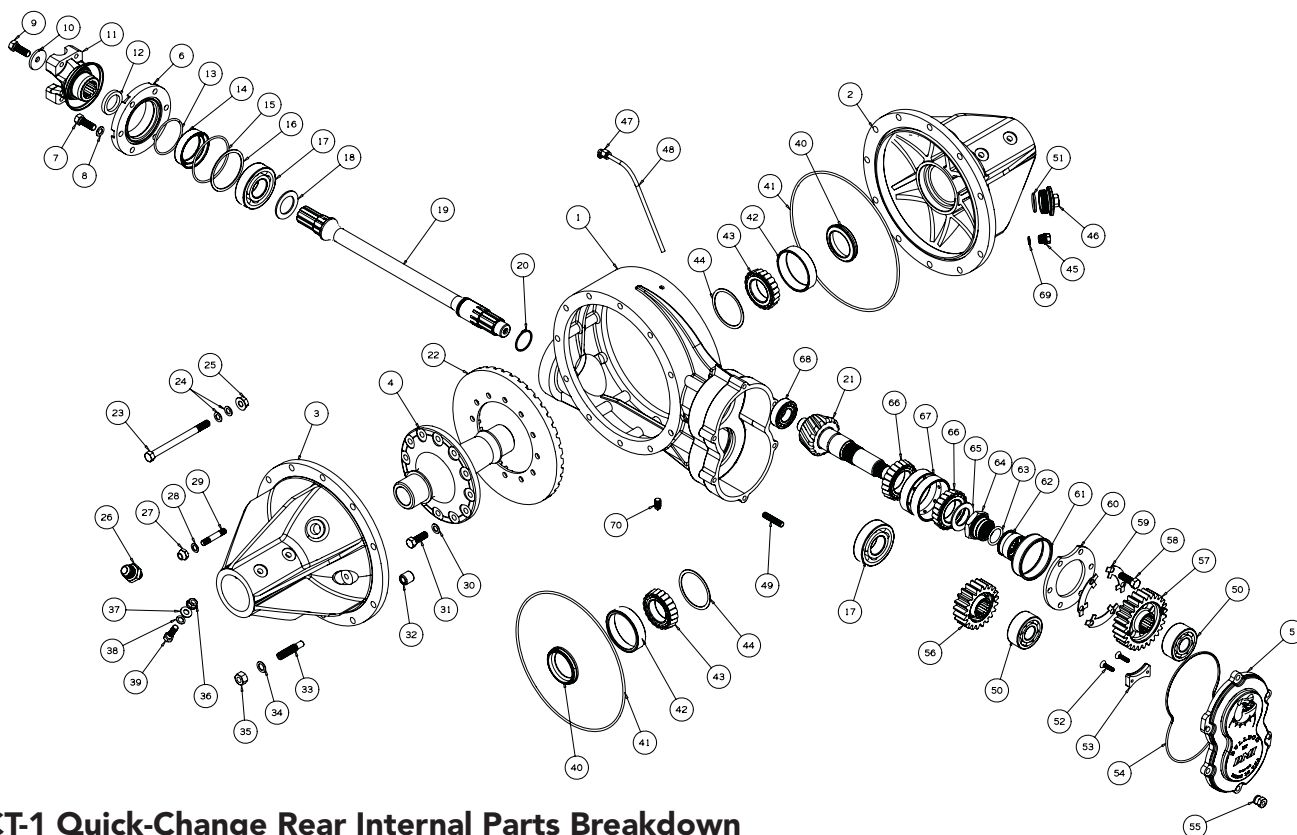


Hollow 31-Spline Axles

Engineered for CT-1 rears, axles utilize a hollow design for maximum weight reduction.

Part No.	Length
DMIRRC-2300-28.5	28.5"
DMIRRC-2300-29.75	29.75"
DMIRRC-2300-30.5	30.5"
DMIRRC-2300-32.5	32.5"
DMIRRC-2300-33.5	33.5"
DMIRRC-2300-34.5	34.5"
DMIRRC-2300-35.5	35.5"
DMIRRC-2300-36.5	36.5"





CT-1 Quick-Change Rear Internal Parts Breakdown

Item	Qty.	Part No.	Description
1	1	DMIRRC-1000*	Magnesium Center Section
2	1	DMIRRC-1103	Magnesium Right Side Bell
2	1	DMIRRC-1103-01	Magnesium Right Side Bell, Black
2	1	DMIRRC-1102	Magnesium Left Side Bell
3	1	DMIRRC-1102-01	Magnesium Left Side Bell, Black
4	1	DMIRRC-1270	Aluminum Spool
5	1	DMIRRC-1386B	Billet Aluminum Rear Cover with Bearings, Black
5	1	DMIRRC-1373	Vault-Lock Rear Cover with Bearings
9	1	DMIRRC-1482	Front Yoke Bolt
10	1	DMIRRC-1481	Front Yoke Washer
11	1	DMIRRC-1479	Front Yoke
12	1	DMIRRC-1485	Aluminum Spacer for Under Front Yoke
13	1	DMIRRC-1003	O-Ring for Seal Plate
14	1	DMIRRC-1002	Front Seal for Seal Plate
15	1	DMIRRC-1004	O-Ring for Seal Plate Flange
16	1	DMIRRC-1007	Spiral Lock for Seal Plate
17	1	DMIRRC-1411	Lower Shaft Bearing
19	1	DMIRRC-1427	Steel Lower Shaft
19	1	DMIRRC-1427HD	Steel Lower Shaft, Heavy-Duty
21	1	DMIRRC-1300	4.12 Ring & Pinion
22	1	DMIRRC-1300	4.12 Ring & Pinion
23	1	DMIRRC-1125	Center/Side Bell Through Bolt
25	16	DMIRRC-1127	Side Bell Flange Nut
27	1	DMIRRC-1127	Side Bell Flange Nut
29	6	DMIRRC-1110	Side Bell Stud
30	6	DMIRRC-1302	Ring Bolt Washer
31	12	DMIRRC-1301	Ring Gear Bolt
32	12	DMIRRC-1135	Ring Gear Back Stop
36	12	DMIRRC-1113	Locknut for Side Bell to Tube
39	12	DMIRRC-1112	Bolt for Side Bell to Tube

Item	Qty.	Part No.	Description
40	2	DMIRRC-1104	Side Bell Axle Seal
41	1	DMIRRC-1105	Side Bell O-Ring
42	2	DMIRRC-1170	Side Bell Race
43	2	DMIRRC-1171	Side Bell Bearing for Aluminum Spool
44	1	DMIRRC-1276	Spool Shim Kit, 3 Ea. of .010", .012", .015", .020"
45	1	DMIRRC-1016	Fill Level Plug
46	1	DMIRRC-1010	Large Inspection Plug
49	6	DMIRRC-1355	Rear Cover Stud
50	2	DMIRRC-1350	Rear Cover Bearing
51	1	DMIRRC-1015	Large Inspection Plug O-Ring
52	2	DMIRRC-1391	Bolts for Gear Cover Bearing Retainer
53	1	DMIRRC-1390	Gear Cover Bearing Retainer
54	1	DMIRRC-1340	Rear Cover Gasket, Steel Insert, PTFE Coated
54	1	DMIRRC-1375A	Vault-Lock Seal for Rear Cover
55	6	DMIRRC-1361	Rear Cover High Nut, Black
55	6	DMIRRC-1361B	Rear Cover High Nut, Blue
55	6	DMIRRC-1361G	Rear Cover High Nut, Gold
59	3	DMIRRC-1330	2-Bolt Locking Tab
62	1	DMIRRC-1366	Posi-Lock Retainer
63	1	DMIRRC-1367	Posi-Lock O-Ring
64	1	DMIRRC-1369	Posi-Lock Nut, RH
—	1	DMIRRC-1306	Posi-Lock and Bearing Kit
65	1	DMIRRC-1368	Pinion Washer
66	2	DMIRRC-1311	Big Pinion Bearing, Timken
67	1	DMIRRC-1312	Big Pinion Bearing Race
68	1	DMIRRC-1310	Small Pinion Bearing
69	1	DMIRRC-1017*	Fill Level Plug O-Ring
70	1	DMIRRC-1031	3/8" NPT Magnetic Drain Plug

* Non-stocking item.



Friction Fighter QC Gear Sets

Simply stated, Friction Fighter 10-Spline Quick-Change Gears are the strongest, lightest, highest quality gears available. 9310 ultra-high-strength steel, stone-ground, cryogenic processed, and REM® finished - the gear mesh area is only 1" wide, eliminating friction.



Part No.	Gear Set	No. of Teeth	4.12 Ring & Pinion (8-33 Teeth)		4.86 Ring & Pinion (7-34 Teeth)	
			Low	High	Low	High
DMIFFQCG-1	1	23/23	4.12	4.12	4.86	4.86
DMIFFQCG-15G	15G	22/21	3.94	4.32	4.64	5.09
DMIFFQCG-6	6	25/23	3.80	4.48	4.47	5.28
DMIFFQCG-12	12	29/26	3.70	4.60	4.36	5.42
DMIFFQCG-7	7	26/23	3.67	4.66	4.33	5.50
DMIFFQCG-7G	7G	24/21	3.61	4.71	4.25	5.55
DMIFFQCG-8G	8G	27/23	3.51	4.84	4.14	5.71
DMIFFQCG-11	11	27/22	3.36	5.06	3.96	5.96
DMIFFQCG-13	13	25/20	3.30	5.16	3.89	6.08
DMIFFQCG-4G	4G	23/18	3.23	5.27	3.81	6.21
DMIFFQCG-4	4	27/21	3.21	5.30	3.78	6.25
DMIFFQCG-22	22	25/19	3.14	5.43	3.69	6.40
DMIFFQCG-16	16	28/21	3.09	5.50	3.65	6.48
DMIFFQCG-10	10	27/20	3.06	5.57	3.60	6.56

Part No.	Gear Set	No. of Teeth	4.12 Ring & Pinion (8-33 Teeth)		4.86 Ring & Pinion (7-34 Teeth)	
			Low	High	Low	High
DMIFFQCG-34	34	26/19	3.02	5.64	3.55	6.65
DMIFFQCG-14	14	25/18	2.97	5.73	3.50	6.75
DMIFFQCG-35	35	24/17	2.90	5.86	3.42	6.91
DMIFFQCG-37	37	28/19	2.80	6.08	3.30	7.16
DMIFFQCG-23	23	27/18	2.75	6.19	3.24	7.29
DMIFFQCG-21	21	26/17	2.70	6.31	3.18	7.43
DMIFFQCG-43	43	28/18	2.65	6.42	3.13	7.56
DMIFFQCG-28G	28G	27/17	2.60	6.55	3.06	7.72
DMIFFQCG-41	41	28/17	2.50	6.79	2.95	8.00
DMIFFQCG-31G	31G	31/18	2.40	7.10	2.82	8.37
DMIFFQCG-50	50	28/16	2.36	7.22	2.78	8.51

Rear Hub Components

Part No.	Description
DMICRC-1001	Bearing, Bert SmartTube Style Hub, Bert I.D.
DMICRC-1002	Viton Seal, Bert SmartTube Style Hub with Steel Ring
DMICRC-1003	O-Ring Style Seal, DMI Style SmartTube Hub
DMICRC-2000	5x5 Hub Assembly, 2-1/2" GN
DMICRC-2004	Hub Seal, GN 5x5 Hub
DMICRC-2005	Locknut, GN 5x5 Hub
DMICRC-2006	Lock Washer, GN 5x5 Hub
DMICRC-2050	5x5 Hub Assembly, 2-7/8" Smart Tube
DMICRC-2057A	Brake Rotor Adapter, SmartTube Hub
DMIRRC-2205	Steel Sleeve, SmartTube Style Tube
DMIRRC-2206	O-Ring for Steel Sleeve, SmartTube Style Tube



GSX Series Pistons

Top-of-line forged pistons include all of the features of the SX series with the addition of larger, deeper CNC valve reliefs, additional CNC milling for weight reduction in non-critical areas and patented "X Groove" skirt for improved cylinder and ring life. Pistons are machined for 1.5mm, 1.5mm, and 3.0mm piston rings, and are sold in sets of eight, complete with high-strength piston pins.



Part No.	Bore	Stroke	Rod Length	Wrist Pin Dia.	Piston Crown	Comp. Height	Comp. Ratio
SB Ford Standard 4.000" Bore							
DSS4300X-4030*	4.030"	3.400"	5.400"	.912"	Flat Top -3cc	1.090"	10.78:1
DSS4500X-4040*	4.040"	4.000"	6.200"	.927"	Flat Top -3cc	1.280"	12.51:1

* Small block Ford compression ratios are based on a 61cc combustion chamber and standard bore.

E Series Pistons

The E Series are forged from lightweight 4032 alloy, yet feature prices that are comparable to cast units. Pistons incorporate forged side reliefs, diamond-turned skirts, forged oil drainbacks, double valve notches, precision honed pin bores, and are machined to accept 5/64", 5/64", and 3/16" rings. Sold in sets of eight, complete with heavy-duty piston pins and double true arc pin locks.



Part No.	Bore	Stroke	Rod Length	Wrist Pin Dia.	Piston Crown	Comp. Height	Comp. Ratio
Small Block Chevy 4.000" Std. Bore							
DSS8700-4000*	4.000"	3.480"	5.700"	.927"	Flat Top -5cc	1.560"	10.37:1
DSS8700-4030*	4.030"	3.480"	5.700"	.927"	Flat Top -5cc	1.560"	10.37:1
DSS8700-4040*	4.040"	3.480"	5.700"	.927"	Flat Top -5cc	1.560"	10.37:1
DSS8705-4030*	4.030"	3.480"	6.000"	.927"	Flat Top -5cc	1.260"	10.37:1
DSS8710-4030*	4.030"	3.750"	5.700"	.927"	Flat Top -5cc	1.425"	11.09:1
DSS8710-4040*	4.040"	3.750"	5.700"	.927"	Flat Top -5cc	1.425"	11.09:1
DSS8710-4060*	4.060"	3.750"	5.700"	.927"	Flat Top -5cc	1.425"	11.09:1
DSS8715-4030*	4.030"	3.750"	6.000"	.927"	Flat Top -5cc	1.125"	11.09:1

* Small block Chevy compression ratios are based on a 64cc combustion chamber and standard bore.

Low-Drag Hub Parts Kits

Innovative, all-in-one low-drag hub kits virtually eliminate wheel bearing drag, providing reduced friction and lower operating temperatures, ultimately delivering more horsepower to the track. Maintenance is also reduced as bearings don't require repacking as often. Each kit includes Premium Finished wheel bearings, an Ultra Low Drag hub seal and special, adjustable wheel bearing spacer that allows precise pre-load setting. Each kit includes components for a single hub and complete instructions. Components are also offered separately.



Part No.	Description
Complete Kits	
DRP007-10500K	Wide 5
DRP007-10505K	2" 5 x 5 Front or Rear, Steel
DRP007-10506K	2" 5 x 5 Front or Rear, Aluminum
DRP007-10518KC	2-1/2" GN 5 x 5 Rear, Includes Economy/Import Bearing Kit
DRP007-10520K	GM Impala Front Spindle
DRP007-10521SK	GM Metric Front, Large Outer Bearing (1979-81)
DRP007-10521SK-2	GM Metric Front, Small Outer Bearing (1982-88)
DRP007-10531K	Mustang II/Pinto Front Spindles
Premium Finished Wheel Bearing and ULD Seal Kit (Includes (1) Inner & (1) Outer Bearing & (1) Seal)	
DRP007-10576	Legends/Corolla Rear Axle
Adjustable Wheel Bearing Spacers (Includes (1) Bearing Spacer)	
DRP007-10503	Wide 5, Aluminum, use with 18690/18790 Bearings
DRP007-10506	2" 5 x 5, Aluminum, Howe/Port City/Joe's/Speedway/Arco, use with 368A Bearings
DRP007-10507	Winters 1-Ton Rear End Snouts, Aluminum
DRP007-10513	2 7/8" GN 5 x 5 Rear Hubs, DMI/Winters
DRP007-10520	GM Impala Front Spindle, Aluminum
DRP007-10529	Legends Front Hubs, Steel, Use with LM67048/LM11949 Bearings
DRP007-10534	1979-93 Mustang (Fox Body) Spindles
Premium Finished Wheel Bearings (Includes (1) Inner & (1) Outer Bearing Only)	
DRP007-10550	Wide 5, Includes 18690/18790 Bearings
DRP007-10555	2" 5 x 5, Includes 368A Bearings
DRP007-10581	GM Metric Front, Lg. Outer Bearing (1979-81), Includes LM67048/LM12649 Bearings
DRP007-10582	2-1/2" GN 5 x 5 Rear, Includes L610549 Bearings
DRP007-10584H	Mustang/Pinto Hybrid, Small Outer, Includes L68149/LM12748F Bearings
Premium Finished Races (Includes (1) Inner & (1) Outer Race Only)	
DRP007-10553	Wide 5, Fits 18690/18790 Bearings
DRP007-10557	2" 5 x 5, Fits 368A Bearings
DRP007-10581R	GM Metric Front, Lg. Outer Bearing (1979-81), Fits LM67048/M12649
DRP007-10583	2-1/2" GN 5 x 5 Rear, Includes L610510 Races
DRP007-10584HR	Mustang/Pinto Hybrid, Small Outer, Includes L68110/LM12710 Races
Ultra Low Drag Hub Seals (Includes (1) Hub Seal)	
DRP007-10559	Wide 5, Aluminum
DRP007-10559AG*	Wide 5, Aluminum
DRP007-10564	2" 5 x 5, Aluminum, Howe/Port City
DRP007-10564AG*	2" 5 x 5, Aluminum, Howe/Port City
DRP007-10568	2-1/2" GN 5 x 5 Rear
DRP007-10572	Mustang II Front
DRP007-10577	GM Metric Front/Legends Rear Axle

*Signifies billet aluminum Air Gap seal.

Complete Low-Drag Hub and Rear Axle Kit with Grease for Legends Cars

DRP007-10576K

A complete kit designed for all four wheels that virtually eliminates wheel bearing drag, reduces friction, and lowers operating temperatures, all of which leads to more horsepower transferred to the race track. Legends front/Corolla rear kit includes premium-finished wheel bearings, Ultra Low Drag hub seals, special adjustable wheel bearing spacers for precise pre-load setting, and a 50 gram syringe of DRP's own Ultra Low Drag wheel bearing grease.



Ultra Low-Drag Wheel Bearing Grease

After extensive research and testing, DRP found that Kluber high-speed roller bearing greases delivered over a 70% increase in free spin vs. the next best grease, and after working with Kluber engineers, DRP is now offering the best grease currently to the short track racing market. Offered in 390g or 100g cartridges, or 50g syringes.

Part No.	Description
DRP007-10750	390g Cartridge
DRP007-10753	100g Cartridge
DRP007-10756	50g Syringe



Tools and Chassis Set-Up Accessories

Hub End Play Gauges

The quickest, most accurate method of setting-up bearing pre-load spacers. Tool may be screwed onto the spindle and reads hub play to as little as .0005". After initial end play is obtained, adjust the spacer to the desired end play and set the spacer lock. Tool may also be used to measure hub run-out. Offered for most popular applications.

Part No.	Description
DRP007-80850	Wide 5 and 2" 5 x 5
DRP007-80857	2-1/2" GN 5 x 5 Rear
DRP007-80865	Mustang II/Pinto (IMCA)



Precision Bearing Packers

Precision bearing packer utilizes a custom bearing seat and an injection needle to fill the bearing with grease only between the rollers, eliminating over-packing, which causes added friction and heat. Bearings that are properly packed will run cooler and have less rolling resistance. Offered for most popular applications. Grease cartridge sold separately.

Part No.	Description
DRP007-80520	Wide 5 Hubs, Includes 18690/18790 Bearing Seats
DRP007-80522	2" 5 x 5, Includes 368A Bearing Seat
DRP007-80536	IMCA Front/Rear Hubs



Custom Seal Drivers

Manufactured from rigid billet aluminum, custom seal drivers ease proper hub seal installation.

Part No.	Description
DRP007-80500	Wide 5 and 2" 5 x 5 Hubs
DRP007-80506	2-1/2" GN 5 x 5 Rear Hubs
DRP007-80510	Mustang II Front





NEW VENDOR!

Performance Products

Tools and Chassis Set-Up Accessories

Dual-Axis Dynamic Caster/ Camber Gauge DMP69500

Advanced digital gauge features a backlit LED display, and reads both caster and camber simultaneously when the chassis or suspension is in motion. Dual-axis sensors measure caster as it changes during suspension travel, while also measuring camber angle. Gauge mounts directly to the spindle thread. Sold complete with rechargeable lithium ion battery and charger.



Required spindle adapter must be purchased separately; most standard (Longacre, Intercomp, etc.) adapters are compatible.

Note: Gauge is not designed to measure static caster, only dynamic caster change.

RS200 Dual Wheel/Single Laser Dynamic Wheel Measurement System



System includes the ability to measure static wheel position relating to toe, camber, left-to-right location, and also measure wheel position change as the chassis moves, involving bump steer, camber/caster change and rear steer. Includes (2) compact billet wheel fixtures, (2) spindle-mount axle alignment fixtures for Wide 5/2" 5 x 5 spindles (DRP97142), (2) clamp-on frame squares, (1) single laser stand with 3" square tube chassis mount, (1) adjustable laser assembly, (2) AAF lock collars, (1) caster/camber gauge adapter, related tools, and complete instructions, all packed in a compact storage case.

Part No.	Description
DRP90205	RS200 Dual Wheel/Single Laser Dynamic Wheel Measurement System
Related Components	
DRP97147	Drive Flange Adapter, Adapts DRP97142 AAF to Wide 5, Dual Pattern Wilwood/Winters
DRP97149	Drive Flange Adapter, Adapts DRP97142 AAF to 5 x 5 Howe/Joe's/Port City/Acro Tech
DRP97153	Drive Flange Adapter, Adapts DRP97142 AAF to Strange Drive Flange

Wheel Set-Up Plates

Engineered to ease alignment setting on Wide 5 or 5 x 5 applications, rigid billet aluminum wheel plate is adjustable by height and has a range of +/- 15° of camber.

Part No.	Description
DRP007-95010	Wide 5 Wheel Set-Up Plate
DRP007-95015	5 x 5 Wheel Set-Up Plate
Related Component	
DRP007-95012	Adapter Plate for DRP007-95010, Wide 5 to 5 x 5



"Scale Topper" Slip Plates

Designed for use on top of your scale pads, set-up platforms, or surface plate, load dissipating red powder-coated slip plates eliminates tire bind for accurate set-ups. Significantly cleaner and more effective than using grease. Set includes (4) .095" thick steel plates and (4) PTFE sheets.



DRP007-90301A

Part No.	Description
DRP007-90301A	"Scale Topper" Slip Plates, Set of Four
DRP007-90306	Replacement PTFE Sheet, 12" x 12" x .031"

Steering Lock Kit for Sweet Power Racks DMP007-90130

It's important that the steering shaft is centered and locked for truly accurate and repeatable chassis set-up. Designed for use on Sweet power racks, simply center the steering and slide the locking collar on the cylinder shaft up against the body. Finish by tightening the locking collar, effectively locking the steering solid. Includes (2) clamp collars for 9/16" I.D. power cylinders.



Bump Stop Adjuster

DRP007-95300

Quick and easy to use, tool allows adjusting bump stops as little as .010" at a time without the need for shims. Each 1/4 turn = .010". A built-in spring detent locks adjuster into place.



Bump Spring Preloader

DRPWR15000

Unit allows preloading bump springs or bumps stops to provide a higher initial rate from a lighter weight spring.



Spindle Jig Assembly for Wide 5 and 2" 5 x 5

DRP007-80200

Used by leading car builders and racing teams to check, repair, and build new spindles. Heavy-duty adjustable fixture has the ability to measure spindle height, drop, pin angle, pin offset, and steering arm location whether the spindles are forged or fabricated. Designed for use with Wide 5 or 2" 5 x 5 spindles, unit weighs just over 60 lbs.



Triple Probe Memory Tire Pyrometer DRPTP17000

Advanced triple probe unit has the ability to take all three tire temperatures at one time. Exceptionally accurate and consistent.





Racing H.E.I. Distributors

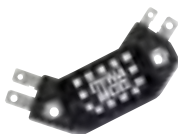
Single-piece ignition delivers consistent, reliable performance up to 9,000 RPM. No other ignition box is needed. Distributor has an internal racing coil and Dyna-Module for maximum spark energy and a customized advance curve. Distributors for GM 602/604 crate motors have special advance curves and melonized distributor gears for use with the steel hydraulic roller camshaft.



Part No.	Description
DUID12720BK	Chevy V-8, Adjustable Slip Collar, Black Cross-Fire Cap
DUIL127212BK	Chevy V-8, Locked-Out Advance, Black Cap
DUIL127212RD	Chevy V-8, Red Cap
DUIS127212	Chevy V-8, "Stealth" Stock Appearing
DUIITK127212BK	Chevy V-8, Instant Timing Knob, Black Cap
DUIL127212602RD	Chevy "602"/"604" V-8 Crate Motor, Red Cap
DUIL127212602BK	Chevy "602"/"604" V-8 Crate Motor, Black Cap
DUI318211RD	SB Ford 289-302, Red Cap
DUI358212RD	SB Ford 351W, Red Cap

GM HEI Distributor Accessories

D.U.I. offers a full selection of high-performance components for popular 1974-up GM HEI distributors.



Part No.	Description
DUI000222	Dyna-Module, Hi-Performance 4-Pin Module for 1974-90 GM without Computer
DUI111111	Battery and Tach Connectors, Includes (1) Terminal and (1) Connector
DUI121000RD	Racing Coil Kit, Capable of 9,000 RPM, Includes Red Cap, Rotor and Coil
DUI333333	Vacuum Advance Eliminator
DUI444444	Nylon Rotor Hold-Down Screws, Helps Prevent Misfire
DUIR419	Race Coil Only
DUICF-12000*	Chevy Cross-Fire Distributor Cap and Rotor, Black, Eases Plug Wire Routing NEW!

* May require replacing some or all spark plug wires due to differing length requirements.

GM LS Sultans of Spark Ignition Coil

Ignition coils have enhanced windings for higher output with up to 7000 more volts per coil. Coil mounts in the OEM bracket and retains factory wiring. Assembled using superior thermal epoxy for improved heat transfer and vibration resistance. Brass terminals improve conductivity and corrosion resistance. Compatible with all GM LS2, LS3, and LS7.



Rev Limiter

DUI380777

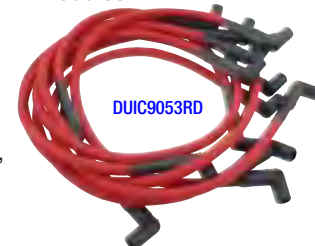
Prevents engine damage from tire slippage or missed shifts. Compatible with D.U.I. or GM HEI distributors, rev limiter drops one cylinder at a time, preventing fuel load-up, backfires, and engine damage. Set RPM limit with plug-in RPM modules. Includes 6000, 7000, and 8000 RPM modules.



"Live Wires"

Spark Plug Wires

Live Wires have a spiral-wound core, durable silicone outer jacket, and space-age, heat-resistant sleeving for optimum spark travel and prevention of electronic interference. Sleeving is effective from -76°F to +1,400°F, maintaining resistance to moisture and chemicals. Offered in red or black, plug wires are custom fit with no assembly required.



Description	Red	Black
SB Chevy, Under Headers, HEI Distributor/90° Plug Boots	DUIC9051RD	DUIC9051BK
SB Chevy, Long, HEI Distributor/90° Plug Boots	DUIC9052RD	—
SB Chevy, Over Valve Covers, HEI Distributor/90° Plug Boots	DUIC9053RD	DUIC9053BK
SB Chevy, Around Front, HEI Distributor/90° Plug Boots	DUIC9054RD	—

Dyna-Batt 12-Volt Battery

DUI5575B

Lightweight, high-performance 12-volt battery delivers more power per pound than any other currently available. Weighing just 13-1/2 lbs., Dyna-Batt has the cranking power of wet cell batteries three times its size and has the ability to spin engines over with compression ratios as high as 15:1. Dry cell design battery will not leak even if the case is damaged. Battery is 7"L x 3"W x 6-1/2"H and has a reserve capacity of 16 amp-hours.



Part No.	Description
DUI5475BK	Heavy-Duty Battery Box, Flat Black
DUI5575C	Bolts to Fit Side Post Terminals

SPICER®

NEW VENDOR!



Transmission Slip Yokes

Premium, direct replacement transmission slip yokes are offered for a variety of applications



Part No.	Trans. Application	Spline	U-Joint Series	Overall Length
DAN2-3-10431X	GM TH-400/Jerico	32	1310	5.500"
DAN2-3-10831X	GM TH-400/Jerico	32	1330	6.760"
DAN2-3-4871X	Ford C-4/AOD/T-5	28	1310	6.000"
DAN2-3-6041X	Ford C-6/T-45/3650	31	1330	6.000"
DAN2-3-6081X	GM Powerglide/TH-350/Borg-Warner/Muncie	27	1310	5.469"

Universal Joints and Related Components

Replacement universal joints are of premium, OEM-quality. Sold with necessary snap rings and grease fitting where specified.



Part No.	Description
DAN5-1310-1X*	1310 Series, 1.062" Caps, 3.219" Wide, OSR
DAN5-1310X	1310 Series, 1.062" Caps, 3.219" Wide, OSR
DAN5-1330-1X*	1330 Series, 1.062" Caps, 3.625" Wide, OSR
DAN5-1330X	1330 Series, 1.062" Caps, 3.625" Wide, OSR
DAN5-134X*	1310 to 1330 Conversion, 1.062" Caps, 3.219"/3.625" Wide, OSR
DAN5-153X*	1310 Series, 1.062" Caps, 3.219" Wide, OSR

U-Joint Strap Kits

DAN2-70-18X	Spicer 1310/1330 Combination, 1.062" Caps, 1/4" Bolts
DAN2-70-28X	Spicer 1350, 1.062" Caps, 5/16" Bolts

Note: *Signifies greasable. "OSR" signifies outside snap rings; "ISR" inside snap rings.



Iron Eagle Cylinder Heads for SB Chevy

Increase the performance of any small block Chevy. Iron Eagle heads are offered with 165cc, 180cc, 200cc, 215cc, 227cc, or 230cc intake runners. High-velocity 180cc heads deliver instant throttle response, while the large-port 230cc heads meet the needs of large-displacement, high-RPM engines. Multi-angle intake seats and hardened, radiused exhaust seats promote exceptional air flow without any additional porting. Bare heads feature bronze valve guides and a performance valve job. CNC-ported versions are also available. Heads are sold individually, bare or completely assembled.

Part No.	Description	Intake Runner	Comb. Chamber	Plug Type	Intake Valve	Exhaust Valve	Valve Spring Dia./Type
DRT10024267	Bare Casting	165cc	76cc	Straight	2.02"	1.60"	N/A
DRT10024360	Bare Casting	165cc	76cc	Straight	1.94"	1.50"	N/A
DRT10110010F	Bare Casting	180cc	49cc	Angle	2.02"	1.60"	N/A
DRT10310010P	Bare Casting	200cc	64cc	Angle	2.02"	1.60"	N/A
DRT10310010PF	Bare Casting	200cc	49cc	Angle	2.02"	1.60"	N/A
DRT10320010P	Bare Casting	200cc	64cc	Straight	2.02"	1.60"	N/A
DRT10321111P	Assembled	200cc	64cc	Straight	2.02"	1.60"	1.250"/Hyd.
DRT10321112P	Assembled	200cc	64cc	Straight	2.02"	1.60"	1.437"/Solid
DRT10510020P	Bare Casting	215cc	64cc	Angle	2.05"	1.60"	N/A
DRT10510020PF	Bare Casting	215cc	49cc	Angle	2.05"	1.60"	N/A
DRT10511112P	Assembled	215cc	64cc	Angle	2.05"	1.60"	1.437"/Solid
DRT105111123P	Assembled	215cc	64cc	Angle	2.05"	1.60"	1.550"/Solid/Roller
DRT10520020P	Bare Casting	215cc	64cc	Straight	2.05"	1.60"	N/A
DRT10521112P	Assembled	215cc	64cc	Straight	2.05"	1.60"	1.437"/Solid
DRT10710040P	Bare Casting	230cc	64cc	Angle	2.08"	1.60"	N/A
DRT10710040PF	Bare Casting	230cc	49cc	Angle	2.08"	1.60"	N/A
DRT10720040P	Bare Casting	230cc	64cc	Straight	2.08"	1.60"	N/A
CNC-Ported							
DRT10970040	Bare Casting	227cc	72cc	Angle	2.08"	1.60"	N/A
DRT10971143	Assembled	227cc	72cc	Angle	2.08"	1.60"	1.550"/Solid/Roller
DRT11980060P	Bare Casting	245cc	66cc	Angle	2.10"	1.60"	N/A



SHP Cylinder Heads for SB Chevy

SHP cylinder heads combine the benefits of an economical price, the weight savings associated with aluminum heads, and full compatibility with most off-the-shelf components. Cast from A356-T6 aluminum, heads feature standard valve angle, standard spacing, straight plug configuration, bronze valve guides, and competition valve jobs. Offered with 180cc or 200cc intake runners, sold individually. Fully assembled or bare castings.

Part No.	Description	Intake Runner	Comb. Chamber	Intake Valve	Exhaust Valve	Valve Spring Dia./Type
DRT127111	Bare Casting	180cc	64cc	2.02"	1.60"	N/A
DRT127121	Assembled	180cc	64cc	2.02"	1.60"	1.250"/Single
DRT127122	Assembled	180cc	64cc	2.02"	1.60"	1.437"/Dual
DRT127221	Assembled	180cc	72cc	2.02"	1.60"	1.250"/Single
DRT127222	Assembled	180cc	72cc	2.02"	1.60"	1.437"/Dual
DRT127311	Bare Casting	200cc	64cc	2.02"	1.60"	N/A
DRT127322	Assembled	200cc	64cc	2.02"	1.60"	1.437"/Dual
DRT127422	Assembled	200cc	72cc	2.02"	1.60"	1.437"/Dual



Pro 1 Cylinder Heads for SB Chevy

Affordable Pro 1 aluminum cylinder heads with advanced airflow technology offer outstanding air flow with no additional port work. Choose from 200cc, 215cc, or 230cc intake runners, or CNC-ported 227cc intake runner cylinder heads. Bare casting has a multi-angle performance valve job and bronze valve guides. Valve train components for bare heads may be added by purchasing the corresponding parts kit. Head is sold individually, bare or completely assembled.

Part No.	Description	Intake Runner	Comb. Chamber	Plug Type	Intake Valve	Exhaust Valve	Valve Spring Dia./Type
DRT11310010P	Bare Casting	200cc	64cc	Angle	2.02"	1.60"	N/A
DRT11320010P	Bare Casting	200cc	64cc	Straight	2.02"	1.60"	N/A
DRT11510020P	Bare Casting	215cc	64cc	Angle	2.05"	1.60"	N/A
DRT11511112P	Assembled	215cc	64cc	Angle	2.05"	1.60"	1.437"/Dual
DRT115111123P	Assembled	215cc	64cc	Angle	2.05"	1.60"	1.550"/Solid/Roller
DRT11710040P	Bare Casting	230cc	64cc	Angle	2.08"	1.60"	N/A
DRT11711143P	Assembled	230cc	64cc	Angle	2.08"	1.60"	1.550"/Solid/Roller
DRT11721143P	Assembled	230cc	64cc	Straight	2.08"	1.60"	1.550"/Solid/Roller
CNC-Ported							
DRT11970040P	Bare Casting	227cc	64cc	Angle	2.08"	1.60"	N/A
DRT11971143P	Assembled	227cc	64cc	Angle	2.08"	1.60"	1.550"/Solid/Roller





Iron Eagle Cylinder Heads for SB Ford

A true bolt-on performance cylinder head for 289, 302, and 351W engines, assembled versions are ready to go, right out of the box. Cast iron heads use larger intake runners and streamlined valve guide bosses offer increased air flow, while the combustion chambers have been redesigned for increased horsepower. Standard valve angle and spacing allows full compatibility with all OEM-style valve train components. Sold individually.

Part No.	Description	Intake Runner	Comb. Chamber	Intake Valve	Exhaust Valve	Valve Spring Dia./Type
DRT13300010	Bare Casting	180cc	58cc	2.02"	1.60"	N/A



Pro 1 Cylinder Head for SB Ford

Pro 1 small block Ford cylinder head has 195cc intake port volume for oval track applications. Head offers exceptional flow and is made from 355-T6 aluminum with 62cc combustion chambers, raised exhaust ports, and intake ports in stock locations. Sold individually. Bare or completely assembled.

Part No.	Description	Intake Runner	Comb. Chamber	Intake Valve	Exhaust Valve	Valve Spring Dia./Type
DRT13200010	Bare Casting	195cc	62cc	2.02"	1.60"	N/A
DRT13211112	Assembled	195cc	62cc	2.02"	1.60"	1.437"/Solid



Small Block Chevy Parts Kits

Dart's Parts Kits include valves, springs, steel retainers, locks, guide plates, studs, and seals. Sold as one kit per cylinder head.

Part No.	Description	Valve and Spring Size	Seat Pressure	Coil Bind
DRT28111000	Parts Kit - (1) Head	2.02"/1.60", 1.250" Single	120 lbs @ 1.700"	1.170"
DRT28112000	Parts Kit - (1) Head	2.02"/1.60", 1.437" Dual	130 lbs @ 1.800"	1.080"
DRT28212000	Parts Kit - (1) Head	2.05"/1.60", 1.437" Dual	130 lbs @ 1.800"	1.080"
DRT28223000	Parts Kit - (1) Head	2.05"/1.60", 1.550" Dual	215 lbs @ 1.900"	1.200"
DRT28423000	Parts Kit - (1) Head	2.08"/1.60", 1.550" Dual	215 lbs @ 1.900"	1.200"



SB Chevy SHP Engine Blocks

All new "SHP" (Special High Performance) cast iron blocks are affordable, durable, and precisely machined. Capable of handling up to 600 horsepower, heavy-duty blocks have 5/8" thick decks, .230" minimum wall



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thickness cylinder walls, stock 9.025" deck height, ductile iron main caps, and full compatibility with most standard OEM components. Offered in 4.000" or 4.125" cylinder bore versions.

Part No.	Description	Deck Height	Cylinder Bore	Main Dia.	Main Caps
DRT31161111	SB Chevy	9.025"	4.000"	2.45"	Ductile Iron
DRT31161111L*	SB Chevy	9.025"	4.000"	2.45"	Ductile Iron
DRT31161211	SB Chevy	9.025"	4.125"	2.45"	Ductile Iron
DRT31162211	SB Chevy	9.025"	4.125"	2.65"	Ductile Iron

* Signifies block with late, 1-pc. rear main seal.

SB Chevy "Little M" 305 Engine Block

[DRT31151411](#)

Premium cast iron block is a direct replacement for the production small block Chevy 305, yet includes several improvements. Block features a Brinell hardness rating of 220, includes full water jacket construction, and blind-tapped head bolt holes.



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Part No.	Deck Height	Cylinder Bore	Main Dia.	Main Caps
DRT31151411	9.025"	3.720"	2.45"	Steel

SB Chevy SHP Pro Engine Blocks

The SHP Pro combines the affordability and benefits of the SHP with the added features of billet main caps, big block cam bore sizing, and large, .904" diameter lifter bores. All new precision-machined cast iron blocks include priority main bearing oiling, siamesed bores, extra-thick decks, and compatibility with most OEM components. Offered in 4.000" and 4.125" bore versions.

Part No.	Description	Deck Height	Cylinder Bore	Main Dia.	Main Caps
DRT31161112	SHP Pro	9.025"	4.000"	2.45"	Billet Steel
DRT31161212	SHP Pro	9.025"	4.125"	2.45"	Billet Steel
DRT31162212	SHP Pro	9.025"	4.125"	2.65"	Billet Steel



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SB Chevy "Little M2" Engine Blocks

Improved with added features, the "Little M2" is the affordable alternative to searching for suitable small block Chevy four-bolt blocks. Iron blocks are an ideal base for a sound, powerful engine and are compatible with standard components. Blocks have billet steel or ductile iron main caps, extra thick cylinder walls, standard cam location, extra-thick decks, enlarged lifter bosses, AN fitting-style oil gallery plugs, standard oil pan width, and 350 or 400 main bearing sizing.



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Part No.	Description	Deck Height	Cylinder Bore	Main Dia.	Main Caps
DRT31181111	"Little M"	9.025"	4.000"	2.45"	Steel
DRT31181111LT*	"Little M"	9.025"	4.000"	2.45"	Steel
DRT31181211	"Little M"	9.025"	4.125"	2.45"	Steel
DRT31182211	"Little M"	9.025"	4.125"	2.65"	Steel
DRT31191111	"Little M Sportsman"	9.025"	4.000"	2.45"	Ductile
DRT31191211	"Little M Sportsman"	9.025"	4.125"	2.45"	Ductile
DRT31192211	"Little M Sportsman"	9.025"	4.125"	2.65"	Ductile

*Signifies lightened block.

LS Next Engine Blocks

The first significant change in the bottom end design of the LS engine, Dart eliminated the conventional "Y-block" design, utilizing conventional 4-bolt main caps and oil pans, which reduces windage, improves lubrication, and provides increased horsepower. Blocks feature full main webbing, priority main oiling, extra-thick siamese cylinder bores, thick decks, and six (7/16") head bolts per cylinder for increased strength. Premium LS Next block features an unskirted design and has a high nickel content, while more affordable LS Next SHP block has a skirted design and is cast from grey iron. Block parts kits may be purchased separately.



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Part No.	Description	Deck Height	Cylinder Bore	Main Dia.	Main Caps
DRT31837111*	LS Next Block	9.240"	4.000"	2.559"	Steel
DRT31837211*	LS Next Block	9.240"	4.125"	2.559"	Steel
DRT31867111†	LS Next SHP Block	9.240"	4.000"	2.559"	Steel
DRT31867211†	LS Next SHP Block	9.240"	4.125"	2.559"	Steel

*Blocks must be used with an external oil filter when used with stock or aftermarket oil pumps. † Blocks include provisions for stock oil filter mounting.

LS Next Pro **NEW!**

A further upgrade of the LS Next, the Pro version is manufactured from superior strength 220 BHN cast iron and includes steel four-bolt main caps with ARP main studs. Block additionally features 6-bolt per cylinder capability, siamese cylinder bores, priority main oiling, full skirt design, factory oil filter provision, and thick decks to ensure a reliable head gasket seal.



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Part No.	Description	Deck Height	Cylinder Bore	Main Dia.	Main Caps
DRT31867212	LS Next Pro	9.240"	4.125"	2.559"	Steel

SB Ford SHP Engine Blocks

Small block Ford "SHP" (Special High Performance) cast iron blocks combine affordability, durability, and precise machining.

Capable of handling up to 600 horsepower, heavy-duty blocks have 5/8" thick decks, .230" minimum wall thickness cylinder walls, stock 302 (8.200") or 351W (9.200") deck height, steel main caps, and full compatibility with most standard OEM components. Offered in 4.000" or 4.125" cylinder bore versions.



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Part No.	Description	Deck Height	Cylinder Bore	Main Dia.	Main Caps
DRT31364175	302 SHP	8.200"	4.000"	2.249"	Steel
DRT31364275	302 SHP	8.200"	4.125"	2.249"	Steel

SB Ford Iron Eagle Engine Blocks

Replacement iron blocks for small block Ford eliminate many of the stock block's inherent weaknesses.

Iron Eagle blocks have steel four-bolt main caps, priority main bearing oiling, and lengthened cylinder barrels to accommodate longer strokes. Available in 8.200", 9.200", or 9.500" deck height with 4.125" cylinder bores, and 302 or 351 Cleveland main bearing sizing.



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Part No.	Description	Deck Height	Cylinder Bore	Main Dia.
DRT31384275	SB Ford Iron Eagle	8.200"	4.125"	2.249"
DRT31385235	SB Ford Iron Eagle	9.500"	4.125"	2.749"

SB Ford Sportsman Engine Block

An economical alternative to a used small block Ford engine block. Sportsman cast iron block with 8.200" (302) and 9.500" (351W) deck heights features siamesed cylinders for larger over-bores, scalloped water jackets for increased coolant flow, up-graded oiling system, and steel main caps. Blocks are CNC-machined to accept all factory components and accessories, and do not include freeze plugs, cam bearings, or dowels.



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Part No.	Description	Deck Height	Cylinder Bore	Main Dia.
DRT31355235	351 Sportsman	9.500"	4.125"	2.749"

Engine Storage Bag DRTBAG-ENGINE

Extra-large, 37-1/2" x 57-1/2" storage bag can cover a complete engine including headers, providing protection from dirt and moisture. Made from heavyweight, 4-mil clear poly plastic.



Block Parts Kits

Includes the same components used in Dart engine blocks. Each kit includes coated cam bearings, freeze plugs, dowel pins, and pipe plugs.



Part No.	Description
DRT32000001	Small Block Chevy "Little M"
DRT32000003	Small Block Ford Iron
DRT32000013	Small Block Chevy "SHP"
DRT32000015	Small Block Ford "SHP" NEW!
DRT32000016	LS Next Parts Kit

Part No.	Description
DRT32000018	LS Next SHP Parts Kit
DRT32000118F	LS Next SHP Windage Tray Fastener Kit for DRT32000120 NEW!
DRT32000120	LS Next Windage Tray, LS1/LS2/LS3/LS6 NEW!
DRT66130018B	LS Next Iron Block Head Stud Kit NEW!



Camshaft Bearings

Standard, performance-coated, and roller cam bearings are for use with Dart engine blocks.

Part No.	Description
DRT32210010	SB Chevy "Iron Eagle", 2.120" O.D., Set
DRT32210012	SB Chevy, Coated, 2.120" +.010"
DRT32210020	SB Chevy "Little M", Set
DRT32210023	SB Chevy, Each
DRT32210041	SB Ford, Each
DRT32210051	SB Ford, Coated, Each NEW!
DRT32210100	SB Chevy, 55mm, Set
DRT32210101-5	SB Chevy, 55mm, Coated, Set NEW!
DRT32210200	BB Chevy, 60mm, Set
DRT32220042	Roller Cam Bearing, 55mm, Each
DRT32510000	SB Chevy/SB Ford Rear Cam Plug, 2.390" O.D., Each



Replacement Components

Part No.	Description
DRT21312050	SB Chevy Intake Valve, 2.055" Dia. x 4.915" O.A.L., 11/32" Stem Dia.
DRT21391600	SB Chevy Exhaust Valve, 1.600" Dia. x 4.940" O.A.L., 11/32" Stem Dia.
DRT32110213	SB Chevy Block Sleeve, 4.125" I.D. x 5.625" Long
DRT32410000	O-Ring for DRT3231000 Screw-In Freeze Plug
DRT32731030H	4-Bolt Interior Main Cap, SB Chevy "Little M", 2.45" Bearing Dia.
DRT62230001	Oil Pan Rail Adapter Kit, LS Next Block with P/S, A/C and Dipstick
DRT63121102	Manganese Bronze Valve Guide, 5/16" Dia. x 2.100" x .502", Intake
DRT63121212	Valve Guide, 11/32" Dia. x 2.000"
DRT63121213	Valve Guide, SB Chevy, 11/32" x 2.250" NEW!
DRTVS2000	Valve Seat, 2.000" x 1.600" x .375" NEW!
DRTVS2010	Valve Seat, 2.010" x 1.600" x .375"



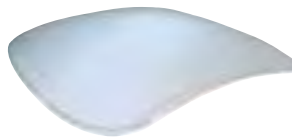
Outlaw Wrap-Around Windshield DRB5000

Made with mar-resistant Lexan.



Late Model Roofs

Late Model roofs are offered in 1000, 2000, and Edge Series designs, and are available in white or black fiberglass.



Description	White Part No.	Black Part No.
1000 Series, 45" Wide x 39" Long	DRB1000F	—
2000 Series, for Wrap Around Windows, 46" Wide x 41" Long	DRB2050F	DRB2050F-06
Edge Series, 45" Wide x 41" Long	DRB2055F	DRB2055F-06

Aero Modified Roof DRB1600F

Fiberglass roof features an advanced aerodynamic design. IMCA-legal roof is 49" long x 47" wide. White only.



Araldite Rapid Epoxy **NEW!**

DRT70000003

Effective in repairing iron or aluminum blocks, cylinder heads, and manifolds, epoxy is used by Dart in their own engine shop. Two-part epoxy cures in minutes.

Note: Product is not compatible with fuel and therefore should not be used on cylinder head intake or manifold ports.



CMD Assembly Lubricant **NEW!**

DRTLUBE

Capable of withstanding high temperatures and pressures of up to 50,000 PSI, product reduces galling, heat, and scoring caused by harmful metal-to-metal contact. Also permits more accurate torque readings and higher clamping loads. Sold in a clear, durable 4-oz. tube.



Phenolic 4150 Carb Spacer

NEW! DRT62100002

Phenolic 4150 carb spacer insulates carburetor from intake manifold, while providing increased plenum volume. Open-style spacer is 1" tall and features a cloverleaf design.



JOHNNY VANDOORIN

Fiberglass Racing Roof DRB1500F-06

Series 1500 Modified roof is 46" wide x 49" long. Black only.



Asphalt Late Model Roof DRB2055FLW

Designed for asphalt late models, roofs are manufactured from ultra-lightweight fiberglass and weigh just 3-1/2 lbs. Offered with or without strengthening ribs.



Clear Rear Window DRB5102

Clear rear window is Alliance/Main Event legal.



Titanium Valves

Light, strong, and reliable, Del West valves are manufactured using military spec. titanium for weight savings of approximately 40% over steel alloys. Radius-style lock grooves reduce valve stem and tip stress, and require radius style valve locks. Sold in sets of eight.



11/32" Titanium Valves

Part No.	Description	Type	Head Dia.	Overall Length
DELEV1600-2T-CRST-8	+.200" Long	Exhaust	1.600"	5.140"
DELEV1625-6T25-CRST-8	+.600" Long	Exhaust	1.625"	5.540"
DELEV1625-6T-CRST-8	+.600" Long/25° Seat	Exhaust	1.625"	5.540"
DELEV1625-7T-CRST-8	+.700" Long	Exhaust	1.625"	5.640"
DELIV2080-1T-CRST-8	+.100" Long	Intake	2.080"	5.040"
DELIV2080-2T-CRST-8	+.200" Long	Intake	2.080"	5.140"
DELIV2100-2T-CRST-8	+.200" Long	Intake	2.100"	5.140"
DELIV2180-6T-CRST-8	+.600" Long	Intake	2.180"	5.540"

Super 7° Titanium "Shoulder" Valve Locks

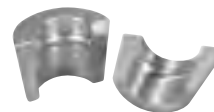
Lightweight locks are machined from high-quality titanium. Sold in sets of 16 pairs.

Part No.	Stem Diameter	Installed Height	Style
DEL790-C-16	11/32"	Standard	Radius
DEL791-C-16	11/32"	+.050"	Radius
DEL792-C-16	5/16"	-.050"	Radius
DEL793-C-16	5/16"	Standard	Radius
DEL794-C-16	5/16"	+.050"	Radius



Super 7° Titanium "Non-Shoulder" Valve Locks

Lightweight, non-shoulder type 7° titanium locks are among the finest and most reliable. 100% CNC-machined locks will save 3-4 grams and assure a superior valve stem fit. Sold in sets of 16 pairs.



Part No.	Stem Diameter	Installed Height	Style
DEL689-C-16	11/32"	-.050"	Radius
DEL690-C-16	11/32"	Standard	Radius
DEL693-C-16	5/16"	Standard	Radius

Super 7° Standard and "LTW" Titanium Retainers

Retainers are CNC-machined from billet titanium, heat-treated for maximum strength, and offered in standard or "LTW" lightweight designs. "LTW" retainers have a compound radius, created by removing material from the inner body, to minimize weight without compromising strength. Sold in sets of 16.



		<i>Dimensions</i>			
Part No.	Valve Spring	A	B	C	D
<i>"LTW" Retainers</i>					
DEL510-LTW-16	Double	1.450"	1.120"	.730"	—
DEL515-LTW-16	Double	1.450"	1.140"	.745"	—
<i>Standard Retainers</i>					
DEL515-16	Double	1.500"	1.140"	.745"	—
DEL530B-16	Double	1.495"	1.155"	.835"	—
DEL550B-16	Double	1.500"	1.180"	.775"	—



CTR

CTR (Circle Track Racing) differentials are engineered exclusively for left turn racing. CTR provides 100% traction to the left rear wheel and differential action to the right rear wheel. Ideally suited for late models, dirt modifieds, or sprints, the CTR allows the driver to stay on the gas longer, enter the turns deeper, and get back on the gas sooner for higher exit speeds.



Part No.	Description	Axle Dia.	Axle Spline	Ratios
DETR18703A	CTR, Ford 9"	1.32"	31	All Exc. 2.72

Eaton Posi

Automatic limited-slip units with carbon friction clutches and forged gears consistently and reliably deliver equal power to both wheels. Units are rebuildable.



Part No.	Description	Axle Dia.	Axle Spline	Ratios
DET19557-010	GM 8.5", 10-Bolt Car, 1971-89	1.20"	28	2.73-Up
DET19559-010	GM 8.5", 10-Bolt Car, 1988-96	1.32"	30	2.73-Up
DET19603-010	GM 8.2", 10-Bolt Car, 1964-72	—	28	3.08-Up
DET19663-010	GM 7.5", 10-Bolt, 1975-89	1.16"	26	3.23-Up



Detroit Truetrac

Truetrac's proven helical gear design eliminates friction plates, cones, and springs for maintenance-free traction. Power transfer is so smooth, it literally goes unnoticed by the driver. Proven design, low cost, and effective performance make the Truetrac limited slip differential the ideal choice for a wide variety of vehicles.



Part No.	Description	Axle Dia.	Axle Spline	Ratios
DET911A319	GM 7.5", 10-Bolt, 1975-89	1.16"	26	3.23-Up
DET911A415	GM 7.5", 10-Bolt, 1975-89	1.16"	26	3.08-Down
DET912A317	GM 7.5"/7.6", 10-Bolt, 1988-05	1.20"	28	3.23-Up
DET912A616	Ford 8", Up to 1978	—	28	3.25-Up
DET912A587	Ford 9", 1957-79	1.20"	28	All
DET913A481	GM 8.5", 10-Bolt, 1988-96	1.32"	30	2.73-5.13
DET913A586	Ford 9", 1957-79	1.32"	31	All Exc. 2.72

Detroit Locker DET187SL17B

The Detroit Locker, engineered for 1976-87 Ford 9" rears with 31-spline axles, maximizes traction by delivering 100% of the available power to both drive wheels. Engineered to keep both wheels in a constant drive mode, differential has the ability to automatically allow wheel speed differentiation when required.



NOTE: Compatible with all ring and pinion ratios except 2.72.



THE LEADER IN PERFORMANCE COOLING

Dyno-Cool Universal Remote Oil Cooler

NEW! DER12732

Universal oil cooler with built-in, 10" dia. curved blade electric fan may be mounted virtually anywhere space permits and is recommended for transmissions or power steering. Cooler measures 13-5/8"W x 10-1/4"H x 3-5/8"D, and features a highly efficient, 8-pass copper tube/aluminum fin cooler and includes -6AN male inlet fittings.



Hi-Flow Racing Coolers **NEW!**

Manufactured from precision TIG-welded aircraft-grade aluminum, Hi-Flow Racing Coolers feature the most efficient tube design currently available, supporting up to 350 PSI with minimal pressure drop. Coolers include 7/8"-14 UNF O-ring ports, utilize built-in low-profile electric fans that are both water and dust-proof, and are engineered to endure the most strenuous racing conditions.



Part No.	Description	Dimensions	Fan(s)
DER65840	11-Row	15"W x 8-1/4"H x 7"D	(2) 5" Dia., Std. Profile
DER65860	18-Row	11-7/8"W x 12-3/8"H x 8-1/2"D	(1) 8" Dia., Low Profile
DER65861	18-Row	11-7/8"W x 12-3/8"H x 8-1/2"D	(1) 8" Dia., Std. Profile

Remote-Mount Fluid Coolers

This powerful combination of ultra-efficient fluid coolers, shrouded and topped with high-output electric fans, provides optimal cooling for vital racing components.

All part numbers listed are cooler assembly with AN fittings only.



Part No.	Style	Inlet Size	Size
DER13700	16-Pass Tube and Fin	-6AN	15-3/4" x 11-1/2" x 5"
DER13740	19-Row Stacked Plate	-6AN	13" x 7-3/8" x 4-7/8"
DER15850	13-Row Plate and Fin	-8AN	12-3/4" x 9-3/8" x 4-5/16"
DER15860	25-Row Stacked Plate	-8AN	13" x 10" x 5-5/8"
DER15865	25-Row Stacked Plate	-10AN	13" x 10" x 5-5/8"

Series 10000 Stacked Plate Oil Coolers

Furnace-brazed, all-aluminum construction stacked oil plate coolers provide high-efficiency cooling for all types of fluids. Built-in turbulators agitate fluid for maximum heat transfer.



Part No.	Description
DER13403*	19 Row Oil Cooler, 13" W. x 7-5/16" H. x 2" D., -10AN ORB x -6AN Male
DER51678	16 Row Oil Cooler, 13" W. x 5-9/16" H. x 2" D., -10AN ORB Ports
DER51010	10 Row Oil Cooler, 13" W. x 4-11/16" H. x 2" D., -10AN Male ORB NEW!
DER53478	34 Row Oil Cooler, 13" W. x 10-7/8" H. x 2" D., -10AN Female x -10AN Male NEW!
DER54010	40 Row Oil Cooler, 13" W. x 13-7/8" H. x 2" D., -10AN Female x -10AN Male NEW!
DER54012	40 Row Oil Cooler, 13" W. x 13-7/8" H. x 2" D., -12AN Male ORB NEW!
DER50020	4-Way Mounting Kit for Stacked Plate Oil Coolers

* Includes installation kit.

Series 7000 Transmission Coolers

Tube-and-fin design oil coolers utilize 1/2" copper tubing expanded into aluminum cooling fins and embossed turbulators for maximum cooling efficiency. Coolers include -6AN male ports. Purchase mounting hardware separately.



Part No.	Description
DER13311	4-Pass Transmission Cooler, 13-1/2" W. x 5-1/8" H. x 3/4" D.
DER13313	6-Pass Transmission Cooler, 17-1/2" W. x 7-5/8" H. x 3/4" D.
DER13315	10-Pass Transmission Cooler, 17-1/2" W. x 12-5/8" H. x 3/4" D. NEW!
DER13316	6-Pass Transmission Cooler, 13-1/2" W. x 7-5/8" H. x 3/4" D. NEW!
DER13317	8-Pass Transmission Cooler, 13-1/2" W. x 10-1/4" H. x 3/4" D. NEW!
DER13318	10-Pass Transmission Cooler, 13-1/2" W. x 12-5/8" H. x 3/4" D.

Series 8000 Plate and Fin Cooler **NEW!**

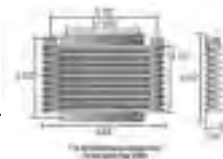
A significant improvement over tube and fin type coolers, the Series 8000 combines durable furnace-brazed construction, 7/8" wide plates and 3/4" embossed turbulators for exceptional cooling. Includes 11/32" barbed inlet fittings. Cooler only.



Part No.	Description
DER33503	18-Row Cooler, 11" W. x 9-1/4" H. x 7/8" D.

Series 9000 Plate and Fin Coolers **NEW!**

Similar in construction, performance and quality to the 8000 series but with 1/2" FPT ports. Sold as cooler only.



Part No.	Description
DER33602	9-Row Cooler, 9-3/4" W. x 6-1/4" H. x 1-1/4" D.
DER33603	13-Row Cooler, 9-3/4" W. x 8-7/16" H. x 1-1/4" D.

Electra-Cool 16 Pass Oil/Transmission Coolers

Free-flowing, 16-pass oil coolers incorporate embossed turbulators inside 1/2" copper tubing and aluminum cooling fins to offer superior cooling effectiveness. Offered with -6AN or -8AN male ports. Purchase mounting hardware separately.



Part No.	Description
DER13300	16 Pass Oil Cooler, 13-1/2" W. x 10-3/8" H. x 3/4" D., -6AN Ports
DER15300	16 Pass Oil Cooler, 13-1/2" W. x 10-3/8" H. x 3/4" D., -8AN Ports

Single-Pass Heat Sink Coolers **NEW!**

Compact and lightweight, aluminum heat sink coolers feature external and internal fins for maximum heat transfer in an effort to reduce fluid temperatures. Sleek, 3" dia. unit has removable brackets that allow the cooler to be clocked for eased installation. Black anodized finished coolers feature 1/2" NPT inlet/outlet with 3/8" hose barb fittings.



Part No.	Description
DER13269	Single-Pass Oil Cooler, Trans./Power Steering, 10-1/4" L x 3" W x 3" D
DER13270	Single Pass Oil Cooler, Trans./Power Steering, 14-1/4" L x 3" W x 3" D.
DER13271	Single Pass Oil Cooler, Trans./Power Steering, 17-1/4" L x 3" W x 3" D.
DER13272	Single Pass Oil Cooler, 20-1/4" L x 2-3/16" W x 1-3/8" D. 20-1/4" L x 2-3/16" W x 1-3/8" D.
DER13277	Single Pass Oil Cooler, 6-1/4" L x 2-3/16" W x 1-3/8" D.
DER13279	Single Pass Oil Cooler, 10-1/4" L x 3" W x 3-1/4" D.
DER13349*	Single Pass Oil Cooler, Trans./Power Steering, 10-1/4" L x 2-3/16" W x 3-1/4" D. NEW!

* Signifies natural finish cooler with 3/8" NPT inlets.

Dual-Pass Heat Sink Coolers **NEW!**

Similar to the above single-pass units but in a dual-pass design for improved efficiency. Aluminum heat sink coolers include external and internal fins for maximum heat transfer. Black anodized coolers feature 3/8" NPT inlet/outlet with barbed fittings.



Part No.	Description
DER13280	Dual-Pass Oil Cooler, Trans./Power Steering, 14-1/4" L x 3" W x 3-1/4" H.
DER13281	Dual-Pass Oil Cooler, Trans./Power Steering, 17-1/4" L x 3" W x 3-1/4" H.
DER13282	Dual-Pass Oil Cooler, Trans./Power Steering, 10-1/4" L x 3" W x 3-1/4" H.
DER13287	Dual-Pass Oil Cooler, Trans./Power Steering, 25-1/4" L x 3" W x 3-1/4" H.

Econo-Cool Tube and Fin Cooler **NEW! DER15831**

Copper tube and aluminum fin, six-pass remote oil cooler includes 1/2" barb inlets and a black powder-coat finish. Cooler is 12-3/4"W x 7-5/8"H x 3/4"D. Mounting hardware not included.





Power Steering Cooler **NEW!**

DER13211

Compact and easy to mount, two-pass cooler utilizes 1/2" copper tubing expanded into aluminum cooling fins to provide exceptional power steering fluid cooling to extend pump and seal life, while improving steering performance. Cooler includes 11/32" barbed inlet ports, mounting kit, 4' of 11/32" hose, required hardware, and measures 12-7/8"L x 2-5/8"W x 1-3/4"D.



Frame Rail Cooler **NEW!** DER13221

Suitable for use as a transmission or power steering cooler, slim two-pass cooler may be frame mounted in limited space applications. Cooler features 1/2" copper tubing expanded into aluminum fins, measures 17-1/2"L x 2-5/8"W x 1-3/4"D, and includes -6AN inlet ports. Includes mounting hardware only.



Remote Cooler Mounting Kit **NEW!**

DER13023

Includes the necessary components to install a remote transmission cooler. Kit includes 180°F in-line thermostat, 10' of 1/2" hose, barbed and compression fittings, and necessary hardware.



Oil Cooler Installation Fittings

Part No.	Description
DER59106	-6AN Male x 5/8"-18 O-Ring Male Adapter, Black Anodized Aluminum NEW!
DER59108	-8AN Male x 5/8"-18 O-Ring Male Adapter, Black Anodized Aluminum NEW!
DER98100	Straight 1/4" NPT Male x 3/8" Barbed Fitting
DER98101	Straight 3/8" NPT Male x 3/8" Barbed Fitting
DER98102	Straight 3/8" NPT Male x 1/2" Barbed Fitting
DER98103	Straight 1/2" NPT Male x 1/2" Barbed Fitting
DER98104	Straight 1/4" NPT Female x 3/8" Barbed Fitting
DER98105	Straight 3/8" NPT Female x 3/8" Barbed Fitting NEW!
DER98106	Straight 1/2" NPT Female x 1/2" Barbed Fitting
DER98202	-8AN Female x 1/2" Barbed Swivel Fitting
DER98203	-10AN Female x 1/2" Barbed Swivel Fitting
DER98204	-6AN Male x 3/8" Barbed Fitting
DER98205	-8AN Male x 1/2" Barbed Fitting
DER98244	1/2" NPT Male x 1/2" Barbed 90° Fitting NEW!
DER98450	3/8" Male NPT x 1/8" Female NPT Adapter NEW!



GM Radiator Adapter Fitting Kit **NEW!**

DER13018

Special GM radiator adapter fittings ease transmission cooler installation, allowing direct connection to OEM oil cooler in vehicle's radiator. Includes (2) 5/8" inverted flare fittings.



Inline Thermostats

In-line fluid thermostats activate an electric fan when the fluid temperature reaches 180°F, with a turn-off temp. of 165°F. Max capacity is 15 amps.



Standard	Temp.	Inlet/Outlet	Premium	Temp.	Inlet/Outlet
Standard Series – Non-Clockable, Barb Fittings Included			Premium Series – Anodized, Allows User to Clock T-Stat		
DER13021	180°F	-6AN x -6AN	DER35020	180°F	-6AN x -6AN
DER15721	180°F	-8AN x -8AN	DER35021	180°F	-8AN x -8AN

Fluid Control Thermostat

DER25791

Fluid control thermostat activates at 180°F to allow quicker warm-ups and helps control oil temperatures when you need it most. Cooler flows up to 20 GPM and maintains constant system pressure. Unit includes 3/8" NPT ports and is sold complete with necessary hardware.



Remote Filter Mounts

Ideal when a remote filter mount is desired, cast aluminum mounts are offered with 3/4"-16 or 13/16"-16 threads to accept most popular oil filters. Choose from Standard series, bright finish units with 1/2" NPT ports, or Premium series, black powder-coat finish mounts with AN ORB (O-ring boss) ports.



Part No.	Description
Standard Filter Mount	
DER25708	1/2" NPT Ports, Ports Up Top, 3/4"-16 Filter Threads
DER50020	1/2" NPT Ports, Ports Up Top, 13/16"-16 Filter Threads
DER51678	1/2" NPT Ports, Single Side Ports, 3/4"-16 Filter Threads
Premium Filter Mount	
DER50020	-10AN/7/8"-14 ORB Ports, Ports Up Top, 3/4"-16 Filter Threads

Engine Spin-On Adapters **NEW!**

Required when installing a remote oil filter mount, Premium series cast aluminum spin-on adapters are affordable, and include -10AN, 7/8"-14 O-ring boss ports and a corrosion-resistant black powder-coated finish (unless specified). AN fittings and hose must be purchased separately.



Part No.	Description
DER15705*	Standard Spin-On Adapter, 13/16"-16 Threads (Chevy)
DER35703	Premium Spin-On Adapter, 3/4"-16 Threads (Ford/Chrysler)
DER35705	Premium Spin-On Adapter, 13/16"-16 Threads (Chevy)

* Signifies Standard adapter with a natural finish.

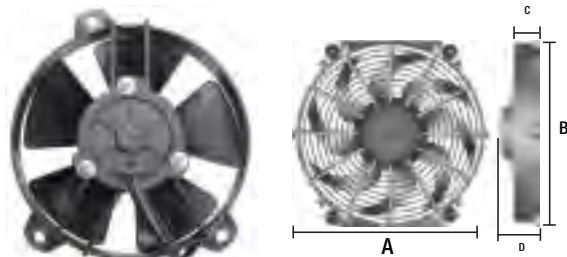
Transmission Temperature Gauge Kit **NEW!**

DER13009

Gauge allows monitoring critical transmission or oil temperatures to help prevent overheating. Black-on-white 2-1/16" dia. gauge has a 140°-300°F temperature range and is sold complete with mounting bracket, 1/8" NPT sensor, and adapter.



Electric Fans



Part No.	Fan Size	CFM	Amp Draw	Dimensions			
				A	B	C	D
DER16105	5"	315	3.6	5-5/8"	6-1/4"	1-1/4"	2-1/4"
DER16108	8"	366	—	8"	8-1/4"	1-1/4"	2"
DER16109	9"	625	—	9-11/16"	9-11/16"	1-1/8"	2"
DER16119	9"	755	—	9-3/8"	9-3/4"	3-1/8"	3-3/4"
DER16618	8"	500	4.8	8-1/4"	8"	1-3/8"	1-3/8"
DER16620	10"	650	5.3	11-1/4"	10-5/8"	1-1/2"	2-1/2"
DER16910	10"	500	6.4	11"	11-1/4"	2-3/8"	1-1/8"
DER16622	12"	880	8.8	12-1/2"	11-1/2"	1-1/2"	2-1/2"
DER16924	12"	2000	24.8	13-1/8"	13-1/8"	2-3/8"	2-5/8"
DER16624	14"	1350	10.5	14-1/2"	14"	1-3/4"	3-1/4"
DER16913*	14"	2100	22	14-1/2"	14-1/2"	2-3/8"	1-5/8"
DER18916	16"	1980	17.3	16-1/2"	15-5/8"	3-5/8"	1-1/8"
DER16626	16"	2175	18.4	16-3/4"	15-3/4"	1-3/4"	4-1/8"
DER16116	16"	2024	21.0	15-11/16"	16-1/4"	1-1/8"	3-7/16"
DER18217	17"	2400	23.5	16-7/8"	16-7/8"	—	2-5/8"
DER16917*	17"	2400	23.5	16-7/8"	16-7/8"	2-3/8"	2-5/8"

* Signifies two-speed electric fan.

25-Amp Circuit Breaker **NEW!** DER16751

Automatic resetting circuit breaker eliminates the need to replace burned-out fuses.



Rigid Aluminum Blade 13" Race Fan **NEW!** DER17513

Standard-rotation 13" dia. race fan is rated to 8,000 RPM, and features a durable steel hub with six aluminum fan blades. Fan has a 2-1/4" depth and 28° blade pitch for maximum, full-time air flow.



Rigid Steel Race Fans

Rigid steel race fans, rated up to 8,000 RPM, offer maximum, full-time air flow. Six-blade fans feature a corrosion-resistant, black powder-coated finish.



Part No.	Description
DER17317	17" Steel Race Fan, 2-5/16" Deep, Std. Rotation
DER17320	20" Steel Race Fan, 2-3/8" Deep, Std. Rotation
DER17417*	17" Steel Race Fan, 2-5/16" Deep, Reverse Rotation
DER17419*	19" Steel Race Fan, 2-1/4" Deep, Reverse Rotation

*Reverse rotation fans are common to most late model, serpentine drive applications.

Electric Fan Controllers



Single Stage
Offered in two turn-on temps, turn-off temp. preset at 15°F below turn-on.



Hi-Amp Controllers
Offered with single or dual relays for high-amp electric fan operation. Includes A/C override.



Adjustable
A single-relay design that switches the ground side of the circuit. Includes A/C override.



PWM Controller
Pulse Width Modulation controls fan(s) speed to maintain desired engine temp. Includes A/C override.

Part No.	Description	Act. Temp.	Probe	Max Capacity
DER16721*	Single Stage	190°F	1/8" & 3/8" NPT	25 Amps
DER16730	Single Stage	180°F	1/8" & 3/8" NPT	15 Amps
DER16731	Single Stage	190°F	1/8" & 3/8" NPT	15 Amps
DER16749	Adjustable	150-240°F	3/8" NPT	25 Amps
DER16779	Hi-Amp Single	150-240°F	3/8" NPT	35 Amps
DER16789	Hi-Amp Dual	150-240°F	3/8" NPT	70 Amps
DER16795	PWM	Variable	Push-in	65 Amps

* Includes addition of relay, wiring harness, and related accessories.

Single Stage Fan Controller **NEW!** DER18735

Universal 180°F on/165°F off electric fan control kit is designed for use with a single electric fan with a maximum draw of 15 amps. Includes push-in and 3/8" NPT thread-in probe, necessary wiring and connectors.



Fan Spacers

Fan spacers are aluminum construction, come with 5/16"-18 / 5/16"-24 bolts, and feature a 5/8" / 3/4" diameter female pilot hole.

Size	Part No.
1"	DER31510
2"	DER31520
2 1/4"	DER31540
2-1/2"	DER34550



BLAKE ROWE

THOMAS STUMPFIG

Chamber Mold Kit

DIA03-2000

Kit aids the custom piston process by allowing the reproduction of an existing combustion chamber, eliminating the need to ship a cylinder head. Easy-to-use kit takes only minutes to complete and includes two-part epoxy, mixing sticks, rubber gloves, spark plug hole plug, and complete instructions.



Mud Covers

Durable plastic mud covers are interchangeable between a beadlock or non-beadlock wheel. Simply keep an extra cover as a spare and use it on either wheel if needed. The covers are made in the USA and fit most popular wheels. Choose from Gen II covers, or selected slotted covers for improved brake cooling. An expander ring, sold separately, is required for cover mounting. Covers are sold each.



Color	Gen II Part No.	Slotted Part No.	Color	Gen II Part No.	Slotted Part No.
Black	DDR10010-2	DDR10160	Orange	DDR10090-2	DDR10230
Dark Blue	DDR10020-2	DDR10170	Pink	DDR10100-2	—
Light Blue	DDR10040-2	DDR10180	Purple	DDR10110-2	DDR10200
Neon Green	DDR10050-2	DDR10260	Red	DDR10120-2	DDR10190
Neon Orange	DDR10060-2	DDR10280	White	DDR10130-2	DDR10240
Neon Pink	DDR10070-2	DDR10250	Yellow	DDR10140-2	DDR10210
Neon Yellow	DDR10080-2	DDR10270	Grey	DDR10150-2	—
Neon Red	DDR10081-2	DDR10281			

Expander Ring Kit DDR20020

The Expander Ring will fit wheels up to 15" in diameter. Ring is powder coated brilliant yellow for a professional appearance, providing better visibility in the event that it winds up on the track. Sold complete with (3) quick fastener buttons, (3) springs, and (3) nylon washers.



Part No.	Description
Replacement Components	
DDR20010	Quick Fastener Button, Each
DDR20030	Spring Kit, 3 Pcs.
DDR20040	Nylon Washer, Each

Hood Scoops

Impact-resistant hood scoops are 3-1/2" tall and combine the benefits of improved aerodynamics and downforce. Made in the USA.

Part No.	Description
DDR10300	Black
DDR10310	Dark Blue
DDR10320	Light Blue
DDR10330	Red
DDR10340	Yellow
DDR10350	Orange
DDR10370	Purple
DDR10380	Grey
DDR10390	White
DDR10400	Neon Yellow
DDR10410	Neon Pink
DDR10420	Neon Green
DDR10430	Neon Orange
DDR10431	Neon Red



Adjustable Fan Shroud

DDR2200FS

Durable, impact-resistant plastic fan shroud can be custom fit to radiators that are 19" tall x 27"-31" wide. Less likely to damage the radiator than an aluminum shroud in the event of a crash. May be trimmed as required for height and mounting. Two-piece, over-lapping design allows easy removal.



Air Cleaner Tops

High-flow 14"-diameter air cleaner tops are offered in the same colors as Dirt Defender's popular hood scoops and wheel covers. Manufactured from impact-resistant plastic.

Part No.	Color
DDR5000	Black
DDR5001	Dark Blue
DDR5003	Light Blue
DDR5004	Neon Green
DDR5005	Neon Orange
DDR5006	Neon Pink
DDR5007	Neon Yellow
DDR5008	Neon Red
DDR5009	Orange
DDR5010	Purple
DDR5011	Red
DDR5012	White
DDR5013	Yellow
DDR5014	Grey



Tear-Off Holder

Put an end to misplaced tear-offs. Lightweight, powder-coated aluminum holder attaches easily to trailer wall or pit cart, keeping tear-offs handy.

Part No.	Description
DDR40003	White
DDR40004	Black



Wheel Cover Rack

Lightweight aluminum rack secures to trailer wall or pit cart and holds up to 10 wheel covers. Choose from white or black powder-coated finished.

Part No.	Color
DDR40001	White Wheel Cover Rack
DDR40002	Black Wheel Cover Rack NEW!



Aluminum Body Washers **NEW!**

Large O.D., precision CNC-machined aluminum body washers help ease and strengthen fender and body panel mounting. Offered in a variety of popular anodized finishes, washers are sold in packs of 20 or 50.

Color	20-Pack Part No.	50-Pack Part No.
Black	DDR3001	DDR3002
Purple	DDR3003	DDR3004
Silver	DDR3005	DDR3006
Blue	DDR3007	DDR3008
Red	DDR3009	DDR3010





D2X Late Model Nose Kit

Approved in many racing series, the D2X Nose Kit features an advanced aerodynamic design for increased downforce. A wider wheel flange offers increased tire clearance, while the flanged nose center allows the fender flares to lay over the nose for added adjustment and a perfect fit. Easy-to-install high-impact plastic kits are complete with left- and right-side nose pieces, and left- and right-side flares. Components may also be purchased separately.



Color	Nose & Flares Part No.	Left Nose Part No.	Right Nose Part No.	Left Flare Part No.	Right Flare Part No.
Black	DOM2200-BK	DOM2201-BK	DOM2202-BK	DOM2203-BK	DOM2204-BK
Blue	DOM2200-BL	DOM2201-BL	DOM2202-BL	DOM2203-BL	DOM2204-BL
Orange	DOM2200-OR	DOM2201-OR	DOM2202-OR	DOM2203-OR	DOM2204-OR
Purple	DOM2200-PU	DOM2201-PU	DOM2202-PU	DOM2203-PU	DOM2204-PU
Pink	DOM2200-PK	—	—	—	—
Red	DOM2200-RD	DOM2201-RD	DOM2202-RD	DOM2203-RD	DOM2204-RD
White	DOM2200-WH	DOM2201-WH	DOM2202-WH	DOM2203-WH	DOM2204-WH
Xtreme Green	DOM2200-XG	DOM2201-XG	DOM2202-XG	DOM2203-XG	DOM2204-XG
Yellow	DOM2200-YE	DOM2201-YE	DOM2202-YE	DOM2203-YE	DOM2204-YE

D2X Aero Valance

Two-piece lower aero valance, designed for use with the D2X late model nose kit, enhances air flow up and over the car.

Part No.	Color
DOM2206-BK	Black
DOM2206-BL	Blue
DOM2206-OR	Orange
DOM2206-PU	Purple
DOM2206-PK	Pink
DOM2206-WH	White
DOM2206-XG	Xtreme Green
DOM2206-YE	Yellow



D2X Lower Nose Support DOM2205

Lower nose support aids in mounting the nose to the bumper and improves the nose ridge across the front of the aero valance. Two-piece kit is offered in black only.



D2X Front Bumper NEW! DOM2208



Two-piece style front bumper uses Rocket chassis style mounting to fit Late Models fitted with D2X noses. Steel bumper is 33-1/2" center-to-center.

Dirt Late Model Sail Panels NEW!

Engineered for Dirt Late Models, sail panels are manufactured from lightweight aluminum. Sold in pairs.

Description	Black	White
Open Sail Panels	DOM805-AL-BK	DOM805-AL-WH



Nite-Glo Decal Kits

Decal kits are manufactured using premium 3M reflective tape.

Part No.	Description
DOM210	Corvette
DOM211	Impala SS
DOM212	Monte Carlo
DOM214	Camaro
DOM216	Cadillac STS
DOM219	Charger
DOM308	Chevy SS



Dirt Rocker Panel

Ideal for late models, modifieds, or street stocks, dirt rocker panels add a finishing touch to the lower body. Three-piece, high-impact plastic kit is 86" long x 7" wide. One section is cut in half for use on the rear quarter panels.

Part No.	Color	Part No.	Color
DOM1100-BK	Black	DOM1100-WH	White
DOM1100-BL	Blue	DOM1100-XG	Xtreme Green
DOM1100-OR	Orange	DOM1100-YE	Yellow
DOM1100-PU	Purple	DOM1100-PK	Pink
DOM1100-RD	Red	DOM1100-FLOOR	Fluorescent Orange NEW!
		DOM1100-FLOYE	Fluorescent Yellow NEW!

Dirt Pillar Posts

Lightweight aluminum windshield pillar posts are equally suited to Dirt Late Models, Sportsman, and Street Stocks. Left side is 33" long; right side is 36" long. Sold per pair.



Black	White
DOM810-AL-BK	DOM810-AL-WH

SS Nose and Tail

Perfect for Street Stocks, noses and tails

are manufactured from impact-resistant plastic. Fits GM metric chassis including 1978-88 Monte Carlo, Grand Prix, Cutlass, Regal, etc. Graphic kits may be purchased separately. IMCA legal. Left and right side nose and tail pieces may also be purchased separately.

Color	Nose Part No.	Tail Part No.
Black	DOM300-BK	DOM301-BK
White	DOM300-WH	DOM301-WH
Red	DOM300-RD	DOM301-RD
Blue	DOM300-BL	DOM301-BL
Yellow	DOM300-YE	DOM301-YE
Orange	DOM300-OR	DOM301-OR
Xtreme Green	DOM300-XG	DOM301-XG
Fluorescent Orange	DOM300-FOR	DOM301-FOR
Pink	DOM300-PK	DOM301-PK
Purple	DOM300-PU	DOM301-PU

SS Graphics Kits and Nose Screen

Graphics Kit	DOM308	DOM309
Nose Screen	DOM310	—

SS Street Stock Rear Bumper DOM316

Welded, two-piece steel rear bumper is 67" x 13" x 11". Fits all GM 1978-88 metric chassis.





2019 Camaro SS Nose and Fender Kit

Perfect for Street Stocks, noses and tails are manufactured from impact-resistant plastic. Fits GM metric chassis including 1978-88 Monte Carlo, Gran Prix, Cutlass, Regal, etc. Graphic kit may be purchased separately.



Color	Nose Part No.	Fender Kit Part No.
Black	DOM330-BK	DOM333-BK
White	DOM330-WH	DOM333-WH
Red	DOM330-RD	DOM333-RD
Blue	DOM330-BL	DOM333-BL
Yellow	DOM330-YE	DOM333-YE
Orange	DOM330-OR	DOM333-OR
Xtreme Green	DOM330-XG	—
Fluorescent Orange	DOM330-FL00R	—
Pink	DOM330-PK	—
Purple	DOM330-PU	—
SS Nose and Tail Graphics Kits		
Graphics Kit	DOM336	DOM337

2019 Camaro SS Street Stock Front Bumper DOM317

Tubular steel, two-piece front bumper is designed for use in conjunction with the 2019 Camaro SS Street Stock nose.



"SS Stalker" Street Stock Hood Scoop NEW!

Add-on hood scoop is designed for Street Stock classes requiring a closed scoop. Scoop is 20"W x 31"L x 2.5"H.

Part No.	Color
DOM517-BK	Black
DOM517-BL	Blue
DOM517-WH	White



Adjustable IMCA-Legal Modified Valance Kits

Three-piece kit delivers a finishing touch to Modifieds. Easy to install and made from durable, high-impact plastic, valance kit is 45" wide x 6" deep with 30" long sides.

Part No.	Color
DOM409-BK	Black
DOM409-BL	Blue
DOM409-FOR	Fluorescent Orange
DOM409-OR	Orange
DOM409-PK	Pink
DOM409-PU	Purple
DOM409-RD	Red
DOM409-WH	White
DOM409-XG	Xtreme Green
DOM409-YE	Yellow



Modified Valance Kit

Three-piece kit helps add a finishing touch to dirt modifieds. Durable high-impact plastic kit includes a 45" wide x 6" deep nose and 30" long left and right sides.

Part No.	Color
DOM408-BK	Black
DOM408-BL	Blue
DOM408-OR	Orange
DOM408-PU	Purple
DOM408-RD	Red
DOM408-WH	White
DOM408-XG	Xtreme Green
DOM408-YE	Yellow
DOM408-FL00R	Fluorescent Orange
DOM408-FLOYE	Fluorescent Yellow NEW!



Body Bolt Kits

Designed exclusively for assembling race car body panels, each kit includes (10) durable injection-molded plastic washers, (10) 1/4" bolts, (10) 1/4" washers, and (10) 1/4" nylon nuts. Choose from a variety of colors.

Part No.	Color
DOM1200-BK	Black
DOM1200-BL	Blue
DOM1200-OR	Orange
DOM1200-PK	Pink
DOM1200-PU	Purple
DOM1200-RD	Red
DOM1200-WH	White
DOM1200-XG	Xtreme Green



Hood Pin Scuff Plates

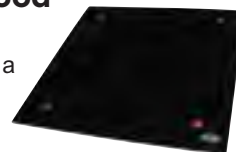
Heavy-duty, injection-molded plastic scuff plates feature a 1/2" hole and four recessed rivet holes to ease and prevent the oblong holes and gouging that is common to aluminum plates. The raised center eases hood pin clip removal. Sold in packs of four.

Part No.	Color
DOM1202-BK	Black
DOM1202-BL	Blue
DOM1202-OR	Orange
DOM1202-PU	Purple
DOM1202-RD	Red
DOM1202-SIL	Silver
DOM1202-WH	White
DOM1202-XG	Xtreme Green



Ultimate Dirt Late Model Hood DOM755

Lightweight durable hood is made from a composite blend that can often take a hit with no damage at all. Pre-cut hood is 50" x 50".



Ultimate Dirt Roof

One-piece roof is constructed from high-impact plastic and is designed to fit Late Models, Modifieds, or Street Stocks. May be used with Dominator sail panels and pillar posts.

Part No.	Color
DOM780-BK	Black
DOM780-WH	White NEW!



Curved Roof Cap DOM705-CF



Designed to protect the edge of roof from rocks and debris, Curved Roof Cap is manufactured from durable, carbon fiber plastic material. 50" long.

Ultimate Roof Cap DOM781

Designed for use with the Ultimate Dirt Roof, ultra-narrow roof cap protects roof edge from rocks and debris. 50" long.





Radiator Shrouds

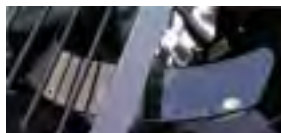
Durable plastic radiator shrouds are suited to Dirt Late Models, Modifieds, or Street Stocks, and are designed to maximize cooling efficiency. Offered in three sizes.

Part No.	Description
DOM540	23.5" W. 21" H. x 3" D.
DOM545	22" W. x 19" H. x 3" D.
DOM555	27"-31" W. x 19" H. x 8" D. NEW!



Rock Guard Tinted Windshield **NEW!** DOM906

Ideally suited to Dirt Late Models or Modifieds, specially tinted windshield protects the driver's hands from rocks and debris.



Dash Panels **NEW!**

Durable high-impact plastic dash panels are designed to secure tachometer, gauges, lap timer, etc. Offered in white, black, or blue.



Description	Black Part No.	White Part No.	Blue Part No.
12" Deep x 29" Wide, (4) Gauge Pods, (2) Raised Panels	DOM910-BK	DOM910-WH	DOM910-BL
8" Deep x 29" Wide, (2) Gauge Pods, (2) Raised Panels	DOM911-BK	—	—

Formed Rock Guards

Formed rock guard will fit virtually any chassis builder's deck and requires very little trimming. Offered in two sizes, 3" or 4-1/2" high x 24" wide x 18" deep. Offered in white, black, or blue.



Description	Black Part No.	White Part No.	Blue Part No.
3" Tall Formed Rock Guard	DOM900-BK	DOM900-WH	—
4-1/2" Tall Formed Rock Guard	DOM901-BK	DOM901-WH	DOM901-BL

Rear Spoiler **DOM915-OR NEW!**

Manufactured from .080" aluminum, spoiler is 72" wide x 8" tall and features a break-away style. Offered in orange powder-coat finish only.



Formed Rock Guard Extension **NEW! DOM907**

High-impact plastic, tinted 3" extension may be attached to DOM900 or DOM901 formed rock guards for added driver protection.



Dominator Hood Scoops

Custom molded from special high-impact plastic, hood scoops are offered in three versions.

Part No.	Description
DOM506-WH	2.5" Tall Hood Scoop, White
DOM507-WH	3.5" Tall Hood Scoop, White
DOM508-WH	3.5" Open Nose Hood Scoop, White



"Stalker" Hood Scoop DOM503-CF

Carbon fiber-look hood scoop is 3-1/2" tall and protects the air cleaner from dirt and rocks when it protrudes through the hood.



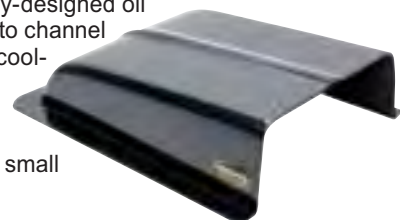
Cold Air Box **DOM570**

Cold air box helps introduce cool, dense air from outside of the car, while sealing off hot air from underneath the hood for added horsepower. Durable, plastic-housed unit utilizes the existing aluminum air cleaner base plate, while the trim-to-fit design allows mating it to the bottom of the hood with the included silicone seal.



Oil Cooler Scoop **DOM560-CF**

Smooth, aerodynamically-designed oil cooler scoop is designed to channel air to a deck-mounted oil cooler and may be mounted forward or backward. Carbon-fiber look scoop is 7" x 11" and includes a small flange to ease mounting.



Coil-Over Springs

Draco coil-over springs are engineered to offer the fewest coils and largest coil gap currently available, reducing weight while providing maximum travel with a linear rate. All springs are preset to prevent sag.



1.875" I.D. x 10" Tall Coil-Over Springs

Rate	8" Tall	10" Tall
100	—	DRSDRA.L10.1.875.100
115	—	DRSDRA.L10.1.875.115
120	—	DRSDRA.L10.1.875.120
130	—	DRSDRA.L10.1.875.130
140	—	DRSDRA.L10.1.875.140
150	—	DRSDRA.L10.1.875.150
160	—	DRSDRA.L10.1.875.160
175	—	DRSDRA.L10.1.875.175
180	DRSDRA.L8.1.875.180	DRSDRA.L10.1.875.180
185	—	DRSDRA.L10.1.875.185
190	DRSDRA.L8.1.875.190	DRSDRA.L10.1.875.190

Rate	8" Tall	10" Tall
200	DRSDRA.L8.1.875.200	DRSDRA.L10.1.875.200
210	DRSDRA.L8.1.875.210	DRSDRA.L10.1.875.210
215	—	DRSDRA.L10.1.875.215
225	DRSDRA.L8.1.875.225	DRSDRA.L10.1.875.225
240	—	DRSDRA.L10.1.875.240
250	DRSDRA.L8.1.875.250	DRSDRA.L10.1.875.250
260	—	DRSDRA.L10.1.875.260
275	DRSDRA.L8.1.875.275	DRSDRA.L10.1.875.275
280	—	DRSDRA.L10.1.875.280
300	DRSDRA.L8.1.875.300	DRSDRA.L10.1.875.300



Coil-Over Springs (Cont.)

2.50" I.D. Coil-Over Springs

Rate	8" Tall	10" Tall	12" Tall	14" Tall
150	—	—	DRSDRA.C12.2.5.150	DRSDRA.C14.2.5.150
160	—	—	DRSDRA.C12.2.5.160	—
175	—	—	DRSDRA.C12.2.5.175	DRSDRA.C14.2.5.175
185	—	—	DRSDRA.C12.2.5.185	—
200	—	DRSDRA.C10.2.5.200	DRSDRA.C12.2.5.200	DRSDRA.C14.2.5.200
225	—	DRSDRA.C10.2.5.225	DRSDRA.C12.2.5.225	DRSDRA.C14.2.5.225
250	—	DRSDRA.C10.2.5.250	DRSDRA.C12.2.5.250	—
275	—	—	DRSDRA.C12.2.5.275	—
300	—	—	DRSDRA.C12.2.5.300	—
325	—	—	DRSDRA.C12.2.5.325	—
350	—	—	DRSDRA.C12.2.5.350	—
400	DRSDRA.C8.2.5.400	—	DRSDRA.C12.2.5.400	—
450	DRSDRA.C8.2.5.450	—	—	—
500	DRSDRA.C8.2.5.500	—	—	—
525	DRSDRA.C8.2.5.525	—	—	—
550	DRSDRA.C8.2.5.550	—	—	—



3.00" I.D. Coil-Over Springs

Rate	8" Tall	10" Tall	12" Tall	14" Tall	16" Tall
100	—	—	DRSDRA.C12.3.0.100	—	DRSDRA.C16.3.0.100
125	—	DRSDRA.C10.3.0.125	DRSDRA.C12.3.0.125	DRSDRA.C14.3.0.125	DRSDRA.C16.3.0.125
140	—	—	DRSDRA.C12.3.0.140	DRSDRA.C14.3.0.140	DRSDRA.C16.3.0.140
150	—	DRSDRA.C10.3.0.150	DRSDRA.C12.3.0.150	DRSDRA.C14.3.0.150	DRSDRA.C16.3.0.150
160	—	—	DRSDRA.C12.3.0.160	—	DRSDRA.C16.3.0.160
175	—	DRSDRA.C10.3.0.175	DRSDRA.C12.3.0.175	DRSDRA.C14.3.0.175	DRSDRA.C16.3.0.175
185	—	DRSDRA.C10.3.0.185	—	—	—
200	—	DRSDRA.C10.3.0.200	DRSDRA.C12.3.0.200	DRSDRA.C14.3.0.200	DRSDRA.C16.3.0.200
225	—	DRSDRA.C10.3.0.225	—	DRSDRA.C14.3.0.225	DRSDRA.C16.3.0.225
250	DRSDRA.C8.3.0.250	DRSDRA.C10.3.0.250	DRSDRA.C12.3.0.250	DRSDRA.C14.3.0.250	—
275	—	DRSDRA.C10.3.0.275	DRSDRA.C12.3.0.275	—	—
300	—	DRSDRA.C10.3.0.300	DRSDRA.C12.3.0.300	—	—
325	—	DRSDRA.C10.3.0.325	—	—	—
350	—	DRSDRA.C10.3.0.350	DRSDRA.C12.3.0.350	—	—
400	—	—	DRSDRA.C12.3.0.400	—	—
450	DRSDRA.C8.3.0.450	—	DRSDRA.C12.3.0.450	—	—
500	DRSDRA.C8.3.0.500	—	—	—	—
525	DRSDRA.C8.3.0.525	—	—	—	—



Coil-Over Spring Adapters

Part No.	Description
DRSDRA.ADP.2.5.3.0	2.5" I.D. to 3.0" I.D. Coil-Over Spring Adapter
DRSDRA.ADP.2.5.3.5	2.5" I.D. to 3.5" I.D. Coil-Over Spring Adapter NEW!



Conventional Coil Springs

Conventional coil springs are engineered and manufactured to deliver the fewest coils, lightest weight, and largest coil gap in the industry. Designed to offer maximum travel and linear rate, springs are additionally preset to prevent sag.

Rate	Front Springs 5.50" I.D. x 9.50" Tall	Front Springs 5.50" I.D. x 10.50" Tall	Rear Springs 5.00" I.D. x 11.00" Tall	Rear Springs 5.00" I.D. x 16.00" Tall
100	—	—	—	DRSDRA.SR16.100
125	—	—	DRSDRA.SR16.125	DRSDRA.SR16.125
150	—	—	—	DRSDRA.SR16.150
175	—	—	—	DRSDRA.SR16.175
200	—	—	—	—
300	—	DRSDRA.LM10.5.300	—	—
325	—	DRSDRA.LM10.5.325	—	—
350	DRSDRA.LM9.5.350	DRSDRA.LM10.5.350	—	—
375	DRSDRA.LM9.5.375	DRSDRA.LM10.5.375	—	—
400	DRSDRA.LM9.5.400	DRSDRA.LM10.5.400	—	—
425	DRSDRA.LM9.5.425	DRSDRA.LM10.5.425	—	—
450	DRSDRA.LM9.5.450	DRSDRA.LM10.5.450	—	—
500	DRSDRA.LM9.5.500	—	—	—
525	DRSDRA.LM9.5.525	—	—	—
550	DRSDRA.LM9.5.550	—	—	—



Accu-Power Pod Brake Controller **NEW!** REE80500

Extremely compact and economical-priced, the Accu-Power Pod brake controller may be mounted in any direction, utilizing up-front, easy-access adjustment controls. Suitable for trailers with one or two axles, unit has a power-on LED for positive tow vehicle-to-trailer connection.



Brakeman IV Digital Brake Controller **NEW!** REE83504

Suitable for one- to four-axle trailers, Brakeman IV combines a small, compact design with a digital output indicator, up-front push buttons for sync and output, and diagnostics for overload and open ground. Plug-and-play unit may be mounted in any direction.



Prodigy P3 Trailer Brake Controller REE90195

Automatically activates and adjusts trailer braking proportionally based on the tow vehicle's braking. Detects deceleration even if the controller is not mounted flat. Designed with five storable settings that allows the controller to be customized for multiple trailers, varying loads, or different drivers, and three boost levels to control braking power and aggressiveness. Manufactured with battery protection, continuous diagnostics, and LCD display. Works with up to four axles.



Prodigy P2 Trailer Brake Controller REE90885

Automatically activates and adjusts trailer braking proportionally based on the tow vehicle's braking. Initial braking power and aggressiveness can be adjusted to three different levels. Internal sensors detect deceleration even if the controller is not mounted flat. Manufactured with built-in, rotary-style manual override lever and blue digital LED display.



I-Stop IQ Brake Control REE20191

Totally proportional electric brake control, I-Stop IQ helps provide smooth, consistent trailer braking, while the "boost" feature provides the ability to apply more initial braking when pulling heavier loads. Digital, LED readout displays connection, current voltage, and diagnostic features.



Receiver Hitch Accessories

REE63223



Part No.	Description
REE58102	Reducer Sleeve, Reduces 2-1/2" Titan Opening to 2"
REE63223	Hitch Lock, Class III Bent Pin Dead Bolt Lock, Includes (2) Keys
REE63240	Pull Pin and Cotter Pin Set, 5/8" Dia. Class III/IV Groove Style
REE118021	Plastic Trailer End 7-Way Adapter
REE2010-B125	Bolt-On/Weld-On Breakaway Switch, Includes 48" Cable NEW!
REE50-85-002	Replacement 48" Breakaway Cable and Pin NEW!
REE2010-B125	Bolt-On/Weld-On Breakaway Switch, Includes 48" Cable Tekonsha NEW!
REE50-85-002	Replacement 48" Breakaway Cable and Pin Bargman NEW!
REE118496	T-One Connector Assembly with Upgraded Converter, 4-Flat Plug and Cap NEW!
REE54000-026	4-Flat Trailer End Connector, 11" Long, Coiled NEW!
REE54006-009	7-Way Connector Harness, Trailer End with 6' Cable, HD Blue Silicon Insulated

Hitch Balls

Solid-steel, chrome-plated hitch balls. Offered in two sizes.

Part No.	Ball Diameter	Shank Diameter	Length	Capacity
REE63908	2-5/16"	1"	2-1/8"	7,500 lbs.
REE63909	2"	1"	2-1/8"	7,500 lbs.



Pro Series Jacks **NEW!**

Pro Series jacks provide a safe, reliable method of raising trailers.

Part No.	Description
REE1400600303	Pro Series A-Frame Topwind Jack, Round Tube, Weld/Bolt-On, 5,000 lbs.
REE1400850383	Pro Series Sidewind Jack, Square Tube, 15" Travel, 8,000 lbs.
REE1400980376	Pro Series Sidewind Jack, Weld-On, Square Tube, 12-1/2" Travel, 12,000 lbs.
REE1401460303	Pro Series Topwind Jack, Round Tube, Weld-On, 5,000 lbs.



Bulldog A-Frame Jacks **NEW!**

Bulldog A-frame jacks have 15" of travel and a 5,000-lb. capacity. Bolt-on.

Part No.	Description
REE1700100317	Bulldog A-Frame Sidewind Jack, Round Tube, Bolt-On, 15" Travel, 5,000 lbs.
REE195318	Bulldog A-Frame Topwind Jack, Square Tube, Bolt-On, 15" Travel, 5,000 lbs.

Side Marker/Clearance Lights **NEW!**

Ideal when replacing an existing or adding side marker lights for added safety.

Part No.	Description
REE30-59-001	Side Marker/Clearance Light, Red 59 Series, 4" x 2", Red Lens/White Base
REE34-17-809	Clearance Light, Amber 178 Series, 3-7/8" x 1-7/8" x 3/4", Amber/White Base



Recessed Double Vertical Red, Backup Light **NEW!** REE30-84-508

All-in-one, 84 series brake, turn signal, and back-up light is 9-13/16" x 6-15/16" x 1-1/4" and has a black base.



GP-1 Synthetic Blend High Performance Oil **NEW!**

Engineered for competition or street performance applications, GP-1 is blended with genuine Pennsylvania Grade base oil, which allows it to achieve a higher Pressure-Viscosity Coefficient for superior film thickness, while also incorporating Driven's high-zinc (ZDDP) additive technology. Available in viscosities of 5W-20, 10W-30, 15W-40, and 20W-50. Sold in one-quart bottles.

Part No.	Description
JGP19206	5W-20
JGP19306	10W-30
JGP19406	15W-40
JGP19506	15W-50



XP3 Synthetic Racing Oil JGP00306

Similar to XP1 with a higher viscosity typical of SAE 10W-30, for improved high-temperature/high-shear protection. Formulated for aluminum blocks and all engines with bearing clearances greater than .0025". Not API certified. Sold in a 1-quart bottle.



GP-1 30 Grade Break-In Oil **NEW!** JGP19336

Specialty motor oil combines Pennsylvania Grade base oil with Driven's high-zinc (ZDDP), low-detergent package for superior break-in protection. Formula helps protect flat tappet, overhead, and roller cam engines during the break-in process, while additionally aiding piston ring seating. Viscosity typical of SAE 30W. Sold in one-quart bottle.



XP4 Performance Racing Oil JGP00506

Petroleum-based lubricant is a low-cost alternative to synthetic race oils. Viscosity is typical of SAE 15W-50 and is ideal for racers who change oil after every race. Works well in engines with clearances in excess of .0025". Not API certified. Sold in a 1-quart bottle.



XPO Synthetic Racing Oil JGP00406

Ultra-low-viscosity racing oil is formulated for qualifying, where maximum performance is required. Oil has a viscosity typical of SAE 0W. Not API certified. Sold in a 1-quart bottle.



XP5 Semi-Synthetic Racing Oil JGP00906

A semi-synthetic lubricant offers the added benefits of high-temperature shear protection and oxidation stability without the high cost of a synthetic. Viscosity is typical of SAE 20W-50. Not API certified. Sold in a 1-quart bottle.



XP1 Synthetic Racing Oil JGP00006

XP1 Synthetic Racing Oil has a viscosity typical of SAE 5W-20. Ideal for engines where bearing clearances are less than .0025". Not API certified. Sold in a 1-quart bottle.



XP6 Synthetic Racing Oil JGP01006

A full-synthetic, 15W-50 version of race-proven XP4. Oil provides outstanding cold start protection and superior bearing oil film thickness. Designed for aluminum blocks or applications with looser clearances, oil has a viscosity typical of SAE 15W-50. Not API certified. Sold in a 1-quart bottle.



XP2 Synthetic Racing Oil JGP00206

Joe Gibbs Racing XP2 Racing Oil is engineered for high RPM racing engines with bearing clearances under .002", oil has a viscosity typical of SAE 0W-20. Not API certified. Sold in a 1-quart bottle.



XP7 Semi-Synthetic Racing Oil JGP01706

Combines the performance of XP3 with the economical price of XP5. Viscosity is typical of SAE 15W-40. Not API certified. Sold in a 1-quart bottle.



XP8 Petroleum Racing Oil JGP01906

High-zinc, petroleum formula racing oil offers low-cost protection in a non-synthetic oil. Recommended for small block, flat tappet engines with clearances less than .0027". Not API certified. Sold in a 1-quart bottle.



XP9 Synthetic Racing Oil JGP03206

XP9 offers high-temperature, high-shear protection to high-compression, wet sump applications, and is compatible with methanol and high-octane racing fuels. Formulated with anti-wear and friction reducing additives. Viscosity is typical of 10W-40. Sold in a 1-quart bottle.



XP10 Synthetic Racing Oil JGP03306

Engineered for wet sump racing engines with tight oil clearances. XP10 delivers increased high-temperature and high-shear protection. Formulated with friction reduction and proprietary anti-wear additives. Viscosity is typical of 0W-10. Sold in a 1-quart bottle.



LS30 Synthetic Oil JGP02906

Engineered specifically for GM LS series engines, lubricant includes advanced synthetic base oils to deliver exceptional high-temperature and high-shear protection. Well suited to LS "crate" or modified engines. Viscosity typical of SAE 5W-30. Sold in a 1-quart bottle.



BR Break-In Oil

Petroleum-based oil has superior break-in properties, particularly in flat tappet engines. Lubricant promotes ring seal and protects camshaft and lifters with the highest levels of zinc and phosphorus. Offered in BR30 (SAE 5W-30), BR40 (SAE 10W-40), and BR50 (SAE 15W-50) formulas. Sold in a 1-quart bottle.

Description	1 Qt. Bottle Part No.
BR30	JGP01806
BR40	JGP03706
BR50	JGP00106



Synthetic Gear Oil

Formulated for differentials and manual transmissions, synthetic gear oil reduces operating temperatures by up to 15°F. Offered in Racing 75W-85 or 75W-110, and 75W-90 GL-5-approved formulas. Sold in one-quart bottles or 5-gallon pails.

Description	1-Quart Bottle Part No.	5-Gallon Pail Part No.
Synthetic Racing 75W-85	JGP00830	—
Synthetic Racing 75W-110	JGP00630	JGP00617
Synthetic GL-5 75W-90	JGP05530	—



Break-In Gear Oil JGP02330

Specialized lubricant allows gear teeth to break-in quickly and effectively, while providing improvements in surface finish. Break-In Gear Oil polishes the gear teeth, eliminating micro-pitting and improving durability. Lubricant may be run for the normal break-in cycle and then replaced with a synthetic racing gear oil for maximum protection and performance. Viscosity typical of 80W-90. Sold in a 1-quart bottle.



Conventional Gear Oil **NEW!** JGP04530

A basic gear oil that protects yellow metals, while offering proper synchronization to prevent clashing in manual transmissions. Recommended for any race or street performance application where a GL-4 gear oil is required. Viscosity typical of 80W-90. 1-quart bottle.



Power Steering Fluid JGP01306

A full-synthetic formula with exceptional high-temperature foam resistance. Fluid helps reduce temperatures and resists foaming. Sold in a 1-quart bottle.



Cooling System Protector JGP50030

Impurities in well water can cause rust and corrosion inside the radiator, block, water pump, and cylinder heads which can lead to a loss of cooling system efficiency. Cooling System Protector stops the adverse effects of hard water on these critical components. Sold in a 1-quart bottle.



Ball Spline Grease JGP70070

Ideally suited to cambered rear housing axles and drive plates, spline grease is designed to extend the durability of high-speed sliding spline teeth in racing applications. High-viscosity, synthetic-base grease provides increased thermal stability and oxidation resistance, while Moly fortification delivers protection from wear. Sold in a half-pound tub.



Extreme Pressure Grease JGP00738

Premium extreme-pressure grease features improved resistance to high temperatures and increased load-carrying ability compared to traditional lithium grease. EPG is suited for any application that requires a NLGI #2 grease. Sold in 4-ounce tubes, or in cases.



Extreme Pressure Chassis Grease JGP70030

A premium extreme pressure grease with excellent load-carrying ability. Designed for high-temperature, and high loads. Provides exceptional mechanical stability in a NLGI #2 grease. Sold in 400-gm cartridge.



Engine Assembly Grease NEW!

Unparalleled engine protection during initial start-up when combined with BR oil.

Description	1-lb. Tub Part No.	1-oz. Tube Part No.
Engine Assembly Grease	JGP00728	JGP00732



Speed Shield JGP50070

Ideal for dirt racing applications, Speed Shield helps save time and ease post race clean-ups. After washing, simply spray Speed Shield on to help remove the remaining dirt and mud. Produces a shine that is neither wet nor oily, and helps prevent mud or dirt from sticking to surfaces. Works great on plastic, paint, decals, or fiberglass. Sold in 12-ounce can.



Speed Lube JGP50090

Powerful and penetrating, Speed Lube is a spray-on lubricant that is great for use on heim joints, bearings, linkages, and chains. Specially formulated with a proprietary additive package, product offers maximum penetration, lubrication, and corrosion protection. Sold in 8-ounce can.



High-Viscosity Lubricant NEW! JGP50050

Designed for use as an engine assembly lubricant, HVL extends film thickness, while protecting reciprocating and rotating components during assembly and initial break-in. May be also added to oil to increase film thickness. Sold in 8-oz. bottle.



Speed Clean/Brake and Parts Cleaner

Speed Clean is a powerful, multi-surface cleaner that wipes away tire rubber, dirt, and grime without harming paint. Simply spray on, let soak, and wipe off. Sold in 18-oz. aerosol cans.



Description	18-oz. Can Part No.
Speed Clean	JGP50010
Brake and Parts Cleaner	JGP50020

Carb Defender Fuel Additives

Specially designed to protect against the corrosive effects of ethanol, specialized fuel additive includes corrosion inhibitors to protect against diminished performance and costly repairs. Additive helps control combustion chamber residue and induction deposits, protecting the entire fuel system from moisture and corrosion while extending fuel storage life. Formulas available for racing or small engines.



Description	6-oz. Bottle Part No.
Race Concentrate, Treats up to 55 Gallons	JGP70044
	1-oz. Packet Part No.
Small Engine, Treats up to 5 Gallons	JGP70042

Dupli-Color

Dry Film Graphite Lubricant SHES00204000

Suitable for lubricating a wide variety of chassis components. 10-oz. aerosol.



Krylon Fusion All-In-One Satin Black Paint NEW! SHE2732

Premium paint adheres to a wide variety of surfaces including plastic, metal, glass and hard vinyl. Indoor/outdoor product offers maximum rust protection. 12-oz. aerosol can.



Engine Enamel and High-Heat Paint

Advanced formula include ceramic resins for increased heat dissipation and gloss retention. Resins also offer protection from excessive heat and automotive fluids. Engine enamels resist temperatures up to 500°F.

Part No.	Description
Engine Enamels	
SHEDE1601	Ford Blue
SHEDE1606	Ford Dark Blue
SHEDE1607	Chevrolet Orange/Red
SHEDE1608	GM Blue
SHEDE1609	Chevrolet Blue
SHEDE1611	New Ford Gray
SHEDE1612	Gray Primer
SHEDE1613	Gloss Black
SHEDE1615	Aluminum
SHEDE1620	Chevrolet Orange
SHEDE1634	GM/Chrysler Low Gloss Black
SHEDE1635	Ford Semi-Gloss Black
SHEDE1650	Cast Coat Aluminum
SHEDE1651	Cast Coat Iron
Premium Enamels	
SHEDA1600	Gloss Black
SHEDA1603	Semi-Gloss Black
SHEDA1605	Flat Black
SHEDAP1690	Self-Etching Primer



Cam Bearings

American-made bearings for new or used blocks have the surface characteristics of babbit and will withstand high valve spring pressures. Use standard performance bearings with hydraulic or solid lifter cams, or high-performance bearings with roller cams. Most are available with fluoropolymer composite coating for oil retention and less friction; some are available in .010", .020", .030", and .040" oversizes. Specify size when ordering.



Application	Standard Performance	High Performance	High Performance Coated
Chevrolet			
SB Chevy, 1964-99 283-400	DURCH-8	DURCHP-8	DURCHP-8T
SB Chevy, 1955-63 265-327	DURCH-4	DURCHP-4	—
SB Chevy "Bowtie" Block	—	DURGMP-8	DURGMP-8T
SB Chevy Brodix Aluminum Block	DURCH-5-3	DURCHP-5-3	—
SB Chevy Dart "Little M"/SHP	—	—	DURDT-1T
Dart "Iron Eagle"	—	—	DURGMP-2T
Dart "SHP Pro" Block/BB Chevy	—	DURCHP-12	DURCHP-12T
GM "Rocket" Block	—	DURGMP-1	DURGMP-1T
GM LS, 2.326"-2.328", 1997-06	DURCH-10	DURCHP-10	DURCHP-10T
GM LS, 2.346"-2.348", 2003-09	DURCH-23	DURCHP-23	DURCHP-23T
GM LS, .775" Wide, 2006-13	DURCH-25	DURCHP-25	DURCHP-25T
Dart LS Next, 2.298", O.D. Groove with 3-Hole	—	DURGMP-10	DURGMP-10T
GM LSX	—	DURGMP-25	DURGMP-25T
Ford			
SB Ford, 1962-99 221-351W	DURF-18	DURFP-18	DURFP-18T
SB Ford "SVO" Block R302/S302	—	DUR351HP	DUR351HPT
Ford 4-Cylinder, 1983-88 2.0L; 1974-97 2.3L	DURF-34	—	—

Engine Hardware Finishing Kits

Each kit includes dowel pins, cam bolts, seal housing components, woodruff keys, cam eccentrics, etc.



Part No.	Description
DURFKC-1	SB Chevy 283-400 without Seal Housing
DURFKC-1HP	SB Chevy 283-400 without Seal Housing High-Performance Kit. Also Includes Cam Lock Plate, Oil Filter Adapter Bolts, and Transmission Dowels.
DURFKC-1A	SB Chevy 350-400 with Seal Housing, Includes Roller Block
DURFKC-6B	GM LS, 1998-00
DURFKC-7B	GM LS, 2001-13
DURFKF-1	SB Ford 289-351W, Late Model Carbureted
DURFKF-1A	SB Ford 302-351W, EFI, Includes Roller Block
DURFKP-1	SB Chrysler 318-360 Carbureted/EFI, Includes Roller Block

Miscellaneous Dowel Pins

Part No.	Description
DURAD-023	GM Hi-Perf. V-8 Transmission Dowel Pin, .621" O.D. x 1.550" Long, Solid
DURAD-326	GM LS 4.8/5.3/6.0L Dowel Pin, .642" O.D. x .516" I.D. x .500" Long, Hollow
DURAD-679	Chevy V8 Crankshaft Dowel Pin, .4386" O.D. x .813" Long, Solid



JOSH HIGHBAUGH



Crate Dirt Late Model Stainless Steel Headers

High-velocity exhaust headers fit dirt late models utilizing the GM "604" crate engine. Headers are manufactured from 17-gauge stainless steel for increased exhaust flow and added durability, and include stepped 1.625"-1.750" primaries and 3" collectors. Sold complete with gaskets and fasteners. Offered to fit a variety of popular chassis.

Part No.	Description	Primary Dia.	Collector Dia.
Fits American Made, Barry Wright, Morris, Rocket, Swartz, and Others with 2-5/8" Offset & 6" Setback			
DTH711-65810*	Crate Dirt Late Model Headers	1.625"-1.750"	3"
Fits Bernheisel, Dirt Tek, Lazer, Mastersbilt, Rayburn, and Warrior Chassis			
DTH711-65910*	Crate Dirt Late Model Headers	1.625"-1.750"	3"

* Sold complete with DTH772-06322 Torque Boosters, which offer increased horsepower and torque between 2500-4200 RPM without affecting high-end horsepower.



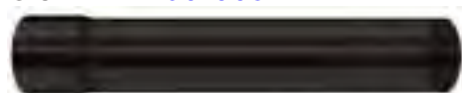
80° Exhaust Elbow DTH780-80351

Mild steel, 3-1/2" dia. elbow with 80° bend is often required when joining headers to mufflers.



Exhaust Extension DTH780-00314

Common to crate engines, 14" long extension helps equalize exhaust flow when used with an 80° elbow to route exhaust from driver's side of dirt late models toward the rear of the car. 14" long x 3" O.D. extension, mild steel. Sold each



Torque Booster

Easy to install, the Torque Booster is a quick way to add up to 10% more torque in the 2500-4200 RPM range common for restarts. Ideal for crate motor applications, product adds low-end torque without sacrificing top-end horsepower.



Part No.	Description
DTH772-06302	Pavement Late Model, 500-600 HP Engines, 3" Inlet
DTH772-06312	Crate Dirt Late Model, 500-600 HP Engines, 3" Inlet
DTH772-06322	Crate Dirt Late Model, Stainless, "604" Engine, 3" Inlet
DTH772-06352	Pavement Late Model, 600+ HP Engines, 3-1/2" Inlet

Split-Flow Round Race Mufflers

The straight-through mufflers for dirt and pavement late models, street stocks, and modifieds. Meets or exceeds dB requirements at most sanctioned events. Muffler cases are 6" long x 5" dia. with 3.0" or 3.5" dia. inlet/outlet.



Part No.	Description
DTH776-06302	3.0" Inlet and Outlet
DTH776-06352	3.5" Inlet and Outlet



Split-Flow Race Mufflers

A corrosion-resistant, aluminized steel muffler with high-flow, straight-through dual-pattern core for zero power loss. Only 8 lbs. and compact – 7" wide x 4-1/2" tall x 14" long – the Split-Flow meets or exceeds dB requirements of most muffler rules. Sold individually.



Part No.	Description
DTH776-14252	2.5" Inlet and Outlet
DTH776-14352	3.5" Inlet and Outlet
DTH776-14402	4.0" Inlet and Outlet

U-Tab Kits

The same kits Dynatech uses on headers fitted with slip-on collectors. Four tabs are typically used per collector.



Part No.	Description
DTH794-00310	U-Tab Kit, Includes (2) Tabs, (1) Bolt, (1) Nuts and Washers
DTH794-00320	U-Tab Kit, Includes (8) Tabs, (4) Bolts, (4) Nuts and Washers

Vortex Cone

The Vortex Cone is the first muffler insert on the market that delivers significant noise reduction with little or no increase in back pressure. The 304 stainless steel cone slips inside the collector at the end of the header. High efficiency and absorption qualities coupled with low back pressure add up to a 6-8% horsepower and torque advantage over most insert mufflers.



Part No.	Description
DTH772-32510	3.5"
DTH772-32520	3.0"
DTH772-32530	4.0"

Note: Mounting tabs should be inset 1/2" from the end of the collector. Weld the mounting tabs to the inside of the collector, do not use rivets.

Turndowns

Used to reduce noise levels on race cars. Sold individually.



Part No.	Description
DTH780-00100	3.00"
DTH780-00200	3.50"
DTH780-00050	4.00"

Clamp Collars

For connecting extension pipes, Y-pipes, X-pipes and mufflers. Includes quick disconnect (no welding) and stainless steel band clamp. Sold individually.



Part No.	Description
DTH794-90200	3.00"
DTH794-90350	3.50"
DTH794-90400	4.00"

V-Clamp Kit DTH794-91235

The V-Clamp Kit provides a reusable, leak-free connection that allows quick disconnection. Designed for 3-1/2" diameter exhaust, kit includes two weld-on V-clamp rings and a stainless steel V-band clamp.



ZACK COOK

SB Chevy Light Series Forged Connecting Rods

Premium quality, "Light Series" connecting rods are manufactured from 300M aircraft-quality steel. Rods are bushed and fitted with premium ARP fasteners. Sold in set of eight.

Part No.	Description	Journal	Pin	Beam	Bolt	Weight
UL (Ultra Light) Series						
DYR6000LSBCLJ7200AD	6.000" Rods	2.225"	.927"	Standard	7/16"	665 Grams

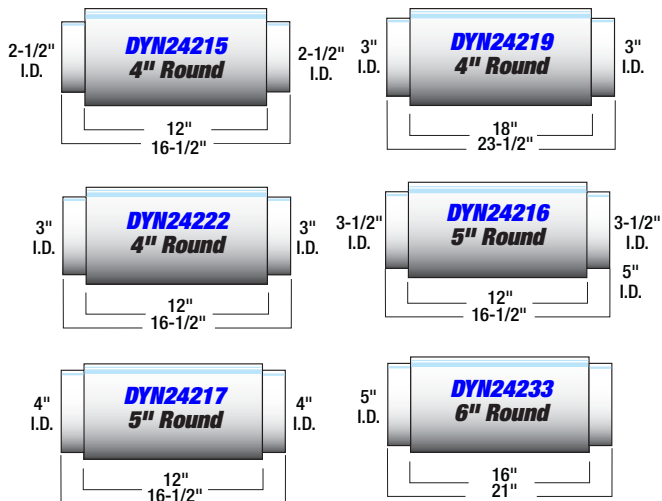




Dynomax Race Series Mufflers are offered in a variety of case sizes and inlet/outlet diameters to fit virtually any system. All mufflers are straight-through design for maximum performance and 100% aluminized for durability. All mufflers flow in either direction (unless noted).

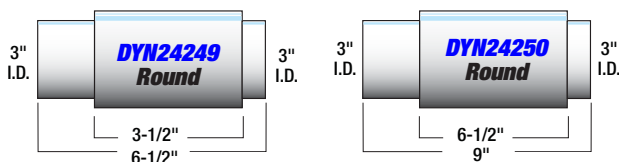
Bullet Mufflers

Lightweight, compact bullet mufflers are ideal for tight ground clearance situations. A race-only muffler that provides moderate sound control.



Race Series Mini Bullet Mufflers

Designed for racing applications with limited space, Race Series Mini Bullet Mufflers are lightweight, compact, and utilize an unrestricted, straight-through design. The 100% welded construction and stainless steel bodies provide a virtual lifetime of durability.



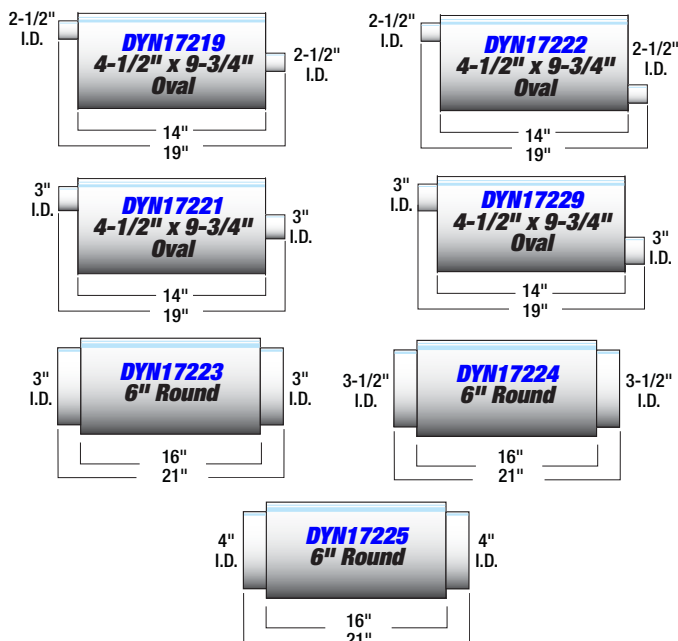
3" O.D. Exhaust Pipe Connector DYN41971

Manufactured from aluminized steel, exhaust pipe connector easily joins 3" dia. exhaust components such as collectors, mufflers, etc.



Ultra Flo Mufflers

Universal Ultra Flo welded mufflers provide moderate sound reduction and still improve overall performance.

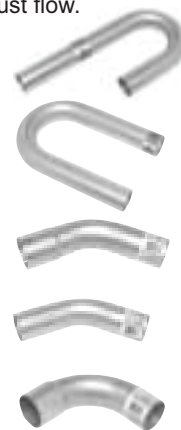


Aluminized Steel Exhaust Tubing

Dynomax offers a full selection of durable, aluminized 16-gauge steel exhaust tubing. Ideal when building custom headers and exhaust systems. Selected tubing is available as mandrel bent for optimized exhaust flow.

Part No.	Tube O.D.	Radius Size
J-Bend		
DYN42392	2-1/2"	3-1/2"
U-Bend		
DYN42323*	3"	5"
I.D. - O.D. 45° Elbows		
DYN41437*	2-1/2"	4"
O.D. - O.D. 45° Elbows		
DYN41438*	2-1/2"	4"
I.D. - O.D. 90° Elbows		
DYN41002	2-1/2"	4"

* Signifies mandrel-bent tubing



NEW VENDOR!

E3 Spark Plugs

Featuring the patented DiamondFIRE ground electrode secured with two legs to the shell, E3 spark plugs deliver unsurpassed heat transfer, while offering added stability to the side wire required by high-RPM racing engines. The special ground electrode is proven to increase horsepower, while offering an extended life. Please refer to spark plug reference chart on page 843.



3-D H-Beam Connecting Rods

Durable and affordable 3-D forged rods are sized and finished in the U.S.A., and fitted with 7/16" 190,000 PSI cap screw bolts from ARP. Many are available with premium ARP L-19, 265,000 PSI fasteners (add the suffix "L19" to the part number). All rods have alignment sleeves to positively locate the rod cap, assuring big end bore size and eliminating cap walk. Rods are bushed for use with full-floating pins. Sold in weight-matched sets.



Part No.	Description	Center-to-Center Length	Gram Weight	Crank Pin Dia.	Big End Width	Pin End Bore
SB Chevy						
EAGCRS5700B3D*	Large Journal, 327, 350	5.700"	630	2.100"	.940"	.927"
EAGCRS5700S3D	Small Journal, 283, 327	5.700"	670	2.000"	.940"	.927"
EAGCRS5850B3D	Large Journal, +.150"	5.850"	650	2.100"	.940"	.927"
EAGCRS6000B3D*	Large Journal, +.300"	6.000"	640	2.100"	.940"	.927"
EAGCRS6000B3D2000	Large Journal, +.300" Extreme-Duty	6.000"	645	2.100"	.940"	.927"
EAGCRS6000S3D2000	Small Journal, +.300", Extreme-Duty	6.000"	660	2.000"	.940"	.927"
EAGCRS6000BLW†	Large Journal, +.300", Lightweight	6.000"	545	2.100"	.940"	.927"
EAGCRS6000B3DL19	Large Journal, +.300", L19	6.000"	645	2.100"	.940"	.927"
EAGCRS6000BST	Large Journal, Max Stroke	6.000"	645	2.100"	.940"	.927"
EAGCRS6100L3D	LS Series	6.100"	650	2.100"	.940"	.927"
EAGCRS6125B3DL19	Large Journal, +.425", L19	6.125"	660	2.100"	.940"	.927"
EAGCRS6125B3D	Large Journal, +.425"	6.125"	660	2.100"	.940"	.927"
EAGCRS612503D	LS Series	6.125"	620	2.100"	.940"	.927"
EAGCRS6200B3D	Large Journal, +.500"	6.200"	650	2.100"	.940"	.927"
EAGCRS6200HJ	+500", Honda Journal	6.200"	575	1.889"	.940"	.927"
EAGCRS6250B3D	Large Journal, +.550"	6.250"	665	2.100"	.940"	.927"
EAGCRS6250HJ	+550", Honda Journal	6.250"	540	1.889"	.940"	.927"
SB Ford 289-302						
EAGCRS5090F3D	Stock 302	5.090"	590	2.123"	.831"	.912"
EAGCRS5400S3D	Stroker	5.400"	588	2.123"	.831"	.927"
EAGCRS5400C3D*	Stroker	5.400"	605	2.100"	.831"	.927"
EAGCRS5400S3D2000	Stroker, Extreme-Duty	5.400"	588	2.123"	.831"	.927"
Ford 351W						
EAGCRS5956F3D	Stock 351W	5.956"	675	2.310"	.831"	.912"

* Also stocked in ESP armor finish, simply add "9" prior to rod length.

Example: EAGCRS95700B3D

† Featherweight rods are for applications with UNDER 500 horsepower only.

§ SB Ford stroker application has SB Chevy large journal crank and piston pin sizing.

"SIR" I-Beam Connecting Rods

Affordable connecting rods offer 50% more strength. Forged from quality 5140 steel. Sold in weight-matched sets of eight.



Part No.	Description	Pin	Rod Length	Gram Wt.
SB Chevy				
EAGSIR5700BPLW	Large Journal	Press Fit	5.700"	565
EAGSIR5700BBLW	Large Journal	Bushed	5.700"	560
EAGSIR5700SBLW	Small Journal	Bushed	5.700"	590
EAGSIR6000BBLW	Large Journal	Bushed	6.000"	590
EAGSIR6125BBLW	Large Journal	Bushed	6.125"	600
EAGSIR6250BBLW	Large Journal	Bushed	6.250"	615
SB Ford 289-302				
EAGSIR5090FB	OEM Length	Bushed	5.090"	565
EAGSIR5090FP	OEM Length	Press Fit	5.090"	565
SB Ford 351W				
EAGSIR5956FB	OEM Length	Bushed	5.956"	570
EAGSIR5956FP	OEM Length	Press Fit	5.956"	570

Cast Steel Crankshafts

Reliable, cast steel crankshafts are the alternative to refurbished factory cranks. Perfect for up to 500 horsepower, all cranks are inspected for dimensional accuracy. Offered in standard or lightweight pendulum-cut versions.



Part No.	Engine	Rear Main	Bal.	Stroke	Notes
SB Chevy					
EAG103503480CM	350	2-Pc.	Int.	3.480"	IMCA Legal/ No Lightening Holes
EAG103503480*	350	2-Pc.	Int.	3.480"	5.700" Min. Rod Length
EAG103523480	350	1-Pc.	Int./Ext.	3.480"	Balance with OEM Flexplate/Flywheel
EAG103503750*	383	2-Pc.	Ext.	3.750"	5.700" Min. Rod Length
EAG103503750571*	383	2-Pc.	Int.	3.750"	5.700" Min. Rod Length
EAG103523750	383	1-Pc.	Ext.	3.750"	Not for Use with LT-1
EAG104003750	400	2-Pc.	Ext.	3.750"	5.565" Min. Rod Length
SB Ford					
EAG103023000	302	1-Pc.	Ext./28 oz.	3.000"	Requires SIR5400CB/SIR5400C3D
EAG103023000-50	302	1-Pc.	Ext./50 oz.	3.000"	Requires SIR5400CB/SIR5400C3D
EAG103023252	289-302	2-Pc.	Ext.	3.250"	Requires SIR5400CB/CRS5400C3D
EAG103023402	289-302	2-Pc.	Ext.	3.400"	Requires SIR5400CB/CRS5400C3D
EAG103513850	351W	2-Pc.	Ext.	3.850"	Use 351W Rod and 302 Piston

* Also stocked in ESP armor finish, simply substitute "9" in first digit of part number. Example: EAG903503480

Forged 4340 Steel Crankshafts

Non-twist 4340 steel forgings are ground, cross-drilled, stress-relieved, shot-peened, micro-polished, and nitrided. Rod journals are indexed for correct stroke. Finally, the crank is x-rayed, magnafluxed, sonic tested, and inspected. Choose from standard and lightweight versions.



Part No.	Description	Stroke	Rod Length	Rod Journal
SB Chevy 305 (Early 2-Pc. Rear Main Seal)				
EAG4349350057LA	Internal Balance - Ltwt.	3.500"	5.700"	2.100"
SB Chevy 350 (Early 2-Pc. Rear Main Seal)				
EAG435034805700*	Internal Balance	3.480"	5.700"	2.100"
EAG4350348057LA	Internal Balance - Ltwt.	3.480"	5.700"	2.100"
EAG435035005700	Internal Balance	3.500"	5.700"	2.100"
EAG435035625700	Internal Balance	3.562"	5.700"	2.100"
EAG435036255700	Internal Balance	3.625"	5.700"	2.100"
EAG435037505700*	Internal Balance	3.750"	5.700"	2.100"
EAG4350375057LA	Internal Balance - Ltwt.	3.750"	5.700"	2.100"
EAG435040006000	Internal Balance	4.000"	6.000"	2.100"
SB Chevy 350 (Late 1-Pc. Rear Main Seal)				
EAG435334805700	Internal Balance	3.480"	5.700"	2.100"
EAG435337505700	Internal Balance	3.750"	5.700/6.000"	2.100"
SB Chevy 400 (400 Main Sizing, No Spacer Bearings Required)				
EAG440034805700	Internal Balance	3.480"	5.700"	2.100"
EAG434636226100	Internal Balance	3.622"	6.125"	2.100"
EAG440037505700*	Internal Balance	3.750"	5.700"	2.100"
EAG440038756000	Internal Balance	3.875"	6.000"	2.100"
EAG440040006000	Internal Balance	4.000"	6.000"	2.100"
EAG434640006100	Internal Balance	4.000"	6.125"	2.100"
SB Ford 302 (5.0L) (Multi-Fit Slinger)				
EAG430230015090	Internal Balance	3.000"	5.090"	2.123"
EAG430234025400*	Internal Balance	3.400"	5.400"	2.100"
SB Ford 351W				
EAG435140006200*	3.00" Main Dia./Early Multi-Fit Slinger	4.000"	6.200"	2.311"
EAG435240006200	SV0 2.75" Main Dia.	4.000"	6.200"	2.311"
EAG435141706200	3.00" Main Dia./Early Multi-Fit Slinger	4.170"	6.200"	3.000"
EAG435241706200	SV0 2.75" Main Dia.	4.170"	6.200"	2.750"

* Also stocked in ESP armor finish, simply substitute "9" in first digit of part number. Example: EAG935034805700

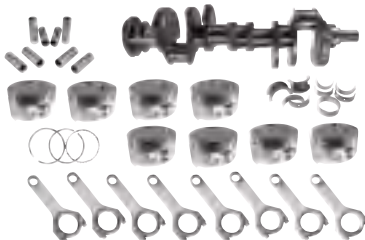


Rotating Assemblies

Eagle Specialty Products offers a variety of rotating assemblies in competition or street/strip versions. Let "ESP" simplify the selection process. Just one part number supplies a crankshaft, connecting rods, pistons, piston rings, main and rod bearings.

SB Chevy Competition Rotating Assemblies with 4340 Crankshaft

"ESP" rotating assemblies include the name-brand quality components essential when assembling a durable circle track engine. Each kit includes "ESP" forged 4340 steel crankshaft, "ESP" pin fit 4340 H-beam 3-D connecting rods, Mahle or SRP forged pistons and pins, standard or file-fit piston rings, and Federal Mogul or Clevite 77 main and rod bearings. All assemblies listed use early, 2-piece rear main seal. Please specify bore size when ordering.

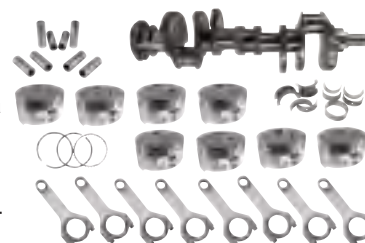


Part No.	Bore	Stroke	Rod	Piston/Type	Comp. Ratio	Rings
SB Chevy 350						
EAG12001030	4.030"	3.480"	5.700"	Mahle Forged/Flat Top	9.5:1	File Fit
EAG12029030	4.030"	3.480"	5.700"	SRP Forged/Inv. Dome	8.5:1	File Fit
EAG12001040	4.040"	3.480"	5.700"	Mahle Forged/Flat Top	9.6:1	File Fit
EAG12004030	4.030"	3.480"	6.000"	Mahle Forged/Dome	11.5:1	File Fit
EAG12004060	4.060"	3.480"	6.000"	Mahle Forged/Dome	11.7:1	File Fit
EAG12020030	4.030"	3.500"	6.000"	SRP Forged/Flat Top	10.3:1	File Fit
EAG12020040	4.040"	3.500"	6.000"	SRP Forged/Flat Top	10.3:1	File Fit
EAG12007030	4.030"	3.750"	5.700"	SRP Forged/Inv. Dome	9.3:1	File Fit
EAG12008030	4.030"	3.750"	5.700"	Mahle Forged/Flat Top	10.4:1	File Fit
EAG12008040	4.040"	3.750"	5.700"	Mahle Forged/Flat Top	10.5:1	File Fit
EAG12011030	4.030"	3.750"	6.000"	Mahle Forged/Flat Top	10.4:1	File Fit
EAG12011060	4.060"	3.750"	6.000"	Mahle Forged/Flat Top	10.6:1	File Fit
EAG12012030	4.030"	3.750"	6.000"	SRP Forged/Dome	12.9:1	File Fit
EAG12012040	4.040"	3.750"	6.000"	SRP Forged/Dome	12.9:1	File Fit
EAG12012060	4.060"	3.750"	6.000"	SRP Forged/Dome	13.0:1	File Fit
SB Chevy 400						
EAG12501030	4.155"	3.750"	5.700"	SRP Forged/Flat Top	11.6:1	File Fit
EAG12503030	4.155"	3.750"	6.000"	SRP Forged/Flat Top	11.6:1	File Fit
EAG12504030	4.155"	3.750"	6.000"	SRP Forged/Dome	12.9:1	File Fit
EAG12503040	4.165"	3.750"	6.000"	SRP Forged/Flat Top	11.6:1	File Fit
EAG12504040	4.165"	3.750"	6.000"	SRP Forged/Dome	12.9:1	File Fit

Note: Compression ratios are based on a 64cc combustion chamber.

SB Chevy Balanced Street/Strip Rotating Assemblies with Cast Steel Crankshaft **NEW!**

Build an affordable small block Chevy with up to 500 horsepower from a base 350 block. Complete, balanced rotating assemblies include a cast steel crankshaft, "SIR" I-beam connecting rods, choice of Mahle forged or Speed-Pro hypereutectic pistons, file-fit piston rings, and Clevite 77 bearings.



Part No.	Bore	Stroke	Rod	Piston/Type	Comp. Ratio	Rings
SB Chevy 350 (Early 2-Pc Rear Main Seal)						
EAGB13057E030	4.030"	3.750"	6.000"	Mahle/Flat Top	10.5:1	File Fit
EAGB13402E040	4.040"	3.480"	5.700"	Speed-Pro Hyper./Flat Top	9.6:1	File Fit
EAGB13404E060	4.060"	3.750"	5.700"	Speed-Pro Hyper./Inv. Dome	9.8:1	File Fit

Note: Compression ratios are based on a 64cc combustion chamber.

SB Chevy Street/Strip Rotating Assemblies with Cast Steel Crankshaft

Time-saving, cost-effective kits combine performance, strength, and durability for up to 500 horsepower. Each includes cast steel crankshaft (use 2-pc. rear main seal), "SIR" I-beam connecting rods, Hypereutectic or Forged pistons, Perfect Circle piston rings, and Clevite 77 bearings. Specify bore size.



Part No.	Bore	Stroke	Rod	Piston/Type	Comp. Ratio	Rings
SB Chevy 350						
EAG13020030	4.030"	3.480"	5.700"	SRP Forged/Inv. Dome	8.5:1	File Fit
EAG13021030	4.030"	3.480"	5.700"	SRP Forged/Flat Top	10.3:1	File Fit
EAG13021040	4.040"	3.480"	5.700"	SRP Forged/Flat Top	10.3:1	File Fit
EAG130202030	4.030"	3.480"	5.700"	KB Hypereutectic/Flat Top	9.6:1	Std.
EAG130202040	4.040"	3.480"	5.700"	KB Hypereutectic/Flat Top	9.6:1	Std.
EAG130202060	4.060"	3.480"	5.700"	KB Hypereutectic/Flat Top	9.7:1	Std.
EAG13005030	4.030"	3.750"	5.700"	KB Hypereutectic/Flat Top	10.4:1	Std.
EAG13005040	4.040"	3.750"	5.700"	KB Hypereutectic/Flat Top	10.5:1	Std.
EAG13056030	4.030"	3.750"	5.700"	Mahle/Flat Top	10.5:1	File Fit
EAG13006030	4.030"	3.750"	5.700"	SRP Forged/Flat Top	11.0:1	File Fit
EAG13007030	4.030"	3.750"	6.000"	SRP Forged/Flat Top	11.0:1	File Fit
EAG13056030	4.030"	3.750"	5.700"	Mahle/Flat Top	10.4:1	File Fit
SB Chevy 400						
EAG13010030	4.155"	3.750"	5.700"	KB Hypereutectic/Flat Top	10.9:1	Std.
EAG13010040	4.165"	3.750"	5.700"	KB Hypereutectic/Flat Top	11.0:1	Std.
EAG13010060	4.185"	3.750"	5.700"	KB Hypereutectic/Flat Top	11.0:1	Std.

SB Chevy 400

EAG13010030	4.155"	3.750"	5.700"	KB Hypereutectic/Flat Top	10.9:1	Std.
EAG13010040	4.165"	3.750"	5.700"	KB Hypereutectic/Flat Top	11.0:1	Std.
EAG13010060	4.185"	3.750"	5.700"	KB Hypereutectic/Flat Top	11.0:1	Std.

Note: Compression ratios are based on a 64cc combustion chamber.

SB Ford Street/Strip Rotating Assemblies with Cast Steel Crankshaft

Build an affordable, reliable high-performance 347 cu. in. engine with up to 500 horsepower from a base, small block Ford 302. Each kit includes a 3.400" stroke cast steel crankshaft, "SIR" I-beam 5.400" connecting rods, choice of Mahle flat top or SRP inverted dome forged pistons, file-fit piston rings, and Clevite 77 bearings. Kits listed are designed to accept an external balance 28 oz.-in. balancer and flexplate/flywheel.



Part No.	Bore	Stroke	Rod	Piston/Type	Comp. Ratio	Rings
EAG16003040	4.040"	3.400"	5.400"	Mahle/Flat Top	9.9:1	File Fit
EAG16004030	4.030"	3.400"	5.400"	SRP/Inv. Dome	9.4:1	File Fit

Note: Compression ratios are based on a 62cc combustion chamber.

SB Ford Competition Rotating Assemblies with 4340 Forged Crankshaft

Assemble a competition engine using a production small block Ford 302 block. Each kit includes a 4340 forged steel 3.250" or 3.400" stroke crankshaft, 3-D H-beam 5.400" connecting rods, forged SRP or Mahle pistons, file fit piston rings, and Clevite 77 bearings. Kits listed are engineered for internal balance.



Part No.	Bore	Stroke	Rod	Piston/Type	Comp. Ratio	Rings
EAG14004030	4.030"	3.400"	5.400"	SRP/Inv. Dome	9.4:1	File Fit
EAG16004030	4.030"	3.250"	5.400"	Mahle/Flat Top	9.5:1	File Fit
EAG16004030	4.030"	3.400"	5.400"	Mahle/Flat Top	9.9:1	File Fit

Note: Compression ratios are based on a 62cc combustion chamber.

Replacement Components Silicon Bronze Wrist Pin Bushings

Part No.	Applications	I.D.	O.D.	Length
EAGB927-1	SB Chevy, Ford	.864"	.972"	1.050"
EAGB928-1	SB Chevy, Ford	.900"	.972"	1.012"



Perform-O-Flex Hose

Perform-O-Flex stainless steel braided hose has been the choice of top racing teams since 1972. Perform-O-Flex can be used with Swivel Seal, Auto-Fit, or Auto-Mate hose ends and consists of an inner liner of Temprel synthetic rubber and a partially protective sheath of stainless steel braid embedded during manufacture. Temprel maintains flexibility and strength at temperatures from -40°F to 300°F. The reinforced hose liner is then bonded to a full-coverage outer sheath of high-tensile stainless steel wire braid.

Hose Size	I.D.	O.D.	Max. Oper. Pressure	Max. Clamp Pressure	Min. Bend Radius	3 Ft. Part No.	6 Ft. Part No.	10 Ft. Part No.	20 Ft. Part No.
-4	7/32"	7/16"	1500	250	2"	EAR403004ERL	EAR406004ERL	EAR410004ERL	EAR420004ERL
-6	11/32"	35/64"	1500	250	2.5"	EAR403006ERL	EAR406006ERL	EAR410006ERL	EAR420006ERL
-8	7/16"	41/64"	1500	250	3.5"	EAR403008ERL	EAR406008ERL	EAR410008ERL	EAR420008ERL
-12	11/16"	15/16"	1000	250	4.5"	EAR403012ERL	EAR406012ERL	EAR410012ERL	EAR420012ERL
-16	7/8"	1-5/32"	750	250	5.5"	EAR403016ERL	EAR406016ERL	EAR410016ERL	—
-20	1-1/8"	1-7/16"	500	250	8"	EAR403020ERL	EAR406020ERL	—	—



Pro-Lite 350 Hose

Pro-Lite 350 Racing Hose is designed for use with Earl's Swivel-Seal or Auto-Crimp hose ends. Hose is ultra lightweight, yet delivers superior durability and resistance to high temperatures. Save up to 30 lbs. when replacing the braided steel oil, fuel, and coolant hoses on a race car using a dry sump type engine. Abrasion-resistant nylon sheathing is bonded to the synthetic rubber liner's textile inner braid for added durability.

Hose Size	I.D.	O.D.	Max. Oper. Pressure	Burst Pressure	Min. Bend Radius	3 Ft. Part No.	6 Ft. Part No.	10 Ft. Part No.	20 Ft. Part No.
-4	.22"	.44"	350	1400	2.00"	EAR350304ERL	EAR350604ERL	EAR351004ERL	EAR352004ERL
-6	.35"	.55"	350	1400	2.25"	EAR350306ERL	EAR350606ERL	EAR351006ERL	EAR352006ERL
-8	.44"	.65"	350	1400	3.50"	EAR350308ERL	EAR350608ERL	EAR351008ERL	EAR352008ERL
-10	.57"	.80"	350	1400	4.00"	EAR350310ERL	EAR350610ERL	EAR351010ERL	EAR352010ERL
-12	.69"	.94"	350	1400	4.50"	EAR350312ERL	EAR350612ERL	EAR351012ERL	EAR352012ERL
-16	.88"	1.16"	300	1200	5.50"	EAR350316ERL	EAR350616ERL	EAR351016ERL	EAR352016ERL
-20	1.12"	1.44"	250	—	8.00"	EAR350320ERL	—	—	—



Ano-Tuff Swivel-Seal Hose Ends

Ano-Tuff hose ends are made from hard anodized aluminum and offer exceptional resistance to wear and corrosion. Hose ends have a bright, black anodized finish and are compatible with Perform-O-Flex, Auto-Flex, and Pro-Lite 350 hose.

Hose Size	Straight	30° Tube	45° Low Profile	45° Tube	60° Tube	90° Low Profile	90° Tube	120° Tube	150° Tube	180° Tube
-6	EARAT800106ERL	EARAT803106ERL	EARAT804506ERL	EARAT804606ERL	EARAT806106ERL	EARAT809006ERL	EARAT809106ERL	EARAT812006ERL	EARAT815006ERL	EARAT818006ERL
-8	EARAT800108ERL	EARAT803108ERL	EARAT804508ERL	EARAT804608ERL	—	EARAT809008ERL	EARAT809108ERL	EARAT812008ERL	—	EARAT818008ERL
-10	EARAT800110ERL	EARAT803110ERL	EARAT804510ERL	EARAT804610ERL	EARAT806110ERL	EARAT809010ERL	EARAT809110ERL	EARAT812010ERL	EARAT815010ERL	EARAT818010ERL
-12	EARAT800112ERL	EARAT803112ERL	EARAT804512ERL	EARAT804612ERL	EARAT806112ERL	EARAT809012ERL	EARAT809112ERL	EARAT812012ERL	EARAT815012ERL	EARAT818012ERL
-16	EARAT800116ERL	—	—	EARAT804616ERL	—	EARAT809016ERL	EARAT809116ERL	—	—	—



Swivel-Seal™ Aluminum Hose Ends

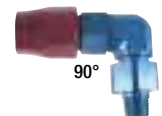
Swivel-Seal hose ends may be used with Perform-O-Flex, Pro-Lite 350, Auto-Flex, or Ruff-Stuff stainless braided hoses. The Swivel-Seal has a cutter-style end, used for over 40 years in the aerospace industry and 20 years in automotive competition. During assembly of cutter-style fittings, the end cuts into the hose to create a tight, leakproof seal.

Hose Size	Straight	30° Tube	45° Low Profile	45° Tube	60° Tube	90° Low Profile	90° Tube	120° Tube	150° Tube	180° Tube
-6	EAR800106ERL	EAR803106ERL	EAR804506ERL	EAR804606ERL	EAR806106ERL	EAR809006ERL	EAR809106ERL	EAR812006ERL	EAR815006ERL	EAR818006ERL
-8	EAR800108ERL	EAR803108ERL	EAR804508ERL	EAR804608ERL	EAR806108ERL	EAR809008ERL	EAR809108ERL	EAR812008ERL	EAR815008ERL	EAR818008ERL
-10	EAR800110ERL	—	EAR804510ERL	EAR804610ERL	EAR806110ERL	EAR809010ERL	EAR809110ERL	EAR812010ERL	EAR815010ERL	EAR818010ERL
-12	EAR800112ERL	EAR803112ERL	EAR804512ERL	EAR804612ERL	EAR806112ERL	EAR809012ERL	EAR809112ERL	EAR812012ERL	EAR815012ERL	EAR818012ERL
-16	EAR800116ERL	—	EAR804516ERL	EAR804616ERL	—	EAR809016ERL	EAR809116ERL	EAR812016ERL	EAR815016ERL	EAR818016ERL



Swivel-Seal™ Male Threaded Hose Ends

Swivel-Seal hose ends thread directly into a female port without adapters. The coupler may be rotated independently of the hose end, allowing the coupler to be threaded into the port while the hose and hose end remain stationary.



Male Thread Size	Hose Size	Straight Part No.	45° Part No.	90° Part No.
1/8" NPT	-6	EAR820162ERL	—	EAR829062ERL
1/4" NPT	-6	EAR820106ERL	EAR824506ERL	EAR829006ERL
3/8" NPT	-6	EAR820166ERL	EAR824566ERL	EAR829066ERL
3/8" NPT	-8	EAR820108ERL	—	EAR829008ERL
1/2" NPT	-8	EAR820188ERL	EAR824588ERL	EAR829088ERL
1/2" NPT	-10	—	—	EAR829010ERL
1/2" NPT	-12	—	—	EAR829013ERL
3/4" NPT	-12	—	—	EAR829012ERL



UltraPro Hose **NEW!**

Designed to withstand today's fluids, harsh environments, flow requirements and extreme pressures, UltraPro hose features a black polyester braided outer layer with a double-helix ribbed PTFE inner liner. Up to 67% lighter than traditional braided stainless steel hose. Sold in pre-packaged boxed lengths.



Hose Size	I.D.	O.D.	Max. Pressure	Min. Bend Radius	10' Part No.	20' Part No.
-6	.344"	.576"	250	1.00"	—	EAR682006ERL
-8	.410"	.650"	250	1.50"	EAR681008ERL	EAR682008ERL

UltraPro Hose Ends **NEW!**

Manufactured to be lightweight and rugged, UltraPro hose ends are constructed from 2024-T8 aluminum and use fluoroelastomer internal seals that are resistant to virtually all known fuels, oils, and coolants. Black anodized hose ends are offered in twist-on and crimp-on, each with dynamic swivel design.



Hose Size	Straight	45° Tube	90° Tube
Twist-On Hose Ends			
-6	EAR620106ERL	EAR624606ERL	EAR629106ERL
-8	EAR620108ERL	—	EAR629108ERL
Crimp-On Hose Ends			
Hose Size	ORB Size	45° Tube	90° Tube
-6	(-6) 9/16"-18	EAR644406ERL	EAR699906ERL
-8	(-8) 3/4"-16	EAR644408ERL	EAR699908ERL
-10	(-10) 7/8"-14	EAR644410ERL	EAR699910ERL
-10	(-12) 1-1/16"-12	EAR644411ERL	EAR699911ERL
-12	(-12) 1-1/16"-12	EAR644412ERL	EAR699912ERL
-12	(-10) 7/8"-14	EAR644413ERL	EAR699913ERL

Ultra Flex Hose **NEW!**

Top-of-the-line Ultra Flex racing hose combines a woven Kevlar braid with smooth-bore PTFE tubing, resulting in an ultra-light racing hose with significantly higher flow and pressure ratings than traditional hose. Ultra Flex is 60% lighter than Perform-O-Flex stainless steel braided hose and 15% lighter than Pro-Lite 350 hose. Sold in pre-packaged 10' boxed lengths. Designed for use with Ultra Flex crimp-on hose ends.



10' Part No.	Hose Size	I.D.	O.D.	Max. Pressure	Min. Bend Radius
EAR651006ERL	-6	.394"	.512"	1180	1.64"
EAR651008ERL	-8	.536"	.650"	1030	2.09"
EAR651010ERL	-10	.658"	.819"	955	3.28"

Ultra Flex Hose Ends **NEW!**

The combination of Ultra Flex hose and hose ends is currently the lightest alternative for plumbing a race engine. Lightweight, aircraft-quality aluminum fittings are easy to assemble. Purchase required crimp collars separately.



Hose Size	Straight Part No.	45° Part No.	90° Part No.
-6	—	EAR674606ERL	—
-8	EAR670108ERL	EAR674608ERL	EAR679108ERL
-10	EAR670110ERL	EAR674610ERL	EAR679110ERL
-12	EAR670112ERL	EAR674612ERL	EAR679112ERL

Ultra Flex Crimp Collars **NEW!**

Clear-coated, lightweight aluminum. Sold each.

Part No.	Dash Size
EAR698063ERL	-6
EAR698083ERL	-8
EAR698103ERL	-10
EAR698123ERL	-12



Auto-Fit™ Aluminum Hose Ends

Earl's Auto-Fit hose ends with nipple ends have the reliability and appearance of Swivel-Seal ends, but are easier to assemble, and less expensive. During assembly, the barbed nipple is pushed into the hose, securing hose between the nipple and socket, providing a tight, secure seal.



Size	Straight	45° Tube	90° Tube	120° Tube	150° Tube	180° Tube
-4	EAR300104ERL	EAR304604ERL	EAR309104ERL	EAR312004ERL	EAR315004ERL	—
-6	EAR300106ERL	EAR304606ERL	EAR309106ERL	EAR312006ERL	—	EAR318006ERL
-8	EAR300108ERL	EAR304608ERL	EAR309108ERL	—	—	—
-10	EAR300110ERL	EAR304610ERL	EAR309110ERL	—	—	—
-12	EAR300112ERL	EAR304612ERL	EAR309112ERL	—	—	—
-16	EAR300116ERL	EAR304616ERL	EAR309116ERL	—	—	EAR318016ERL
-20	EAR300120ERL	EAR304620ERL	EAR309120ERL	—	—	—

Auto-Mate Hose Ends

Auto-Mate hose ends are offered in traditional blue anodized or black Ano-Tuff hard anodized aluminum and provide professional, reliable plumbing at a reasonable price. Hose ends are compatible with Auto-Flex or Perform-O-Flex stainless steel braid protected hoses. Requires auto crimp collars listed below.

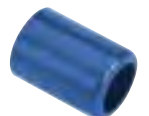
Blue Anodized Part No.	Ano-Tuff Part No.	Hose End	Adapter Size	Hose Size
Straight				
—	EARAT700104ERL	-4	-4	-4
EAR700106ERL	EARAT700106ERL	-6	-6	-6
EAR700108ERL	EARAT700108ERL	-8	-8	-8
EAR700110ERL	EARAT700110ERL	-10	-10	-10
EAR700112ERL	EARAT700112ERL	-12	-12	-12
EAR700116ERL	EARAT700116ERL	-16	-16	-16
45°				
—	EARAT704604ERL	-4	-4	-4
EAR704606ERL	EARAT704606ERL	-6	-6	-6
EAR704608ERL	EARAT704608ERL	-8	-8	-8
EAR704610ERL	EARAT704610ERL	-10	-10	-10
EAR704612ERL	EARAT704612ERL	-12	-12	-12
—	EARAT704616ERL	-16	-16	-16
90°				
—	EARAT709104ERL	-4	-4	-4
EAR709106ERL	EARAT709106ERL	-6	-6	-6
EAR709108ERL	EARAT709108ERL	-8	-8	-8
EAR709110ERL	EARAT709110ERL	-10	-10	-10
EAR709112ERL	EARAT709112ERL	-12	-12	-12
—	EARAT709116ERL	-16	-16	-16
120°				
—	EARAT712006ERL	-6	-6	-6
—	EARAT712008ERL	-8	-8	-8
—	EARAT712010ERL	-10	-10	-10
—	EARAT712012ERL	-12	-12	-12
150°				
—	EARAT715006ERL	-6	-6	-6
—	EARAT715008ERL	-8	-8	-8
—	EARAT715010ERL	-10	-10	-10
—	EARAT715012ERL	-12	-12	-12
180°				
—	EARAT718006ERL	-6	-6	-6
—	EARAT718008ERL	-8	-8	-8
—	EARAT718010ERL	-10	-10	-10
—	EARAT718012ERL	-12	-12	-12



Auto Crimp Collars

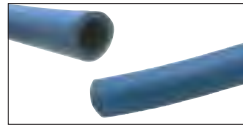
Required for use with the above Auto-Mate hose ends. Sold individually.

Blue Anodized Part No.	Ano-Tuff Part No.	Hose End	Hose Size
EAR798043ERL	EARAT798043ERL	-4	-4
EAR798063ERL	EARAT798063ERL	-6	-6
EAR798083ERL	EARAT798083ERL	-8	-8
EAR798103ERL	EARAT798103ERL	-10	-10
EAR798123ERL	EARAT798123ERL	-12	-12
EAR798163ERL	EARAT798163ERL	-16	-16



Super Stock Hose

Earl's Super Stock hose is a blue, high-quality synthetic rubber hose reinforced with an internal braided fabric sheath. For use with Earl's Super Stock hose ends only. Super Stock hose is rated at 250 PSI and 250°F, and is an excellent replacement for original equipment applications. Not for use with brake fluid. On applications where maximum temperature range is expected, compression of the Super Stock collar is required.

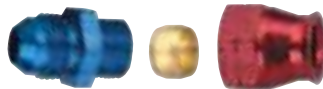


Hose Size	I.D.	O.D.	Max. Oper. Pressure	Min. Bend Radius	10 Ft. Length Part No.	20 Ft. Length Part No.
-6	3/8"	5/8"	250	3"	EAR791006ERL	EAR792006ERL
-8	1/2"	3/4"	250	5"	EAR791008ERL	EAR792008ERL
-10	5/8"	15/16"	250	6"	EAR791010ERL	EAR792010ERL

Super Stock Hose Ends

Super Stock hose ends are an attractive, lightweight direct replacement for the brass push-lock type. Available in many configurations, fittings are machined from aluminum alloy then anodized in red and blue. Use Super Stock hose ends with Earl's Super Stock hose (not intended for use with stainless braid protected hoses). Hose ends are a favorite with professional racers and in limited production stock applications. End collars may be compressed.

Part No.	AN Fitting Size	Hose No.	Hose Size
Straight			
EAR700167ERL	-6	-6	3/8"
EAR700109ERL	-8	-8	1/2"
EAR700111ERL	-10	-10	5/8"
EAR700113ERL	-12	-12	3/4"
45°			
EAR704667ERL	-6	-6	3/8"
EAR704609ERL	-8	-8	1/2"
EAR704611ERL	-10	-10	5/8"
EAR704613ERL	-12	-12	3/4"
90°			
EAR709167ERL	-6	-6	3/8"
EAR709109ERL	-8	-8	1/2"
EAR709111ERL	-10	-10	5/8"
EAR709113ERL	-12	-12	3/4"



Aluminum Tubing Adapters

Adapt AN fittings to aluminum tubing.

Standard Part No.	Ano-Tuff Part No.	Hose End Size	Tube Size
EAR165056ERL	EARAT165056ERL	-6 Male	5/16"
EAR165064ERL	EARAT165064ERL	-6 Male	1/4"
EAR165006ERL	EARAT165006ERL	-6 Male	3/8"
EAR165086ERL	EARAT165086ERL	-8 Male	3/8"
EAR165008ERL	—	-8 Male	1/2"
EAR165010ERL	—	-10 Male	5/8"
EAR165156ERL	—	-6 Female	5/16"
EAR165106ERL	—	-6 Female	3/8"
EAR165108ERL	—	-8 Female	1/2"
EAR165110ERL	—	-10 Female	5/8"

Aluminum AN to AN Adapters Union Male

Steel Part No.	Standard Part No.	Ano-Tuff Part No.	Fitting Size
EAR961503ERL	EAR981503ERL	—	-3
EAR961504ERL	EAR981504ERL	EARAT981504ERL	-4
—	EAR981506ERL	EARAT981506ERL	-6
—	EAR981508ERL	EARAT981508ERL	-8
—	EAR981510ERL	EARAT981510ERL	-10
—	EAR981512ERL	EARAT981512ERL	-12
—	EAR981516ERL	EARAT981516ERL	-16



Aluminum AN to AN Adapters (Cont.)

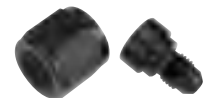
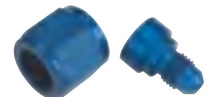
Union Reducer

Large Fitting Size	Small Fitting Size	Standard Part No.	Ano-Tuff Part No.
-4	-3	EAR991902ERL	EARAT991902ERL
-6	-4	EAR991906ERL	—
-6	-5	EAR991907ERL	EARAT991907ERL
-8	-6	EAR991912ERL	EARAT991912ERL
-10	-6	EAR991914ERL	EARAT991914ERL
-10	-8	EAR991915ERL	EARAT991915ERL
-12	-6	EAR991918ERL	—
-12	-8	EAR991919ERL	EARAT991919ERL
-12	-10	EAR991920ERL	EARAT991920ERL
-16	-10	EAR991922ERL	EARAT991922ERL
-16	-12	EAR991923ERL	EARAT991923ERL



Flare Reducers

Female Fitting Size	Male Fitting Size	Standard Part No.	Ano-Tuff Part No.
-6	-4	EAR9892064ERL	EARAT9892064ERL
-8	-4	EAR9892084ERL	EARAT9892084ERL
-8	-6	EAR9892086ERL	EARAT9892086ERL
-10	-4	EAR9892104ERL	EARAT9892104ERL
-10	-6	EAR9892106ERL	EARAT9892106ERL
-10	-8	EAR9892108ERL	EARAT9892108ERL
-12	-6	EAR9892126ERL	EARAT9892126ERL
-12	-8	EAR9892128ERL	EARAT9892128ERL
-12	-10	EAR9892120ERL	EARAT9892120ERL
-16	-10	EAR9892160ERL	—
-16	-12	EAR9892162ERL	EARAT9892162ERL



AN Reducer, O-Ring

Standard Part No.	Female Fitting Size	Male Fitting Size
EAR989443ERL	-4	-3
EAR989464ERL	-6	-4
EAR989486ERL	-8	-6
EAR989404ERL	-10	-8
EAR989409ERL	-12	-8
EAR989410ERL	-12	-10
EAR989411ERL	-16	-12



Female to Male Expanders **NEW!**

Female Fitting Size	Male Fitting Size	Standard Part No.
-6	-8	EAR9893068ERL
-8	-10	EAR9893810ERL



Tee

Fitting Size	Standard Part No.	Ano-Tuff Part No.
-3	EAR962403ERL*	—
-3	EAR982403ERL	EARAT982403ERL
-4	EAR982403ERL	—
-4	EAR962404ERL*	EARAT982404ERL
-6	EAR982406ERL	EARAT982406ERL
-8	EAR982408ERL	EARAT982408ERL
-10	EAR982410ERL	EARAT982410ERL
-12	EAR982412ERL	—



* Steel part

90° Elbow

Part No.	Fitting Size
EAR982104ERL	-4
EAR982106ERL	-6
EAR982108ERL	-8
EAR982110ERL	-10



Aluminum AN to AN Adapters Port Adapters (O-Ring Seal)

Available in traditional blue anodized aluminum or Ano-Tuff black hard anodized aluminum finishes. An O-ring is included.

Standard Part No.	Ano-Tuff Part No.	AN Size	Port Thread
EAR985064ERL	EARAT985064ERL	-6	-4
EAR985006ERL	EARAT985006ERL	-6	-6
EAR985068ERL	EARAT985068ERL	-6	-8
EAR985086ERL	EARAT985086ERL	-8	-6
EAR985008ERL	EARAT985008ERL	-8	-8
EAR985081ERL	EARAT985081ERL	-8	-10
EAR985009ERL	EARAT985009ERL	-10	-8
EAR985010ERL	EARAT985010ERL	-10	-10
EAR985011ERL	EARAT985011ERL	-10	-12
EAR985013ERL	EARAT985013ERL	-12	-10
EAR985012ERL	EARAT985012ERL	-12	-12



Straight Bulkhead

Fitting Size	Standard Part No.	Ano-Tuff Part No.
-3	EAR963203ERL*	—
-3	EAR983203ERL	EARAT983203ERL
-4	EAR983204ERL	EARAT983204ERL
-6	EAR983206ERL	EARAT983206ERL
-8	EAR983208ERL	EARAT983208ERL
-10	EAR983210ERL	EARAT983210ERL
-12	EAR983212ERL	EARAT983212ERL
-16	EAR983216ERL	EARAT983216ERL

* Steel part

45° Bulkhead

Fitting Size	Standard Part No.	Ano-Tuff Part No.
-3	EAR983703ERL	EARAT983703ERL
-4	EAR983704ERL	EARAT983704ERL
-6	EAR983706ERL	EARAT983706ERL
-8	EAR983708ERL	EARAT983708ERL
-10	EAR983710ERL	EARAT983710ERL
-12	EAR983712ERL	EARAT983712ERL



90° Bulkhead

Fitting Size	Steel Part No.	Standard Part No.	Ano-Tuff Part No.
-3	EAR963303ERL	EAR983303ERL	EARAT983303ERL
-4	—	EAR983304ERL	EARAT983304ERL
-6	—	EAR983306ERL	EARAT983306ERL
-8	—	EAR983308ERL	EARAT983308ERL
-10	—	EAR983310ERL	EARAT983310ERL
-12	—	EAR983312ERL	EARAT983312ERL



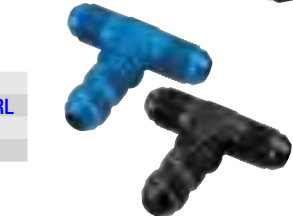
Bulkhead Tee

Fitting Size	Standard Part No.	Ano-Tuff Part No.
-3	EAR963403ERL*	—
-3	EAR983403ERL	EARAT983403ERL
-4	EAR983404ERL	—
-6	EAR983406ERL	—

* Steel part

Bulkhead Tee On Run

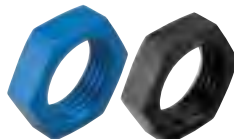
Fitting Size	Standard Part No.	Steel Part No.
-3	EAR980403ERL	EAR960403ERL
-4	EAR980404ERL	—



Bulkhead Nut

Fitting Size	Quantity Per Pkg.	Standard Part No.	Ano-Tuff Part No.
-3	2	EAR502403ERL*	—
-3	2	EAR592403ERL	EARAT592403ERL
-4	2	EAR502404ERL*	—
-4	2	EAR592404ERL	EARAT592404ERL
-6	2	EAR592406ERL	EARAT592406ERL
-8	1	EAR992408ERL	EARAT992408ERL
-10	1	EAR992410ERL	EARAT992410ERL
-12	1	EAR992412ERL	EARAT992412ERL
-16	1	EAR992416ERL	EARAT992416ERL

* Steel part



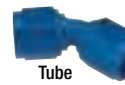
Straight Female AN Swivel Coupling

Hose End Size	Standard Part No.	Ano-Tuff Part No.
-3	EAR915103ERL	EARAT915103ERL
-4	EAR915104ERL	EARAT915104ERL
-6	EAR915106ERL	EARAT915106ERL
-8, -6	EAR915186ERL	EARAT915186ERL
-8	EAR915108ERL	EARAT915108ERL
-10	EAR915110ERL	EARAT915110ERL
-12	EAR915112ERL	EARAT915112ERL
-16	EAR915116ERL	EARAT915116ERL
-20	—	EARAT915120ERL



45° Female AN Swivel to Female AN Swivel

Hose End Size	Std. Low-Profile Part No.	Ano-Tuff Low-Profile Part No.	Standard Tube Part No.	Low Profile Ano-Tuff Tube Part No.
-4	—	—	EAR939204ERL	EARAT939204ERL
-6	EAR939106ERL	EARAT939106ERL	EAR939206ERL	EARAT939206ERL
-8	EAR939108ERL	EARAT939108ERL	EAR939208ERL	EARAT939208ERL
-10	—	EARAT939110ERL	EAR939210ERL	EARAT939210ERL
-12	—	EARAT939112ERL	—	—



90° Female AN Swivel to Female AN Swivel

Hose End Size	Std. Low-Profile Part No.	Ano-Tuff Low-Profile Part No.	Low Profile Std. Tube Part No.	Ano-Tuff Tube Part No.
-3	EAR934103ERL	EARAT934103ERL	EAR935103ERL	EARAT935103ERL
-4	EAR934104ERL	EARAT934104ERL	EAR935104ERL	EARAT935104ERL
-6	EAR934106ERL	EARAT934106ERL	EAR935106ERL	EARAT935106ERL
-8	EAR934108ERL	EARAT934108ERL	EAR935108ERL	EARAT935108ERL
-10	EAR934110ERL	EARAT934110ERL	EAR935110ERL	EARAT935110ERL
-12	EAR934112ERL	EARAT934112ERL	EAR935112ERL	EARAT935112ERL
-16	EAR934116ERL	EARAT934116ERL	EAR935116ERL	EARAT935116ERL



AN Tee Female Swivel on Side

Hose End Size	Standard Part No.	Ano-Tuff Part No.
-3	EAR925103ERL	EARAT925103ERL
-4	EAR925104ERL	EARAT925104ERL
-6	EAR925106ERL	EARAT925106ERL
-8	EAR925108ERL	EARAT925108ERL
-10	EAR925110ERL	EARAT925110ERL
-12	EAR925112ERL	EARAT925112ERL



AN Tee Female Swivel on Run

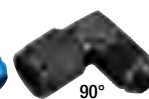
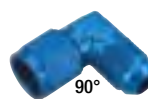
Hose End Size	Standard Part No.	Ano-Tuff Part No.
-3	EAR926103ERL	EARAT926103ERL
-4	EAR926104ERL	EARAT926104ERL
-6	EAR926106ERL	EARAT926106ERL
-8	EAR926108ERL	EARAT926108ERL
-10	EAR926110ERL	EARAT926110ERL
-12	EAR926112ERL	EARAT926112ERL



AN Female Swivel to Male AN

Hose End Size	Standard 90° Part No.	Ano-Tuff 90° Part No.	Standard 45° Part No.	Ano-Tuff 45° Part No.
-3	EAR966303ERL*	—	—	—
-3	EAR921103ERL	EARAT921103ERL	EAR924103ERL	EARAT924103ERL
-4	EAR966304ERL*	—	—	—
-4	EAR921104ERL	EARAT921104ERL	EAR924104ERL	EARAT924104ERL
-6	EAR921106ERL	EARAT921106ERL	EAR924106ERL	EARAT924106ERL
-8	EAR921108ERL	EARAT921108ERL	EAR924108ERL	EARAT924108ERL
-10	EAR921110ERL	EARAT921110ERL	EAR924110ERL	EARAT924110ERL
-12	EAR921112ERL	EARAT921112ERL	EAR924112ERL	EARAT924112ERL

* Steel part.



Aluminum AN to AN Adapters (Cont.)

Tube Nut

Standard Part No.	Ano-Tuff Part No.	Fitting Size	Tube Size	Qty. Per Pkg.
EAR561803ERL*	—	-3	3/16"	2
EAR581803ERL	EARAT581803ERL	-3	3/16"	2
EAR581804ERL	EARAT581804ERL	-4	1/4"	2
EAR581806ERL	EARAT581806ERL	-6	3/8"	2
EAR981808ERL	EARAT981808ERL	-8	1/2"	1
EAR981810ERL	EARAT981810ERL	-10	5/8"	1

* Steel Part

Tube Sleeve

Standard Part No.	Ano-Tuff Part No.	Quantity Per Pkg.	Fitting Size	Tube Size
EAR561903ERL*	—	2	-3	3/16"
EAR581903ERL	EARAT581903ERL	2	-3	3/16"
EAR561904ERL*	—	2	-4	1/4"
EAR581904ERL	EARAT581904ERL	2	-4	1/4"
EAR561906ERL*	—	2	-6	3/8"
EAR581906ERL	EARAT581906ERL	2	-6	3/8"
EAR981908ERL	EARAT981908ERL	1	-8	1/2"
EAR981910ERL	EARAT981910ERL	1	-10	5/8"

* Steel Part

Caps and Plugs

Fitting Size	Quantity Per Pkg.	Standard Part No.	Ano-Tuff Part No.
AN Caps			
-3	2	EAR592903ERL	EARAT592903ERL
-4	2	EAR592904ERL	EARAT592904ERL
-6	2	EAR592906ERL	EARAT592906ERL
-8	1	EAR992908ERL	EARAT992908ERL
-10	1	EAR992910ERL	EARAT992910ERL
-12	1	EAR992912ERL	EARAT992912ERL
-16	1	EAR992916ERL	EARAT992916ERL
AN Plugs			
-3	2	EAR580603ERL	EARAT580603ERL
-4	2	EAR580604ERL	EARAT580604ERL
-6	2	EAR580606ERL	EARAT580606ERL
-8	1	EAR980608ERL	EARAT980608ERL
-10	1	EAR980610ERL	EARAT980610ERL
-12	1	EAR980612ERL	EARAT980612ERL
-16	1	EAR980616ERL	—

Port Plug with O-Ring

Fitting Size	Quantity Per Pkg.	Standard Part No.	Ano-Tuff Part No.
-6	2	EAR581406ERL	EARAT581406ERL
-8	1	EAR981408ERL	EARAT981408ERL
-10	1	EAR981410ERL	EARAT981410ERL
-12	1	EAR981412ERL	EARAT981412ERL
-16	1	EAR981416ERL	EARAT981416ERL

Aluminum Pipe Thread to AN Adapters

Available in standard blue anodized or Ano-Tuff black hard anodized finish.

Fitting Size	NPT Size	Standard Straight Part No.	Ano-Tuff Straight Part No.	Standard 45° Elbow Part No.	Ano-Tuff 45° Elbow Part No.	Standard 90° Elbow Part No.	Ano-Tuff 90° Elbow Part No.
-3	1/8"	EAR981603ERL	EARAT981603ERL	EAR982303ERL	—	EAR982203ERL	EARAT982203ERL
-4	1/8"	EAR981604ERL	EARAT981604ERL	EAR982304ERL	EARAT982304ERL	EAR982204ERL	EARAT982204ERL
-4	1/4"	EAR981644ERL	EARAT981644ERL	EAR982344ERL	EARAT982344ERL	EAR982244ERL	EARAT982244ERL
-4	3/8"	—	EARAT981646ERL	—	—	—	—
-6	1/8"	EAR981662ERL	EARAT981662ERL	EAR982362ERL	EARAT982362ERL	EAR982262ERL	EARAT982262ERL
-6	1/4"	EAR981606ERL	EARAT981606ERL	EAR982306ERL	EARAT982306ERL	EAR982206ERL	EARAT982206ERL
-6	3/8"	EAR981666ERL	EARAT981666ERL	EAR982366ERL	EARAT982366ERL	EAR982266ERL	EARAT982266ERL
-6	1/2"	EAR981668ERL	EARAT981668ERL	EAR982368ERL	EARAT982368ERL	EAR982268ERL	EARAT982268ERL
-8	1/4"	EAR981607ERL	EARAT981607ERL	EAR982307ERL	EARAT982307ERL	EAR982207ERL	EARAT982207ERL
-8	3/8"	EAR981608ERL	EARAT981608ERL	EAR982308ERL	EARAT982308ERL	EAR982208ERL	EARAT982208ERL
-8	1/2"	EAR981688ERL	EARAT981688ERL	EAR982388ERL	EARAT982388ERL	EAR982288ERL	EARAT982288ERL
-10	3/8"	EAR981611ERL	EARAT981611ERL	EAR982311ERL	EARAT982311ERL	EAR982211ERL	EARAT982211ERL
-10	1/2"	EAR981610ERL	EARAT981610ERL	EAR982310ERL	EARAT982310ERL	EAR982210ERL	EARAT982210ERL
-10	3/4"	EAR981609ERL	EARAT981609ERL	EAR982309ERL	—	EAR982209ERL	EARAT982209ERL
-12	1/2"	EAR981613ERL	EARAT981613ERL	EAR982313ERL	EARAT982313ERL	EAR982213ERL	EARAT982213ERL
-12	3/4"	EAR981612ERL	EARAT981612ERL	EAR982312ERL	EARAT982312ERL	EAR982212ERL	EARAT982212ERL
-16	3/4"	EAR981615ERL	EARAT981615ERL	—	—	EAR982215ERL	EARAT982215ERL
-16	1"	EAR981616ERL	EARAT981616ERL	—	—	EAR982216ERL	—
-20	1-1/4"	EAR981620ERL	—	—	—	—	—

Straight AN Swivel to Male NPT

Hose End Size	NPT Thread Size	Standard Part No.	Ano-Tuff Part No.
-3	1/8"	EAR916103ERL	EARAT916103ERL
-4	1/8"	EAR916104ERL	EARAT916104ERL
-4	1/4"	EAR916144ERL	EARAT916144ERL
-6	1/8"	EAR916162ERL	EARAT916162ERL
-6	1/4"	EAR916106ERL	EARAT916106ERL
-6	3/8"	EAR916166ERL	EARAT916166ERL
-8	1/4"	EAR916107ERL	EARAT916107ERL
-8	3/8"	EAR916108ERL	EARAT916108ERL
-8	1/2"	EAR916188ERL	EARAT916188ERL
-10	3/8"	EAR916111ERL	EARAT916111ERL
-10	1/2"	EAR916110ERL	EARAT916110ERL
-12	1/2"	—	EARAT916113ERL
-12	3/4"	—	EARAT916112ERL

90° Male AN to Male Swivel NPT

Hose End Size	NPT Thread Size	Standard Part No.	Ano-Tuff Part No.
-6	1/4"	EAR922106ERL	EARAT922106ERL
-6	3/8"	EAR922166ERL	EARAT922166ERL
-8	3/8"	EAR922108ERL	EARAT922108ERL
-8	1/2"	EAR922188ERL	EARAT922188ERL
-10	3/8"	EAR922111ERL	EARAT922111ERL
-10	1/2"	EAR92210ERL	EARAT92210ERL
-12	1/2"	EAR922113ERL	EARAT922113ERL

90° Female AN to Male Swivel NPT

Standard Part No.	Hose End Size	NPT Thread Size
EAR923103ERL	-3	1/8"
EAR923104ERL	-4	1/8"
EAR923106ERL	-6	1/4"
EAR923162ERL	-6	1/8"
EAR923166ERL	-6	3/8"
EAR923108ERL	-8	3/8"
EAR923188ERL	-8	1/2"
EAR923110ERL	-10	1/2"
EAR923111ERL	-10	3/8"

Aluminum NPT to AN Adapters (Cont.)

Tee

Hose End Size	NPT Thread Size	Standard Part No.	Ano-Tuff Part No.
NPT Thread On Side			
-3	1/8"	EAR962503ERL*	—
-3	1/8"	EAR982503ERL	EARAT982503ERL
-4	1/8"	EAR982504ERL	EARAT982504ERL
-6	1/4"	EAR982506ERL	EARAT982506ERL
-8	3/8"	EAR982508ERL	EARAT982508ERL
-10	1/2"	EAR982510ERL	EARAT982510ERL
NPT Thread On Run			
-3	1/8"	EAR962603ERL*	—
-3	1/8"	EAR982603ERL	EARAT982603ERL
-4	1/8"	EAR982604ERL	EARAT982604ERL
-6	1/4"	EAR982606ERL	EARAT982606ERL
-8	3/8"	EAR982608ERL	EARAT982608ERL
-10	1/2"	EAR982610ERL	—

* Steel Part.

Steel Pipe Thread to AN Adapters

Straight

Part No.	Hose End Size	NPT Thread Size
EAR961603ERL	-3	1/8"
EAR961604ERL	-4	1/8"
EAR961644ERL	-4	1/4"
EAR968804ERL*	-4	1/8"

* 1" extended oil pressure adapter

45° Elbow NEW!

Part No.	Hose End Size	NPT Thread Size
EAR962303ERL	-3	1/8"
EAR962304ERL	-4	1/8"

90° Elbow

Part No.	Hose End Size	NPT Thread Size
EAR962203ERL	-3	1/8"
EAR962204ERL	-4	1/8"

Gauge Head Adapters

Part No.	Description
EAR968603ERL	-3AN Male Fitting to Female 1/8" NPT, 90°
EAR968703ERL	-3AN Male Fitting to Female 1/8" NPT, Straight
EAR968604ERL	-4AN Male Fitting to Female 1/8" NPT, 90°
EAR968704ERL	-4AN Male Fitting to Female 1/8" NPT, Straight

EAR968603ERL

EAR968703ERL

Aluminum Pipe Thread Adapters

Reducer Pipe Bushing

Part No.	Female Pipe Thread Size	Male Pipe Thread Size
EAR991201ERL	1/8"	1/4"
EAR991202ERL	1/4"	3/8"
EAR991203ERL	1/8"	3/8"
EAR991204ERL	3/8"	1/2"
EAR991205ERL	1/4"	1/2"
EAR991206ERL	1/8"	1/2"
EAR991207ERL	1/2"	3/4"
EAR991208ERL	3/8"	3/4"
EAR991210ERL	3/4"	1"

Female Coupling

Part No.	Pipe Thread Size
EAR991001ERL	1/8"
EAR991002ERL	1/4"
EAR991003ERL	3/8"
EAR991004ERL	1/2"
EAR991006ERL	3/4"

Aluminum Pipe Thread Adapters

Male Nipple

Part No.	Pipe Thread Size	Part No.	Pipe Thread Size
EAR991101ERL	1/8"	EAR991104ERL	1/2"
EAR991102ERL	1/4"	EAR991106ERL	3/4"
EAR991103ERL	3/8"		

Internal/External Pipe Thread

Pipe Thread Size	Standard 90° Part No.	Ano-Tuff 90° Part No.	Standard 45° Part No.
1/8"	EAR991401ERL	EARAT991401ERL	EAR991501ERL
1/4"	EAR991402ERL	—	EAR991502ERL
3/8"	EAR991403ERL	—	EAR991503ERL

90° Elbow

Internal pipe thread.

Part No.	Pipe Thread Size
EAR991601ERL	1/8"
EAR991602ERL	1/4"
EAR991603ERL	3/8"

Tee

Internal pipe thread.

Part No.	Pipe Thread Size
EAR961701ERL*	1/8"
EAR991701ERL	1/8"
EAR991702ERL	1/4"
EAR991703ERL	3/8"

* Steel part.

NPT Plugs

Internal wrenching.

Pipe Thread Size	Quantity Per Pkg.	Standard Part No.	Ano-Tuff Part No.
1/16"	2	EAR593201ERL	EARAT593201ERL
1/8"	2	EAR593202ERL	EARAT593202ERL
1/4"	2	EAR593203ERL	EARAT593203ERL
3/8"	2	EAR593204ERL	EARAT593204ERL
1/2"	1	EAR993205ERL	EARAT993205ERL
3/4"	1	EAR993206ERL	—

NPT Hex Head Plug

Pipe Thread Size	Standard Part No.	Ano-Tuff Part No.
1/8"	EAR993301ERL	EARAT993301ERL
1/4"	EAR993302ERL	EARAT993302ERL
3/8"	EAR993303ERL	EARAT993303ERL
1/2"	EAR993304ERL	EARAT993304ERL
3/4"	EAR993306ERL	EARAT993306ERL

Hose Barb to Pipe Thread Adapters

Hose Size	NPT Size	Straight Part No.	45° Part No.	90° Part No.
1/4"	1/8"	EAR984004ERL	—	—
3/8"	1/4"	EAR984006ERL	EAR984406ERL	EAR984206ERL
1/2"	3/8"	EAR984008ERL	—	EAR984208ERL
5/8"	1/2"	EAR984010ERL	EAR984410ERL	EAR984210ERL
3/4"	3/4"	EAR984012ERL	—	EAR984212ERL

Billet Distribution Blocks NEW!

Utilizing a modern, compact design to ease plumbing, black anodized 6061-T6 aluminum distribution blocks include female AN O-ring ports. Incorporated wrench hex allows eased assembly and maintenance. O-ring port adapters sold separately.

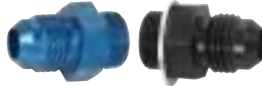
Part No.	Pipe Thread Size
EAR100160ERL	-8AN ORB to (2) -6AN OR
EAR100161ERL	-10AN ORB to (2) -8AN ORB
EAR100162ERL	-12AN ORB to (2) -10AN ORB

Forged Aluminum Y-Blocks **NEW!**

Ano-Tuff Part No.	Description
EARAT100172ERL	(1) -6AN Male to (2) -6AN Male
EARAT100173ERL	(1) -8AN Male to (2) -8AN Male
EARAT100175ERL	(1) -8AN Male to (2) -6AN Male



Carburetor, EFI, and Fuel Pump Adapters



Blue Anodized Part No.	Ano-Tuff Part No.	Thread Size	Hose End Size	Application
EAR9894DBHERL	—	14mm x 1.5	-6	EFI, O-Ring Seal, Male/Female
EAR991954ERL	—	14mm x 1.5	-6	EFI, O-Ring Seal, Male
EAR9894DBJERL	—	16mm x 1.5	-6	EFI, O-Ring Seal, Male/Female
EAR991942ERL	EARAT991942ERL	9/16"-24	-6	Single Inlet Holley
EAR991943ERL	EARAT991943ERL	7/8"-20	-6	Dual Feed Holley
EAR991946ERL	—	1/2"-20	-6	Fuel Pump
EAR991947ERL	EARAT991947ERL	5/8"-18	-6	Fuel Pump
EAR991948ERL	EARAT991948ERL	7/8"-20	-8	Dual Feed Holley
—	EARAT991958ERL	3/4"-16	-8	Dual Feed Holley
—	EARAT991959ERL	3/4"-16	-6	Dual Feed Holley

Power Steering Adapters **NEW!**

Standard Part No.	Ano-Tuff Part No.	Thread Size	Hose End Size
EAR991950ERL	—	11/16"-18	-6
EAR991955ERL	EARAT991955ERL	16mm x 1.5, O-Ring Seal	-6



Pressure Gauge Adapters

Description	Standard Part No.	Ano-Tuff Part No.
-6 Male to -6 Male, 1/8" NPT in Hex	EAR100192ERL	EARAT100192ERL
-6 Male to 1/4" NPT Male, 1/8" NPT in Hex	EAR100193ERL	—
-6 Male to 3/8" NPT Male, 1/8" NPT in Hex	EAR100194ERL	EARAT100194ERL
-8 Male to -8 Male, 1/8" NPT in Hex	EAR100196ERL	—
-8 Male to 1/4" NPT Male, 1/8" NPT in Hex	EAR100197ERL	—
-8 Male to 3/8" NPT Male, 1/8" NPT in Hex	EAR100198ERL	—
-6 Male to -6 Female, 1/8" NPT in Hex	EAR100199ERL	EARAT100199ERL
-8 Male to -8 Female, 1/8" NPT in Hex	EAR100200ERL	—
-4 Male to -4 Female, 1/8" NPT in Hex	EAR100201ERL	EARAT100201ERL



Fuel Pressure Gauges

Part No.	Description
EAR100189ERL	1/8" NPT Male, Oil Filled
EAR100195ERL	1/8" NPT Male



EAR100189ERL EAR100195ERL

Ano-Tuff Billet Dual Feed Fuel Line Kits

Dual-feed fuel line kits feature billet aluminum, hard anodized Ano-Tuff fittings with Pro-Lite 350 or stainless fuel line. Bowl fittings are contoured for maximum flow. Kits are offered for popular Holley 4150/4150 HP carburetors.



Part No.	Description
Kits for Holley 4150/4150HP with 7/8"-20 Bowl Fittings and 9-1/2" Center Distance	
EARAT101185ERL	Swivel-Seal Stainless Assembly, -6AN Single Inlet
EARAT101195ERL	Pro-Lite 350 Assembly, -6AN Single Inlet
EARAT101295ERL	Pro-Lite 350 Assembly, -8AN Single Inlet
EARAT101296ERL	Pro-Lite 350 Assembly, -8AN Dual Inlet
Kits for Holley All-Aluminum 4150 HP and Ultra HP with 3/4"-16 Bowl Fittings and 9-3/4" Center Distance	
EARAT104195ERL*	Pro-Lite 350 Assembly, -6AN Single Inlet
EARAT104295ERL*	Pro-Lite 350 Assembly, -8AN Single Inlet
EARAT104286ERL*	Swivel-Seal Stainless, -8AN Dual Inlet

* Fuel bowl fittings not included.

Speed-Seal Hose Ends

Hose ends are ideal for use with smooth bore PTFE hose as brake fittings.



Hose Size	Nut Size	Aluminum Part No.	Steel Part No.	Stainless Part No.
Straight				
-3	-3	EAR600133ERL	EAR600103ERL	EAR600193ERL
-4	-4	EAR600134ERL	EAR600104ERL	—
-6	-6	EAR600136ERL	—	EAR600196ERL
45° Adjustable Low Profile				
-3	-3	—	EAR604503ERL	—
90° Non-Adjustable Tube				
-3	-3	—	EAR609103ERL	—
-4	-4	—	EAR609104ERL	—
90° Adjustable Tube				
-3	-3	EAR609233ERL	—	EAR609293ERL
-4	-4	EAR609234ERL	—	—
-6	-6	EAR609236ERL	—	—
-3	-3	—	EAR609003ERL	EAR609093ERL

Speed-Seal Hose End to Banjo Bolt **NEW!**



Hose Size	Bolt Size	Straight Part No.	30° Part No.	45° Part No.	90° Part No.
-3	3/8"/10mm	EAR600703ERL	EAR600803ERL	EAR601603ERL	EAR601503ERL

Brake Adapter Fittings

EAR989532ERL



Part No.	Quantity Per Pkg.	Thread Size
EAR177101ERL	10	1.0mm Metric Copper Crush Washers NEW!
EAR581531ERL	2	-3AN to 3/8"-24 I.F. Short
EAR581533ERL	2	-3AN to 3/8"-24 I.F. Long
EAR591932ERL	2	-3AN to 7/16"-24 I.F.
EAR591941ERL	2	-4AN to 7/16"-20 I.F.
EAR591942ERL	2	-4AN to 7/16"-24 I.F.
EAR591972ERL	2	-4AN to 3/8"-24 I.F. Short
EAR591982ERL	2	-4AN to 3/8"-24 I.F. Long
EAR592032ERL	2	-3AN to 10mm x 1.0
EAR592042ERL	2	-4AN to 10mm x 1.0
EAR592053ERL*	2	-3AN to M12x1.00mm Uniflare NEW!
EAR592054ERL*	2	-4AN to M12x1.00mm Uniflare NEW!
EAR699030ERL	1	-3AN Replacement Olive for Speed-Seal Hose End Junction Block, Two 3/8"-24 I.F. Ports,
EAR972050ERL	1	One 3/8"-24 Straight on Branch, 1/4" Mtg. Hole Junction Block,
EAR972052ERL	1	Three 3/8"-24 I.F. Ports, 7/16" Mtg. Hole
EAR972054ERL	1	Junction Block "T", 3/8"-24 I.F.
EAR989532ERL	1	-4AN to 3/8"-24 Female I.F.
EAR989534ERL	1	-3AN to Female 10mm x 1.0
EAR989543ERL	1	-3AN to 3/8"-24 Female I.F.
EAR989545ERL	1	-3AN to 10mm x 1.0 I.F.
EAR989548ERL	1	-4AN to 7/16"-24 I.F.
EAR989549ERL	1	-3AN to 7/16"-24 I.F.

Note: I.F. signifies inverted flare fitting.

* Uniflare fits both bubble and inverted flare.

Banjo Fittings

Part No.	Description	Thread Size	Hole Dia.
EAR977503ERL	Banjo Bolt	3/8"-24	3/8"
EAR977504ERL	Banjo Bolt	7/16"-20	7/16"
EAR977515ERL	Banjo Bolt	10mm x 1.25	10mm
EAR977517ERL	Banjo Bolt	10mm x 1.0	10mm
EAR977520ERL*	Banjo Bolt	10mm x 1.5	10mm
EAR977522ERL	Banjo Bolt	7/16"-24	7/16"
EAR997503ERL	Banjo Bolt, 8mm Tall	3/8"-24 Single	3/8"
EAR997517ERL	Banjo Bolt, 8mm Tall	10mm x 1.0	10mm
EAR997603ERL	Banjo	-3AN	3/8"
EAR997604ERL	Banjo	-4AN	7/16"
EAR997631ERL	Banjo	-3AN	10mm
EAR997634ERL	Banjo	-3AN	7/16"
EAR997641ERL	Banjo	-4AN	10mm
EAR997643ERL	Banjo	-4AN	3/8"



Banjo Bolt



Banjo

* Fits GM metric caliper.



Aluminum and Steel Weld Fittings

Aluminum Part No.	Steel Part No.	Size
Male AN		
EAR997104ERL	EAR967104ERL	-4AN
EAR997106ERL	EAR967106ERL	-6AN
EAR997108ERL	EAR967108ERL	-8AN
EAR997110ERL	EAR967110ERL	-10AN
EAR997112ERL	EAR967112ERL	-12AN
EAR997116ERL	EAR967116ERL	-16AN
EAR997120ERL	—	-20AN
Female AN		
EAR987106ERL	—	-6AN
EAR987108ERL	—	-8AN
EAR987110ERL	—	-10AN
EAR987112ERL	—	-12AN
EAR987116ERL	—	-16AN
Female NPT		
EAR996701ERL	—	1/8" NPT
EAR996702ERL	—	1/4" NPT
EAR996703ERL	—	3/8" NPT
EAR996704ERL	—	1/2" NPT
EAR996706ERL	—	3/4" NPT



EAR997110ERL



EAR987108ERL



EAR996702ERL

Crush Washers

Required with straight threaded adapter fittings or ports without O-ring relief.

Part No.	Package Qty.	Fitting Size	I.D.
EAR177003ERL	10	-3	3/8"
EAR177004ERL	10	-4	7/16"
EAR177006ERL	10	-6	9/16"
EAR177008ERL	5	-8	3/4"
EAR177010ERL	5	-10	7/8"



O-Rings

Buna N O-rings are compatible with most fuels and lubricants up to 275°F, while Viton O-rings can handle synthetic lubricants, oxygen-bearing fuels, additives, and non-ether brake fluids, at temperatures up to 400°F.

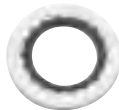
Viton Part No.	Buna N Part No.	Package Qty.	Fitting Size
EAR176106ERL	EAR176006ERL	10	-6
EAR176108ERL	EAR176008ERL	10	-8
EAR176110ERL	EAR176010ERL	5	-10
EAR176112ERL	EAR176012ERL	5	-12
—	EAR176016ERL	5	-16



Stat-O-Seals

Synthetic rubber O-ring is mechanically locked to the I.D. of an aluminum washer. Compresses when tightening, forcing the sealing surfaces around the bolt shank. Temperature range of -85°F to 450°F. Two per pack.

Part No.	Inside Dia.	Part No.	Inside Dia.
EAR178005ERL	5/16"	EAR178009ERL	9/16"
EAR178006ERL	3/8"	EAR178010ERL	5/8"
EAR178007ERL	7/16"	EAR178012ERL	3/4"
EAR178008ERL	1/2"	EAR178014ERL	7/8"



EZ-Beader Tubing Beader

Required when joining flexible hose to rigid tubing, specialized tool provides a perfectly positioned radius bead on aluminum tubing with .035"-.065" wall thickness.

Part No.	Tube O.D.
EAR008ERL	3/8"
EAR009ERL	1/2"
EAR010ERL	5/8"
EAR011ERL	3/4"
EAR013ERL	1-1/4"
EAR014ERL	1-1/2" NEW!



4" Aluminum Vise Soft Jaws **NEW!**

EAR100188ERL

Soft jaws secure and protect hose ends during assembly, preventing damage or scratches. Black anodized.



Shut-Off Valves

350 PSI-max valves are ideal for use as emergency fuel shut-off valves, anti-theft devices, or as drain valves.

Part No.	Inlet Size	Outlet Size	Overall Length	Body Material
EAR230501ERL	3/8" NPT Female	3/8" NPT Female	1-3/4"	Chrome Plated Brass
EAR230502ERL	3/8" NPT Female	-6AN Bulkhead	2-3/4"	Red Anodized Aluminum
EAR230503ERL	3/8" NPT Female	-8AN Bulkhead	2-3/4"	Red Anodized Aluminum
EAR230504ERL	1/2" NPT Female	1/2" NPT Female	2-1/4"	Chrome Plated Brass
EAR230505ERL	1/2" NPT Female	-10AN Bulkhead	2-3/4"	Red Anodized Aluminum
EARAT230505ERL	1/2" NPT Female	-10AN Bulkhead	2-3/4"	Black/Ano-Tuff Aluminum



Check Valves **NEW!**

Billet aluminum housed units feature reinforced Viton seals that are unaffected by most fuels or lubricants. Choose from standard red anodized or UltraPro pewter anodized units that include stainless steel hinged doors and GF-600S Viton seals.

Description	Std. Red Anodized Part No.	UltraPro Part No.
-8AN Check Valve	EAR251008ERL	EAR253008ERL
-10AN Check Valve	EAR251010ERL	EAR253010ERL



In-Line Fuel Filters

Anodized aluminum fuel filters include sintered bronze 35- or 85-micron elements. Filters are 3-1/2" long x 1-1/8" diameter. Choose from blue or black, Ano-Tuff finished.



Description	Standard Part No.	Ano-Tuff Part No.	Rep. Element Part No.
5/16" to 3/8" Hose Barb, 35-Micron Element	EAR230103ERL	—	EAR230107ERL
-6AN Male Ends, 35-Micron Element	EAR230106ERL	EARAT230106ERL	EAR230107ERL
-8AN Male Ends, 35-Micron Element	EAR230108ERL	—	EAR230107ERL
-6AN Male Ends, 85-Micron Element	—	EARAT230206ERL	—

In-Line Fuel and Oil Filters

Billet aluminum 2-3/4" long x 1" dia. fuel and oil filters are fitted with cleanable screen-type elements. Blue anodized fuel filters use 85-micron elements, while red anodized oil filter units include 140-micron elements.



Description	Blue Fuel Filter Part No.	Red Oil Filter Part No.
-6AN Male Ends	EAR230206ERL	EAR230306ERL
-8AN Male Ends	EAR230208ERL	EAR230308ERL
-10AN Male Ends	EAR230210ERL	EAR230310ERL



Small Block Chevy Performance Manifolds

Performer (Idle-5500 RPM)

One of the most popular small block Chevy manifolds. Perfect for street stock engines where good torque is needed at lower RPM. Dual-plane manifolds accept stock Quadrajets and square flange carbs.



Part No.	Description
EDE2101	Performer, for 1955-86 Iron Cylinder Heads and 1987-95 Aluminum Heads
EDE2104	Performer, for 1987-95 Cast Iron Cylinder Heads
EDE2116*	Performer, Vortec, for 1996-Up Cylinder Heads

* IMCA approved

Performer Air-Gap (Idle-5500 RPM)

Intake's high-velocity runners are isolated from the bottom of the manifold to create a cooler, denser air/fuel charge for excellent bottom-end torque and throttle response.



Part No.	Description
EDE2601	Performer Air-Gap, for 1955-86 Iron Cylinder Heads and 1987-95 Aluminum Heads
EDE2604	Performer Air-Gap, for 1987-95 Cast Iron Cylinder Heads

Performer RPM (1500-6500 RPM)

Dual-plane manifold for 1955-86 small block Chevys delivers a broad torque curve and excellent throttle response. Compatible with late model water neck and HEI. The EDE7101 manifold will fit cast iron Bowtie heads, but will not fit 1987-up heads. Late-style EDE7116 manifold fits all 1996-up small block engines with Vortec cylinder heads. Manifolds have no provision for EGR.



Part No.	Description
EDE7101	For 1955-86 Cylinder Heads
EDE7116	Vortec, for 1996-Up Cylinder Heads

RPM Air-Gap (1500-6500 RPM)

Award-winning small block Chevy manifold uses an open air space to separate the runners from the hot engine oil beneath the manifold for a cooler, denser air charge. Manifold has rear water outlets and two distributor clamp locations.



Part No.	Description
EDE7501	For 1955-86 Engines
EDE75013	For 1955-86, Black Powdercoated NASCAR Edition
EDE7516	Vortec, for 1996-Up Engines

Torker II (2500-6500 RPM)

EDE5001

Single-plane manifold delivers substantial mid-range torque and upper RPM horsepower and fits all 1955-86 small block Chevy engines. Accepts late model water neck, alternator, and HEI. Will not fit Corvette or 1987-up aluminum or cast iron heads. Will not cover port openings of Bowtie or LT1 cylinder heads.



Small Block Ford Performance Manifolds

Performer (Idle-5500 RPM)

Manifolds can supply small block Ford-powered street stock cars with maximum bottom-end torque, horsepower, and throttle response. Manifolds have no provision for EGR.



Part No.	Description
EDE2121	Performer, for 289/302
EDE2181	Performer, for 351W

Performer RPM (1500-6500 RPM)

Dual-plane manifolds are engineered to produce exceptional high-RPM power while retaining throttle response for engines with aftermarket or modified cylinder heads and exhaust headers. Manifolds have no provision for EGR.



Part No.	Description
EDE7121	Performer RPM, for 289/302
EDE7181*	Performer RPM, for 351W

* IMCA Approved

RPM Air-Gap (1500-6500 RPM)

Incorporates unique, open-air design which isolates the runners from the bottom of the manifold to create a cooler, denser air/fuel charge. Large runners and tall carb mounting flange are compatible with large displacement Windsor engines. Manifolds have no provision for EGR.



Part No.	Description
EDE7521	For 289-302
EDE75213	For 289-302, Black Powdercoated NASCAR Edition
EDE7581	For 351W

Torker II (2500-6500 RPM)

Single-plane manifold is engineered for small block Ford Windsor engines with modified stock or aftermarket cylinder heads. Manifolds have no provision for EGR.



Part No.	Description
EDE5021	Torker II, for 289/302
EDE5081	Torker II, for 351W

Victor Series Intake Manifolds

Manifolds include extra material for port matching, stock height distributor pads, standard square bore carburetor flanges, reliefs at right front for dry sump "pressure in" lines, and are drilled and threaded for a water crossover.

Small Block Chevy

Victor Jr. Sportsman 2V (3500-7000 RPM)

EDE2901

Manifold provides excellent torque, horsepower, and fuel distribution for 2bbl. carbureted engines. Manifold has an extra-tall carb pad to eliminate spacers. Port exits match iron Bowtie heads.



Edelbrock

Victor Series Intake Manifolds - Cont. Small Block Chevy

Victor Jr. (3500-8000 RPM)

Delivers maximum horsepower to engines with standard-port iron or aluminum cylinder heads. The EDE2975 has a low profile and is for use with carb spacers. When carb spacers are prohibited, the 1" taller EDE2999 is recommended. The EDE2900 has fully blended port exits.



Part No.	Description
EDE2975	Victor Jr.
EDE2900	Victor Jr., Port Matched
EDE2999	Victor Jr., 1" Taller

Super Victor (3500-8000 RPM)

Manifolds with "line-of-sight" flow paths provide maximum torque and horsepower up to 8,000 RPM. The EDE2925 intake is 1" taller than Victor Jr. EDE2975 to work with the latest 23° cylinder heads. The EDE2913 is the most efficient intake available for Vortec or Edelbrock's E-Tec cylinder heads.



Part No.	Description
EDE2925	For 23° Cylinder Heads
EDE2913	For Vortec Cylinder Heads

Super Victor II (4000-8000 RPM)

EDE2892

Engineered for high-flow, 23° cylinder heads used on large cubic inch applications, the Super Victor II incorporates modern casting techniques for smooth, thin, and extended divider walls. The runners are 25% larger than the Super Victor EDE2925 and the port exits match the Fel-Pro 1206 intake gasket. Manifold accepts popular 4150 series carburetors.



Super Victor Vortec Bowtie (4000-8000 RPM)

EDE2814

Engineered specifically for use with GM Vortec Bowtie cylinder heads, manifold includes a raised runner design and matches the port shape and location of these heads. Manifold includes a 6-bolt pattern and features a 7/8" taller carb pad compared to previous design EDE2926.



Super Victor LS1 (3500-8000 RPM)

EDE28097

Accepted by NASCAR for use in the Busch GN East/West series, GM LS-series single-plane design manifold delivers greater air flow potential to carbureted or competition EFI applications. The carb mount pad is 1.12" taller compared to the Victor Jr. LS1 and the port exits are enlarged to 1.08" x 2.74". Manifold is compatible with EDE3878 throttle body, square-bore EFI elbows, or any 4150-series carburetors.



Victor Series Intake Manifolds - Cont.

Super Victor LS3 (3500-7500 RPM) **NEW!** EDE2826

Carbureted, 4150-flanged intake manifold is engineered for GM LS Gen. IV engines that are fit with LS3 cylinder heads and operate in the 3,500-7,500 RPM range. Capable of supplying air flow to engines with 700+ horsepower, single-plane manifold features 24% larger, tapered runners and a larger plenum than the Victor Jr. EDE28457. A carburetor mounted-style throttle bracket is recommended.



Super Victor LS7 **NEW!** EDE2887

Single-plane, 4150-flanged intake manifold is designed for GM LS Gen. IV engines fitted with LS7 or Edelbrock Pro-Port Victor Jr. cylinder heads. Manifold is .750" taller than Edelbrock LS3 Super Victor intakes and is capable of supplying sufficient air flow to engines with up to 750 horsepower.



Small Block Ford

Victor Jr. (3500-7500 RPM)

Engineered for competition use on Windsor-based engines equipped with Performer RPM, Victor Jr., Victor, or other aftermarket cylinder heads. Large runner manifold delivers outstanding high-RPM horsepower.



Part No.	Description
EDE2921	Victor Jr., for 289/302
EDE2981	Victor Jr., for 351W OEM, 9.5" Deck Height

Super Victor 351W (4500-8500 RPM)

Runners have more than 3 sq. in. of cross-sectional area and may be used with ported factory, Victor, or Victor Jr. cylinder heads on large-displacement or high-RPM engines.



Part No.	Description
EDE2924	Standard 351W 9.5" Deck Ht. Blocks

Intake Manifold Gaskets

Gaskets are matched to Edelbrock Performer and Performer RPM cylinder heads and have silicone beads surrounding each port for exceptional sealing and vacuum leak protection.



Part No.	Application	Port Size	Thickness
EDE7201	SB Chevy, Pre-1987 302-400	1.28" x 2.09"	.060"
EDE7235	SB Chevy Vortec	1.08" x 2.11"	.120"
EDE7220	SB Ford, 1963-96 289-302 (Except Boss); 1982-96 351W	1.20" x 2.00"	.060"

Gasgacinch EDE9300

Gasgacinch ensures proper sealing of gaskets used in a manifold installation. Also effective on water pump, oil pan, and valve cover gaskets. 4-oz. container.



Ground
Shipment
Only



Small Block Chevy Cylinder Heads

Victor Jr. 23°

Large 215cc runner heads have the potential to provide up to 580 horsepower, while larger 220cc intake runner heads include the addition of CNC-ported chambers and bowls for even greater horsepower. Heads accept standard valve train components and are available for flat tappet or mechanical roller applications. Sold individually as fully assembled castings.



Part No.	Description	Intake Valve	Exhaust Valve	Chamber Volume	Intake Volume
EDE77589	Victor Jr. 23°, Flat Tappet	2.08"	1.60"	64cc	215cc
EDE61255	Victor Jr. 23°, Flat Tappet	2.10"	1.60"	64cc	220cc
EDE61259	Victor Jr. 23°, Mech. Roller	2.10"	1.60"	64cc	220cc

E-CNC EDE61205

Small block Chevy aluminum cylinder heads boast fully CNC-machined intake ports, exhaust ports, and combustion chambers for superior flow and improved performance. Features stock 23° valve angle, and are designed for use with 1986 and earlier intake manifolds. Sold individually, fully assembled heads are suitable for use with mechanical roller camshafts that have up to .575" valve lift.



Part No.	Description	Intake Valve	Exhaust Valve	Chamber Volume	Intake Volume
EDE61205	E-CNC 225cc Cyl. Head, Assembled	2.10"	1.60"	70cc	225cc

LS3 Victor Jr. Cylinder Head **NEW!**

EDE61349

GM LS3 aluminum cylinder head is an all-new design that delivers subtle changes for improved flow and combustion. Larger, canted 2.20" dia. intake valves make the cylinder head capable of 600+ horsepower. Head additionally includes fully CNC-machined intake runners, combustion chambers and exhaust runners, result in nearly 400 CFM of peak intake flow, while remaining fully compatible with OEM-style rocker arms, intake and exhaust manifolds. Sold individually, fully assembled with stainless 2.20" intake and 1.60" exhaust valves.



Part No.	Description	Combustion Chamber Volume	Intake Port Volume
EDE61349	LS3 Cylinder Head	69cc	280cc

Small Block Ford Cylinder Heads

Victor Jr. 20° Race

This cylinder head is affordable and can provide up to 500 horsepower out of the box, thanks to the large 210cc intake and .130" raised exhaust ports. Ports, spark plugs, and valves are all in the stock location for easy compatibility with headers, manifolds, and valve train components. Port entries are gasket-matched and valve bowls are blended. Stainless steel 2.05" intake and 1.60" exhaust valves have undercut valve stems and are fitted in bronze wall guides. Sold individually.



Part No.	Description	Combustion Chamber Volume	Intake Port Volume
EDE77169	Victor Jr., Bare	60cc	210cc
EDE77179	Victor Jr., Bare with Valves Only	60cc	210cc
EDE77189	Victor Jr., Assembled for Hyd/Mech.	60cc	210cc
EDE77199	Victor Jr., Assembled for Roller	60cc	210cc

Max-Fire Ultra-Spark 50 High-Performance Spark Plug Wire Sets

Engineered for high-performance racing applications, Ultra-Spark 50 Wire Sets feature 40 Ohms per foot of resistance, and are constructed using a spiral wound, Ferro-Magnetic Kevlar core, SPDM inner insulation, and red 8.5mm silicone outer jacket.



Universal wire sets have the plug boot pre-installed and include OEM socket and HEI-style distributor boots along with the necessary terminals. Application specific wire sets are complete and ready-to-install. Sets with "Vari-Angle" plug boots allow bending the terminal/boot to clear headers as necessary. Offered in red or black.

Description	Ultra-Spark 500 Part No.	Ultra-Spark 50 Part No.
Universal Wire Set, Vari-Angle Plug Boots	EDE22710	—
Universal Wire Set, 90° Plug Boots	EDE22711	—
SB Chevy HEI Wire Set, 1974-88, 90° Plug Boots	EDE22712	EDE22702
SB Chevy HEI Wire Set, 1978-86, (6) 90°, (2) Vari-Angle Plug Boots	EDE22713	EDE22703
SB Ford HEI Wire Set, 1983-96, Vari-Angle Plug Boots	EDE22714	—

Max-Fire RTR Distributors **NEW!**

Precision machined distributors include a simple three-wire hook-up and require no external ignition control box. Each billet aluminum housing is fit with a centerless ground shaft, upper sealed roller bearing, high output magnetic pickup, high-performance cap and rotor. Mechanical and vacuum advance are fully adjustable and may be locked-out, if desired.



Part No.	Description
EDE22750	Chevy V8 Distributor
EDE22751	Chevy V8 Distributor with Adjustable Slip Collar
EDE22755	SB Ford 260-302 Distributor
EDE22758	SB Ford 351W Distributor

Replacement Components

EDE22731	Small Dia./Low Profile Distributor Cap and Retainer
EDE22732	Points-Style Distributor Cap and Retainer, Chevy V8
EDE22733	Rotor, Chevy V8

Max-Fire Ignition Coils **NEW!**

High-performance ignition coils are designed for use with applications using an electronic breakerless distributor, including the Max-Fire. Fully compatible with ready-to-run distributors and 6 series ignition control units.



Part No.	Description
EDE22740	Chrome Oil-Filled Ignition Coil
EDE22741	Red Oil-Filled Ignition Coil
EDE22742	Universal Dome High-Output Ignition Coil
EDE22743*	GM HEI In-Cap Ignition Coil
EDE22745	GM 1997-13 LS Gen. III/IV Ignition Coil Pack, Each

* For GM HEI distributors using red and yellow wires.

Edelbrock

Adjustable Fuel Log for Dual-Feed Holley Carbs EDE8100

Engineered for a perfect fit on virtually any Holley style 4150 or 4500 series carburetor, telescoping fuel log with swivel ball socket ends may be adjusted from 7-3/4" to 13-1/2" to clear air cleaners, carb linkage, etc. Black anodized fuel log includes two 1/8" NPT ports for a fuel pressure gauge or pressure transducer. Sold complete with necessary fittings, gaskets, and O-rings.



Victor Series 130 GPH Fuel Pumps

Six-valve racing mechanical fuel pumps are compatible with gasoline and flow 130 GPH. Rebuildable pumps deliver 13-14 PSI, feature high-volume 3/8" NPT inlet and outlet ports, and a large diaphragm. Fuel pressure regulator EDE8190 or EDE1727 is recommended.



Part No.	Description
EDE1711	SB Chevy
EDE1715	SB Ford 289-351W
EDE1727	Fuel Pressure Regulator, Premium
EDE8190	Fuel Pressure Regulator, Standard

SB Chevy Fuel Pump Block-Off Plate NEW! EDE4020

Required for circle track applications using a belt-driven fuel pump, billet aluminum block-off plate fits all small block Chevys. Sold complete with gasket and fasteners.



Victor Series Aluminum Water Pumps

Victor Series aluminum water pumps provide maximum flow, maximum pressure, and equal coolant distribution to both sides of the engine block. All Victor water pumps feature 3/4" integral ball/roller bearings, billet steel hubs and aircraft industry clearances.

Small Block Chevy Short-Style Pump (5/8" Pilot Shaft) EDE8810

Dimension from block surface to hub: 5-5/8". Fits all 1955-68 small block Chevy passenger cars, 1969-70 350 C.I.D. Corvettes and 1955-72 light duty trucks. Has 3/4" ball/roller bearing.



Long-Style Pump (5/8" Pilot Shaft) EDE8811

Dimension from block surface to hub: 6-15/16". Fits all 1969-87 small block Chevy or 90° V6 passenger cars and 1973-86 light-duty trucks. Does not fit Corvettes (use EDE8810 or EDE8812) or late-model vehicles with serpentine accessory drive belts (use EDE8881). Has 3/4" ball/roller bearing.



Short-Style Pump (3/4" Pilot Shaft) EDE8812

Dimension from block surface to hub: 5-13/16". Fits all 1971-82 Corvettes. Comes with 3/4" ball/roller bearing.



Small Block Ford 1965-68 289, 1968-69 302, 1969 351W EDE8841

Dimension from casting to hub: 5-7/16". Right-hand inlet with back plate.



1970-78 302, 1970-87 351W (5/8" Pilot Shaft) EDE8843

Left-hand inlet with back plate. Dimension from casting to hub: 5.70". Inlet diameter: 1.78".



Victor Series Circle Track Aluminum Water Pumps

Designed for circle track competition, Victor Series water pumps have an improved impeller entry for increased cooling and equalized flow to both sides of the block. Pumps are black anodized with billet steel fan hubs, 3/4" pilot shafts, heavy-duty ball/roller bearings, and auxiliary water outlets for customized plumbing.

Small Block Chevy Circle Track Pump (3/4" Pilot Shaft) EDE8816

Fits all 1955-95 small blocks and includes heavy-duty 3/4" ball/roller bearing. Dimensions from block surface to hub: 5-13/16". -8AN auxiliary fittings at 90° to the block. Inlet diameter: 1.85"



Circle Track Pump (3/4" Pilot Shaft) EDE8817

Fits all 1955-95 small blocks and includes heavy-duty 3/4" ball/roller bearing. Dimensions from block surface to hub: 5-13/16". Inlet diameter: 1.85" pump has a 3/8" NPT at 45° to the block.



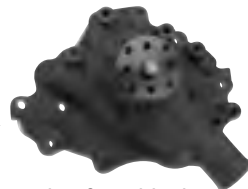
Victor Pro Series EDE8819

An upgraded version of EDE8816, Victor-Pro water pump includes improvements wanted by many circle track teams and engine builders. Pump incorporates an improved right-side outlet passage, -10AN side water outlet ports, aluminum backplate, marine seal, steel billet hub, 3/4" dia. pilot shaft, and 1.84" inlet dia.



Small Block Ford Victor Pro Series EDE8833

Fits all Windsor blocks with small block Ford timing cover. Includes heavy-duty 3/4" ball/roller bearing and 3/4" dia. pilot shaft. Left-hand inlet with back plate. Dimension from block surface to hub: 5.70". Inlet diameter: 1.78".





Victor Pro Series Circle Track Aluminum Water Pumps

Engineered for circle track racing applications, two-piece cartridge design pumps provide improved symmetrical flow, resulting in increased flow and horsepower. Aggressive-design 3.45" diameter impeller is combined with improved inlet and outlet ports to deliver equal distribution and maximum cooling, eliminating "hot spots" in the engine.

Small Block Chevy

Standard rotation fits all 1955-95 engines and measures 5-13/16" from block surface to hub. Pump has -10AN auxiliary ports 90° to the block, and a -6AN top inlet port.

Note: Requires longer than stock mounting bolts. May not fit OEM accessory brackets.



Part No.	Description
EDE8827	SB Chevy Water Pump
EDE8828	Replacement Cartridge

GM/LS Series

Pump fits all GM/LS series engines including the "CT525" crate engine, measures 6" from the block surface to the hub, and has a relocated thermostat housing. Clockwise rotation pump is designed for racing applications using a simplified accessory drive.

Note: Cannot be used with the OEM manifold; must be used with an after-market carbureted manifold.



Part No.	Description
EDE8895	GM/LS Water Pump
EDE8828	Replacement Cartridge



ZAK JOHNSON

2-1/2" and 2-1/4" I.D. Coil-Over Springs

Uses the finest quality, chrome-silicon steel wire to produce coil springs that are cold formed on CNC coilers, heat-treated, shot-peened, pre-set, phosphate-treated, and red powder coated (unless specified) with a durable epoxy finish. All springs are imprinted with the part number, guaranteed to remain within 2% of their rate and height for the life of the spring.



Rate	2-1/2" Dia.					2-1/4" Dia.		
	14" Tall	12" Tall	10" Tall	8" Tall	7" Tall	5" Tall	6"	8" Tall
90	—	EIB1200-250-0090	—	—	—	—	—	—
100	EIB1400-250-0100	EIB1200-250-0100	—	—	—	—	—	—
110	EIB1400-250-0110	EIB1200-250-0110	—	—	—	—	—	—
120	EIB1400-250-0120	EIB1200-250-0120	—	—	—	—	—	—
125	EIB1400-250-0125S	EIB1200-250-0125	—	—	—	—	—	—
140	—	EIB1200-250-0140	—	—	—	—	—	—
150	EIB1400-250-0150	EIB1200-250-0150	EIB1000-250-0150	EIB0800-250-0150	—	—	—	—
162	—	—	EIB1000-250-0162	—	—	—	—	—
165	EIB1400-250-0165	EIB1200-250-0165	—	—	—	—	—	—
175	EIB1400-250-0175	EIB1200-250-0175	EIB1000-250-0175	EIB0800-250-0175	—	—	—	—
185	—	EIB1200-250-0185	—	—	—	—	—	—
200	EIB1400-250-0200	EIB1200-250-0200	EIB1000-250-0200	EIB0800-250-0200	—	—	—	EIB0800-225-0200
225	EIB1400-250-0225	EIB1200-250-0225	EIB1000-250-0225	EIB0800-250-0225	—	—	—	EIB0800-225-0225
250	EIB1400-250-0250	EIB1200-250-0250	EIB1000-250-0250	EIB0800-250-0250	—	—	EIB0600-225-0250	EIB0800-225-0250
275	—	EIB1200-250-0275	EIB1000-250-0275	EIB0800-250-0275	—	—	—	—
300	EIB1400-250-0300	EIB1200-250-0300	EIB1000-250-0300	EIB0800-250-0300	EIB0700-250-0300	—	—	EIB0800-225-0300
325	EIB1400-250-0325	EIB1200-250-0325	EIB1000-250-0325	EIB0800-250-0325	EIB0700-250-0325	—	—	—
350	EIB1400-250-0350	EIB1200-250-0350	EIB1000-250-0350	EIB0800-250-0350	EIB0700-250-0350	—	EIB0600-225-0350	EIB0800-225-0350
375	—	EIB1200-250-0375	EIB1000-250-0375	EIB0800-250-0375	—	—	EIB0600-225-0375	EIB0800-225-0375
400	—	EIB1200-250-0400	EIB1000-250-0400	EIB0800-250-0400	EIB0700-250-0400	—	EIB0600-225-0400	EIB0800-225-0400
425	—	—	—	EIB0800-225-0425	—	—	—	—
450	—	EIB1200-250-0450	EIB1000-250-0450	EIB0800-250-0450	EIB0700-250-0450	—	EIB0600-225-0450	EIB0800-225-0450
475	—	EIB1200-250-0475	—	EIB0800-250-0475	—	—	—	—
500	EIB1400-250-0500S	EIB1200-250-0500S	EIB1000-250-0500	EIB0800-250-0500	EIB0700-250-0500	—	EIB0600-225-0500	EIB0800-225-0500
525	—	—	—	—	—	—	EIB0600-225-0525	—
550	—	EIB1200-250-0550S	EIB1000-250-0550	EIB0800-250-0550	—	—	EIB0600-225-0550	EIB0800-225-0550
600	EIB1400-250-0600S	EIB1200-250-0600S	EIB1000-250-0600	EIB0800-250-0600	—	EIB0500-225-0600	EIB0600-225-0600	EIB0800-225-0600
650	EIB1400-250-0650S	EIB1200-250-0650S	EIB1000-250-0650	—	EIB0700-250-0650	EIB0500-225-0650	EIB0600-225-0650	—
700	—	—	EIB1000-250-0700	EIB0800-250-0700	EIB0700-250-0700	—	EIB0600-225-0700	EIB0800-225-0700
750	—	—	—	EIB0800-250-0750	—	—	EIB0600-225-0750	—
800	—	EIB1200-250-0800S	EIB1000-250-0800	EIB0800-250-0800	—	—	EIB0600-225-0800	EIB0800-225-0800
850	—	—	—	—	—	—	EIB0600-225-0850	—
900	—	EIB1200-250-0900S	—	—	—	—	—	EIB0800-225-0900
950	—	—	—	—	—	—	EIB0600-225-0950	—
1000	—	—	—	—	—	—	EIB0600-225-1000	—

Note: Coil-over spring part numbers ending with an "S" have a silver powder-coated finish.



2-1/2" I.D. Helper Spring and Spacer

Prevents main spring from becoming loose at full drop. Spacer is used to couple Helper/Tender to main spring.

Part No.	Description
EIBHELPER250	2-1/2" I.D. Helper Spring
EIBSPACER250	2-1/2" I.D. Spring Spacer
EIBHELPER250T	2-1/2" I.D. / 6" Tall Helper Spring



EIBSPACER250

Coil Spring Sleeves

Specialized sleeve installs directly onto spring, allowing softer spring rates, while eliminating the possibility of frame drag. Sleeve allows the spring to stay linear, allowing adjustability without changing the rate. Durable enough to withstand 2,500 lbs. of load, sleeve includes an adhesive strip to keep it in place. Choose the sleeve that best matches the O.D. and wire diameter of the spring.

Part No.	Spring Dia.	Spring Wire Dia.	Coil Sleeve Length
EIBCS3001	2.50"-3.50"	.423"-.541"	10.31"
EIBCS5001	4.50"-6.00"	.423"-.541"	13.43"
EIBCS5002	4.50"-6.00"	.551"-.650"	13.43"



XT Barrel Springs

Specially-configured barrel springs offer lighter weight, increased travel, and extra clearance to 2" racing shocks. The XT Barrel springs feature a continuous taper to a maximum 3.0" I.D., preventing shock-to-spring interference. Springs are fully compatible with standard 2.5" spring perches and allow easy access to the lower ball joint.

Rate	16" Tall	14" Tall	12" Tall
100	—	—	EIB1200-2530-0100
150	EIB1600-2530-0150	EIB1400-2530-0150	EIB1200-2530-0150
175	—	EIB1400-2530-0175	EIB1200-2530-0175
185	—	—	EIB1200-2530-0185
200	EIB1600-2530-0200	—	EIB1200-2530-0200
225	—	EIB1400-2530-0225	—
250	—	EIB1400-2530-0250	—



Tender/Linear Springs **NEW!**

Rate	Part No.
25	EIB0350-250-0025
50	EIB0350-250-0050
75	EIB0350-250-0075



Spring Rubbers **NEW!**

A fine-tuning method for adding progressive rate to linear race springs, Spring rubbers are offered in four different durometers. Spring rubbers add approximately 1-1/2" of stack height to spring.

Part No.	Application	Durometer (Color)	Part No.	Application	Durometer (Color)
EIBSR.2530.0060	2-1/2"-3" Barrel Spring	60 (Purple)	EIBSR.500.0060	5" O.D. Spring	60 (Purple)
EIBSR.2530.0070	2-1/2"-3" Barrel Spring	70 (Green)	EIBSR.500.0070	5" O.D. Spring	70 (Green)
EIBSR.2530.0080	2-1/2"-3" Barrel Spring	80 (Yellow)	EIBSR.500.0080	5" O.D. Spring	80 (Yellow)
EIBSR.2530.0090	2-1/2"-3" Barrel Spring	90 (Blue)	EIBSR.500.0090	5" O.D. Spring	90 (Blue)



Platinum XT Barrel Springs **NEW!**

A performance upgrade of Eibach's XT barrel springs. Race engineered to outperform all other springs in their class, Platinum XT barrel springs offer 2-1/2"-4" of travel for improved grip under dynamic race conditions. All springs are imprinted with the part number, and are guaranteed to remain within 2% of their rate and height for the life of the spring.

Rate	10" Tall	12" Tall	14" Tall	16" Tall
100	—	EIBP1200.2530.0100	—	EIBP1600.2530.0100
125	—	—	—	EIBP1600.2530.0125
150	—	—	—	EIBP1600.2530.0150
175	—	EIBP1200.2530.0175	—	EIBP1600.2530.0175
200	—	—	EIBP1400.2530.0200	—
225	—	—	EIBP1400.2530.0225	—
250	—	EIBP1200.2530.0250	—	—
400	EIBP1000.2530.0400	—	—	—
500	EIBP1000.2530.0500	—	—	—
550	EIBP1000.2530.0550	—	—	—

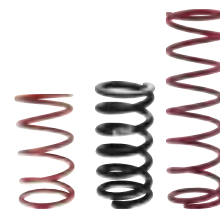


Platinum Conventional Rear Springs **NEW!**

Platinum springs combine the benefits of legendary quality, maximum travel, rate linearity, and block resistance, while including the ability to withstand the punishment common to oval track racing. Wound to exact tolerances and dyno tested, these ultralight springs increase vehicle responsiveness.

Rate	5" O.D. 13" Tall	5" O.D. 16" Tall	5" O.D. 18" Tall
50	—	EIBPR1600.500.0050	EIBPR1800.500.0050
75	EIBPR1300.500.0075	EIBPR1600.500.0075	EIBPR1800.500.0075
100	EIBPR1300.500.0100	EIBPR1600.500.0100	EIBPR1800.500.0100
125	EIBPR1300.500.0125	EIBPR1600.500.0125	EIBPR1800.500.0125
150	EIBPR1300.500.0150	EIBPR1600.500.0150	—
175	EIBPR1300.500.0175	EIBPR1600.500.0175	—
200	EIBPR1300.500.0200	EIBPR1600.500.0200	—
225	EIBPR1300.500.0225	—	—





Conventional Coil Springs

Engineered for applications using stock-type coil springs such as Street Stocks, Hobby Stocks, or Factory Stocks, conventional 5" and 5.5" O.D. coil springs are offered in a variety of heights and rates. Springs are manufactured from premium chrome silicon steel and red powder coated (unless specified) with a durable epoxy finish. All springs are imprinted with the part number, and are guaranteed to remain within 2% of their rate and height for the life of the spring.

Rate	Front Springs				Rear Springs				
	5.0" O.D., 9.5" Tall	5.50" O.D., 9.5" Tall	5.5" O.D., 9.5" Tall	5.5" O.D. x 11" Tall	5.0" O.D., 11" Tall	5.0" O.D., 13" Tall	5.0" O.D., 15" Tall	5.0" O.D., 16" Tall	5.0" O.D. x 20" Tall
100	—	—	—	—	—	—	—	EIB1600-500-0100	EIB2000.500.0100
125	—	—	—	—	—	EIB1300-500-0125	EIB1500-500-0125	EIB1600-500-0125	EIB2000.500.0125
150	—	—	—	—	EIB1100-500-0150	EIB1300-500-0150	EIB1500-500-0150	EIB1600-500-0150	EIB2000.500.0150
175	—	—	—	—	EIB1100-500-0175	EIB1300-500-0175	EIB1500-500-0175	EIB1600-500-0175	EIB2000.500.0175
200	EIB0950-500-0200	—	—	—	EIB1100-500-0200	EIB1300-500-0200	EIB1500-500-0200	EIB1600-500-0200	—
225	—	—	—	—	EIB1100-500-0225	EIB1300-500-0225	EIB1500-500-0225	EIB1600-500-0225	—
250	EIB0950-500-0250	—	—	—	EIB1100-500-0250	EIB1300-500-0250	EIB1500-500-0250	EIB1600-500-0250	—
275	—	—	—	—	—	EIB1300-500-0275	EIB1500-500-0275	—	—
300	EIB0950-500-0300	EIB0950-550-0300	—	—	EIB1100-500-0300	EIB1300-500-0300	EIB1500-500-0300	—	—
325	—	EIB0950-550-0325	—	—	—	EIB1300-500-0325	—	—	—
350	EIB0950-500-0350	—	—	—	EIB1100-500-0350	EIB1300-500-0350	—	—	—
375	—	EIB0950-550-0375	—	—	—	EIB1300-500-0375	—	—	—
400	—	—	EIB0950-550-0400	—	EIB1100-500-0400	EIB1300-500-0400	—	—	—
425	EIB0950-500-0425	EIB0950-550-0425	—	—	—	—	—	—	—
450	EIB0950-500-0450	—	EIB0950-550-0450	—	EIB1100-500-0450	—	—	—	—
475	EIB0950-500-0475	—	—	—	—	—	—	—	—
500	EIB0950-500-0500	—	EIB0950-550-0500	—	EIB1100-500-0500	EIB1300-500-0500	—	—	—
550	EIB0950-500-0550	—	EIB0950-550-0550	—	—	—	—	—	—
600	EIB0950-500-0600	—	EIB0950-550-0600	—	EIB1100-500-0600	EIB1300-500-0600	—	—	—
650	EIB0950-500-0650	—	EIB0950-550-0650	—	—	—	—	—	—
700	EIB0950-500-0700	—	EIB0950-550-0700	—	EIB1100-500-0700	EIB1300-500-0700	—	—	—
750	EIB0950-500-0750	—	EIB0950-550-0750	—	—	—	—	—	—
800	EIB0950-500-0800	—	EIB0950-550-0800	—	—	—	—	—	—
850	EIB0950-500-0850	—	EIB0950-550-0850	—	—	—	—	—	—
900	EIB0950-500-0900	—	EIB0950-550-0900	EIB1100-550-0900*	—	—	—	—	—
950	EIB0950-500-0950	—	EIB0950-550-0950	—	—	—	—	—	—
1000	EIB0950-500-1000	—	EIB0950-550-1000	EIB1100-550-1000*	—	—	—	—	—
1100	EIB0950-500-1100	—	EIB0950-550-1100	EIB1100-550-1100*	—	—	—	—	—
1150	—	—	EIB0950-550-1150	—	—	—	—	—	—
1200	—	—	EIB0950-550-1200	EIB1100-550-1200*	—	—	—	—	—
1300	EIB0950-500-1300	—	EIB0950-550-1300	EIB1100-550-1300*	—	—	—	—	—
1500	EIB0950-500-1500	—	—	—	—	—	—	—	—

* Signifies black, stock-appearing springs.

5" Torque/Third Link Springs

Designed for Modified oval track racing, 5" O.D. springs allow necessary stroke lengths. Will maintain proper height and rate for life.

Part No.	Description
EIB0675-500-2000	6-3/4" Tall, 2000 lbs., Progressive

3" I.D. Coil-Over Springs

Chrome-silicon steel 3" I.D. springs are formed on CNC coilers, heat-tempered, shot-peened, pre-set, phosphate-treated, and silver powder coated.

Rate	10" Tall	16" Tall	12" Tall
100	—	EIB1600-300-0100S	—
175	—	EIB1600-300-0175S	EIB1200-300-0175S
250	—	—	EIB1200-300-0250S
300	EIB1000.300.0300S	—	EIB1200-300-0250S

Coil Spring Bags

Durable lightweight fabric bag installs over coil-over assembly, keeping dirt and debris out. Bag is fully washable and opens easily for shock and spring adjustments. Sold per pair.

Part No.	Spring Dia.	Coil Spring Length
EIBESB10-250	2.50"	8", 10"
EIBESB12-250	2.50"	10", 12"
EIBESB12-300	2.50"-3.00" XT Barrel	10", 12"
EIBESB14-250	2.50"	12", 14"
EIBESB14-300	2.50"-3.00" XT Barrel	12", 14"
EIBESB14-500	5.00"	12", 14"
EIBESB16-250	2.50"	14", 16"
EIBESB16-300	2.50"-3.00" XT Barrel	14", 16"
EIBESB16-500	5.00"	14", 16"



Tender Springs

The Eibach ERS (Eibach Race-Spring System) main and tender spring concept provides a softer initial hit when both springs are compressed together, then delivers the desired firmer ending once the tender spring compresses completely. The main spring has a linear-characteristic and determines the final rate of the system. The tender springs are available in linear or progressive format, and determine the initial hit of the spring system.

2-1/2" I.D. Linear Tender Springs

Rate	Length	Part No.
150	2.640"	EIB0175-250-0150
150	3.900"	EIB0225.250.0150
200	3.050"	EIB0175-250-0200
250	2.790"	EIB0175-250-0250

2-1/2" I.D. Progressive Tender Springs

Rate	Part No.	Length	Color
600-1300	EIB0175-250-600-1300	3.550"	Red
250-550	EIB0200-250-250-550	4.250"	Green
175-550	EIB0200-250-175-550	4.250"	Black

Platinum Front Stock Car Springs

Rate	Part No.	Length
450	EIBPF0950-500-0450	5" O.D./9.50" Tall
500	EIBPF0950-500-0500	5" O.D./9.50" Tall
550	EIBPF0950-500-0550	5" O.D./9.50" Tall
600	EIBPF0950-500-0600	5" O.D./9.50" Tall



Quarter Midget Springs

Quarter Midget springs measure 3-1/2" or 5" tall with a 1.63" I.D., are manufactured from chrome-silicon steel, red powder coated, and imprinted with the part number.

Rate	3.5" Tall	5" Tall	Rate	3.5" Tall	5" Tall
85	EIB0350-163-0085	EIB0500-163-0085	120	EIB0350-163-0120	EIB0500-163-0120
90	—	EIB0500-163-0090	125	—	EIB0500-163-0125
95	EIB0350-163-0095	EIB0500-163-0095	130	EIB0350-163-0130	—
100	EIB0350-163-0100	EIB0500-163-0100	135	—	EIB0500-163-0135
105	EIB0350-163-0105	EIB0500-163-0105	140	—	EIB0500-163-0140
110	EIB0350-163-0110	EIB0500-163-0110	150	EIB0350-163-0150	—
115	EIB0350-163-0115	EIB0500-163-0115			



Bump Springs

Provides virtually unlimited tuning for dirt or asphalt racers using "soft spring" set-ups. Lightweight and compact to meet the needs of pavement racers, while including the maximum linear travel required by dirt racers. Precision fit cap system is compatible with 1/2" or 5/8" shaft sizes.



Rate	Part No.	Rate	Part No.
50	EIB0225.200.0050	1250	EIB0225.200.1250
75	EIB0225.200.0075	1400	EIB0225.200.1400
100	EIB0225.200.0100	1500	EIB0225.200.1500
150	EIB0225.200.0150	1600	EIB0225.200.1600
350	EIB0225.200.0350	1750	EIB0225.200.1750
450	EIB0225.200.0450	2000	EIB0225.200.2000
550	EIB0225.200.0550	2500	EIB0225.200.2500
650	EIB0225.200.0650	3000	EIB0225.200.3000
750	EIB0225.200.0750	3500	EIB0225.200.3500
850	EIB0225.200.0850	4000	EIB0225.200.4000
950	EIB0225.200.0950	4500	EIB0225.200.4500
1050	EIB0225.200.1050	5000	EIB0225.200.5000

Bump Spring Storage Case

NEW! EIBBSB.0800

Rugged plastic, foam-lined case stores up to (8) bump stop springs. Springs sold separately.



Bump Spring Caps (Sold in Pairs)

Part No.	Description
EIBBSC-500	1.36" O.D. x .500" I.D. x .240" Tall, Fits 1/2" Shaft
EIBBSC-625	1.36" O.D. x .625" I.D. x .240" Tall, Fits 5/8" Shaft
EIBBSC163.500	1.63" O.D. x .500" I.D. x .240" Tall, Fits 1/2" Shaft
EIBBSC163.625	1.63" O.D. x .625" I.D. x .240" Tall, Fits 5/8" Shaft



SB Chevy "Black Ice" Stamped Steel Rocker Arms

"Black Ice" stamped-steel rocker arms are the first to incorporate advanced cryogenic technology and tempering treatments that significantly increase component durability and wear-resistance. Stamped-steel, long-slot rocker arm kits include nuts and grooved balls for efficient lubrication. Sold individually.



Part No.	Description
ELGICE410840	SB Chevy 265-400, 1.5 Ratio, 3/8" Stud
ELGICE410840SP	SB Chevy 265-400, 1.6 Ratio, 3/8" Stud
ELGICE411840	SB Chevy 265-400, 1.5 Ratio, 7/16" Stud
ELGICE411840SP	SB Chevy 265-400, 1.6 Ratio, 7/16" Stud

SB Chevy Stamped Steel Rocker Arms

Stamped-steel, long-slot (unless specified) rocker arms include nuts and grooved balls for efficient lubrication. Sold individually.



Part No.	Description
ELGRK-401	Rocker Arm Kit, 1.5 Ratio, 3/8" Stud, Non-Long Shot
ELGRK-508	Rocker Arm Kit, 1.5 Ratio, 3/8" Stud
ELGRK-1508	Rocker Arm Kit, 1.5 Ratio, 7/16" Stud
ELGRK-1508SP	Rocker Arm Kit, 1.6 Ratio, 7/16" Stud
ELGRK-2737	Rocker Arm Kit, 1.5 Ratio, 3/8" Stud, '87-Up Self-Aligning, NEW!

SB Chevy Nitro-Carb Rocker Arms

A superior heat-treating process yields greater resistance to wear, fatigue, and fracture in high-stress areas. Long-slot design is compatible with high valve lifts. Stock-appearing rocker arms are sold in sets of 16 with nuts and grooved balls.



Part No.	Description
ELGRK-840NS	SB Chevy 265-400, 1.5 Ratio, 3/8" Stud
ELGRK-840SPNS	SB Chevy 265-400, 1.6 Ratio, 3/8" Stud
ELGRK-1840NS	SB Chevy 265-400, 1.5 Ratio, 7/16" Stud

SB Chevy Roller-Tip Rocker Arms ELGRK-840RS

Roller-tip rocker arms are stamped from high-strength steel alloy and specially heat-treated to reduce rocker arm flex. Rocker arms have 1.5 ratio and are for use with 3/8" rocker studs. 16 per package.



SB Chevy Solid Lifter Performance Camshafts



Elgin Cams are the choice of many sportsman and entry-level racers. Use Elgin solid lifters ELGVT-1992-16.

	Cam Lift	Valve Lift	Duration	Dur. @ .050"	Valve Lash	Lobe Center
ELGE-1090-P						
Intake	.358"	.537"	287°	256°	.026"	99°
Exhaust	.371"	.557"	295°	264°	.026"	111°
ELGE-1091-P						
Intake	.336"	.504"	287°	256°	.026"	99°
Exhaust	.336"	.504"	295°	264°	.026"	111°

Note: Specs with 1.5 Ratio rocker arms.

Hydraulic and Solid Lifters

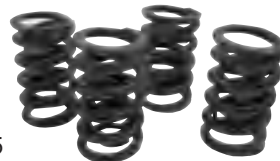
Offered for Chevy and Ford. Sold in sets of 16.

Part No.	Description
ELGHL-1817-16	Chevy Hydraulic Lifters
ELGHL-1900-16	Ford Hydraulic Lifters, All Except "FE"
ELGVT-1992-16	Chevy Solid Lifters



SB Chevy Performance Valve Springs ELGRV-1943X

The ideal valve spring for net camshaft lifts up to .550". The spring's outside diameter is stock and requires no head machining. Spring pressure is 125 lb. at 1.750" and 325 lbs. at 1.200". Sold individually.



Pro Racing Oil

Developed for extreme racing conditions, Pro Racing Oil uses a unique formulation for maximum performance, including ester for extreme heat protection, MoDTC to reduce friction, and ZDDP for added anti-wear protection. This racing oil offers superior lubrication, power, and engine protection at a broader temperature and RPM range than most racing oils.

Part No.	One Quart	Case 6 x One Quart
10W-50	EN03802-300	EN03802-302



Street and Track Racing Oil

This fully synthetic Street and Track Racing Oil is formulated from high-quality base stock, MoDTC, and ZDDP additives protect engines during cold weather start-ups to extreme race track temperatures. Maximum horsepower, oil film retention, and anti-wear protection make this oil suitable for every type of motorsport event, including stock cars, autocross, drifting, and drag cars. Meet API specifications.

Part No.	One Quart	Case 6 x One Quart
0W-20, API Service SN/RC	EN03901-300	EN03901-302
0W-50, API Service SN	EN03902-300	EN03902-302



ECO CVT Fluid (Continuously Variable Transmission)

This fully synthetic continuously variable transmission (CVT) fluid is formulated to meet the quality requirements for many types of Asian CVT vehicles. ECO CVT fluid can provide superior fuel efficiency, ensure longer drain intervals, and optimize noise reduction. Applicable for both belt and chain pulley types of CVT's. Not recommended for Toyota Hybrid CVT and Nissan Extroid CVT vehicles.

One Quart	Case (12) x One Quart	Six Gallon
EN03026-300	EN03026-301	EN03026-400



Gear Oil • GL-5 75W-90

Formulated for use in manual transmissions and non-limited differentials including heavy-duty manual transmissions, axles, and final drives which require API GL-5 and 75W-90 viscosity.

One Quart	Case (6) x One Quart
EN03092-300	EN03092-302



Import DPS Fluid

This dual pump system fluid is formulated specifically for Honda and Acura vehicles that require Honda Dual Pump Fluid II and Acura DPSF genuine fluid.

One Quart	Case (12) x One Quart
EN03410-300	EN03410-301



Fully Synthetic Motor Oil

Manufactured from 100% synthetic base oil, providing superior thermal and oxidation breakdown resistance. These oils flow better at cold temperatures, reducing wear on critical engine parts at start up. Formulated with a blend of additives that help improve fuel mileage by keeping the engine clean, protecting vital engine parts from wear and reducing internal friction. ENEOS Fully Synthetic Motor Oils exceed the latest API Service SN, ILSAC GF-5 classifications and meet the requirements of Toyota, Honda, and other original equipment manufacturers where an SAE 0W-20, 5W-20, or 5W-30 motor oil is specified.



Part No.	Description	Part No.	Description
EN03241-300	5W-20, One Quart	EN03701-323	0W-20, Case 4x Five Quarts
EN03241-301	5W-20, Case 12x One Quart	EN03701-400	0W-20, Six Gallons
EN03241-320	5W-20, Five-Quart	EN03703-300	5W-30, One Quart
EN03241-323	5W-20, Case 4x Five Quarts	EN03703-301	5W-30, Case 12x One Quart
EN03241-400	5W-20, Six Gallons	EN03703-320	5W-30, Five Quarts
EN03251-300	0W-16, One Quart	EN03703-323	5W-30, Case 4x Five Quarts
EN03251-301	0W-16, Case 12x One Quart	EN03703-400	5W-30, Six Gallons
EN03251-400	0W-16, Six Gallons	EN03704-300	5W-40, One Quart
EN03701-300	0W-20, One Quart	EN03704-301	5W-40, Case 12x One Quart
EN03701-301	0W-20, Case 12x One Quart	EN03704-320	5W-40, Five Quart
EN03701-320	0W-20, Five Quart	EN03704-323	5W-40, Case 4x Five Quarts

ATF

Manufactured specifically for Asian vehicles requiring "genuine" transmission fluid from the manufacturer. Formulated with select high-quality synthetic base oils combined with unique additives to meet these strict requirements. This fluid is developed through the advanced technology of JX Nippon Oil and Energy, the leading innovator and supplier of automotive lubricants to the majority of Asian automobile manufacturers.



Part No.	Description
Type T	
EN03104-300	Toyota/Lexus Vehicles Requiring Toyota Type T-IV "Genuine" Fluid, One-Quart
EN03104-301	Case 12x One Quart
Type H	
EN03105-300	Honda/Acura Vehicles Requiring Honda Type Z1, DW-1 "Genuine" Fluid, One Quart
EN03105-301	Case 12x One Quart
Type N	
EN03106-300	Nissan/Infinity Vehicles Requiring Nissan Type Matic S,K,J,D "Genuine" Fluid, One Quart
EN03106-301	Case 12x One Quart
Type T-W	
EN03107-300	Toyota/Lexus Vehicles Requiring Toyota Type WS "Genuine" Fluid, One-Quart
EN03107-301	Case 12x One Quart
Type SP	
EN03108-300	Hyundai/Kia/ Mitsubishi Vehicles Requiring Hyundai Type SP III "Genuine" Fluid, One Quart
EN03108-301	Case 12x One Quart

ENEOS

THE PERFORMANCE MOTOR OIL

ECO ATF

ECO ATF is a fuel-efficient, low-viscosity transmission fluid that meets the requirements of many Asian and American-made vehicles. Manufactured with premium base stocks, low-molecular weight boosters, and selected additives which provide high resistance to mechanical wear, outstanding friction characteristics, and anti-shudder protection. Compatible with transmissions requiring Toyota T-IV and WS, Honda Z1 and DW1, Nissan Matic J and S, Mitsubishi/Hyundai/Kia SP-III, GM Dexron III, and Ford Mercon. Not compatible with CVT's and Ford Type F requirements.



One Quart	Case (12) x One-Quart	Six Gallon
EN03103-300	EN03103-301	EN03103-400



Antifriction Engine Treatment

Additive has been tested and proven for over 20 years in gasoline and diesel engines, compressors, power tools, heavy equipment, etc. Product treats and conditions the metal, not the lubricant, and when added, reduces friction and wear between metal components.

Part No.	Description
ERPP001	5-oz. Bottle
ERPP007	8-oz. Bottle
ERPP002	16-oz. Bottle
ERPP003	1-Gallon Bottle



Citrus Engine Degreaser Plus

ERPP019

Versatile cleaner/degreaser features a citrus-based formula and is safe to use on auto parts, tools, machinery, etc. Suitable for use as a tough engine degreaser or gentle, all-purpose cleaner. Rinses completely with water and leaves no residue. Sold in an 18-oz. aerosol can.



MuddOFF ERPP600

Breakthrough, non-stick product is ready to use and creates a shield that prevents mud and other debris from sticking. Sold in a 22-oz. spray bottle.



MuddOFF Super Concentrate

ERPP601

Popular with circle track and off-road racers, water-soluble non-stick product is safe for use on metal, plastics, paint, and stickers, and prevents mud, dirt, and debris from sticking. One bottle of concentrate yields three gallons of cleaner. Sold in 32-oz. jug.



Stay Clean ERPP500

Stay Clean provides a clear, non-stick film that protects surfaces from grass, mud, dirt, and debris. Sold in 22-oz. spray bottle.



Import CVT Fluid (Continuously Variable Transmission)

Import CVT is engineered for specific Asian vehicles, including Honda, Acura, and Nissan, that require "genuine" fluid from the manufacturer. Formulated with select high-quality synthetic base oils combined with unique additives to meet these strict requirements. This fluid is developed through the advanced technology of JX Nippon Oil and Energy, the leading innovator and supplier of automotive lubricants to the majority of Asian automobile manufacturers.



Part No.	Description
EN03057-300	Type N, Nissan Vehicles
EN03057-301	Requiring Nissan CVTF Type NS-2 Genuine Fluid, One Quart
EN03072-300	Type N, Case 12x One Quart
EN03072-301	Type H, Honda and Acura Vehicles
EN03072-301	Requiring ATF Type Z1, DW-1 Genuine Fluid, One Quart
EN03072-301	Type H, Case 12x One Quart

G-100 Lithium Grease

High-speed lithium-complex grease provides protection to wheel bearings, slides, and other lubricated components. Sold in a 14.5-oz. cartridge or 16-oz. tub.

Part No.	Description
ERPP008	14.5-oz. Cartridge
ERPP008T	16-oz. Tub



G-200 Synthetic Grease

High-temperature, low-speed synthetic grease is well suited for severe applications including disc brake wheel bearings, universal joints, fan hubs, fifth wheels, etc. Sold in a 14.5-oz. cartridge or 16-oz. tub.

Part No.	Description
ERPP006	14.5-oz. Cartridge
ERPP006T	16-oz. Tub



Multipurpose Penetrating Lube

ERPP010

Lubricant features the metal conditioning technology of Energy Release in a convenient aerosol can. Product guards against rust on exposed metal surfaces, frees bolts and fittings frozen by rust or corrosion. Sold in a 12-oz. aerosol can.



Cutting and Tapping Fluid ERPP011

Superior cutting formula incorporates Energy Release to help tools cut through the hardest materials without distortion or tool wear. Fluid reduces heat and provides superior protection to cutters, drills, taps, reamers, and punches. Sold in a 13.75-oz. aerosol can.



Gear and Chain Clear Grease

ERPP018

High-quality, soluble grease designed to form a protective barrier against moisture and extreme temperatures. Lubricant is recommended for all types of chains and gears. Helps reduce wear and prevents rust from forming on exposed surfaces. Sold in 13-oz. aerosol can.



Polyurethane Suspension Components

Components are unaffected by oil, atmospheric conditions, chemicals, or heat, and will not deteriorate or rot, lessening the chance of uncertain response under racing conditions. Hyper-Flex Systems include a boxed set of suspension bushings, body mounts, spring isolators, etc.

Indicate color, **G (Black)** or **R (Red)**, when ordering. Example: **ENE3-3156R (red)**.



Acura Integra Type R (1994-01)

Year	Rear Trailing Arm Bushing Set	Shifter Stabilizer
1994-01	ENE16-7106G	ENE16-1101G

Buick Century (RWD), Regal (RWD) (Exc. Somerset), Grand National, Skylark (Through 1972), Special

Year	Front End Control Arm Bushing Set	Rear End Control Arm Bushing Set	Body Mount Set	Transmission Mount	Front End Links	Tie Rod Boots
1982-87	ENE3-3156G	ENE3-3132G	ENE3-4141G	ENE3-1108G	—	ENE9-13101G^A
1978-81	ENE3-3156G	ENE3-3132G	—	ENE3-1108G	—	ENE9-13101G^A
1974-77	ENE3-3105G	ENE3-3132G	—	ENE3-1108G	ENE9-8117G	ENE9-13101G^A
1973	ENE3-3103G	ENE3-3132G	—	ENE3-1108G	ENE9-8117G	ENE9-13101G^A
1966-72	ENE3-3101G^B or ENE3-3172G^C	—	—	ENE3-1108G	ENE9-8118G	ENE9-13101G^A

A: 2 boots per package. **B:** With all round bushings. **C:** With oval rear lower bushing.

Hyper-Flex Systems and Misc. Sets/Components

Part No.	Description	Part No.	Description
ENE3-18110G	1978-87 Hyper-Flex System, Complete Master Set	ENE3-6108G	1974-87 Front Coil Spring Isolator Set
ENE3-18112G	1966-72 Hyper-Flex System, Complete Master Set	ENE9-13125G	1964-72 Ball Joint Dust Boot Set
ENE9-13128G	1973-87 Ball Joint Dust Boot Set		

Chevrolet Camaro, Pontiac Trans Am, Firebird

Year	Front End Control Arm Bushing Set	Rear Leaf Spring Bushing Set	Body Mount Set	Transmission Mount	Front End Links	Tie Rod Boots
1980-81	ENE3-3106G	ENE3-2103G	ENE3-4144G^G ENE3-4142G^F	ENE3-1108G	ENE9-8117G	ENE9-13101G^A
1976-79	ENE3-3105G	ENE3-2103G	ENE3-4144G^G ENE3-4142G^F	ENE3-1108G	ENE9-8117G	ENE9-13101G^A
1974-75	ENE3-3105G	ENE3-2103G	ENE3-4142G	ENE3-1108G	ENE9-8117G	ENE9-13101G^A
1973	ENE3-3103G	ENE3-2103G	ENE3-4142G	ENE3-1108G	ENE9-8117G	ENE9-13101G^A
1970-72	ENE3-3102G	ENE3-2103G	ENE3-4142G	ENE3-1108G	ENE9-8117G	ENE9-13101G^A

A: 2 boots per package. **F:** Camaro. **G:** Firebird

Hyper-Flex Systems and Misc. Sets/Components

Part No.	Description	Part No.	Description
ENE3-18116G	1974-75 Hyper-Flex System, Complete Master Set	ENE3-9102G	1975-81 Front Upper Bump Stop Set
ENE3-18117G	1976-79 Hyper-Flex System, Complete Master Set	ENE9-13128G	1970-81 Ball Joint Dust Boot Set

Chevrolet Chevelle, Monte Carlo, Malibu, Laguna, El Camino (1968-88)

Year	Front End Control Arm Bushing Set	Rear End Control Arm Bushing Set	Body Mount Set	Transmission Mount	Front End Links	Tie Rod Boots
1978-88	ENE3-3156G	ENE3-3132G	ENE3-4141G	ENE3-1108G	ENE9-8119G	ENE9-13101G^A
1975-77	ENE3-3105G	ENE3-3132G	—	ENE3-1108G	ENE9-8117G	ENE9-13101G^A
1974	ENE3-3105G^J	ENE3-3132G	—	ENE3-1108G	ENE9-8117G	ENE9-13101G^A
1973	ENE3-3103G^J	ENE3-3132G	—	ENE3-1108G	ENE9-8117G	ENE9-13101G^A
1968-72	ENE3-3101G^B or ENE3-3172G^C	ENE3-3132G	ENE3-4115G^M	ENE3-1108G	ENE9-8118G	ENE9-13101G^A

A: 2 boots per package. **B:** With all round bushings. **C:** With oval rear lower bushing. **J:** 1-5/8" O.D. front lower. **L:** Convertible only. **M:** Except convertible Monte Carlo - use **ENE3-3134G**.

Hyper-Flex Systems and Misc. Sets/Components

Part No.	Description	Part No.	Description
ENE3-18110G	1978-88 Hyper-Flex System, Complete Master Set	ENE3-6108G	1974-88 Rear Coil Spring Isolator Set
ENE9-13128G	1973-88 Ball Joint Dust Boot Set	ENE9-13125G	1964-72 Ball Joint Dust Boot Set

Ford Mustang, Mercury Capri (1979-93)

Year	Front End Control Arm Bushing Set	Rear End Control Arm Bushing Set	Front End Links	Tie Rod Boots	Front Ball Joint Boot Set
Ford Mustang					
1983-93	ENE4-3132G	ENE4-3114G^{Q,B} , ENE4-3115G^{Q,C}	ENE9-8121G	ENE9-13101G^A	ENE9-13130G
1979-82	ENE4-3132G^R	ENE4-3114G^{Q,B} , ENE4-3115G^{Q,C}	ENE9-8121G	ENE9-13101G^A	ENE9-13130G
Mercury Capri					
1979-86	ENE4-3132G^R	ENE4-3114G^{Q,B} , ENE4-3115G^{Q,C}	ENE9-8121G	ENE9-13101G^A	ENE9-13130G

A: 2 boots per package. **B:** With all round bushings. **C:** With oval rear lower bushing. **Q:** Must reuse other metal shells. **R:** Except HD suspension.

Hyper-Flex Systems and Misc. Sets/Components

Part No.	Description	Part No.	Description
Ford Mustang (Except 1984-86 SVO); Mercury Capri		Ford Mustang (Except 1984-86 SVO); Mercury Capri	
ENE4-10102G	1979-9/30/84 Rack and Pinion Bushing Set	ENE4-1104G	1979-84 Transmission Mount 6 Cylinder, All Transmissions
ENE4-10103G	10/1/84-04 Rack and Pinion Bushing Set	ENE4-1104G	1979-86 Transmission Mount 4 Cylinder, All Transmissions
ENE4-1104G	1980-95 Transmission Mount, 8 Cylinder, All Transmissions	ENE9-13130G	1979-86 Ball Joint Dust Boot Sets



Polyurethane Suspension Components (Cont.)

Indicate color, G (Black) or R (Red), when ordering. Example: ENE3-3156R (red).

HONDA ACCORD (1990-97)

Year	Front End Control Arm Bushing Set	Front Strut Rod Kit	Front 22mm Sway Bar Bushings	Front 25mm Sway Bar Bushings	Rear 22mm Sway Bar Bushings
1990-97	ENE16-3106G	ENE16-7103G	ENE9-5126G	ENE9-5129G	ENE9-5126G *

* Fits 1997-01 only.

Honda Civic (1988-05)

Year	Front End Control Arm Bushing Set	Front Strut Rod Kit	Front 22mm Sway Bar Bushings	Front 25mm Sway Bar Bushings
1988-00	ENE16-3116G	—	—	—
1988-00	—	ENE16-10104G†	ENE16-7106G	ENE16-1102G

Part No.	Description
ENE16-18118G	Hyper-Flex System, Complete Master Set, 1996-00 Civic, Non-SI

Mazda Miata (1990-97)

Year	Front Sway Bar Bushing Set	Rear Control Arm Bushing Set
1990-97	ENE11-5102G	ENE11-3106G

Part No.	Description
ENE11-18102G	Hyper-Flex System, Complete Master Set, 1990-97 Miata

Oldsmobile Cutlass, 442, F-85 (1966-88)

Year	Front End Control Arm Bushing Set	Rear End Control Arm Bushing Set	Body Mount Set	Transmission Mount	Front End Links	Tie Rod Boots
1978-88	ENE3-3156G	ENE3-3132G	ENE3-4141G	ENE3-1108G	ENE9-8119G	ENE9-13101G ^A
1974-77	ENE3-3105G	ENE3-3132G	—	ENE3-1108G	ENE9-8118G ^W ENE9-8117G ^V	ENE9-13101G ^A
1973	ENE3-3103G	ENE3-3132G	—	ENE3-1108G	ENE9-8118G	ENE9-13101G ^A
1966-72	ENE3-3101G ^B ENE3-3172G ^C	ENE3-3132G	—	ENE3-1108G	ENE9-8118G	ENE9-13101G ^A

A: 2 boots per package. B: With all round bushings. C: With oval rear lower bushing. V: 1975-77. W: 1974 Only.

Hyper-Flex Systems and Misc. Sets/Components

Part No.	Description	Part No.	Description
ENE3-18110G	1978-87 Hyper-Flex System, Complete Master Set	ENE3-6108G	1974-88 Rear Coil Spring Isolator Set
ENE3-18112G	1966-72 Hyper-Flex System, Complete Master Set	ENE9-13125G	1964-72 Ball Joint Dust Boot Set
ENE3-1108G	1964-87 Transmission Mount, All Rear Wheel Drive	ENE9-13128G	1973-87 Ball Joint Dust Boot Set

Pontiac LeMans, GTO, Tempest, Grand Am (to 1981), Grand Prix (1982-88)

Year	Front End Control Arm Bushing Set	Rear End Control Arm Bushing Set	Body Mount Set	Transmission Mount	Front End Links	Tie Rod Boots
1982-88	ENE3-3156G ^G	ENE3-3132G ^G	ENE3-4141G	ENE3-1108G	ENE9-8117G ^G	ENE9-13101G ^A
1978-81	ENE3-3156G	ENE3-3132G	—	ENE3-1108G	ENE9-8119G	ENE9-13101G ^A
1974-77	ENE3-3105G	ENE3-3132G	—	ENE3-1108G	ENE9-8117G	ENE9-13101G ^A
1973	ENE3-3103G	ENE3-3132G	—	ENE3-1108G	ENE9-8117G	ENE9-13101G ^A
1966-72	ENE3-3172G ^C	ENE3-3132G	—	ENE3-1108G	ENE9-8118G	ENE9-13101G ^A

A: 2 boots per package. C: With oval rear lower bushing. G: Grand Prix Only.

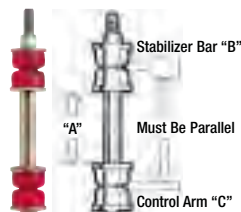
Hyper-Flex Systems and Misc. Sets/Components

Part No.	Description	Part No.	Description
ENE3-18110G	1978-88 Hyper-Flex System, Complete Master Set	ENE3-6108G	1974-88 Rear Coil Spring Isolator Set
ENE3-18112G	1967-72 All Models Above Hyper-Flex System, Complete Master Set	ENE9-13128G	1964-81 Ball Joint Dust Boot Set

Sway Bar Bushing and End Link Sets

Economical, easy-to-install, and dollar-for-dollar the best improvement in performance handling short of installing a larger sway bar. Set includes 3/8" grade 5 bolts, "Nyloc" nuts, washers, and bushings. Indicate color, G (Black) or R (Red), when ordering.

Part No.	"A" Length
ENE9-8122G	1"
ENE9-8120G	1-5/8"
ENE9-8123G	2"
ENE9-8125G	2-3/8"
ENE9-8117G	2-5/8"
ENE9-8118G	2-7/8"
ENE9-8119G	3-3/8"
ENE9-8121G	4-1/2"



End Link Sets, Length Information

To measure for correct end link fit, vehicle must be on level ground and not jacked up. Make sure sway bar and eyelet "B" are parallel with control arm "C". You may be able to use a longer or shorter sleeve length than the original. Measure sleeve length "A" and compare listed parts.

Heavy-Duty End Link Set ENE9-8105G

Heavy-duty sway bar end link set fits all domestic applications. Includes 8 grommets (designed for high-performance use) and 8 heavy-gauge washers.



Polyurethane Suspension Components (Cont.)

Indicate color, G (Black) or R (Red), when ordering.
Example: **ENE3-3156R** (red).

Front or Rear Sway Bar Bushing Sets

Sway bar bushings with matching heavy-gauge brackets deliver maximum performance, perfect fit, and durability. Urethane bushings are economical, much more effective than stock rubber bushings, and yield results similar to the installation of a larger diameter sway bar. Now available in non-greasable and greasable styles.

Non-Greasable	Greasable	Size
ENE9-5104G	—	5/8"
ENE9-5105G	ENE9-5155G	11/16"
ENE9-5106G	ENE9-5156G	3/4"
ENE9-5107G	ENE9-5157G	13/16"
ENE9-5108G	ENE9-5158G	7/8"
ENE9-5109G	ENE9-5160G	15/16"
ENE9-5110G	ENE9-5161G	1"
ENE9-5111G	ENE9-5162G	1-1/16"
ENE9-5112G	ENE9-5164G	1-1/8"
ENE9-5113G	ENE9-5165G	1-1/4"

Control Arm Bushing Sets, Lower Only

Energy Suspension control arm bushing "half" sets service race cars equipped with aftermarket polyurethane-bushed front upper or rear lower control arms. "Half" sets fit into the stock lower control arms to provide the full benefit of polyurethane bushings. Complete sets also available.

Lower Set Part No.	Complete Set Part No.	Application
ENE3-3165G	ENE3-3101G ENE3-3102G	1967-72 Camaro/Firebird, 1967-72 Chevelle/Monte Carlo/Malibu, 1968-74 Nova/Chevy II, 1966-72 Skylark
ENE3-3167G	ENE3-3103G ENE3-3105G ENE3-3106G	1973-79 Camaro/Firebird, 1973-74 Chevelle/Monte Carlo/Malibu, 1973-77 Caprice/Impala, 1980-81 Camaro/Firebird,
ENE3-3168G *	ENE3-3172G *	1967-72 Chevelle/Monte Carlo/Malibu
ENE3-3171G	ENE3-3156G	1978-88 Chevelle, Malibu, Monte Carlo, Regal, Cutlass, LeMans, Grand Prix

* Includes oval rear lower bushings.



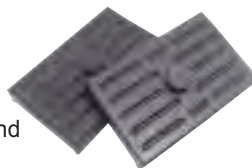
SB Chevy IMCA-Legal Cast Iron Cylinder Head **ENQCH350I**

The sole legal spec head option for small block Chevy-powered IMCA Sport Mods and Hobby Stocks. Cast iron cylinder head is a direct replacement for OEM Chevy 350 heads and includes 176cc intake ports, 76cc combustion chambers, 1.94" intake and 1.50" exhaust valves. Heads feature a superior port finish for increased air flow, redesigned water passages for improved cooling, thicker decks, and a three-angle valve job. Head is serial numbered and includes the IMCA logo. Sold individually as bare castings.



Leaf Spring Pad Sets

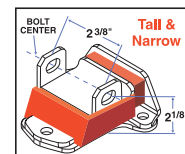
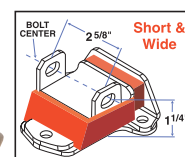
Urethane pads insulate the leaf spring from the perch. Pads have a provision for centerbolt. Sets include two upper and two lower pads.



Part No.	Description
ENE3-6111G	1970-81 Camaro/Firebird, Multi-Leaf
ENE3-6112G	1968-69 Camaro/Firebird, 1962-79 Chevy II/Nova, Multi-Leaf
ENE3-6113G	1967-69 Camaro/Firebird, 1962-74 Chevy II/Nova, Mono-Leaf

Chevrolet Motor Mounts

The first replacement polyurethane engine mounts available with a built-in safety lock. Chevy "early style" mounts are designed for high-horsepower, high-torque engines and are available in chrome or zinc-plated steel in black (-G) or red (-R). See illustration for proper mount selection. Sold individually.



Part No.	Description
ENE3-1114G	"Short and Wide" Zinc Plated Mount
ENE3-1115G	"Short and Wide" Chrome Plated Mount
ENE3-1117G	"Tall and Narrow" Zinc Plated Mount
ENE3-1118G	"Tall and Narrow" Chrome Plated Mount

Chevrolet "Clam Shell" Motor Mount Inserts

Install Hyper-Flex inserts into existing "clam shell" type motor mounts. Far superior to original rubber inserts. Available for Chevy three- or four-bolt "clam shell" type motor mounts. Involves drilling out existing welds/rivets and re-using the original outer shells. Sold individually.



Part No.	Description
ENE3-1116G	Motor Mount Insert, 4-Bolt Style
ENE3-1121G	Motor Mount Insert, 3-Bolt Style

GM Transmission Mount **ENE3-1108G**

Multi-fit replacement transmission mount is strong enough to withstand the rigors of competition use and soft enough to work well on street cars. Safety interlock feature adds integrity. Mount fits GM automatic or manual transmissions (3, 4, or 5-speed) and will also fit models with single stud crossmember mounting point.



SB Chevy Vortec Cast Iron Cylinder Head **ENQCH350C**

Popular replacement Vortec head eliminates the costly and time-consuming chore of finding suitable, ready-to-use cores. Cast iron head is a direct replacement for 1996-02 350 cu. in. (5.7L) "062" and "906" castings. Offers a superior port finish for improved air flow, thicker decks, redesigned water passages, CNC-machined guides and seats, and a three-angle valve job. Heads have 170cc intake ports, 64cc combustion chambers, and accept 1.94" intake and 1.50" exhaust valves. Sold individually as bare castings.





Stock Car Radiators

These lightweight aluminum stock car radiators feature double-pass, fully-brazed construction, allowing water to pass through the radiator twice for superior cooling efficiency, lowering coolant temperature up to 20°F.

Part No.	Description
FSR2619D2	Chevy Double Pass, 26" x 19"
FSR2619D2-16	Chevy Double Pass, 26" x 19", -16AN Upper Fitting
FSR2619D2-20	Chevy Double Pass, 26" x 19", -20AN Upper Fitting



Single-Pass Radiator

FSR2619S2

Two-row, single-pass all-aluminum construction. Fully furnace-brazed, eliminating the need for any epoxy on the header-to-joint tube. GM style, 1-1/2" inlet / 1-3/4" outlet.



Triple-Pass Aluminum Radiators

The ultimate in cooling. Professionally-designed and fully track tested, Triple-Pass all-aluminum, fully-furnace-brazed radiators allow the water to pass through the radiator three times instead of once, reducing operating temperatures up to 30°F. Radiators listed feature an efficient two-row design. Offered in Chevy configuration only.

Part No.	Description
FSR2219T2	19" x 22"
FSR2419T2	19" x 24"
FSR2419TF2	19" x 24"
FSR2619T2	19" x 26"
FSR2719T2	19" x 27"
FSR3119T2	19" x 31"



Water-to-Oil Heat Exchanger

FSR101700

Much more efficient than traditional air-to-oil units. Compact, high-capacity water-to-oil heat exchanger is 11" long x 4" wide x 3" thick. Built-in mounting flanges ease installation.



Canopy Weights

FAC90013

Recommended addition when canopy is exposed to windy conditions. Pack of (4) weights.



Custom Pop-Up Tents

The ultimate method to provide shade and shelter. Canopies combine lightweight, durable aluminum hardware with attractive black, fire-retardant and weather-resistant top covers. User-friendly design allows quick, easy set-up with telescopic legs that snap into place with the click of a button. Optional wheeled canopy bag to ease transport may be purchased separately. Canopies may also be ordered with top covers featuring custom graphics.



Description	Canopy Part No.	Weight	Dimensions	Wheeled Canopy Bag Part No.	Replacement Top Part No.	Replacement Frame Part No.
10' x 10'	FAC30001	52 lbs.	120" W. x 120"D. x 137"H.	FAC90020	FAC10001	FAC20001
10' x 15'	FAC30011	58 lbs.	180" W. x 120"D. x 137"H.	FAC90021	FAC10011	FAC20011
10' x 20'	FAC30021	68 lbs.	220" W. x 120"D. x 137"H.	FAC90022	FAC10021	FAC20021

Custom Pop-Up Tent Accessories

- Double-Sided Back Wall • Double-Sided Side Skirts
- 14' Teardrop or 15' Feather Flags • Premium X Base with Weight Bag • Premium Wheeled Carry Bag

Factory Canopies offers a wide variety of promotional items, all available by special order, emblazoned with your company or race team logo, if desired.

- Custom-Designed Dye-Sublimated Canopies • Fabric Pop-Out Banners
- Custom Flags • Umbrellas • Inflatable Canopies • Star Canopies
- Table Covers • Flying Flags and Banners • Premium Pop-Up Display
- Fencing • Premium Hanging Signs • Step and Repeat
- Custom Banners • Retractable Banners



Canopy Wall Kits

NEW!

Keep the sun out and add privacy to a Factory Canopies Custom Pop-Up Tent. Fire- and water-resistant canopy wall kits cover three sides. Black only.



Part No.	Description
FAC40001-KIT	10' x 10' Canopy Wall Kit
FAC41001-KIT	10' x 15' Canopy Wall Kit
FAC42001-KIT	10' x 20' Canopy Wall Kit



Economy High-Strength Rod Ends

Economical, two-piece CMX/CMXL rod ends have hard chrome-plated 52100 steel ball and heat-treated alloy steel bodies. (Available with a PTFE liner. Add a "T" to the end of the part number.)

RH Part No.	LH Part No.	Thread Size	Hole Size	Ult. Static Radial Load
FKBCM8	FKBCM8L	1/2"-20	.500"	17,000
FKBCM10-8	FKBCM10L-8	5/8"-18	.500"	18,000
FKBCM10	FKBCM10L	5/8"-18	.625"	18,000
FKBCM12-10	FKBCM12L-10	3/4"-16	.625"	25,000
FKBCM12	FKBCM12L	3/4"-16	.750"	25,000
FKBCF5	—	5/16"-24	.312"	3,934
—	FKBCML6	3/8"-24	.375"	5,100



High-Strength Rod Ends **NEW!**

Three-piece, high-strength rod ends combine a heat-treated, stainless steel ball with a heat-treated 17-4PH body and race, and PTFE liner.

RH Part No.	LH Part No.	Thread Size	Hole Size	Ult. Static Radial Load
FKBSJM8T	—	1/2"-20	.500"	19,520



Precision Series Rod Ends

Three-piece rod ends are made of high-strength alloy with 52100 hard chrome-plated steel balls, heat-treated steel alloy bodies, and races. (Rod ends are also available with a PTFE liner. Add a "T" to the end of the part number.)

RH Part No.	LH Part No.	Thread Size	Hole Size	Ult. Static Radial Load
FKBJMX6	FKBJMXL6	3/8"-24	.375"	9,550
FKBJMX7	FKBJMXL7	7/16"-20	.437"	10,290
FKBJMX8	FKBJMXL8	1/2"-20	.500"	16,242
FKBJMX10	FKBJMXL10	5/8"-18	.625"	17,959
FKBHJMX10T	FKBHJMXL10T	5/8"-18	.625"	28,109
FKBJMX12	—	3/4"-16	.750"	11,550
FKBJMX12	FKBJMXL12	3/4"-16	.750"	28,090
FKBJMX14T	FKBJMXL14T	7/8"-14	.875"	55,690

Note: Part nos. with "T" suffix are PTFE-lined.



Extra-Strength Heavy-Duty Shank Rod Ends

RSM/RSML three-piece rod ends have extra strength, heavy-duty shanks with low-carbon steel, chromate-treated bodies, hard chrome-plated steel balls, and heat-treated steel alloy races. RSMX/RSMXL rod ends have heat-treated alloy steel bodies.

RH Part No.	LH Part No.	Thread Size	Hole Size	Ult. Static Radial Load
—	FKBRSM7	1/2"-20	.437"	9,685
FKBRSM8	FKBRSM8L	5/8"-18	.500"	12,843
FKBRSMX8	FKBRSMX8L	5/8"-18	.500"	31,420
FKBRSMX8T*	—	5/8"-18	.500"	31,420
FKBRSMX10-8	FKBRSMX10-8L	3/4"-16	.500"	40,590
FKBRSMX10-8T*	FKBRSMX10-8T*	3/4"-16	.500"	40,590
FKBRSMX10	FKBRSMX10L	3/4"-16	.625"	40,590

Note: Part nos. with "T" suffix are PTFE-lined.



Aluminum Series Rod Ends

Three-piece male rod ends are manufactured using black anodized aluminum 7075-T6 bodies, heat-treated and hard chrome-plated steel balls, and heat-treated, chromate-treated and zinc-plated races.

RH Part No.	LH Part No.	Thread Size	Hole Size	Ult. Static Radial Load
FKBALJM5	—	5/16"-24	.312"	2,850
FKBALJM6	—	3/8"-24	.375"	4,208
FKBALRSM8B	FKBALRSM8BL	5/8"-18	.500"	14,880
FKBALRSM8B-6T	—	5/8"-18	.375"	14,880
FKBALRSM10-8T*	—	3/4"-16	.500"	19,240
—	FKBALJML3	10-32	.190"	1,360



High Misalignment Series Rod End

Designed for high misalignment applications, three-piece rod end features a heat-treated and hard chrome-plated steel ball, chromate treated and zinc plated steel race, 4340 steel heat-treated and chromate-treated body, and PTFE liner.

RH Part No.	LH Part No.	Thread Size	Hole Size	Ult. Static Radial Load
FKBHJMX6T	—	3/8"-24	.512"	11,390
FKBHRSMX8T	—	5/8"-18	.500"	23,703
—	FKBHRSMXL7T	3/4"-16	.512"	11,390



Solid Rod Ends **NEW!**

One-piece, solid rod ends are manufactured from low-carbon steel and zinc plated for corrosion resistance.

RH Part No.	LH Part No.	Thread Size	Hole Size	Ult. Static Radial Load
FKBRD2	—	5/8"-18	.625"	18,500



High Misalignment Bushings

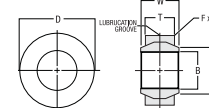
Bushings increase misalignment angle, while reducing bore sizes in rod ends and spherical bearings. Sold per pair.



Part No.	Description	B Dia.	C Dia.	D Length	E Length	F Dia.	G Dia.
FKB8-6HB	"8" Rod End, 50° Angle	.375"	.645"	.627"	.342"	.667"	.499"
FKB10-8HB	"10" Rod End, 58° Angle	.500"	.840"	.900"	.300"	.795"	.624"
FKB12-8HB	"12" Rod End, 60° Angle	.500"	.995"	.900"	.475"	.930"	.749"
FKB12-10HB	"12" Rod End, 48° Angle	.625"	.995"	.900"	.475"	.930"	.749"
FKB14-8HB	"14" Rod End, 46° Angle	.500"	1.040"	1.055"	.625"	1.035"	.874"
FKB16-10HB-2	"16" Rod End, 66° Angle	.625"	1.245"	1.497"	.817"	1.225"	.999"

Heavy-Duty Spherical Bearings

Spherical bearings are offered in two- (ball/race) and three-piece (ball/body/race) designs. All include PTFE liners.



Part No.	Description	B Dia.	D Dia.	W Width	T Width	O Dia.	Ult. Static Radial Load
FKBWSSX8T	2-Pc. Wide Series	.500"	1.000"	.625"	.505"	.607"	21,400
FKBCOM10T	2-Pc. Commercial	.625"	1.187"	.625"	.500"	.739"	21,280
FKBFSK10T	Precision Series	.625"	1.187"	.625"	.500"	.739"	48,000
FKBHIN10T	3-Pc. High Misalignment Series	.625"	1.3750"	1.200"	.567"	.856"	44,652
FKBCOM12T	2-Pc. Commercial	.750"	1.4375"	.750"	.593"	.920"	31,920
FKBWSSX12T	2-Pc. Wide Series	.750"	1.3750"	.875"	.630"	.845"	37,000
FKBFSK12T	Precision Series	.750"	1.4375"	.750"	.593"	.920"	78,000
FKBWSSX14T	2-Pc. Wide Series	.875"	1.625"	.875"	.755"	1.061"	65,200
FKBWSSX16T	2-Pc. Wide Series	1.000"	2.1250"	1.375"	1.005"	1.269"	104,000

Bearing Cups for Spherical Bearings

Manufactured from 4130 alloy steel, bearing cups are sold complete with snap ring.



Part No.	Description	I.D.	Width	O.D.	Replacement Snap Ring
FKBCP10	Fits COM10T, FKS10T, FKSSX10T	1.187"	.875"	1.500"	FKBSR10
FKBCP12	Fits COM12, FKS12, FKSSX12T	1.4375"	1.000"	1.750"	FKBSR12
FKBCPW12	Fits WSSX12T	1.375"	1.000"	1.750"	—
FKBCPW16	Fits AIN16, WSSX16T	2.1250"	1.500"	2.625"	—

Clevis

Low-carbon steel clevis are chromate-treated and zinc-plated.

Part No.	Bore	Thread
FKBCV1	3/8"	5/8"-18
FKBCV5	3/8"	1/2"-20



Steel and Aluminum Jam Nuts

Thread Size	Hex Size	Steel RH	Steel LH	Alum. RH	Alum. LH
10-32	3/8"	FKBSJNR03	FKBSJNL03	—	—
5/16"-24	1/2"	—	—	FKBAJNR05	FKBAJNL05
3/8"-24	9/16"	FKBSJNR06	FKBSJNL06	FKBAJNR06	—
7/16"-20	11/16"	—	—	FKBAJNR07	FKBAJNL07
1/2"-20	3/4"	FKBSJNR08	FKBSJNL08	FKBAJNR08	FKBAJNL08
5/8"-18	15/16"	FKBSJNR10	FKBSJNL10	FKBAJNR10	FKBAJNL10
3/4"-16	1-1/8"	FKBSJNR12	FKBSJNL12	FKBAJNR12	FKBAJNL12
7/8"-14	1-1/4"	FKBSJNR14	FKBSJNL14	—	—
1-1/4"-12	1-5/8"	FKBSJNR16	FKBSJNL16	—	—

Weldable Tube Ends **NEW!**

Commonly required when fabricating suspension or chassis components. 4130 chrome moly steel material.

Tube O.D. & Wall Thickness	Thread	RH Part No.	LH Part No.
1" x .065"	1/2"-20	—	FKB2006L
1" x .083"	5/8"-18	FKB2107	FKB2107L
1" x .095"	1/2"-20	FKB2206	FKB2206L
1-1/4" x .095"	5/8"-18	FKB2707	—
1-1/4" x .120"	3/4"-16	FKB2808	FKB2808L
1-3/4" x .250"	7/8"-14	FKB3409	FKB3409L



Flo-Max Fuel Filter/Water Separator Systems

Flo-Max filter systems flow up to 300 gallons per hour and use a high-efficiency, 5-micron filtration and water separation element. Compact, light billet aluminum housings use replaceable spin-on filters to eliminate the chance of fuel system contamination. System has no housing seals or gaskets to leak or swell. Choose systems with red, clear, or black anodized housings.

Part No.	Color	Ports	Size
High Performance/Racing			
FILRPM300	Red	1/2" NPT	4-1/4" H. x 3" W. x 3-3/4" D.
FILRPM350	Clear	-6, -8 ORB	4-1/4" H. x 3" W. x 3-3/4" D.
Racing/Marine			
FILRPM500	Black	-12 ORB	8" H. x 3-3/4" W. x 5" D.



Race Billet Distributors

Engineered for race-only applications, analog-design billet aluminum distributors utilize precision, locked-out timing. Distributors are fitted with durable, bearing- and bushing-supported stainless steel shafts, steel distributor gears, high-quality caps, and plug-in wiring harnesses. Choose from units with small or large diameter distributor caps.

Part No.	Description
FST1000-1510	Chevy V-8, 1955-96, Large Dia. Cap
FST1000-1511	Chevy V-8, 1955-96, Small Dia. Cap
FST1000-1610	SB Ford 289-302, Large Dia. Cap
FST1000-1610B	SB Ford 289-302, Large Dia. Cap, Non-Melonized Steel Gear NEW!
FST1000-1611	SB Ford 289-302 XDi, Small Dia. Cap, Non-Melonized Steel Gear NEW!
Replacement Components	
FST1000-1551	Cap, Large Dia.
FST1000-1556	Large Rotor



XDi EZ-RUN Distributors **NEW!**

Ready-to-run distributors require no external ignition box, yet deliver superior reliability and improved spark energy. Distributors utilize a built-in electronic module and feature both mechanical and vacuum advance.

Part No.	Description
FST306005	Chevy V8, 1955-1996
FST306007	SB Ford 289-302
FST306009	SB Ford 351W



HI-6RC Digital CD Ignition

Approved as the ignition of choice by ARCA/CRA, ARCA Midwest, American Modified, USMTS, USRA, WISSOTA, and other series, multi-spark CD ignition features a fully digital design for precise operation. Rev limit is fully adjustable in 100 RPM increments using rotary dials and unit includes a built-in start/retard function. A LED light displays power and trigger signal, easing troubleshooting. Includes shock mounts, wiring, and hardware for installation. May be purchased separately, or complete with PS92N E-Core ignition coil (FST730-0192) and ignition mounting tray.

Part No.	Description
FST6000-6700	HI-6RC Digital CD Ignition Only
FST6000-6701	HI-6RC Digital CD Ignition and Coil Kit



PS60 Ignition Coil

FST730-0060

Nickel-plated, oil-filled canister-style coil utilizes an E-core design to prevent voltage loss and ensure that a more powerful spark gets to the plugs. Designed for extended-use circle track racing applications, coil includes .400 ohms of primary resistance and 3.80 ohms of secondary resistance.



GM HEI Distributor

Advance Lockout Kit **NEW!**

FST1000-2503

Includes necessary components to lock out the advance mechanism in GM HEI distributors.



HI-6RN Digital CD Ignition Kits

Multi-spark CD ignition uses a digital design for precise operation and is approved for use by racing series including American Modified, ARCA/CRA, ARCA Midwest, IMCA, USMTS, USRA, and WISSOTA. The sequential rev limiter offers added engine life, while rotary switches use precise, "click-in" detents for easy adjustments. Ignition may be purchased in kit form with PS92N E-Core ignition coil (FST730-0192), Race Billet distributor, and FireWire 8.5mm universal spark plug wire kit.

Part No.	Description
FST6000-6700C	HI-6RN Digital CD Ignition Kit, Chevy V-8
FST6000-6700SBF	HI-6RN Digital CD Ignition Kit, SB Ford 289-302



Firewire Spark Plug Wire Sets

Firewire spark plug wire sets offer just 25 ohms per foot of resistance, resulting in superior spark energy. Choose from custom fit or universal, cut-to-fit sets. Universal sets are sold complete with HEI and socket boots/terminals. Available universal sets with sleeving offer increased resistance to heat and abrasion.



Part No.	Description
Universal Spark Plug Wire Sets	
FST255-0081	V8 Wire Set, Straight Plug Boots
FST255-0082	V8 Wire Set, 90° Plug Boots
FST255-0083	V8 Wire Set, 135° Plug Boots NEW!
FST295-2422*	GM LS Cut-to-Fit Wire Set, 135°/45° Plug Boots NEW!
FST295-2423*	GM LS Cut-to-Fit Wire Set, 90° Plug Boots NEW!
Universal Spark Plug Wire Sets with Sleeving	
FST295-0081	V8 Wire Set, Straight Plug Boots
FST295-0082	V8 Wire Set, 90° Plug Boots
Custom Fit Spark Plug Wire Sets	
FST255-2402	SB Chevy HEI Wire Set, 90° Plug Boots/Over Valve Covers NEW!
FST295-2401	SB Chevy HEI Wire Set with Sleeving, 90° Plug Boots/Over Valve Covers NEW!
FST255-2416	BB Chevy HEI Wire Set, 90° Plug Boots NEW!

* For use with LS-style ignition coils.

PS92N E-Core Race Coil

FST730-0192

Engineered specifically for use with high-RPM, race-only applications using a CD ignition. E-Core coil is fitted to a lightweight aluminum, black anodized mounting bracket. Compatible with a wide variety of ignitions including the Crane HI-6N, HI-6RL, HI-6RN, and HI-6RC.





PS50 Ignition Coil **NEW!** FST730-0050

Oil-filled, high-performance canister-style ignition coil incorporates special low-resistance windings for increased spark intensity and improved high-RPM operation. Compatible with all OEM electronic ignitions.



XR Series Ignition Coil Set **NEW!** FST30388-8

High-performance ignition coils, designed for GM Gen. V LT engines, are constructed from premium, ultra-pure copper windings, resulting in 15%-20% more spark energy. Proven to perform under the harshest racing conditions, coils are proven to 8,000+ RPM and nearly 1,500 horsepower. Sold as a set of eight.



Magnet Crank Trigger Kits **NEW!**

Crank trigger kits utilize a digital Hall-effect pick-up that delivers improved timing accuracy and noise immunity, while remaining compatible with all brands of ignitions. Offering 1/4° of timing accuracy up to 13,000 RPM, it is operational from 7.5-30 volts with no performance change. Black anodized, billet aluminum unit with Samarium cobalt magnets feature a built-in LED for setting static timing and diagnostics. Sold complete with wiring harness and necessary hardware.



Part No.	Description
FST301275	SB Chevy, 7" Balancer
FST301285	SB Chevy, 8" Balancer
FST301185	BB Chevy, 8" Balancer
FST303560	SB Ford, 6-9/16" Balancer



Carbon Fiber Driveshafts

Manufactured from lightweight carbon fiber and fit with aluminum (unless specified) end yokes, 2-1/4" driveshafts are designed for Modifieds, Sport Mods, or Crate Late Models and weigh just 7 lbs. The 3-1/4" diameter driveshafts are recommended for Late Models and weigh just 8 lbs. All driveshafts are sold less slip yoke.



Part No.	Description
2-1/4" Dia. Driveshafts (Modifieds, Sport Mods, Crate Late Models)	
FSH2CF-10X10-295	29.5" Long
FSH2CF-10X10-325	32.5" Long
FSH2CF-10X1035	35" Long NEW!
FSH2CF-10X1037	37" Long NEW!
FSH2CF-10X10375	37.5" Long NEW!
FSH2CF-10X1038	38" Long NEW!
FSH2CF-10X10-385	38.5" Long
2-1/4" Dia. Driveshafts with Steel End Yokes	
FSH275CF-10X10345	34.5" Long NEW!
FSH275CF-10X1037	37" Long NEW!
FSH275CF-10X10375	37.5" Long NEW!
FSH275CF-10X1038	38" Long NEW!
FSH275CF-10X10385	38.5" Long NEW!
3" Dia. Driveshafts	
FSH3CF-10X1034	34" Long NEW!
FSH3CF-10X10345	34.5" Long NEW!
FSH3CF-10X1035	35" Long NEW!
FSH3CF-10X1037	37" Long NEW!
FSH3CF-10X1039	39" Long NEW!
3-1/4" Dia. Driveshafts (Late Models)	
FSH3CF-10X10-375	37.5" Long
FSH3CF-10X10-380	38" Long
FSH3CF-10X10-385	38.5" Long

Note: The 2-1/4" dia. driveshafts are NOT recommended for use in Late Models.

Mild Steel and Chrome Moly Driveshafts

Fast Shafts offers 2" diameter driveshafts in mild steel and extra rigid, chrome moly versions. Mild steel driveshafts are .120" wall; the chrome moly shafts are .083". Offered in a variety of lengths, driveshafts include 1310 U-joints, and are painted white to meet most track and sanctioning body rules.



Length	Mild Steel Part No.	Chrome Moly Part No.	Length	Mild Steel Part No.	Chrome Moly Part No.
29"	FSH2120-29	FSH2083-29	32-1/2"	FSH2120-325	FSH2083-325
29-1/2"	FSH2120-295	FSH2083-295	33"	FSH2120-33	FSH2083-33
30"	FSH2120-30	—	33-1/2"	FSH2120-335	FSH2083-335
30-1/2"	FSH2120-305	FSH2083-305	34"	FSH2120-34	FSH2083-34
31"	FSH2120-31	FSH2083-31	34-1/2"	FSH2120-345	—
31-1/2"	FSH2120-315	FSH2083-315	35"	FSH2120-35	—
32"	FSH2120-32	FSH2083-32	35-1/2"	FSH2120-355	—
			36"	FSH2120-36	—

Stock Car/Street Stock/Hobby Stock Steel Driveshafts

Steel driveshafts are manufactured from high-quality, 1020 DOM (Drawn Over Mandrel) 2-1/2" diameter x .083" wall steel tubing for exceptional performance and durability. All driveshafts are precision balanced using the ShaftMaster by Axiline. Driveshafts are painted white to meet most sanctioning body and track rules, and weigh approximately 19 lbs.



Part No.	Description
FSH25083-51.5	2-1/2" Dia. x 51.5" Long Steel Driveshaft
FSH25083-52.5	2-1/2" Dia. x 52.5" Long Steel Driveshaft

Chrome Moly Late Model Driveshafts

Designed to withstand late model racing, driveshafts are 2" diameter, .083" wall chrome moly steel and fitted with 1310 U-joints.



Part No.	Length
FSH2083LM-38	38"
FSH2083LM-385	38.5"
FSH2083LM-39	39"

FSHQCYXL



Pinion Yokes and U-Joints

Part No.	Description
FSHLW	Ford 9" Pinion Yoke, Extra Long, 1330
FSHQCY	Quick Change Pinion Yoke, 1310
FSHQCYXL	Quick Change Pinion Yoke, Extra Long, 1310
FSHSN	Ford 9" Pinion Yoke, Short, 1310
FSHSNL	Ford 9" Pinion Yoke, Short, 1310, Lightweight
FSHSW	Ford 9" Pinion Yoke, Short, 1330



Billet 1310 U-Joint Strap Kit FSHBBSK-10

Eliminates the problems associated with overtightened and distorted U-bolts. Designed for use with Quick Changes, ball spline transmissions, or Ford 9" rears using short/narrow, 1310 style U-joints. Kit includes billet steel U-joint straps, case-hardened bolts, nuts, flat, and lock washers.



Ford 9" "In-Between" Ring and Pinion Sets

Ideal for sport mods or hobby stocks, Ford 9" ring and pinion sets are the perfect "in-between" for 3/8-mile tracks that require using a little more or little less gear. Competition-proven gear sets are precision-machined and finished for added durability.

Part No.	Ratio
FSHF9-537	5.37
FSHF9-550	5.50
FSHF9-557	5.57
FSHF9-575	5.75



Transmission Slip Yoke **NEW!** FSHT400-HD

Hardened steel, 32-spline slip yoke is 5-1/2" long center-to-center, and fits Jerico and TH-400 transmissions. Accepts 1310 U-joint.



**NEW
VENDOR!**



RT Plus Series Carburetors

Ideal for the weekend warrior, RT Plus series are manufactured using pressure-forged main bodies, metering blocks, and bases. Carburetors include manual choke, black electroplated metering blocks and bases, and vacuum or mechanical secondaries.

Part No.	Description
FSC41750P-1	750 CFM Carburetor, Vacuum Secondary
FSC41750P-3	750 CFM Carburetor, Mechanical Secondary

RT-X Series 750 CFM Carburetor

Affordable, high-performance 750 CFM carburetor incorporates a pressure-forged main body combined with billet metering blocks and base plate. RT-X, race-style dual-feed carburetor is exceptionally versatile, includes 4-corner idle feature and has no choke provisions.



Part No.	Description
FSC42750XB	750 CFM Carburetor, Mechanical Secondary
FSC42750XB-1	750 CFM Carburetor, Vacuum Secondary

Billet X-treme Series Carburetors

High performance, Billet X-treme Series dual feed carburetors are constructed using CNC-machined main bodies, two-circuit billet metering blocks, center-hung floats, and four-corner idle adjustment. Mechanical secondary carbs will work with all common fuels including methanol and ethanol. Dual-feed carburetors lack choke and incorporate two-port fuel bowls for added versatility. Carburetors feature titanium (unless specified) anodized main bodies, red anodized metering blocks, and black anodized throttle bodies.



Part No.	Description
FSC41650B-1	650 CFM Carburetor
FSC41650BB-1†	650 CFM Carburetor
FSC41750B-1	750 CFM Carburetor
FSC41750BB-1†	750 CFM Carburetor
FSC41750BB-1†	750 CFM Carburetor
FSC41850B-2	850 CFM Carburetor, Vacuum Secondary
FSC41850B-2-V*	850 CFM Carburetor, Vacuum Secondary
FSC41850BB-2†	850 CFM Carburetor, Vacuum Secondary
FSC41850BB-2-V*†	850 CFM Carburetor, Vacuum Secondary
FSC41850B-3	850 CFM Carburetor
FSC41850B-3-V*	850 CFM Carburetor
FSC41850BB-3†	850 CFM Carburetor
FSC41850BB-3-V*†	850 CFM Carburetor

* Signifies carburetor with high capacity Viper 3-port fuel bowls.

† Signifies carburetor with black main body.

Billet X-treme Pro Series Carburetors

High-performance, mechanical secondary carburetors feature precision, CNC-machined black anodized main bodies and billet, gold anodized metering blocks that combine to provide five stages of emulsion for added tunability. Fully capable of handling the varying demands of gasoline, methanol, or ethanol. Dual-feed, race-style carbs lack choke provisions and have two-port fuel bowls for added versatility.



Part No.	Description
FSC41750B-2	750 CFM Carburetor
FSC41850B-1	850 CFM Carburetor
FSC41950B	950 CFM Carburetor

Billet Excess 950 CFM Carburetor FSC46950XSR

Top-of-the-line, dual-feed 950 CFM mechanical secondary racing carburetor is capable of handling the varying demands of gasoline, methanol, and ethanol. Billet Excess carburetor is assembled using a billet, CNC-machined black anodized main body and Pro Billet red anodized metering blocks with five stages of emulsion. Dual-feed, race-style carburetor lacks choke provisions and includes two-port fuel bowls for added versatility.



Billet Telescopic Fuel Log FSC41650D-3

Billet aluminum, telescoping fuel log utilizes an adjustable ball-and-socket assembly that allows for up to 20° of adjustment, providing necessary clearance for fuel bowl extensions and other accessories. Includes -10AN O-ring boss inlet/exit ports, a 1/8" NPT port for a fuel pressure gauge, and dual 7/8"-20 fuel bowl inlet threads that adapt to standard or high capacity float bowls. Black anodized for corrosion resistance.



Fuel Pressure Bypass Regulators

Regulators are CNC-machined, feature high flowing AN ORB ports and an 1/8" NPT port for a fuel pressure gauge. Compatible with gasoline, methanol, alcohol or E85, bypass style regulators include a black/clear anodized, corrosion resistant finish.



Part No.	Description
FSC44010	Fuel Pressure Bypass Regulator, 3-15 PSI, -6AN ORB Ports
FSC44011	Fuel Pressure Bypass Regulator, 3-15 PSI, -8AN ORB Ports

PermaTorque Head Gaskets

Gaskets offer three times the sealing force when compared to standard head gaskets, made possible through use of a stainless armor combustion seal. Sold each.



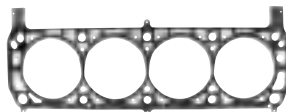
Part No.	Application	Gasket Bore	Nom. Comp. Thick.	Comp. Volume
SB Chevy 1955-97 262, 265, 267, 283, 302, 307, 327, 350, 400				
FEL1003*	Iron/Aluminum Head Apps., Except Aluminum Blocks, 4.155" Max.	4.166"	.041"	9.1cc
FEL1004*	Iron/Aluminum Head Apps.	4.190"	.041"	9.2cc
FEL1010*	Alum. Head Apps. Only, 4.155" Max. Bore	4.166"	.039"	8.9cc
FEL1014	Iron/Aluminum Head Apps.	4.200"	.039"	9.0cc
FEL1034*	Iron/Aluminum Head Apps.	4.200"	.041"	9.3cc
FEL1036*	Iron/Aluminum Head Apps., Extra Thick, Extra Large Bore	4.250"	.051"	11.9cc
FEL1043*	Small Chamber Aluminum Race/Some Vortec Heads Only	4.080"	.039"	8.2cc
FEL1044	Iron/Alum. Head Apps., Extra Thick	4.200"	.051"	11.2cc
FEL1045†	Iron/Alum. Head Apps., Severe Duty Apps.	4.180"	.039"	9.0cc
FEL1094*	Iron/Aluminum Head Apps., Except 400, Extra Thin	4.100"	.015"	3.2cc
SB Chevy Generation III 1997-05 5.7L (346 Cu. In.) LS1, LS6				
FEL1041	1997-03 5.7L LS1 Only	4.135"	.041"	9.4cc
SB Ford 1962-93 260, 289, 302, 351W				
FEL1011-1	All 1962-82 260-351W Applications	4.100"	.041"	9.0cc
FEL1011-2	All 1983-95 302-351W Applications	4.100"	.039"	8.5cc
FEL1021	302 SVO/351W SVO Only, All Except Large Overbore	4.100"	.041"	9.2cc
FEL1022	302 SVO/351W SVO Only, LH, Large Overbore	4.150"	.041"	9.5cc
FEL1023	302 SVO/351W SVO Only, RH, Large Overbore	4.150"	.041"	9.5cc
FEL1031L	302 SVO/351W SVO Only, LH, Large Overbore, Small Valve Pockets	4.150"	.041"	9.4cc
FEL1031R	302 SVO/351W SVO Only, RH, Large Overbore, Small Valve Pockets	4.150"	.041"	9.4cc
FEL1046	302 SVO/351W SVO Only, XL Bore, Extra Thick	4.200"	.051"	11.7cc
FEL1152	All	4.100"	.045"	9.7cc
FEL1156-2	SVO Block/Windsor Heads Round Bore, No Valve Pockets	4.100"	.039"	8.5cc
Ford 2300cc 4-Cylinder				
FEL1035	All	3.930"	.041"	8.5cc

* Gasket does not have steam holes for 400 street operation.

† Requires a precision receiver groove machined in cylinder head.

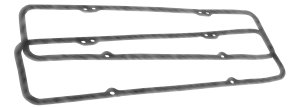
PermaTorque MLS Head Gaskets

Capable of withstanding excessive combustion forces, multi-layer stainless gaskets utilize strategically placed sealing beads to eliminate leak paths. Offered in a variety of bore sizes and thicknesses, gaskets are sold each.



Part No.	Application	Gasket Bore	Nom. Comp. Thick.	Comp. Volume
SB Chevy 1955-97 262, 265, 267, 283, 302, 307, 327, 350, 400				
FEL1142	Iron/Alum. Head Apps. Inc. 400	4.100"	.040"	9.0cc
FEL1143	Iron/Alum. Head Apps. Inc. 400	4.165"	.040"	9.2cc
FEL1144	Iron/Alum. Head Apps. Inc. 400	4.200"	.040"	9.3cc
FEL1144-2	SB2 with Symmetrical Cooling	4.200"	.041"	9.3cc
SB Chevy Generation III 1997-Up LS1/LS6				
FEL1160L-053	LH	4.200"	.041"	9.3cc
FEL1160R-053	RH	4.200"	.041"	9.3cc
FEL1161L-041	LH	4.200"	.041"	9.3cc
FEL1161R-041	RH	4.200"	.041"	9.3cc
FEL1161L-053	LH	4.200"	.041"	9.3cc
FEL1161R-053	RH	4.200"	.041"	9.3cc
FEL1185-041	World Products Warhawk	4.200"	.041"	9.3cc
FEL26473L-053	LSX, LH Only	4.200"	.041"	9.3cc
FEL26473R-053	LSX, RH Only	4.200"	.041"	9.3cc
SB Ford 1962-93 260, 289, 302, 351W				
FEL1133	All	4.100"	.041"	9.0cc
FEL1134	All	4.180"	.041"	9.3cc
FEL1135	All	4.210"	.041"	9.4cc
FEL1137	All	4.210"	.052"	12.3cc

Valve Cover Gaskets



Part No.	Application	Material	Thk.
SB Chevy 1955-97 262, 265, 267, 283, 302, 307, 327, 350, 400			
FEL1602	Most Cylinder Heads	Fel-CoPrene Rubber	5/32"
FEL1603	Most Cylinder Heads	Blue Stripe Cork-Rubber	7/32"
FEL1604	All Except 1955-56 Engines	Cork-Lam Cork-Rubber/Steel Core	5/16"
FEL1628	1959-86, Chevy 18°/Brodix -12	Silicone Molded Rubber/Steel Core	1/4"
FEL1641	Splayed Valve, GM Corporate	Composite-Silicone/Steel Core	3/32"
FEL1644	Chevy 18°/Brodix -12 1986-97	Composite-Silicone/Steel Core	3/32"
FEL1648	Late Model Center Bolt	Cork-Lam Cork-Rubber/Steel Core	1/4"
FEL1649	Chevy 18°/Brodix -12 ROX 4.5" Bore	Cork-Lam Cork-Rubber/Steel Core	1/4"
FEL1651	Spacing Engine Only	Composite-Silicone/Steel Core	3/32"
FEL1655-1	SB2, SB2.2 Mirror Port	Silicone Molded Rubber/Steel Core	11/64"
SB Ford 1962-93 260, 289, 302, 351W			
FEL1613	All 1962-87	Blue Stripe Cork-Rubber	3/16"
FEL1614	All 1962-87	Fel-CoPrene Rubber	5/32"
FEL1615	SVO Alum. Heads, Except Stabilizer Cover	Blue Stripe Cork-Rubber	3/16"
FEL1616	SVO Alum. Heads, Except Stabilizer Cover	Fel-CoPrene Rubber	1/8"
FEL1636	SVO Alum. Heads, Exc. Yates or SVO Stabilizer Cover	Cork-Lam Cork-Rubber/Steel Core	1/4"
FEL1645	All 1962-87	Cork-Lam Cork-Rubber/Steel Core	5/16"
FEL1684	All	Silicone Molded /Steel Core	13/64"

Oil Pan Gaskets



Part No.	Application	Material	Thk.
SB Chevy 1955-97 262, 265, 267, 283, 302, 307, 327, 350, 400			
FEL1802	1957-74	Thin Front Seal, LH Dipstick	3/32"
FEL1803	1975-79	Thin Front Seal, LH Dipstick	3/32"
FEL1818	1980-85	Thin Front Seal, RH Dipstick	3/32"
FEL1821	Side Rails Trimmed for Strokers	Thin/Thick Seals, LH Dipstick	3/32"
FEL1823	CNC BowTie Block	Composite/Steel Core/Silicone	3/32"
FEL1839	"Rocket"/Dart Iron Eagle/GM Med. Deck	Rubber-Coated Fiber/Steel Core	3/32"
FEL1880	1975-79, Side Rails Trimmed for Strokers	Thick Front Seal, LH Dipstick	9/64"
FEL1881	1980-85, Side Rails Trimmed for Strokers	Thick Front Seal, RH Dipstick	9/64"
FEL1882	Side Rails Trimmed for Strokers	Thick Ft. Seal, Straight Side Rails	9/64"
FEL1885	1957-74 1-Piece with Rigid Carrier	Thin Front Seal, LH Dipstick	9/64"
FEL1886	1986-97, BowTie Short Deck Block	Thick Front Seal, 1-Pc. Rear Seal	9/64"
SB Ford 1962-94 260, 289, 302, 351W			
FEL1809	1962-94 All, 302 SVO, Except 351W	Rubber-Coated Fiber	3/32"
FEL1810	1969-93 351W, 351W SVO	Rubber-Coated Fiber	3/32"
FEL1827	351W/SVO, Notched for Strokers	Rubber-Coated Fiber/Steel Core	3/32"

Rear Main Seals

Rear main seals in silicone, PTFE, or fluoro-elastomer. High-vacuum seals are used with crankcase vacuum pumps.



Part No.	Description
SB Chevy 1955-97 262, 265, 267, 283, 302, 307, 327, 350, 400	
FEL2900	1959-85, 2-Pc. Silicone
FEL2909	Special Large O.D. for "Rocket" Block or Align Honed 400, 2-Pc. Fluoroelastomer
FEL2912	1959-85, 2-Pc. Fluoroelastomer, High Vacuum
FEL2919	1986-95, 1-Pc. Premium Material
SB Ford 1962-93 260, 289, 302, 351W	
FEL2901	1962-11/30/82 260, 289, 302, 302 "Boss", 302 SVO, 2-pc. Fluoroelast
FEL2921	7/10/83-98 351W, 351W SVO, 1-pc. Fluoroelastomer
FEL2922RS	12/1/82-01 302, 302 SVO, 1-pc. Fluoroelastomer, High Vacuum
FEL2941	12/1/82-01 302, 302 SVO, 1-pc. PTFE, High Vacuum
FEL2942RS	7/10/83-98 351W, 351W SVO, 1-pc. PTFE, High Vacuum

Full Gasket Sets

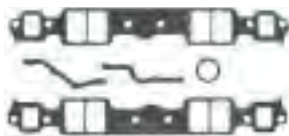
Part No.	Description
SB Chevy, 1959-79 283, 302, 327, 350,	
FEL2802	Sm. Int./Exh. Ports, Includes: Two FEL1003, and One Each of FEL1256, FEL1444, FEL1603, FEL1803, FEL2702
FEL2804	SB Ford, 1962-11/30/82 260, 289, 302, Includes: Two FEL1011-1, and One Each of FEL1250, FEL1415, FEL1613, FEL1809, FEL2707-1





Intake Manifold Gaskets

Fel-Pro intake manifold gaskets are available for a variety of engines and are sold in sets, however, many are also available in bulk (10 sets). Order bulk by adding a "B" to the end of the part number. Bulk gaskets are sold without end seals and distributor gaskets.



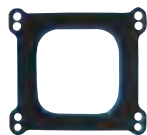
Part No.	Application	Material Construction	Port Size	Thk.
SB Chevy 1955-97 262, 265, 267, 283, 302, 307, 327, 350, 400				
FEL1204	Stock with Blocked Heat Cross., Except 1982-85 EFI	Embossed/Laminate	1.23" x 1.99"	.060"
FEL1205	Stock or Small Race Port	Std. Printoseal	1.28" x 2.09"	.060"
FEL1205S-3	Stock/Small Race Port	Steel Core	1.28" x 2.09"	.065"
FEL1206	Medium Race Port	Std. Printoseal	1.31" x 2.21"	.060"
FEL1206S-3	Medium Race Port	Steel Core	1.31" x 2.21"	.065"
FEL1207	Large Race Port	Std. Printoseal	1.38" x 2.28"	.060"
FEL1209	Extra Large Race Port	Std. Printoseal	1.38" x 2.38"	.060"
FEL1237-1	Chevy SB2 Mirror Port, Trim to Fit	Standard	1.40" x 1.90"	.030"
FEL1237-2	Chevy SB2 Mirror Port, Trim to Fit	Standard	1.40" x 1.90"	.045"
FEL1237-3	Chevy SB2 Mirror Port, Trim to Fit	Std. W/Coating	1.40" x 1.90"	.060"
FEL1237-4	Chevy SB2 Mirror Port, Trim to Fit	Std. W/Coating	1.40" x 1.90"	.090"
FEL1242	Chevy SB2 Mirror Port Valley Cover Gasket	Std. W/Coating	N/A	.060"
FEL1242-1	Chevy SB2 Mirror Port Valley Cover Gasket	Std. W/Coating	N/A	.030"
FEL1244	Trim to Fit (Largest Port Size Listed)	Std. Printoseal	1.25" x 1.90"	.060"
FEL1245	Trim to Fit (Largest Port Size Listed)	Std. W/Coating	1.25" x 1.90"	.120"
FEL1254	Chevy 18° Split Valley Cover Gasket	Std. W/Coating	N/A	.060"
FEL1254-1	Chevy 18° Split Valley Cover Gasket	Std. W/Coating	N/A	.030"
FEL1255	GM Vortec	Std. W/Coating	1.08" x 2.11"	.120"
FEL1256	Stock with Open Heat Crossover	Std. Printoseal	1.23" x 1.99"	.060"
FEL1263	Raised Runner Pontiac/Chevy "867" Head	Std. W/Coating	1.31" x 2.02"	.060"
FEL1266	Medium Race Port	Std. W/Coating	1.31" x 2.21"	.120"
FEL1267	Large Race Port	Std. W/Coating	1.38" x 2.28"	.120"
FEL1277	Chevy 18° High Port	Std. Uncoated	1.25" x 2.15"	.030"
FEL1278	Chevy 18° High Port	Std. Uncoated	1.25" x 2.15"	.045"
FEL1278S	Chevy 18° High Port	Steel Core	1.25" x 2.15"	.045"
FEL1282	Chevy 18° High Port	Std. Uncoated	1.25" x 2.15"	.060"
FEL1282S	Chevy 18° High Port	Steel w/Coating	1.25" x 2.15"	.060"
FEL1283	Chevy 18° High Port	Standard	1.25" x 2.15"	.090"
FEL1286	Raised Runner Pontiac/Chevy "867" Head	Std. W/Coating	1.31" x 2.02"	.120"
FEL1288	Chevy 18° High Port	Std. Uncoated	1.25" x 2.15"	.120"
FEL1289	Fast Burn Cylinder Heads	Std. Printoseal	1.30" x 2.31"	.060"
FEL1289-5	Fast Burn Cylinder Heads	Std. Printoseal	1.30" x 2.31"	.120"
FEL1382-2	SB2 Mirror Port	Std. Uncoated	1.52" x 2.06"	.045"
FEL1382-3	SB2 Mirror Port	Std. Uncoated	1.52" x 2.07"	.060"

SB Chevy Generation III 1997-Up LS1/LS6				
FEL1208-2	LS7 7.0L	Std. Printoseal	1.45" x 2.45"	.045"
FEL1208-3	LS7 7.0L	Std. Printoseal	1.45" x 2.45"	.060"
FEL1222-2	L92 6.2L	Std. Printoseal	1.25" x 2.70"	.045"
FEL1222-3	L92 6.2L	Std. Printoseal	1.25" x 2.70"	.060"
FEL1312-3	Aftermarket Alum. Intake	Std. Printoseal	1.19" x 3.34"	.060"

SB Ford 1962-93 260, 289, 302, 351W				
FEL1229	Cyl. Head M6049, Trim to Fit	Std. W/Coating	1.35" x 2.20"	.060"
FEL1250	All Stock or Small Race Port Heads	Std. Printoseal	1.20" x 2.00"	.060"
FEL1250S-3	All Stock or Small Race Port Heads	Steel Core	1.20" x 2.00"	.065"
FEL1253-1	SVO Cyl. Head M6049-C3 SVO "Yates"	Std. Uncoated	1.35" x 1.95"	.030"
FEL1253-2	SVO Cyl. Head M6049-C3 SVO "Yates"	Std. Uncoated	1.35" x 1.95"	.045"
FEL1253-3	SVO Cyl. Head M6049-C3 SVO "Yates"	Std. Uncoated	1.35" x 1.95"	.060"
FEL1262	Large Race, TFS, GT-40, "N" heads	Std. Printoseal	1.28" x 2.10"	.060"
FEL1262S-3	Large Race, TFS, GT-40, "N" heads	Steel Core	1.28" x 2.10"	.065"
FEL1265	SVO Cylinder Heads M6049 B351/C302/D302	Std. W/Coating	1.35" x 2.20"	.060"

Carburetor Gaskets

Part No.	Description
FEL1900	Open Plenum Holley 4bbl. Except Spread Bore and 4500/Carter AFB
FEL1901	Four Hole Holley 4bbl. Exc. Spread Bore and 4500/Carter AFB
FEL1904	Two Hole Holley, 1-3/4" Diameter Holes
FEL1909	Four Hole Holley 390 CFM, 1-31/64" Holes
FEL1914	Open Plenum Holley 4bbl, 1/32" Thick
FEL2104	Holley 4bbl. 4150/4160 Air Cleaner Gasket



FEL1900

Fuel Pump Gaskets

Part No.	Description
FEL5182	SB Chevy Fuel Pump Plate to Block Gasket
FEL6579	SB Chevy Fuel Pump Gasket



Exhaust Header Gaskets

FEL1404

Fel Pro's exhaust header gaskets have a durable perforated steel core for exceptional sealing without blowouts.

Part No.	Application	Port Size
Small Block Chevy 1955-97 262, 265, 267, 283, 302, 305, 307, 327, 350, 400		
FEL1404	Square GM Vortec (Stock or Small Race)	1.50" x 1.50"
FEL1405	Square (Large Race)	1.55" x 1.55"
FEL1406	"D" Shape (Brodix Track 1)	1.53" x 1.63"
FEL1407	Round (Hooker/Stahl Adapter Plate)	1.81" Dia.
FEL1408	Round (Hooker Lg. Tube Header Adapter)	2.19" Dia.
FEL1409	Round (Brodix Spread Port) 18°	1.81" Dia.
FEL1426	Round	1.59" Dia.
FEL1437	SB2 Mirror Port	1.90" Dia.
FEL1444	Square (Stock)	1.38" x 1.38"
FEL1445	Raised "D" Port (Brodix -12B/2000)	1.78" x 1.70"
FEL1482	18° Pro Action	1.74" x 1.60"

SB Chevy Generation III 1997-Up 5.7L LS1/LS6		
FEL1438	Stock LS1	1.75" x 1.55"
FEL1440	Large Race LS1	1.90" Dia.

Small Block Ford 1962-93 260, 289, 302, 351W		
FEL1415	Stock or Small Race Port	1.25" x 1.48"
FEL1417	SVO M6049 A3 Cylinder Head Only	1.94" Dia.
FEL1427	"N" Head/Trick Flow "R"	1.65" x 1.60"
FEL1431	SVO M6049 B351/C302/D302 Head	1.81" Dia.
FEL1433	SVO "Yates" Cyl. Head	1.86" x 1.68"
FEL1486	J302/K302 (Dual Bolt Pattern)	1.40" x 1.40"
FEL1487	Dart, TFS, E351 (Dual Bolt Pattern)	1.42" x 1.62"

R.A.C.E. Gasket Sets

Remainder to Assemble Complete Engine (R.A.C.E.) sets include water pump, rear main seal, timing cover seal, timing cover, and fuel pump gaskets.

Part No.	Description
SB Chevy 1955-97 262, 265, 267, 283, 302, 307, 327, 350, 400	
FEL2330	Full Circle Timing Cover Gasket Only, Fits Gear Drives and 1-pc. Timing Covers
FEL2335	Timing Cover Gasket Only, Steel Core
FEL2702	1959-85
FEL2919	1986-97 1-Piece
SB Ford 1962-93 260, 289, 302, 302 "Boss", 351W	
FEL2707-1	1962-11/30/82 260, 289, 302, 302 "Boss", 302 SVO
FEL2709-1	1969-7/10/83 351W, 351W SVO
FEL2718	12/1/82-94 302
FEL2331	Timing Cover Gasket only, 302 SVO, 351W SVO Only

SB Ford 221-351W Timing Cover Gasket Kit FELTCS45168

Includes timing cover and water pump gaskets, front crankshaft seal, fuel pump gasket, and front oil pan seal.



Water Outlet Gaskets

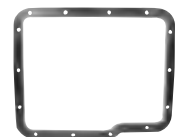
Part No.	Description
FEL2201	Chevy 6 and V-8, 3/32" Thick with Steel Core
FEL2202	Chevy 6 and V-8, 1/8" Thick Plastic Molded Rubber



SB Chevy Water Pump to Block Gaskets FEL5152

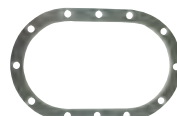


GM Powerglide Transmission, Steel Core Pan Gasket FEL2304



Quick-Change Gasket FEL2303

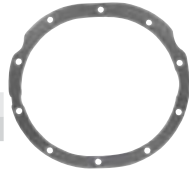
1/32" steel core gasket fits most 10-bolt cover quick changes.



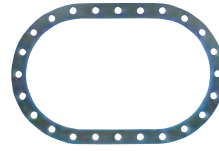


Ford 9" Differential Gasket

Part No.	Description
FEL2301	Ford 9", 1/32" Thick
FEL2302	Ford 9", 1/32" Thick Steel Core, Non-Stick Coating



Oval 24-Bolt Fuel Cell Gasket FEL2400



Competition Plus Valves

Forged, aerospace alloy valves are heat treated and stress relieved, resulting in an exceptionally durable product. Each valve design undergoes flow bench testing to determine optimum flow and velocity. Sold in sets of eight. To order a single valve, replace the -8 with a -1.

Part No.	Type	Head Size	Stem Dia.	Overall Length	Description
Small Block Chevy					
FERF1100P-8	Exh.	1.600"	11/32"	4.960"	14° Super Flo, Stock/+.050"
FERF1476P-8	Exh.	1.600"	11/32"	4.960"	12° Super Flo, Stock/+.050"
FERF1102PQ-8	Exh.	1.600"	11/32"	5.010"	14° Super Flo, +.050"/+.100"
FERF1148PQ-8	Exh.	1.600"	11/32"	5.060"	14° Super Flo, +.100"
FERF1187P-8	Exh.	1.600"	11/32"	5.060"	19° Tulip Super Flo, +.100"
FERF1140PQ-8	Exh.	1.600"	11/32"	5.160"	14° Super Flo, Bro./Pont., +.200"
FERF1477P-8	Exh.	1.600"	11/32"	5.560"	12° Super Flo/12° & 18° NASCAR
FERF1483P-8	Exh.	1.625"	5/16"	5.160"	12° Super Flo/18° +.600"
FERF1108P-8	Exh.	1.625"	11/32"	5.060"	20° Tulip Super Flo, +.100"
FERF1128PQ-8	Exh.	1.625"	11/32"	5.160"	14° Super Flo, Bro./Pont., +.200"
FERF1257P-8	Exh.	1.625"	11/32"	5.560"	14° Super Flo/Dart/Brodix 18°/+.600"
FERF1115P-8	Int.	2.020"	11/32"	4.960"	12° Super Flo, Stock/+.050"
FERF1112P-8	Int.	2.055"	11/32"	5.010"	12° Super Flo, +.050"/+.100"
FERF2252P-8	Int.	2.055"	11/32"	5.060"	14° Super Flo, +.100"
FERF1114P-8	Int.	2.080"	11/32"	5.010"	12° Super Flo, +.050"/+.100"
FERF1147P-8	Int.	2.080"	11/32"	5.060"	12° Super Flo, +.100"
FERF1139P-8	Int.	2.080"	11/32"	5.160"	12° Super Flo, Bro./Pont., +.200"
FERF1168P-8	Int.	2.100"	5/16"	5.010"	12° Super Flo, Bro./Pont., +.200"
FERF1241P-8	Int.	2.125"	7mm	5.010"	12° Flo, +.100"

Competition Plus Hollow Stem Valves

Up to 20% lighter than solid-stem valves, which translates into increased engine RPM. Stems are gun-drilled and micro-finished. Friction-welded tips, radial grooves, chrome plated stems, and super-flow, undercut stems are standard. Sold in sets of eight. For a single valve, replace -8 with a -1.

Part No.	Type	Head Size	Stem Dia.	Overall Length	Description
Generation III LS1					
FERF2039P-8	Exh.	1.500"	11/32"	4.910"	14° Flo/Radial Groove/Stock
FERF1096P-8	Exh.	1.600"	11/32"	4.960"	14° Flo/Radial Groove/+.050"
FERF1024P-8	Exh.	1.600"	11/32"	4.960"	14° Super Flo/Radial Groove/+.050"
FERF1096P-1	Exh.	1.600"	11/32"	4.960"	14° Flo, Radial Groove, +.050"
FERF1095P-8	Int.	1.940"	11/32"	4.960"	12° Flo/Radial Groove/+.050"
FERF1001P-8	Int.	2.080"	11/32"	5.160"	12° Super Flo/Radial Groove/+.250"

Lightweight Pro Solid Lifters

Clean tool steel alloys and CNC-machined inner bodies result in substantial weight savings. A .025" laser hole increases cam lubrication. Sold individually (16 required).

Part No.	Description
FERLF1003	SB Ford 289-351W, .874" Dia.

Retainer Degree Gauge **NEW!** FERT7000

Precision, high-quality aluminum gauge allows determining retainer degree angle. May be used with steel or titanium retainers that are 6°, 7°, Super 7° (8°), or 10°.

5000 Series High-Performance Valves

The 5000 Series is a high-quality, one-piece, stainless steel valve, manufactured with a hard chrome stem and hard tip. Ideal for mildly modified engines. Sold in sets of eight. For a single valve, replace the -8 with a -1.

Part No.	Type	Head Size	Stem Dia.	Overall Length	Description
Small Block Chevy					
FERF5004-8	Exh.	1.500"	11/32"	4.910"	12° Under Cut/Dish Hd. Stk.
FERF5104-8	Exh.	1.500"	11/32"	4.935"	9° Flo Dbl. Groove/Flat Hd. Stk.
FERF5005-8	Exh.	1.600"	11/32"	4.910"	12° Under Cut/Dish Hd. Stk.
FERF5105-8	Exh.	1.600"	11/32"	4.935"	9° Flo Dbl. Groove/Flat Hd. Stk.
FERF5025-8	Exh.	1.600"	11/32"	5.010"	12° Under Cut/Dish Hd. +.100"
FERF5001-8	Int.	1.940"	11/32"	4.910"	10° Under Cut/Dish Head, Stk.
FERF5101-8	Int.	1.940"	11/32"	4.935"	9° Flo Dbl. Groove/Flat Hd. Stk.
FERF5002-8	Int.	2.020"	11/32"	4.910"	10° Under Cut/Dish Hd. Stk.
FERF5102-8	Int.	2.020"	11/32"	4.935"	9° Flo Dbl. Groove/Flat Hd. Stk.
FERF5027-8	Int.	2.020"	11/32"	5.010"	10° Under Cut/Dish Hd. +.100"
Small Block Ford 289-351W					
FERF5028-8	Exh.	1.550"	11/32"	5.075"	12° Under Cut/Dish Hd.
FERF5059-8	Int.	1.940"	11/32"	5.075"	10° Under Cut/Dish Hd.

6000 Series Competition Valves

The EV8 stainless steel intake and exhaust valves are heat-treated and stress-relieved. Valves have hard-chromed stems, swirl polished heads and friction-welded tips. Sold in sets of eight unless specified. For a single valve, replace -8 with a -1.

Part No.	Type	Head Size	Stem Dia.	Overall Length	Description
Small Block Chevy					
FERF6107-8	Exh.	1.500"	11/32"	4.960"	12° Flo, Stock/+.050"
FERF6144-8	Exh.	1.500"	11/32"	5.010"	12° Super Flo, +.050"/+.100"
FERF1479P-1	Exh.	1.600"	11/32"	5.060"	12° Super Flo, +.150"
FERF6100-8	Exh.	1.600"	11/32"	4.960"	12° Super Flo Stock/+.050"
FERF6108-8	Exh.	1.600"	11/32"	4.960"	12° Flo, Stk./+.050"
FERF6104-8	Exh.	1.600"	11/32"	5.010"	12° Super Flo +.050"/+.100"
FERF6145-8	Exh.	1.600"	11/32"	5.010"	12° Flo +.050"/+.100"
FERF6202-8	Exh.	1.600"	11/32"	5.060"	20° Semi Tulip, Super Flo +.100"
FERF6147-8	Exh.	1.600"	11/32"	5.160"	12° Super Flo/Brodix/+.200"
FERF1926P-8	Exh.	1.600"	11/32"	5.010"	24° Tulip Flo, +.100"
FERF6102-8	Int.	1.940"	11/32"	4.960"	12° Super Flo, Stock/+.050"
FERF6142-8	Int.	1.940"	11/32"	5.010"	12° Super Flo, +.050"/+.100"
FERF6101-8	Int.	2.020"	11/32"	4.960"	12° Super Flo Stock/+.050"
FERF6103-8	Int.	2.020"	11/32"	5.010"	12° Super Flo +.050"/+.100"
FERF6208-8	Int.	2.020"	11/32"	5.060"	12° Super Flo +.100"
FERF6206-8	Int.	2.020"	11/32"	5.160"	12° Super Flo/Canfield +.200"
FERF6105-8	Int.	2.055"	11/32"	4.960"	12° Super Flo Stock/+.050"
FERF6114-8	Int.	2.055"	11/32"	5.010"	12° Super Flo +.050"/+.100"
FERF6207-8	Int.	2.055"	11/32"	5.060"	12° Super Flo +.100"
FERF6115-8	Int.	2.080"	11/32"	4.960"	12° Super Flo Stock/+.050"
FERF6116-8	Int.	2.080"	11/32"	5.010"	12° Super Flo +.050"/+.100"
FERF6203-8	Int.	2.080"	11/32"	5.060"	12° Super Flo +.100"
FERF6164-1	Int.	2.080"	11/32"	5.160"	12° Super Flo/Canfield/+.200"
FERF1884P-8	Int.	2.200"	11/32"	5.690"	12° Super Flo

Small Block Chevy Generation III LS1					
FERF6232-8	Exh.	1.550"	.313"	4.915"	15° Super Flo/Radius Groove
FERF6271-8	Exh.	1.570"	.313"	4.915"	24° Super Flo/Radius Groove
FERF6233-8	Exh.	1.600"	.313"	4.915"	15° Super Flo/Radius Groove
FERF6235-8	Exh.	1.600"	.313"	4.915"	24° Super Flo/Radius Groove
FERF6230-8	Int.	2.000"	.313"	4.900"	12° Flo/Radius Groove
FERF6231-8	Int.	2.020"	.313"	4.900"	12° Super Flo/Radius Groove

Small Block Ford 351W and GT40 Heads					
FERF6123-8	Exh.	1.550"	11/32"	5.075"	14° Super Flo, Stock
FERF6122-8	Int.	1.850"	11/32"	5.075"	12° Super Flo, Stock

Ford 2300cc 4-Cylinder					
FERF6222-4	Exh.	1.590"	11/32"	4.800"	12° Super Flo
FERF6221-4	Int.	1.890"	11/32"	4.800"	12° Super Flo



Aluminum Flywheels

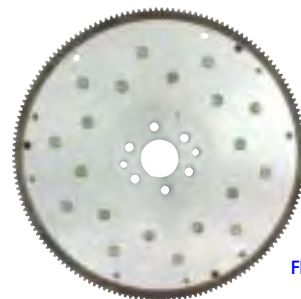
CNC-machined aluminum flywheels reduce moment of inertia and internal engine stress to increase power. Made from 6061-T6 or 2024-T3 aluminum with a friction surface compatible with organic, Kevlar, or sintered iron clutch discs. All are SFI-approved.

Part No.	Application	Weight
Small Block Chevy		
FID198541*	1955-86 265-400, 153T	10.5 lbs.
FID198681*	1955-86 265-400, 168T	13 lbs.
Small Block Ford		
FID186511*	289-351W, 164T	13 lbs.
Ford 2300cc 4-Cylinder		
FID186231†	1974-93 SOHC	9 lbs.

* FID624001 Balance plate required for 383 or 400 engines.

† Includes 8.5", 9", and 9.5" clutch patterns.

‡ Includes 10.5" and 11" Long style, and 11" diaphragm clutch patterns; external balance weights included in hardware kit.



FID186511

FireAde®

The most complete and user-friendly firefighting agent in the world provides the simplicity of using a single product to extinguish multiple classifications of fires. FireAde is a true Class A and B fire extinguishing agent and eliminates issues associated with Class B foams. Will not clog, gum, or corrode systems or equipment, and has an unlimited shelf life. Sold in 10-oz., 16-oz., or 30-oz. aerosol cans.

Part No.	Description
FIR10FA2K	10-oz. Aerosol Can
FIR16FA2K	16-oz. Aerosol Can
FIR30FA2K	30-oz. Aerosol Can NEW!
Related Accessories	
FIR160ZFSU-BRK	Wall-Mount FireAde Bracket, Holds 16- or 30-oz. Cans NEW!
FIRCANH	Magnetic FireAde Holder NEW!
FIRHOLSTER-BC-10	Belt-Clip Holster, Holds 10-oz. Can NEW!



Lucas Oil Dirt Late Model Series SFI-Approved Fire Suppression Systems

Designed to meet the requirements of Lucas Oil Dirt Late Model racers, systems meet stringent SFI specifications. Sold complete with lightweight aluminum, 10-lb. bottle filled with fire-quenching Dupont FE36, 1-1/2" roll bar mounting brackets, and required hardware. Choose from systems with automatic/manual pull or automatic activation.

Part No.	Description	Total Weight	Unit Length	Unit Dia
SAFPAMRC-1002	10 lb. Automatic/Manual Pull System	18 lbs.	18-15/16"	5-1/4"
SAFPFC-1002	10 lb. Automatic System	17 lbs.	16-7/8"	5-1/4"

Note: All Dirt Late Model systems are warranted for one season only; they should be sent back for annual inspections.



Automatic/Manual Pull Fire Suppression System

Lightweight and compact, 5-lb. fire suppression system utilizes a single line that automatically discharges and two that may be manually pull activated. Sold complete with lightweight aluminum, 5-lb. bottle filled with Dupont FE36, 1-1/2" roll bar mounting brackets, and required hardware.

Part No.	Description	Total Weight	Unit Length	Unit Dia
SAFPAMRC-500	5 lb. Automatic/Manual System	10 lbs.	17-1/4"	4"

Note: Automatic/manual system is warranted for one season only; it should be sent back for annual inspections.



Manual Pull Fire Suppression Systems

A quick pull of a cable and the system discharges clean, electrically non-conductive fire-quenching NASCAR-approved Dupont FE36. Systems are available with 2.5, 5, or 10 lb. bottle, and are sold complete with lightweight aluminum bottle, mounting bracket, and necessary hardware.

Part No.	Description	Total Weight	Unit Length	Unit Dia
SAFPRC-251	2.5 lb. Manual System	5 lbs.	13-1/4"	3"
SAFPRC-500	5 lb. Manual System	9 lbs.	17-1/2"	4"
SAFPRC-510*	5 lb. Manual System	9 lbs.	17-1/2"	4"
SAFPRC-1000	10 lb. Manual System	15 lbs., 4 ozs.	5-1/4"	5-1/4"
SAFPRC-1010*	10 lb. Manual System	15 lbs., 4 ozs.	5-1/4"	5-1/4"

*Signifies system with steel tubing.





Replacement Fire Suppression System Components

Part No.	Description
SAFAH	Activating Head, Pull/Cable Activated Top
SAF5CA	4' Replacement Cable
SAF15CA	15' Replacement Cable
SAFNO	Aluminum Nozzle
SAFSTK5	Tubing Kit, Steel
SAFTK5	Spare Fitting and Tubing Kit, Aluminum
SAFTK10	Tubing Kit with Three Nozzles
SAFPRC-500S	Aluminum 5-lb. Bottle, Filled with Dupont FE36
SAFPRC-1000S	Aluminum 10-lb. Bottle, Filled with Dupont FE36



SAFAH



SAF15CA



MD3 Evolution 2 Nose/Fenders/Valance for Dirt Late Models

All new and redesigned, Evolution 2 Nose/Fenders/Valance assemblies feature two-piece upper and lower fenders, allowing for critical ground height adjustment. The right fender includes more clearance built-in for tire travel and a lower mounting height, while the lower fenders are thicker and separate to provide an improved fit. The valance is built-in and tapered, while the lower valance is tapered and thicker for added durability. Combo kits include nose, fenders, and valance. Components may also be purchased separately. Offered in a variety of popular colors.



Black Part No.	Chevron Blue Part No.	Orange Part No.	Red Part No.	White Part No.	Yellow Part No.
Combo Kit					
FIV32004-43554-B	FIV32004-43554-CB	FIV32004-43554-O	FIV32004-43554-R	FIV32004-43554-W	FIV32004-43554-Y

Fenders



Description	Black Part No.	Chevron Blue Part No.	Orange Part No.	Red Part No.	White Part No.	Yellow Part No.
Upper Fender, Left	FIV32004-23251-BL	FIV32004-23251-CBL	FIV32004-23251-OL	FIV32004-23251-ORL	FIV32004-23251-WL	FIV32004-23251-YL
Upper Fender, Right	FIV32004-23251-BR	FIV32004-23251-CBR	FIV32004-23251-OR	FIV32004-23251-ORR	FIV32004-23251-WR	FIV32004-23251-YR
Lower Fender, Left	FIV32004-23351-BL	FIV32004-23351-CBL	FIV32004-23351-OL	FIV32004-23351-ORL	FIV32004-23351-WL	FIV32004-23351-YL
Lower Fender, Right	FIV32004-23351-BR	FIV32004-23351-CBR	FIV32004-23351-OR	FIV32004-23351-ORR	FIV32004-23351-WR	FIV32004-23351-YR

Noses



Color	Part No.
Black	FIV32003-41051-B
Chevron Blue	FIV32003-41051-CB
Orange	FIV32003-41051-OR
Red	FIV32003-41051-R
White	FIV32003-41051-W
Yellow	FIV32003-41051-Y

Lower Valance

Color	Part No.
Black	FIV32003-41751-B
Chevron Blue	FIV32003-41751-CB
Orange	FIV32003-41751-OR
Red	FIV32003-41751-R
White	FIV32003-41751-W
Yellow	FIV32003-41751-Y



Nose ID Kits EVO1, EVO2, and Late Model

Part No.	Description
FIV32123-44141	Chevy SS
FIV32133-44142	Chevy Camaro
FIV32313-44141	Ford Fusion
FIV32323-44141	Ford Mustang



EVO1 and EVO2 Lower Nose Support

FIV32003-410-1

Manufactured from high-impact plastic.





Evolution nose, fenders, and lower aero valance have been fully redesigned for maximum downforce and improved fit. Manufactured from durable plastic, body components are wind tunnel-proven and tested for enhanced front downforce and side force. Combo Kits with Special flat-top fenders designed to increase air flow across the front of the car are also available.

EVOLUTION Complete Combo Kits

Color	Chevy SS	Chevy Camaro	Ford Fusion	Ford Mustang
Black	FIV32123-43554-B	FIV32133-43554-B	FIV32313-43554-B	FIV32323-43554-B
Chevron Blue	FIV32123-43554-CB	FIV32133-43554-CB	FIV32313-43554-CB	FIV32323-43554-CB
Orange	FIV32123-43554-OR	FIV32133-43554-OR	FIV32313-43554-OR	FIV32323-43554-OR
Red	FIV32123-43554-R	FIV32133-43554-R	FIV32313-43554-R	FIV32323-43554-R
White	FIV32123-43554-W	FIV32133-43554-W	FIV32313-43554-W	FIV32323-43554-W
Yellow	FIV32123-43554-Y	FIV32133-43554-Y	FIV32313-43554-Y	FIV32323-43554-Y



EVOLUTION Complete Combo Kits with Flat Right Fenders

Color	Chevy SS	Chevy Camaro	Ford Fusion	Ford Mustang
Black	FIV32123-43554-B-FR	FIV32133-43554-B-FR	FIV32313-43554-B-FR	FIV32323-43554-B-FR
Chevron Blue	FIV32123-43554-CB-FR	FIV32133-43554-CB-FR	FIV32313-43554-CB-FR	FIV32323-43554-CB-FR
Orange	FIV32123-43554-OR-FR	FIV32133-43554-OR-FR	FIV32313-43554-OR-FR	FIV32323-43554-OR-FR
Red	FIV32123-43554-R-FR	FIV32133-43554-R-FR	FIV32313-43554-R-FR	FIV32323-43554-R-FR
White	FIV32123-43554-W-FR	FIV32133-43554-W-FR	FIV32313-43554-W-FR	FIV32323-43554-W-FR
Yellow	FIV32123-43554-Y-FR	FIV32133-43554-Y-FR	FIV32313-43554-Y-FR	FIV32323-43554-Y-FR



EVOLUTION Individual Body Components and Valance Sold Separately

Nose and Fenders



Color	Left	Right	Flat Top Right
Fenders			
Black	FIV32003-23051-BL	FIV32003-23051-BR	FIV32003-24051-BR
Chevron Blue	FIV32003-23051-CBL	FIV32003-23051-CBR	FIV32003-24051-CBR
Orange	FIV32003-23051-ORL	FIV32003-23051-ORR	—
Red	FIV32003-23051-RL	FIV32003-23051-RR	FIV32003-24051-RR
White	FIV32003-23051-WL	FIV32003-23051-WR	FIV32003-24051-WR
Yellow	FIV32003-23051-YL	FIV32003-23051-YR	FIV32003-24051-YR

Color	Part No.
Noses	
Black	FIV32003-41051-B
Chevron Blue	FIV32003-41051-CB
Orange	FIV32003-41051-OR
Red	FIV32003-41051-R
White	FIV32003-41051-W
Yellow	FIV32003-41051-Y



Lower Aero Valance



Color	Part No.
Black	FIV32003-41751-B
Chevron Blue	FIV32003-41751-CB
Fluorescent Green	FIV32003-41751-FG
Fluorescent Orange	FIV32003-41751-FO
Fluorescent Red	FIV32003-41751-FR
Fluorescent Yellow	FIV32003-41751-FY
Orange	FIV32003-41751-OR
Red	FIV32003-41751-R
White	FIV32003-41751-W
Yellow	FIV32003-41751-Y



MD3 Nose, GEN I and GEN II

MD3 Complete Combo Kits GEN I and GEN II

Complete Combo Kits include nose, left and right fenders, and nose-only graphics kit. Choose from Gen. I (old style fenders) or Gen. II (new style fenders) Valance may be purchased separately (following page). Body components may also be purchased separately.



GEN I Complete Combo Kits with Old Style Fenders

Color	Pontiac GTO	Dodge Charger	Ford Fusion	Chevy Impala	Toyota Camry
Black	FIV375-416B	FIV475-416B	FIV585-416B	FIV665-416B	FIV725-416B
White	FIV375-416W	FIV475-416W	FIV585-416W	FIV665-416W	FIV725-416W
Red	FIV375-416R	FIV475-416R	FIV585-416R	FIV665-416R	FIV725-416R
Yellow	FIV375-416Y	FIV475-416Y	FIV585-416Y	FIV665-416Y	FIV725-416Y
Chevron Blue	FIV375-416-CB	FIV475-416-CB	FIV585-416-CB	FIV665-416-CB	FIV725-416-CB

Color	Cadillac XLR	Chevy Camaro	Ford Mustang	Ford	Chevy SS
Black	FIV215-416B	FIV165-416B	FIV905-416B	FIV500-416B	FIV680-416B
White	FIV215-416W	FIV165-416W	FIV905-416W	FIV500-416W	FIV680-416W
Red	FIV215-416R	FIV165-416R	FIV905-416R	FIV500-416R	FIV680-416R
Yellow	FIV215-416Y	FIV165-416Y	FIV905-416Y	FIV500-416Y	FIV680-416Y
Chevron Blue	FIV215-416-CB	FIV165-416-CB	FIV905-416-CB	FIV500-416-CB	FIV680-416-CB

GEN II Includes fenders with improved topline contour (meets the 2.5 in. max height rule)

GEN II Complete Combo Kits with New Style Fenders

Color	Pontiac GTO	Dodge Charger	Ford Fusion	Chevy Impala	Toyota Camry
Black	FIV375-417B	FIV475-417B	FIV585-417B	FIV665-417B	FIV725-417B
White	FIV375-417W	FIV475-417W	FIV585-417W	FIV665-417W	FIV725-417W
Red	FIV375-417R	FIV475-417R	FIV585-417R	FIV665-417R	FIV725-417R
Chevron Blue	FIV375-417-CB	FIV475-417-CB	FIV585-417-CB	FIV665-417-CB	FIV725-417-CB
Orange	FIV375-417-OR	FIV475-417-OR	FIV585-417-OR	FIV665-417-OR	FIV725-417-OR

Color	Cadillac XLR	Chevy Camaro	Ford Mustang	Ford	Chevy SS
Black	FIV215-417B	FIV165-417B	FIV905-417B	FIV500-417B	FIV680-417B
White	FIV215-417W	FIV165-417W	FIV905-417W	FIV500-417W	—
Red	FIV215-417R	FIV165-417R	FIV905-417R	FIV500-417R	—
Chevron Blue	FIV215-417-CB	FIV165-417-CB	FIV905-417-CB	FIV500-417-CB	FIV680-417-CB
Orange	FIV215-417-OR	FIV165-417-OR	FIV905-417-OR	FIV500-417-OR	FIV680-417-OR



ANDREW RITTER



JOSH TRAMMEL

MARCUS BERGLUND

GEN 1 & 2 Individual Body Components

Noses

Color	Part No.
Black	FIV006-410B
White	FIV006-410W
Red	FIV006-410R
Yellow	FIV006-410Y
Chevron Blue	FIV006-410CB
Orange	FIV006-410OR



Nose-Only Graphics Kits

Graphics kits use an aggressive adhesive that effectively eliminates the possibility of blowing off. Long-lasting graphics include a laminated protective coating and are sandblast- and chemical-resistant.

Part No.	Description
FIV215-410-ID	Cadillac XLR
FIV375-410-ID	Pontiac GTO
FIV445-410-ID	Dodge Challenger
FIV470-410-ID	Dodge Charger
FIV925-410-ID	Chevy Corvette
FIV975-410-ID	Ferrari



High-Impact Plastic Fenders

Designed specifically for Late Model series rules, lightweight and durable MD3 fenders have been updated to meet current rules and to improve fit. Fenders feature a new top-line contour that improves aerodynamics and meets the maximum height rule of 2.5".



	GEN I Left Fender	GEN I Right Fender	GEN II Left Fender	GEN II Right Fender
Black	FIV006-25-BL	FIV006-25-BR	FIV007-25-BL	FIV007-25-BR
White	FIV006-25-WL	FIV006-25-WR	FIV007-25-WL	FIV007-25-WR
Red	FIV006-25-RL	FIV006-25-RR	FIV007-25-RL	FIV007-25-RR
Yellow	FIV006-25-YL	FIV006-25-YR	FIV007-25-YL	FIV007-25-YR
Chevron Blue	FIV006-25-CBL	FIV006-25-CBR	FIV007-25-CBL	FIV007-25-CBR
Orange	FIV006-25-ORL	FIV006-25-ORR	FIV007-25-ORL	FIV007-25-ORR

Lower Aero Valances

Lower aero valances deliver added downforce while sealing and reinforcing the lower nose.

Manufactured from lightweight, durable high-impact plastic, valances mount to the lower portion of the inner nose and extend 3" down from the bottom. Four-piece design allows replacement of left or right halves.



Color	Complete Valance	LH Only	RH Only
Black	FIV006-400B	FIV006-400-BL	FIV006-400-BR
White	FIV006-400W	FIV006-400-WL	FIV006-400-WR
Red	FIV006-400-R	FIV006-400-RL	FIV006-400-RR
Fluorescent Red	FIV006-400-FR	FIV006-400-FRL	FIV006-400-FRR
Chevron Blue	FIV006-400-CB	FIV006-400-CBL	FIV006-400-CBR
Yellow	FIV006-400Y	FIV006-400-YL	FIV006-400-YR
Fluorescent Yellow	FIV006-400-FY	FIV006-400-FYL	FIV006-400-FYR
Orange	FIV006-400-OR	FIV006-400-ORL	FIV006-400-ORR
Fluorescent Orange	FIV006-400-FO	FIV006-400-FOL	FIV006-400-FOR
Fluorescent Green	FIV006-400-FG	FIV006-400-FGL	FIV006-400-FGR

Lightweight Composite Roofs

Composite roofs are stronger, more durable, and less costly than carbon fiber units. Roofs are lightweight (6.9 lbs.), and add downforce with minimum drag. Roofs meet all sanctioning body rules, are 48" wide x 44" long, and require minimal bracing. Choose from roofs with traditional or carbon fiber-look roof caps.

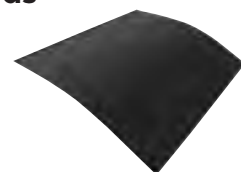


Part No.	Description
FIV006-5101LB-B	Black Roof, Includes Standard Roof Cap
FIV006-5101LB-CF	Black Roof, Includes Carbon Fiber Look Cap
FIV006-5101LW-W	White Roof, Includes Standard Roof Cap
FIV006-5101LW-CF	White Roof, Includes Carbon Fiber Look Cap
FIV006-5101L-CB-CB	Chevron Blue Roof, Includes Chevron Blue Roof Cap NEW!
FIVXC006-5101L-CB	Chevron Blue Roof

Lightweight Composite Hoods

Lighter and more durable than carbon fiber. Hoods are slightly oversized and may be cut down to fit application.

Part No.	Color
FIV32003-33512-B	Black
FIV32003-33512-CB	Chevron Blue
FIV32003-33512-W	White



Hood Scoops and Air Deflectors

Sleek, aerodynamic hood scoops and air deflectors are made of lightweight, thermoformed molded plastic. Height-adjustable to fit most air cleaners.



Carbon Fiber/Black	White	Chevron Blue	Red
5" Tall Hood Scoop, Flat Hoods			
FIV040-4113-CF	FIV040-4113-W	FIV040-4113-CB	FIV040-4113-R
3" Tall Hood Scoop, Curved Hoods			
FIV040-4115-CF	FIV040-4114-W	FIV040-4114-CB	FIV040-4114-R
Air Deflector, Protects Air Filter			
—	FIV040-4100-W	FIV040-4100-CB	FIV040-4100-R
Oil Cooler Scoop, 8" x 11" x 3"			
FIV040-4105-CF	FIV040-4105-W	FIV040-4105-CB	FIV040-4105-R
Air Deflector, 3" Tall Flat			
FIV040-4100-CF	—	—	—
Air Deflector, 5" Tall			
—	FIV040-4101-W	FIV040-4101-CB	FIV040-4101-R

Wheel Flares and Rocker Panels

Interconnecting pieces enhance aerodynamics, add rigidity, and are easy to mount. The three-piece

kit includes all flares needed for one side (right or left). Inset the wheel flares around the back half of the front wheel openings. Complete, two-piece rear wheel flares connect to a rocker panel at the bottom of the rear quarter panel. Rocker panels, sold individually, fit either side. Three rockers needed per car: one rocker between the front and rear wheel flares, and 1/2 piece behind the rear wheel flare.



Color	Left Wheel Flare	Right Wheel Flare	Rocker Panel
Black	FIV007-261-BL	FIV007-261-BR	FIV007-5500-B
White	FIV007-261-WL	FIV007-261-WR	FIV007-5500-W
Red	FIV007-261-RL	FIV007-261-RR	FIV007-5500-R
Yellow	FIV007-261-YL	FIV007-261-YR	FIV007-5500-Y
Chevron Blue	FIV007-261-CBL	FIV007-261-CBR	FIV007-5500-CB
Orange	FIV007-261-ORL	FIV007-261-ORR	FIV007-5500-OR
Fluorescent Orange	FIV007-261-FOL	FIV007-261-FOR	FIV007-5500-FO
Fluorescent Yellow	FIV007-261-FYL	FIV007-261-FYR	FIV007-5500-FY
Fluorescent Red	FIV007-261-FRL	FIV007-261-FRR	FIV007-5500-FR
Fluorescent Green	FIV007-261-FGL	FIV007-261-FGR	FIV007-5500-FG



MD3 Cockpit Deflectors

These 3-1/2" tall, high-impact molded plastic deflectors are designed to protect dirt late model and modified drivers from wind and debris. Available in five popular colors. Optional 3" tall extension, available in clear or tinted polycarbonate, extends deflector with minimal visual obstruction. Extension includes mounting screw kit.

Part No.	Color
FIV040-4106-B	Black
FIV040-4106-CB	Chevron Blue
FIV040-4106-R	Red
FIV040-4106-W	White
FIV040-4106-Y	Yellow
Extension Kit	
FIV040-4107-CLR	Clear
FIV040-4107-TNT	Tinted



Plastic Protective Roof Caps for Dirt Modifieds and Late Models

Thermoformed plastic caps increase roof durability and reduce cost compared to carbon fiber caps.

Color	Part No.	Color	Part No.
Black	FIV006-500-B	Fluorescent Orange	FIV006-500-FO
White	FIV006-500-W	Fluorescent Yellow	FIV006-500-FY
Red	FIV006-500-R	Carbon Fiber Look	FIV006-500-CF
Yellow	FIV006-500-Y	Fluorescent Green	FIV006-500-FG
Chevron Blue	FIV006-500-CB	Fluorescent Red	FIV006-500-FR
Orange	FIV006-500-OR		

Lightweight MD3 Modified Roofs

These lightweight composite roofs are 47% lighter than standard fiberglass composite versions. Manufactured to the maximum allowed size Gen. I (old style fenders) or Gen. II (new style fenders) enforced by most organizations, they are designed to maximize air flow to the spoiler. Available in black, white, yellow, Chevron blue, and red. Offered with or without molded plastic roof cap.



Color	Roof with Cap	Roof without Cap
Black	FIV3022-51112-B	FIVXC3022-51112-B
Chevron Blue	FIV3022-51112-CB	FIVXC3022-51112-C
Red	FIV3022-51112-R	FIVXC3022-51112-R
White	FIV3022-51112-W	FIVXC3022-51112-W

Lower Aero Valance

Three-piece aero valance features a universal design for use with modified noses.

Color	Part No.
Black	FIV3022-417-B
Chevron Blue	FIV3022-417-CB
Fluorescent Green	FIV3022-417-FG
Fluorescent Orange	FIV3022-417-FO
Fluorescent Red	FIV3022-417-FR

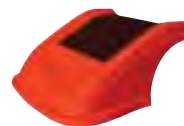


MD3 Dirt Late Model and Modified Body Braces FIV040-8000-8

Lightweight, high-impact, high-quality plastic braces support body panels and retain spring-like flexibility when hit. 1-1/4" wide x 36" long x 0.30" thick. Eight pack.



Dirt Modified Body Components MD3 Molded Plastic Mod Nose



Created for modifieds, the MD3 Mod Nose combines increased aerodynamics, advanced styling, extra durability, and reduced weight. Molded from durable high-impact plastic, universal-fit, three-piece plastic nose is easy to install. Nose fits chassis stubs up to 42" wide and has a front overhang that adjusts from 35" to 42". Offered in six colors, noses may be purchased as complete combo kits, or as individual body components.

MD3 Mod Nose Complete Combo Kits

Complete combo kit consists of center section and left and right flares.

Color	Part No.
Black	FIV020-410-B
White	FIV020-410-W
Red	FIV020-410-R
Chevron Blue	FIV020-410-CB
Orange	FIV020-410-OR

MD3 Mod Nose Individual Body Components

Color	Left Flare	Right Flare	Center
White	—	—	FIV020-410WC
Chevron Blue	FIV020-410-CBL	FIV020-410-CBR	FIV020-410-CBC
Orange	FIV020-410-ORL	FIV020-410-ORR	FIV020-410-ORC

Lightweight MD3 Modified Hood

Lightweight, white composite hoods are designed for MD3 or pavement modifieds.



Part No.	Color
FIV020-330-WL	Modified Composite Hood, Left Side
FIV020-330-WR	Modified Composite Hood, Right Side

MD3 Replacement Components

Part No.	Description
FIV020-6115-1	Molded Rear Window, Pavement Mod, Mar-Resistant .093" Thick Polycarbonate
FIV020-6325-2B	Molded Windshield, Pavement Mod, Mar-Resistant 1/8" Thick Polycarbonate
FIV022-5102-B	MD3 Roof, Standard Hand-Laid Composite Panels are Consistent in Strength, Weight, Shape, and are Repairable. Black.
FIV022-5102-W	MD3 Roof, Standard Hand-Laid Composite Panels are Consistent in Strength, Weight, Shape, and are Repairable. White.

Mini Stock 1993 Ford Mustang Body

Complete bodies and replacement body panels are now available for 1987-93 Ford Mustang. Perfect replacements for factory sheet metal. Please add "L" (Left) or "R" (Right) to end of part number when ordering doors, fenders, or quarter panels.



FIV915-101S Package Includes: Steel doors, fenders, and lower quarter panels, plastic nose and bumper, nose-only graphics kit, and tail-only graphics kit.

Part No.	Description
Complete Mini Stock Body Packages	
FIV915-101S	Complete Body Package, See Above
Mini Stock Body Components	
FIV915-21S-WL	Steel Door, Left
FIV915-21S-WR	Steel Door, Right
FIV915-27S-WL	Steel Lower Quarter Panel, Left
FIV915-27S-WR	Steel Lower Quarter Panel, Right
FIV915-28S	B-Post, Steel, Universal
FIV915-410W or B	Nose, Plastic, Specify W (White) or B (Black)
FIV915-410-ID	Nose Only Graphics Kit
FIV915-411D	Nose Screen, 3/16" Stainless
FIV915-450W or B	Rear Bumper Cover Specify W (White) or B (Black)
FIV915-450-ID	Tail Only Graphics Kit



MD3 Street Stock Nose **NEW!**

Modernize the look of older GM metric chassis with the MD3 Street Stock nose. High impact plastic nose offers superior durability to dirt or asphalt racing applications.



Color	Complete Part No.
Chevrolet Camaro	
Black	FIV20132-41051-B
Chevron Blue	FIV20132-41051-CB
Red	FIV20132-41051-R
White	FIV20132-41051-W
Ford Mustang	
Black	FIV20321-41051-B
Chevron Blue	FIV20321-41051-CB
Red	FIV20321-41051-R
White	FIV20321-41051-W

MD3 Mustang Nose I.D. Kit **NEW!**

FIV20321-44141

Kit includes the necessary decals for the Mustang MD3 nose.



MD3 Camaro Nose I.D. Kit **NEW!**

FIV20132-44141

Kit includes the necessary decals for the Camaro MD3 nose.



MD3 Street Stock Front Bumper **NEW!**

FIV20002-71182

Made with 1-3/4" x .095" steel tubing, front bumper is for use on Street Stocks fitted with the MD3 Camaro nose.



MD 3 Half Fenders **NEW!**

A perfect fit for the MD3 Street Stock nose, half fenders are manufactured from high-impact plastic and mount easily to fabricated doors.

Color	Left Part No.	Right Part No.
Black	FIV20002-23051-BL	FIV20002-23051-BR
Chevron Blue	FIV20002-23051-CBL	FIV20002-23051-CBR
Red	FIV20002-23051-RL	FIV20002-23051-RR
White	FIV20002-23051-WL	FIV20002-23051-WR



MD3 1988 Monte Carlo Street Stock Body Components

Nose

High-impact plastic MD3 nose features a tipped-back, V-shaped design for improved aerodynamics. Nose is extended 2-1/2" along lower valance and includes an overlapped center flange for added durability. Larger upper air opening accepts nose screen (FIV021-4132). Lower opening accepts ABC nose screen (FIV600-411).

Color	Complete Nose
Black	FIV021-410B
Chevron Blue	FIV021-410CB
Orange	FIV021-410OR
Red	FIV021-410R
White	FIV021-410W
Yellow	FIV021-410Y



FIV021-410W (Graphics not included)

Nose Graphics **FIV021-410-ID**



1988 Chevrolet Monte Carlo Upper Nose Screen

Upper nose screens are specifically designed for use with MD3 style 1988 Monte Carlo noses. Screen is unpainted and available with either 1/4" or 3/16" mesh.

Part No.	Description
FIV021-413-SCR	3/16" Mesh
FIV021-4132	1/4" Mesh



1988 Chevrolet Monte Carlo Steel Body Street Stock

Complete bodies and replacement body panels are now available for the popular 1981-88 Chevrolet Monte Carlo. Perfect replacements for Hobby, Factory, or Street Stocks. Please add "L" (Left) or "R" (Right) to end of part number when ordering doors, fenders, or quarter panels.



FIV601-101S Package Includes: doors, fenders, lower quarter panels, bumper cover, nose-only graphics kit, and tail-only graphics kit.

Part No.	Description
Complete Steel Street Stock Body Packages	
FIV601-101S	Complete Body Package, See Above
Body Components, Steel Street Stock	
FIV021-413-SCR	Front Nose Screen, 3/16" Stainless, Upper
FIV601-21S-WL or R	Steel Door, Specify "R" (Right)
FIV601-24SL or R	Steel Outer Fender Skin, Specify "R" (Right) or "L" (Left)
FIV601-3302S	Steel Factory Hood, Inner Structure Removed
FIV601-211S-WL	Steel Door, Extra-Long, Left
FIV601-211S-WR	Steel Door, Extra-Long, Right
FIV601-21S-WR	Steel Door, Right
FIV601-22S-WL	Steel Door, IMCA-Legal, Left
FIV601-22S-WR	Steel Door, IMCA-Legal, Right
FIV601-23S-WL	Steel Fender, Lower Only, Left
FIV601-23S-WR	Steel Fender, Lower Only, Right
FIV601-27S-WL	Steel Quarter Panel, Left
FIV601-27S-WR	Steel Quarter Panel, Right
FIV601-310S-W	Steel Deck Lid
FIV601-5104-W	Composite Roof, Rear Half Extra Long, 2 Piece
FIV600-400-B	Lower Nose Wear Strips, Black
FIV600-400-W	Lower Nose Wear Strips, White
FIV600-410W	Plastic Nose, White
FIV600-410B	Plastic Nose, Black
FIV600-410CB	Plastic Nose, Chevron Blue
FIV600-410OR	Plastic Nose, Orange
FIV600-410R	Plastic Nose, Red
FIV600-410-ID	Nose Only Graphics Kit, 1988 Monte Carlo
FIV600-4111	Front Nose Screen, 3/16" Stainless Mesh, Lower
FIV600-4131	Front Nose Screen, 3/16" Stainless, Upper
FIV021-410B	Lower Nose Screen
FIV021-450B	Rear Bumper Cover, Black
FIV021-450W	Rear Bumper Cover, White
FIV021-450-ID	Tail Only Graphics Kit, 1988 Monte Carlo
FIV600-400-OR	Plastic Wear Strips, Classic Nose, Orange
FIV601-5104-W	Extra Long Rear Roof Half, Composite
FIV601-6502-2B	Quarter Windows, Flat .093", Uncoated/Trimmed/Drilled/Black-Out Border, Pair
FIV601-6702	2-Piece 70° Spoiler, .080" Aluminum
FIV600-7501	Steel Rear Bumper, 1-1/2" Square
FIV600-904	Interior Kit
FIV600-6303	Windshield, .125" Flat Polycarbonate, Clear, Mar-resistant
FIV600-6390	Black-Out Kit, Windshield
FIV600-6101	Window, Rear, .093" Flat Polycarbonate, Clear
FIV601-6303-2B	Windshield, Monte Carlo, .125" Pre-Cut Molded Polycarbonate Mar-Resistant

1988 Chevrolet Monte Carlo Body

Two-piece composite roof and factory steel quarter panels.



Part No.	Description
FIV601-5102-W	Composite 2-Pc. Rear Half
FIV601-5104-W	Composite 2-Pc. Rear Half, Long Roof
FIV601-5112-W	Composite 2-Pc. Front Half



1988 Chevrolet Monte Carlo Wear Strips

Designed specifically for use with 1988 Monte Carlo MD3 noses, wear strips enhance downforce and protect the lower edge of the nose. Sold in pairs. Mounting kit sold separately. (FIV000-400K)

Part No.	Color
FIV021-400B	Black
FIV021-400-W	White
FIV021-400-CB	Chevron Blue
FIV021-400-OR	Orange
FIV021-400-FG	Flourescent Green
FIV021-400-FO	Flourescent Orange
FIV021-400-R	Red
FIV021-400-FR	Flourescent Red
FIV021-400-Y	Yellow
FIV021-400-FY	Flourescent Yellow



COMPLETE BODY PACKAGES SHIPPED VIA FREIGHT TRUCK

New Late Model Body

Bodies are designed for offset/straight rail chassis, offering a 47" roof height, 66" maximum tread width, and 101"-106" wheelbase. Choose from bodies in black, white or red.



Re-Skin Body Packages

Re-skin packages include high-impact plastic nose and rear bumper cover, Ultraglass or molded plastic fenders, aluminum doors, and Ultraglass or molded plastic quarter panels. Basic package includes molded plastic fenders and quarter panels, while Premium package includes Ultraglass fenders and quarter panels.

Description	Black	White	Red
Basic Package	FIV11002-10000-B	FIV11002-10600-W	FIV11002-10000-R
Premium Package	FIV11002-10000-B-P	FIV11002-10000-W-P	FIV11002-10000-R-P

Complete Body Packages

Packages include high-impact plastic nose and rear bumper cover, hand-laid fiberglass hood, Ultraglass molded plastic fenders, aluminum doors, Ultraglass or molded plastic quarter panels, aluminum deck lid, composite front and rear Greenhouse sections; coated 1/8" thick, cut, drilled, and blacked-out front window; uncoated 3/16" thick, cut, drilled, and blacked-out rear window; cut, drilled and permanently blacked-out quarter windows; and 5" or 6-1/2" tall polycarbonate spoiler with 70° or 90° angle. Basic package includes molded plastic fenders and quarter panels, while Premium package includes Ultraglass fenders and quarter panels.

Description	Black	White	Red
Economy Package	FIV11002-10600-B	FIV11002-10600-W	FIV11002-10600-R
Premium Package	FIV11002-10600-B-P	FIV11002-10600-W-P	FIV11002-10600-R-P

Advanced Lightweight Composite Body Packages

Lightweight packages include high-impact plastic nose and rear bumper cover, advanced lightweight composite hood, Ultraglass or molded plastic fenders, aluminum doors, Ultraglass or molded plastic quarter panels, aluminum deck lid, Ultraglass front and rear Greenhouse sections; coated 1/8" thick, cut, drilled, and blacked-out front window; uncoated 3/16" thick, cut, drilled and blacked-out rear window; cut, drilled, and permanently blacked-out quarter windows; and 5" or 6-1/2" tall polycarbonate spoiler with 70° or 90° angle.

Black	White	Red
FIV11002-10612-B	FIV11002-10612-W	FIV11002-10612-R

New Late Model Body Components



Part No.	Description
FIV11002-71682	Rear Bumper, 1-3/4" Dia. x .065" Wall
FIV11002-34333	Hood Pin Bracket, 3/4" Aluminum
FIV11002-34331	Hood Pin Bracket, 1/2" Steel
FIV11002-75133	Nose to Fender Back-Up Plate Kit, 2 Pcs.
FIV11002-66222	Door Vent Windows
FIV11002-71182	Front Bumper, 1-3/4" x .065" Round Steel
FIV11002-71185	Front Bumper, 1-3/4" x .095" Round Steel
FIV11002-71188	Front Bumper, 1-3/4" x .095" Round Steel w/12" Extension
FIV11002-73333	Aluminum Hood Hinge Kit, Extended, Pair
FIV11002-75333	Nose Flap Braces, Short, Pair
FIV11002-75433	Quarter Panel Braces, Aluminum, 2-Pcs
FIV11002-75533	Right Side Door Support, Aluminum
FIV11002-75633	Deck Lid Bracket
FIV11002-75733	Lower Nose Support Bracket, Aluminum

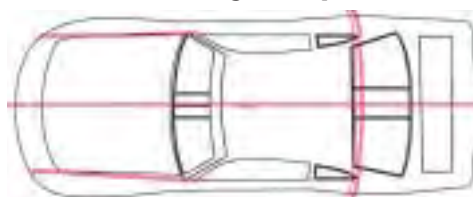
2019 Late Model Body Windows

Windows listed are precisely cut and drilled, and feature a permanent, black-out border. Choose from coated or uncoated rear windows. Window braces must be purchased separately.



Description	Part No.
Front Window, Coated, 1/8" Thick	FIV11002-63253
Front Window Braces, Aluminum, 3 Pcs.	FIV11002-76333
Rear Window, Uncoated, 3/32" Thick	FIV11002-61151
Rear Window, Coated, 3/32" Thick	FIV11002-61153
Rear Window Braces, Aluminum, 3 Pcs.	FIV11002-76133
Quarter Window, Left	FIV11002-65153-L
Quarter Window, Right	FIV11002-65153-R

New Late Model Body Templates



Constructed from 1/2" plywood, templates are used to ensure that the car meets stringent late body specifications.

Part No.	Description
FIV11132-82091	Complete Set
FIV11002-82191	Centerline
FIV11132-82991L	Left Fender
FIV11132-82991R	Right Fender
FIV11132-82391	Nose Centerline
FIV11002-82591	Roof Front
FIV11002-82691	Roof Rear
FIV11002-82491	Nose Template, Side-to-Side
FIV11002-82691	Rear Roof Template



**COMPLETE BODY PACKAGES SHIPPED
VIA FREIGHT TRUCK**

New Late Model Replacement Body Panels and Related Components

Description	Black	White	Red	Chevron Blue
Deck Lid, Aluminum	FIV661-310A-B	FIV661-310A-W	FIV661-310A-R	—
Door, Aluminum, Left	FIV11002-21033-BL	FIV11002-21033-WL	FIV11002-21033-RL	—
Door, Aluminum, Right	FIV11002-21033-BR	FIV11002-21033-WR	FIV11002-21033-RR	—
Fender, Ultraglass, Left	FIV11002-23013-BL	FIV11002-23013-WL	FIV11002-23013-RL	—
Fender, Ultraglass, Right	FIV11002-23013-BR	FIV11002-23013-WR	FIV11002-23013-RR	—
Fender, Molded Plastic, Left	FIV11002-23051-BL	FIV11002-23051-WL	FIV11002-23051-RL	—
Fender, Molded Plastic, Right	FIV11002-23051-BR	FIV11002-23051-WR	FIV11002-23051-RR	—
Hood, Lightweight Composite	FIV11002-33011L-B	FIV11002-33011L-W	FIV11002-33011L-R	—
Hood, Hand-Laid Fiberglass	FIV11002-33011-B	FIV11002-33011-W	FIV11002-33011-R	—
Quarter Panel, Molded Plastic, Left	FIV11002-27351-BL	FIV11002-27351-WL	FIV11002-27351-RL	—
Quarter Panel, Molded Plastic, Right	FIV11002-27351-BR	FIV11002-27351-WR	FIV11002-27351-RR	—
Quarter Panel, Ultraglass, Left	FIV11002-27313-BL	FIV11002-27313-WL	FIV11002-27313-RL	—
Quarter Panel, Ultraglass, Right	FIV11002-27313-BR	FIV11002-27313-WR	FIV11002-27313-RR	—
Greenhouse Section, Composite, Front	FIV11002-51311-B	FIV11002-51311-W	FIV11002-51311-R	—
Greenhouse Section, Ultraglass, Front	FIV11002-51313-B	FIV11002-51313-W	FIV11002-51313-R	—
Greenhouse Section, Composite, Rear	FIV11002-51511-B	FIV11002-51511-W	FIV11002-51511-R	—
Greenhouse Section, Ultraglass, Rear	FIV11002-51513-B	FIV11002-51513-W	FIV11002-51513-R	—
Rear Bumper Cover	FIV11002-45051-B	FIV11002-45051-W	FIV11002-45051-R	—
Nose, 2019 Chevy Camaro	FIV11132-41051-B	FIV11132-41051-W	FIV11132-41051-R	FIV11132-41051-CB
Nose, 2019 Ford Mustang	FIV11322-41051-B	FIV11322-41051-W	FIV11322-41051-R	—
Nose, 2019 Toyota Camry	FIV11712-41051-B	FIV11712-41051-W	FIV11712-41051-R	—



Nose Wear Strips

Black Part No.	Chevron Blue Part No.	Fluorescent Green Part No.	Fluorescent Orange Part No.	Fluorescent Red Part No.
FIV11002-41551-B	FIV11002-41551-CB	FIV11002-41551-FG	FIV11002-41551-FO	FIV11002-41551-FR
Fluorescent Yellow Part No.	Orange Part No.	Red Part No.	White Part No.	Yellow Part No.
FIV11002-41551-FY	FIV11002-41551-O	FIV11002-41551-R	FIV11002-41551-W	FIV11002-41551-Y



	2019 Camaro	2019 Mustang	2019 Camry
2019 Late Model Body Nose and Tail I.D. Kits			
Nose I.D. Kit	FIV11132-44141	FIV11322-44141	FIV11712-44141
Tail I.D. Kit	FIV11132-44541	FIV11322-44541	FIV11712-44541



	5" High/70°	5" High/90°	6-1/2" High/70°	6-1/2" High/90°
2019 Late Model Body Polycarbonate Spoilers				
60" Long, Complete, Plain	FIV11002-47357	FIV11002-47359	FIV11002-47367	FIV11002-47369
60" Long, Complete, Black	FIV11002-47357-B	FIV11002-47359-B	FIV11002-47367-B	FIV11002-47369-B
Blades Only, 2 Pcs.	FIV11002-47357-2	FIV11002-47359-2	FIV11002-47367-2	FIV11002-47369-2
Brackets Only, Plain, Pair	FIV11002-47367-1	FIV11002-47369-1	FIV11002-47367-1	FIV11002-47369-1
Brackets Only, Black, Pair	FIV11002-47367-1B	FIV11002-47369-1B	FIV11002-47367-1B	FIV11002-47369-1B



KEEGAN DYKSTRA



COLE ALLERS



**COMPLETE BODY PACKAGES SHIPPED
VIA FREIGHT TRUCK**

ABC (Advanced Body Configuration) Bodies

ABC bodies are designed for offset/straight rail chassis and offer a 47" roof height, 66" maximum tread width, and 101"-108" wheel-base. Bodies are approved for use in ACT, ARCA Midwest Tour, CRA, Southern Super Series, PASS, SRL Spears, and other popular racing series. Choose from Greenhouse or Traditional Roof bodies.

ABC Greenhouse Style Bodies

Very easy to mount, the Greenhouse features a two-piece roof configuration that offers several benefits when compared to Traditional Roof bodies. Bodies include molded plastic quarter panels for maximum durability. Choose from Re-Skin, Economy or Advanced Lightweight Composite Panel body packages in black, white, or red.

Re-Skin Body Packages

Economy body package includes aluminum doors, high-impact plastic nose, bumper cover, fenders for 10" tires, quarter panels, and rocker panels. Premium package includes choice of Ultraglass or composite fenders, Ultraglass quarter panels, and choice of plastic or aluminum rocker panels.

Description	Black	White	Red
Economy Re-Skin Package	FIV593-100-B	FIV593-100-W	—
Premium Re-Skin Package	FIV593-100-B-P	FIV593-100-W-P	FIV593-100-R-P



Complete Re-Skin Body Packages

Includes all of the components from the Re-Skin Body Package with the addition of an aluminum deck lid, composite hood, front and rear greenhouse sections, Ultraglass windshield cowl panel, 6-1/2" tall 70° spoiler, and molded, cut-to-fit beveled and drilled windows with permanent black-out border (windshield and quarter windows are mar-resistant, rear window is uncoated). Premium package includes additional choice of Ultraglass or composite fenders, Ultraglass quarter panels, and choice of plastic or aluminum rocker panels.

Description	Black
Economy Complete Body Package	FIV593-142-B
Premium Complete Body Package	FIV593-142-B-P



Advanced Lightweight Composite Body Packages

Identical to the Economy Complete Body Package but with upgrades including an advanced lightweight composite hood, front and rear greenhouse sections, Ultraglass fenders, and quarter panels. Advanced composite panels are lightweight without compromising durability.

Description	Black
Advanced Lightweight Composite Body Package	FIV593-152-B



ABC Traditional Roof Bodies

The original ABC body configuration features a one-piece roof with full quarter panels and a separate deck lid filler. Choose from Re-Skin, Economy, or Advanced Lightweight Composite Panel body packages in black, white, or red.

Re-Skin Body Packages

Economy body package includes aluminum doors, high-impact plastic nose, bumper cover, fenders for 10" tires, rocker panels and Ultraglass quarter panels. Premium package includes choice of Ultraglass or composite fenders, Ultraglass quarter panels, and choice of plastic or aluminum rocker panels.

Description	Black	White	Red
Economy Re-Skin Package	FIV583-100-B	FIV583-100-W	FIV583-100-R
Premium Re-Skin Package	FIV583-100-B-P	FIV583-100-W-P	FIV583-100-R-P



Complete Re-Skin Body Packages

Includes all of the components from the Re-Skin Body Package with the addition of an aluminum deck lid, composite hood, front and rear greenhouse sections, Ultraglass windshield cowl panel, 6-1/2" tall 70° spoiler, molded, cut-to-fit beveled and drilled windows with permanent black-out border (windshield and quarter windows are mar-resistant, rear window is uncoated). Premium package includes additional choice of Ultraglass or composite fenders, Ultraglass quarter panels, and choice of plastic or aluminum rocker panels.

Description	Black
Economy Body Package	FIV583-142-B
Premium Body Package	FIV583-142-B-P



Advanced Lightweight Composite Body Packages

Identical to the Economy Complete Body Package but with upgrades including an advanced lightweight composite hood and roof, and Ultraglass fenders. Advanced composite panels are lightweight without compromising durability.

Description	Black	White
Advanced Lightweight Composite Body Package	FIV583-152-B	FIV583-152-W



ABC Greenhouse Replacement Body Panels

Description	Black	White	Red
Replacement Panels			
Cowl Panel, Ultraglass	FIV671-5100-B	FIV671-5100-W	FIV671-5100-R
Cowl Air Insert	FIV661-5100A-B	FIV661-5100A-W	FIV661-5100A-R
Deck Lid, Aluminum	FIV661-310A-B	FIV661-310A-W	FIV661-310A-R
Deck Lid Filler Panel, Ultraglass	FIV661-3200-B	FIV661-3200-W	—
Door, Aluminum, Left	FIV661-21A-BL	FIV661-21A-WL	FIV661-21A-RL
Door, Aluminum, Right	FIV661-21A-BR	FIV661-21A-WR	FIV661-21A-RR
Door, Aluminum, Left, White Extra Long	—	FIV662-211A-WL*	—
Door, Aluminum, Right, White Extra Long	—	FIV662-211A-WR*	—
Fender, Composite, for 8" Tires, Left	FIV663-230-BL	FIV663-230-WL	—
Fender, Composite, for 8" Tires, Right	FIV663-230-BR	FIV663-230-WR	—
Fender, Ultraglass, for 10" Tires, Left	FIV663-240-BL	FIV663-240-WL	FIV663-240-RL
Fender, Ultraglass, for 10" Tires, Right	FIV663-240-BR	FIV663-240-WR	FIV663-240-RR
Fender, Plastic, for 8" Tires, Left	FIV660-23-BL	FIV660-23-WL	FIV660-23-RL
Fender, Plastic, for 8" Tires, Right	FIV660-23-BR	FIV660-23-WR	FIV660-23-RR
Fender, Plastic, for 10" Tires, Left	FIV660-24-BL	FIV660-24-WL	FIV660-24-RL
Fender, Plastic, for 10" Tires, Right	FIV660-24-BR	FIV660-24-WR	FIV660-24-RR
Greenhouse Section, Front, Composite	FIV671-5112-B	FIV671-5112-W	FIV671-5112-R
Greenhouse Section, Front, Lightweight Composite	FIV671-5112L-B	—	FIV671-5112L-R
Greenhouse Section, Rear, Composite	FIV671-5102-B	FIV671-5102-W	—
Greenhouse Section, Rear, Lightweight Composite	FIV671-5102L-B	—	FIV671-5102L-R
Hood, Composite	FIV670-3301-B	FIV670-3301-W	FIV670-3301-R
Hood, Composite, 2-1/2" Scoop	FIV660-3303-B*	FIV660-3303-W*	—
Hood, Advanced Lightweight Composite	FIV670-3301L-B	FIV670-3301L-W	FIV670-3301L-R
Quarterpanel, Ultraglass, Left	FIV673-270-BL	FIV673-270-WL	FIV673-270-RL
Quarterpanel, Ultraglass, Right	FIV673-270-BR	FIV673-270-WR	FIV673-270-RR
Quarterpanel, Plastic, Left	FIV670-27-BL	FIV670-27-WL	FIV670-27-RL
Quarterpanel, Plastic, Right	FIV670-27-BR	FIV670-27-WR	FIV670-27-RR
Rear Bumper Cover	FIV460-450-B	FIV460-450-W	FIV460-450-R
Rocker Panel, Aluminum, Right or Left	FIV000-5501A-B	FIV000-5501A-W	FIV000-5501A-R
Rocker Panel, Molded Plastic, Right or Left	FIV000-5501P-B	FIV000-5501P-W	FIV000-5501P-R
Noses			
Nose, Plastic, Chevy SS	FIV660-410-B	FIV660-410-W	FIV660-410-R
Nose, Plastic, Dodge Charger	FIV470-410-B	FIV470-410-W	—
Nose, Plastic, Ford Fusion	FIV570-410-B	FIV570-410-W	FIV570-410-R
Nose, Plastic, Toyota Camry	FIV720-410-B	FIV720-410-W	FIV720-410-R

* Not ABC-approved.

Polycarbonate Spoilers, 60" Long	55°	70°	90°
Complete, Plain, 5" High	FIV661-6745	FIV661-6747	—
Complete, Plain, 6-1/2" High	FIV661-6735	FIV661-6737	FIV661-6739
Complete, Black, 6-1/2" High	—	FIV661-6737-B	FIV661-6739-B
Brackets Only, Plain, 6-1/2" High	—	FIV661-6737-1	FIV661-6739-1
Brackets Only, Black, 6-1/2" High	—	FIV661-6737-1B	FIV661-6739-1B
Blades, Polycarbonate, 6-1/2" High	—	FIV661-6737-2	FIV661-6739-2

Templates	Chevy/Toyota	Ford
Complete Set	FIV660-82	FIV570-82

Windows	Part No.
Window, Quarter, Mar-Res., Blackout, Left	FIV460-6515BL
Window, Quarter, Mar-Res., Blackout, Right	FIV460-6515BR
Window, Rear, Mar-Res., Blackout Border	FIV574-6115-3B
Window, Rear, Uncoated, Blackout Border	FIV574-6111-3B
Window, Rear, Uncoated	FIV574-6111-3
Windshield, Pre-Cut-to-Fit, Blackout Border, 1/8"	FIV564-6325-3B
Windshield, Pre-Cut-to-Fit, 1/8"	FIV564-6325-3



FIV671-5112L-W



FIV460-6515BL



FIV460-6515BR



**COMPLETE BODY PACKAGES SHIPPED
VIA FREIGHT TRUCK**

**BODIES ALSO
AVAILABLE IN
BLUE OR YELLOW
BY SPECIAL ORDER**

ABC Traditional Roof Replacement Body Panels

Description	Black	White	Red
Replacement Panels			
Cowl Panel, Ultraglass	FIV671-5100-B	FIV671-5100-W	FIV671-5100-R
Cowl Air Insert	FIV661-5100A-B	FIV661-5100A-W	FIV661-5100A-R
Deck Lid, Aluminum	FIV661-310A-B	FIV661-310A-W	FIV661-310A-R
Deck Lid Filler Panel, Ultraglass	FIV661-3200-B	FIV661-3200-W	—
Door, Aluminum, Left	FIV661-21A-BL	FIV661-21A-WL	FIV661-21A-RL
Door, Aluminum, Right	FIV661-21A-BR	FIV661-21A-WR	FIV661-21A-RR
Door, Aluminum, Left, White Extra Long	—	FIV662-211A-WL*	—
Door, Aluminum, Right, White Extra Long	—	FIV662-211A-WR*	—
Fender, Composite, for 8" Tires, Left	FIV663-230-BL	FIV663-230-WL	—
Fender, Composite, for 8" Tires, Right	FIV663-230-BR	FIV663-230-WR	—
Fender, Ultraglass, for 10" Tires, Left	FIV663-240-BL	FIV663-240-WL	FIV663-240-RL
Fender, Ultraglass, for 10" Tires, Right	FIV663-240-BR	FIV663-240-WR	FIV663-240-RR
Fender, Plastic, for 8" Tires, Left	FIV660-23-BL	FIV660-23-WL	FIV660-23-RL
Fender, Plastic, for 8" Tires, Right	FIV660-23-BR	FIV660-23-WR	FIV660-23-RR
Fender, Plastic, for 10" Tires, Left	FIV660-24-BL	FIV660-24-WL	FIV660-24-RL
Fender, Plastic, for 10" Tires, Right	FIV660-24-BR	FIV660-24-WR	FIV660-24-RR
Hood, Composite	FIV670-3301-B	FIV670-3301-W	FIV670-3301-R
Hood, Composite, 2-1/2" Scoop	FIV660-3303-B*	FIV660-3303-W*	—
Hood, Advanced Lightweight Composite	FIV670-3301L-B	FIV670-3301L-W	FIV670-3301L-R
Quarterpanel, Ultraglass, Left	FIV463-270-BL	FIV463-270-WL	FIV463-270-RL
Quarterpanel, Ultraglass, Right	FIV463-270-BR	FIV463-270-WR	FIV463-270-RR
Rear Bumper Cover	FIV460-450-B	FIV460-450-W	FIV460-450-R
Rocker Panel, Aluminum, Right or Left	FIV000-5501A-B	FIV000-5501A-W	FIV000-5501A-R
Rocker Panel, Molded Plastic, Right or Left	FIV000-5501P-B	FIV000-5501P-W	FIV000-5501P-R
Roof, Composite	FIV661-5102-B	FIV661-5102-W	—
Roof, Advanced Lightweight Composite	FIV661-5102L-B	FIV661-5102L-W	—
Noses			
Nose, Plastic, Chevy SS	FIV660-410-B	FIV660-410-W	FIV660-410-R
Nose, Plastic, Dodge Charger	FIV470-410-B	FIV470-410-W	—
Nose, Plastic, Ford Fusion	FIV570-410-B	FIV570-410-W	FIV570-410-R
Nose, Plastic, Toyota Camry	FIV720-410-B	FIV720-410-W	FIV720-410-R

* Not ABC-approved.

Polycarbonate Spoilers, 60" Long	55°	70°	90°
Complete, Plain, 5" High	FIV661-6745	FIV661-6747	—
Complete, Black, 5" High	—	FIV661-6747-B	—
Complete, Black, 5" High	—	—	FIV661-6749-B
Complete, Plain, 6-1/2" High	FIV661-6735	FIV661-6737	FIV661-6739
Complete, Black, 6-1/2" High	—	FIV661-6737-B	FIV661-6739-B
Brackets Only, Plain, 6-1/2" High	—	FIV661-6737-1	FIV661-6739-1
Brackets Only, Black, 6-1/2" High	—	FIV661-6737-1B	FIV661-6739-1B
Blades, Polycarbonate, 5" High	—	—	FIV661-6749-2
Blades, Polycarbonate, 6-1/2" High	—	FIV661-6737-2	FIV661-6739-2

Templates	Chevy/Toyota	Ford
Complete Set	FIV660-82	FIV570-82

Windows	Part No.
Window, Quarter, Mar-Res., Blackout, Left	FIV460-6515BL
Window, Quarter, Mar-Res., Blackout, Right	FIV460-6515BR
Window, Rear, Mar-Res., Blackout Border	FIV574-6115-3B
Window, Rear, Uncoated, Blackout Border	FIV574-6111-3B
Window, Rear, Uncoated	FIV574-6111-3
Windshield, Pre-Cut-to-Fit, Blackout Border, 1/8"	FIV564-6325-3B
Windshield, Pre-Cut-to-Fit, 1/8"	FIV564-6325-3



FIV574-6115-3B



FIV680-410-ID

Graphics Kits

Premium-quality graphics kits feature a laminated protective coating that is sandblast- and chemical-resistant.



Application	Nose Only Decals	Taillights Decals
Dodge Charger	—	FIV470-450-ID
Toyota Camry	FIV740-410-ID	FIV740-450-ID
Ford Fusion	FIV500-410-ID	FIV500-450-ID
Chevy SS	FIV680-410-ID	FIV680-450-ID

High-Impact Plastic Wear Strips

Common to ABC, LMSC, Straight Up Metal, and Dirt Grand National cars, wear strips help seal the nose to the race track for improved aerodynamics. May be installed using FIV000-400K mounting kit.



Part No.	Color
FIV000-400-B	Black
FIV000-400-CB	Chevron Blue
FIV000-400-FO	Fluorescent Orange
FIV000-400-FR	Fluorescent Red
FIV000-400-FY	Fluorescent Yellow
FIV000-400-FG	Fluorescent Green
FIV000-400-OR	Orange
FIV000-400-R	Red
FIV000-400-W	White
FIV000-400-Y	Yellow
Related Component	
FIV000-400K	Wear Strip Attaching Kit

Lower Nose Screens

Offered in four configurations suitable to ABC, LMSC, Straight-Up, or Street Stock bodies.



Part No.	Description
FIV660-4111	Silver/Natural, 3/16" Mesh
FIV660-4111-B	Black Powdercoat, 3/16" Mesh
FIV660-4112	Silver/Natural, 1/4" Mesh
FIV660-4112-B	Black Powdercoat, 1/4" Mesh

Aluminum Nose Braces

FIV000-500

Lightweight aluminum nose braces fit ABC, LMSC, S2, and others, and mount to the inside of wear strips using FIV000-400K attaching kit. May be used with Telescoping Body Brace Kit FIV860.



Right Side Aluminum Door Support

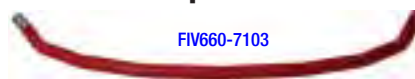
FIV11002-75533

Applicable to 2019 Late Model, ABC, S2, Dirt Grand National, Truck, Fiberglass Sportsman, or Straight-Up Metal bodies, aluminum support allows adjusting the right side door to the desired width.



Formed Front and Rear Bumpers

Bumpers are precision formed from 1-3/4" diameter round steel tubing and are contoured to fit the inside of Five Star noses or bumper covers.



FIV660-7103

Part No.	Description
Front Bumpers	
FIV660-7103	ABC/LMSC/Straight-Up, .065" Steel
FIV660-7103B	ABC/LMSC/Straight-Up, .095" Steel
FIV660-7103C	ABC/LMSC/Straight-Up, .095" Steel, 12" Extended Right Side
Rear Bumper	
FIV570-7503	ABC/LMSC/Straight-Up/S2, .065" Steel

Hood Pin Brackets

Brackets are pre-formed to fit the top of the nose and meet template inspections. Choose from 1/2" or 3/4" O.D. steel or lightweight aluminum. Includes (5) tabs for (5) hood pins.

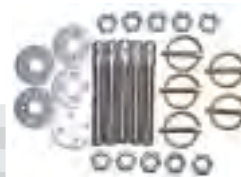


Description	1/2" O.D.	3/4" O.D.
ABC/LMSC/Straight-Up, Steel, Exc. Ford	FIV660-410-HPB	FIV660-411-HPB
ABC/LMSC/Straight-Up, Steel, Ford	FIV570-410-HPB	FIV570-411-HPB
ABC/LMSC/Straight-Up, Aluminum, Exc. Ford	—	FIV660-411A-HPB
ABC/LMSC/Straight-Up, Aluminum, Ford	—	FIV570-411A-HPB

Hood Pin Kits **NEW!**

Hood Pin Kits include (2) 3/8" dia. aluminum hood pins. Sold in packs of two.

Part No.	Description
FIV10001-34033	3/8" Hood Pin Kit, Silver
FIV10001-34033-B	3/8" Hood Pin Kit, Black
FIV10001-34033-CB	3/8" Hood Pin Kit, Blue
FIV10001-34033-R	3/8" Hood Pin Kit, Red



Door Vent Windows

FIV000-6202

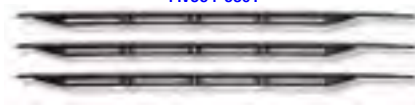
Wind tunnel-proven to improve aerodynamics. Molded, mar-resistant polycarbonate windows are sold per pair. Designed for ABC, LMSC, S2, Fiberglass Sportsman, Straight-Up Metal, Street Stock, or Asphalt Modifieds.



FIV564-6301

Window Braces

Engineered for ABC, LMSC, or Straight-Up Metal cars, braces provide additional window support. Manufactured from premium black-powder coated aluminum, braces include a foam-padded surface to prevent window marring. Kit includes (3) aluminum braces and mounting hardware.



Part No.	Description
FIV564-6301	Windshield Brace Kit
FIV674-6101	Rear Window Brace Kit

Rear Deck Hold-Down Kit FIV000-310H

Allows easy access to the fuel cell.



ABC Deck Lid Hold-Down Kit **NEW!**

Kit is used to retain the deck lid on ABC bodies.

Part No.	Color
FIVXM000-310H-B	Black
FIVXM000-310H-W	White





Complete Short Track Truck Body Package

Engineered to fit short track truck chassis with a 57" roof height, 66" tread width and up to a 112" wheelbase, complete body package includes aluminum doors, high-impact plastic nose, bumper cover, molded plastic fenders, aluminum quarter panels, composite hood, front and rear greenhouse sections, rocker panels, rear window, spoiler, and windshield.



Description	Black	White
Complete Short Track Truck Body Package	FIV21001-10600-B	FIV21001-10600-W

Description	Black	White
Replacement Panels		
Aluminum Door, Left	FIV21001-21033-BL	FIV21001-21033-WL
Aluminum Door, Right	FIV21001-21033-BR	FIV21001-21033-WR
Fender, Molded Plastic, Left	FIV21001-23051-BL	FIV21001-23051-WL
Fender, Molded Plastic, Right	FIV21001-23051-BR	FIV21001-23051-WR
Quarter Panel, Aluminum, Left	FIV21001-27333-BL	FIV21001-27333-WL
Quarter Panel, Aluminum, Right	FIV21001-27333-BR	FIV21001-27333-WR
Hood, Composite	FIV21001-33011-B	FIV21001-33011-W
Bumper Cover, Molded Plastic, Complete, 2-Pc.	FIV21001-45051-B	FIV21001-45051-W
Bumper Cover, Molded Plastic, Left Side Only	FIV21001-45051-BL	FIV21001-45051-WL
Bumper Cover, Molded Plastic, Right Side Only	FIV21001-45051-BR	FIV21001-45051-WR
Greenhouse Section, Front, Composite	FIV21001-51311-B	FIV21001-51311-W
Greenhouse Section, Rear, Composite	FIV21001-51511-B	FIV21001-51511-W
Truck Bed Cover, Front, Aluminum	FIVT000-351A-B	FIVT000-351A-W
Truck Bed Cover, Center, Aluminum	FIVT000-352A-B	FIVT000-352A-W
Truck Bed Cover, Rear, Aluminum	FIVT000-353A-B	FIVT000-353A-W
Truck Cab Filler, Aluminum	FIVT220-3200-B	FIVT220-3200-W

Noses		
Nose, Upper, Chevy Silverado	FIV21191-41051-B	FIV21191-41051-W
Nose, Upper Left, Chevy Silverado	FIV21191-41051-BL	FIV21191-41051-WL
Nose, Upper Right, Chevy Silverado	FIV21191-41051-BR	FIV21191-41051-WR
Nose, Upper, Ford F-150	FIV21341-41051-B	FIV21341-41051-W
Nose, Upper Left, Ford F-150	FIV21341-41051-BL	FIV21341-41051-WL
Nose, Upper Right, Ford F-150	FIV21341-41051-BR	FIV21341-41051-WR
Nose, Lower	FIV81001-41151-B	FIV81001-41151-W
Nose, Lower Left	FIV81001-41151-BL	FIV81001-41151-WL
Nose, Lower Right	FIV81001-41151-BR	FIV81001-41151-WR



[FIV21001-21033](#)

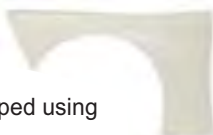


[FIV21191-41051-B](#)

Short Track Truck Fenders

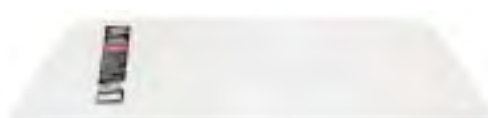
High-impact plastic fenders are exceptionally flexible and durable. Smooth finish allows excellent paint adhesion when prepped using plastic primer. Offered in white only.

Part No.	Description
FIVT230-23-WL	Chevy Truck Fender, Left
FIVT230-23-WR	Chevy Truck Fender, Right



Windows

Part No.	Description
FIV21001-61151	Window, Rear, .093" Pre-Cut, Molded, Uncoated
FIV21001-61153	Window, Rear, .093" Oversize, Molded, Coated
FIV21001-63202	Windshield, 1/8" Oversize, Coated
FIV21001-63253	Windshield, 1/8" Pre-Cut, Blackout Border, Coated
FIV21001-76333	Front Window Brace Kit, Pre-Drilled, Foam Padded, Aluminum, 3-Pcs.



[FIV21001-61151](#)

Short Track Truck Lower Nose Screen

NEW! [FIVT230-4111](#)

Lower, 3/16" nose screen is designed for use on Chevy bodied short track trucks.



Miscellaneous Body Components and Accessories

Part No.	Description
FIV21001-34131	Hood Pin Bracket, 1/2" O.D., Steel
FIV21001-71162	Front Bumper, 1-1/2" O.D. x .065" Wall, Steel
FIV81001-46433B	Lower Nose Screen, Aluminum, 1/4"
FIVT000-7503	Rear Bumper, 1-3/4" x .065" Wall, Steel



[FIV21001-71162](#)

Graphics Kits



Part No.	Description
FIV21191-44141	Chevy Silverado Nose I.D.
FIV21191-44541	Chevy Silverado Tail I.D.
FIV21341-44141	Ford F-150 Nose I.D.
FIV21341-44541	Ford F-150 Tail I.D.

[FIV21191-44141](#)



S2 Sportsman Body

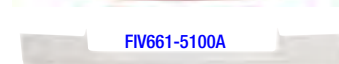
The S2 body package is engineered to fit Street Stock/Sportsman using popular metric chassis with a 108" wheelbase and a 51" roof height. Sleek NASCAR-style body is wind tunnel-tested and has a two-piece front greenhouse, integrated cowl with roof posts, rear greenhouse with integrated quarter panel window panels, rear window frame, and deck lid panel. Replacement body panels may be purchased separately.



FIV664-410W
(Graphics not included)



FIV664-7103



FIV661-5100A



FIV664-23WL

Graphics Kits



FIV680-410-ID

Description	Chevy SS	Dodge Charger	Ford Fusion
Nose	FIV680-410-ID	—	FIV500-410-ID
Rear Bumper Cover	FIV680-450-ID	FIV470-450-ID	FIV500-450-ID

Universal Body Components

Part No.	Description
FIV664-7103	Bumper, Front, .065" Steel x 1-3/4" Round
FIV570-7503	Bumper, Rear, .065" Steel x 1-3/4" Round
FIV661-5100A-W	Cowl Air Inlet Insert
FIV661-310A-W	Deck Lid, Aluminum
FIV664-21A-WL	Door, Left, Aluminum
FIV664-21A-WR	Door, Right, Aluminum
FIV664-23WL	Fender, Left, White Plastic
FIV664-23WR	Fender, Right, White Plastic
FIV664-3301-W	Hood, Flat, Composite, White
FIV664-411-HPB	Hood Pin Bracket, 3/4"
FIV664-410W	Nose, Complete 4-Piece, White Plastic
FIV664-411W	Nose, Lower, 2-Piece, White Plastic
FIV664-412W	Nose, Upper, 2-Piece, White Plastic
FIV664-400-R	Nose, Lower Wear Strips, 2-Piece, Red Plastic
FIV664-400-W	Nose, Lower Wear Strips, 2-Piece, White Plastic
FIV664-411-WL	Nose, LH Lower Only, White Plastic
FIV664-411-WR	Nose, RH Lower Only, White Plastic
FIV664-412-WL	Nose, LH Upper Only, White Plastic
FIV664-412-WR	Nose, RH Upper Only, White Plastic
FIV664-4112	Nose Screen, Lower, 1/4" Spacing
FIV664-27-WL	Quarter Panel, Left, White Plastic
FIV664-27WR	Quarter Panel, Right, White Plastic
FIV000-5501A-W	Rocker Panel, Aluminum, Fits Either Side
FIV000-5501P-W	Rocker Panel, Plastic, Fits Either Side
FIV664-6111-2B	Window, Rear,
FIV664-6325-2B	Pre-Cut and Drilled with Blackout
	Windshield, Pre-Cut and Drilled with Blackout

Spoilers

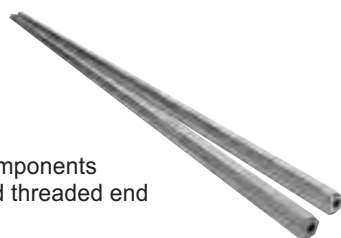


Description	3/16" 5" x 60", 70°	3/16" 5" x 60", 55°	1/4" 6-1/2" x 60", 70°	1/4" 6-1/2" x 60", 55°
With Unpainted Brackets	FIV661-6747	FIV661-6745	FIV661-6737	FIV661-6735
With Black Brackets	FIV661-6747-B	—	FIV661-6737-B	—

Accessories

Universal Bracing Accessories

Five Star has a variety of components including aluminum tubing and threaded end assemblies to mount bodies.



Part No.	Description
FIV807-1	Aluminum Tubing Kit, Includes (2) 7/16" Dia. x 3' Long Tubes
FIV807-2	Threaded End Assemblies, Includes (2) RH and (2) LH, and (2) Hose Clamps
FIV807L	1/4"-20 LH Thread Tap, Extra Long
FIV807R	1/4"-20 RH Thread Tap, Extra Long

Window Installation Kit FIV805

Kit includes everything required to install polycarbonate windshield, rear, and side windows. Includes 120 each: 6-32 x 1/2" anodized flat-head socket screws and 6-32 nylon locknuts, one long-arm hex key, and one 9/64" drill bit.



Part No.	Description
FIV805-1	High-Speed Countersink Bit, 3/8" Dia., 1/4" Shank Required to Countersink into Polycarbonate



Body Mounting Tab Kit

FIV807-4

Natural-finish steel, gusseted mounting tabs have 1/4" hole. Pack of 25.



Universal Aluminum

Rocker Panel FIV000-5502A

Manufactured from aircraft-quality aluminum with rolled lowered edge and designed to fit either side. Natural finish is protected with baked-on gloss for added surface durability. Sold each.



Carbon Fiber Flat Sheets

Laminated 3-layer carbon fiber/e-glass blend offers a low-cost alternative to 100% carbon fiber.

Part No.	Description
FIV090-00412	4' x 8' x .040 Thick
FIV090-04412	2' x 4' x .040 Thick



Polycarbonate/Aluminum Spoilers

Two-piece poly blade, aluminum bracket spoilers are offered in 5" or 6-1/2" heights in 55° or 70° angle as specified by ABC rules.



Description	Part No.	Part No.
3/16" Curved Spoiler, 5" x 60"	FIV661-6745	FIV661-6747
1/4" Curved Spoiler, 6-1/2" x 60"	FIV661-6735	FIV661-6737

Part No.	Description
FIV661-6737-2	Replacement Blades Only, 6-1/2" x 60"
FIV661-6747-2	Replacement Blades Only, 5" x 60"

Avex-Style Rivets and Washers

Avex-style rivets offer a better grip than standard pop rivets because they expand in the hole, preventing loose body panels. They are also easier to remove.



Description	Qty.	Small Head Part No.	Large Head Part No.
1/8" Multi-Grip	100	FIV815-100S	—
1/8" Multi-Grip	500	FIV815-500S	FIV815-500L
3/16" Multi-Grip	100	FIV816-100S	—
3/16" Multi-Grip	500	FIV816-500S	FIV816-500L
3/16" Multi-Grip, Long Shank	100	FIV816A-100S	—
3/16" Multi-Grip, White	100	FIV814W-100S	FIV814W-100L
3/16" Multi-Grip, White	500	FIV814W-500S	FIV814W-500L
3/16" Multi-Grip, Black	100	FIV814B-100S	FIV814B-100L
3/16" Multi-Grip, Black	500	FIV814B-500S	FIV814B-500L
3/16" Multi-Grip	100	FIV816-100L	—
3/16" Multi-Grip, Chevron Blue	100	FIV814CB-100L	—
3/16" Multi-Grip, Chevron Blue	100	FIV814CB-100S	—
3/16" Multi-Grip, Chevron Blue	500	FIV814CB-500S	FIV814CB-500L
3/16" Multi-Grip, Red	100	FIV814R-100L	—
3/16" Multi-Grip, Red	100	FIV814R-100S	—
3/16" Multi-Grip, Red	500	FIV814R-500S	FIV814R-500L
3/16" Multi-Grip, Yellow	100	FIV814Y-100S	—
3/16" Multi-Grip, Yellow	500	FIV814Y-500S	—

Part No.	Description
FIV817-500A	Aluminum 1/8" Back-Up Washers, 500 Pcs.
FIV818-500A	Aluminum 3/16" Back-Up Washers, 500 Pcs.
FIV818-500AL	Large Aluminum 3/16" Back-Up Washers, 500 Pcs.
FIV818-100A	Aluminum 3/16" Back-Up Washers, 100 Pcs.

Window Cleaner FIV843

Foaming action removes dirt from polycarbonate windows without scratching. Aerosol cleaner incorporates a non-streaking, grease-cutting formula. Sold in 8-oz. spray bottle.



Wide-Angle Mirrors

Eagle Eye wide-angle rear view mirrors help eliminate blind spots on both sides of the car. Shatter-proof acrylic mirror is mounted in a heavy-duty frame and includes bracket kit to make overhead installation on any chassis a breeze.



Part No.	Description
FIV820-CURVED	Curved Wide-Angle Mirror
FIV820-FLAT	Flat Wide-Angle Mirror

Molded Plastic Brake Duct Kit

FIV000-412D

Universal duct kit directs 12.6" square inches of air flow from a single 4" dia. tube, up to 80% more than 3" dia. tubes. Ducts accept 3" or 4" tubing and have stainless steel screens to keep debris out. Rivets and washers are included.



Hood Prop FIV000-3400

Light and durable, perfect for hood mounting. Two required per hood. Sold individually.



Universal Hinge Kit

Aluminum hinge kit installs easily on all Five Star bodies. Two are required for hood installation.

Part No.	Description
FIV000-33H	Universal Hinge Kit, Each
FIV000-33HP	Replacement Pin and Clip Assembly

Front Bumper Installation Kit FIV802-4

Kit includes components to convert front bumper to a bolt-on. Includes two 1-1/2" square x 3' long x .065" wall, sections of steel tubing, flat-stock end caps, 3/4" round x .120" wall bushings, slotted flat stock, and required fasteners.



Rear Bumper Height-Adjustable Mounting Kit FIV802-2S

Universal rear bumper mounting kit pivots to allow precise adjustments to the height of the bumper cover. Includes all hardware required to mount a rear bumper.



Polycarbonate Rub Rail

FIV000-2100

Clear polycarbonate rub rails protect graphics without hiding them. Cut-to-fit rub rails attach with rivets, and eliminate marks on fenders, doors, and quarter panels. One-piece, 79" long. Sold individually.





Polycarbonate Body Braces FIV804

Universal body braces are stiff enough to support body panels and flexible enough to bend and spring back when hit. Kit includes 7 polycarbonate braces (2-1/2" x 27"), and 14 aluminum 1" x 2" mounting tabs.



Adjustable Body Braces FIV807-3

Use to support roof, deck lid filler, quarter panels, spoiler, and more! Allows fine adjustments to panels to meet templates and critical dimensions. Adjustable from 8" to 10-1/2". Sold per pair.



Roof to Quarter Panel Backup Plate Kit FIV000-27B

Kit is designed to reinforce the seams where the rear greenhouse meets the quarter panels.

Plastic Primer FIV842

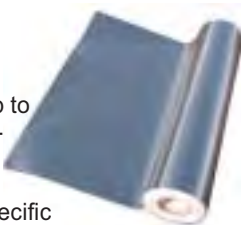
Formulated for use on plastic noses, Five Star Plastic Primer eliminates paint flaking and peeling. One 12-ounce can contains enough primer to apply two coats to nose and bumper cover, inside and out. Just scuff parts with a Scotchbrite pad, wipe, and prime. Five Star tested, approved, and recommended. IT WORKS!

Ground
Shipment
Only



Reflective Heat Film FIV000-5HS

Reflects at least 90% of radiant heat, up to 500°F. Light-duty reflective film with fiberglass backing resists tearing. Self-adhesive backing allows easy installation and removal. Easily cut and formed to specific locations, such as air boxes, foot boxes, and fuel filter housings. 5' x 26" lengths.



C5 Series Cowl Induction Cold Air Systems

Patent-pending cold air systems were developed after extensive flow bench testing. Made from a durable lightweight composite, C-5 systems dramatically increase air flow. An optimized mounting angle improves both underhood fit and distributor clearance. Systems accept 14" diameter air filter elements, and are designed to be used with Five Star cowl panels and an updated air deflector (FIV000-5200A). Choose from standard or 3° angled systems for a proper, level fit to the engine.



Part No.	Description
FIV000-5224	2bbl. Cold Air System, Standard Angle
FIV000-5243	4bbl. Cold Air System, 3° Angle
FIV661-5100A-W	Replacement Cowl Air Insert, White

Cowl Induction Cold Air Systems

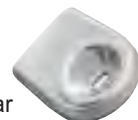
Light, durable air boxes provide superior air flow for two- and four-barrel carburetors. Fiberglass boxes include aluminum carb rings. Boxes mate with the cowl panel and air deflector.



Part No.	Description
FIV000-5114	Fiberglass Cowl Induction System, 4bbl., 14" Element
FIV000-5116	Fiberglass Cowl Induction System, 4bbl., 16" Element
FIV000-5224	Fiberglass Cowl Induction System, 2bbl., 14" Element

Intake Air Box Heat Shield FIV000-52HS

Designed specifically for installation with Five Star cowl-induction cold air systems, heat shield reflects up to 90% of the radiant energy from your engine, providing a cooler incoming air charge. Fiberglass-reinforced, tear-resistant reflective film protects against heat up to 500°F and features a self-adhesive backing that allows easy application or removal. Weighs less than 4 oz.



Bump "N" Run Duct Assemblies

Ducts are designed to remain 100% functional even after taking a hit. Custom canvas bag and aluminum framing replace traditional rigid metal ductwork. Kits are available to fit popular Griffin, Howe, and C&R radiators based on core size.

Part No.	Description
FIV000-409-1	Fits Griffin 22-3/8" Core Radiators
FIV000-409-2	Fits Howe 24-1/2" Core Radiators
FIV000-409-3	Fits Howe 22-1/4" Core Radiators
FIV000-409-4	Fits C&R 22-1/4" Core Radiators
FIV000-409-5	Fits C&R 24-1/2" Core Radiator
FIV000-409-6	Fits Howe 27-1/4" Core Radiators
FIV000-409-NP	Replacement Nose Air Inlet Extension



2-Gauge Battery Relocation Kit **NEW!** FLAFR1063

Kit includes 20' of 2-gauge positive cable and 8' of 2-gauge ground cable, each of which utilizes an ultra-fine 100% copper conductor that offers very low resistance. Sold complete with heavy-duty copper ends, cable clamps, heat-shrink tubing, and necessary hardware.



The Big Switch 500 with Lockout **NEW!**

Extra-heavy-duty battery disconnect switch with large silver-plated pads and terminals is rated at 500 amps continuous service. Switch has a completely sealed, waterproof design and can withstand the extreme vibration common to racing applications. Lock-out provision allows use of a padlock in the "off" position to prevent theft or accidental activation.



FLAFR1047

FLAFR1046



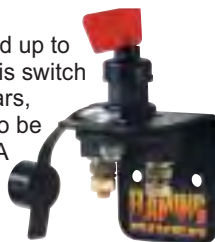
Part No.	Description
FLAFR1046*	Big Switch with Lockout
FLAFR1046LED*	Big Switch with Lockout and LED Indicator
FLAFR1047	Big Switch 500 with Lockout Hole and Lever Handle

* Lockout bracket provision complies with OSHA regulations.



The Little Switch with Mounting Bracket FLAFR1002

A 100-amp continuous-service rating, and up to 500 amps for 10-second surges, makes this switch ideal for preventing battery drain in race cars, street rods, and passenger cars. It can also be used as a cost-effective anti-theft device. A rubber boot seals the neck from moisture and dirt. Competition-approved by IMSA, ARCA, and SCCA. Includes mounting bracket and removable key.



The Big Switch with Lock-Out and XL Terminals FLAFR1044

The Big Switch is a heavy-duty battery disconnect switch with increased terminal space rated at 250 amps continuous service and 2500 amps for 5-second intervals (12V/24V). The Big Switch has silver-plated contacts, and the completely sealed, waterproof design can withstand the most severe operating conditions. Lock-out bracket allows use of a padlock in the OFF position to comply with OSHA lock-out/tag-out regulation 1910.147, for preventing theft and accidental activation.



The Big Switch with Removable Key FLAFR1009

Removable laser-cut, stainless steel key enhances the security and safety features available with the Big Switch. This unit is rated at 250 amps continuous service and 2500 amps for 5-second intervals (12V / 24V). Heavy-duty, waterproof switch with removable key is ideal for race cars, hot rods, and passenger cars.



Dual Battery Disconnect Switch FLAFR1050

Specialized battery disconnect switch allows for two batteries to operate independently, or for both to be in the ON or OFF position at the same time. Switch is rated at 300 amps continuous and up to 1000 amps for five-second surges.



Magneto and Battery Kill Switch FLAFR1010

Dual-circuit switch shuts down both the battery and magneto. Heavy-duty, spring-loaded switch is rated for 250 amps continuous service and 2,500 amps for 5-second surges. Includes an easy grip T-handle.



Kill Switch FLAFR1013

Quickly shut down the battery and charging system right from the driver's seat. Operates with a simple push off in the event of an emergency. Durable, spring-loaded switch is color-coded and may be easily re-activated by simply turning it clockwise 1/4 turn. May be used on cars with or without an alternator.



Single-Wire Timing Light FLAFR1001

Timing light from Flaming River uses two D-cell batteries to eliminate annoying battery leads. Convenient single-wire inductive pickup and brilliant Xenon bulb allow precise timing, even in direct sunlight. Lens area is surrounded by an impact-absorbing rubber guard.



Trimline Electric Fans

Affordable, low-profile electric fan functions as a primary cooling unit and replaces belt-driven fans for increased horsepower. Can also be used as an auxiliary unit. Most can be reversed by flipping blade and reversing wires. Includes mounting rod kit.

Part No.	Description	Size	CFM	Amp Draw
FLE108	10" Pusher/Puller	11-1/4" x 10-3/4" x 2-1/4"	800	6.5
FLE112	12" Pusher/Puller	13" x 12" x 3-1/2"	1105	9
FLE114	14" Pusher/Puller	11-3/4" x 14-1/4" x 3-1/2"	1585	9.5
FLE116	16" Pusher/Puller	16-1/2" x 16" x 3-3/4"	2215	11
FLE118	16" "LoBoy" Puller	16-1/2" x 16" x 3-3/16"	2500	18.5
FLE119	16" "LoBoy" Pusher	16-1/2" x 16" x 3-3/16"	2500	18.5



Trimline Fan Mounting Brackets **NEW!** FLE32124

Includes (4) universal brackets and hardware for alternative mounting.





Electric Fans

Flex-a-lite's most powerful 15" electric fan provides constant air flow. The light-weight plastic shroud has a full contact rubber seal which improves fan efficiency and prevents radiator core damage. Available with a thermostat. Includes mounting brackets.



Part No.	Description	Size	Thermostat	CFM	Amp Draw
FLE160	Puller	18" x 16" x 4-1/4"	Adj. 160°-240°	3000	19.5
FLE180	Puller	17-1/2" x 21-1/2" x 4-3/16"	Adj. 160°-240°	3300	18

Low-Profile S-Blade Electric Fans

More efficient than traditional flat and angled fan blades, S-blade fans move 1,250 CFM and are available in "puller" or "pusher" versions with adjustable thermostat and A/C relay.



Part No.	Description	Size	CFM	Thermostat	Bracket
FLE111	Puller	13-1/2" x 15" x 2-5/8"	1,250	160°-240°	Universal
FLE123	Puller	13-1/2" x 15" x 2-5/8"	1,250	None	Universal
FLE133	Pusher	13-1/2" x 15" x 2-5/8"	1,250	160°-240°	Universal

Flex-Wave Electric Fans **NEW!**

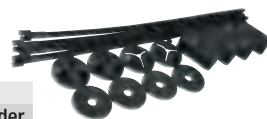
More efficient than conventional S-blade or straight-blade fans, they deliver up to 25% more air flow. May be used to replace an existing belt-driven fan for added horsepower or used as an auxiliary unit. Most may be reversed by flipping blade and reversing wiring polarity. Includes mounting rod kit.



Part No.	Description	Size	CFM	Amp Draw
FLE232	12" Pusher/Puller	13" x 12" x 3-1/2"	1325	8
FLE234	14" Pusher/Puller	14-3/4" x 14-1/4" x 3-1/2"	1900	9.5
FLE236	16" Pusher/Puller	16-1/2" x 16" x 3-3/4"	2660	11
FLE238	16" LoBoy Puller	16-1/2" x 16" x 3-3/16"	3000	18.5
FLE239	16" LoBoy Pusher	16-1/2" x 16" x 3-3/16"	3000	18.5

Electric Fan Accessories

Part No.	Description
FLE3910	Plastic Rod Mounting Kit
FLE31147	Adjustable Temperature Sender (Fan Activation)



Molded Nylon Fans

Light (11-oz.), rugged molded nylon fans are economical and engineered for strength and durability. 8,000-RPM rating.

Part No.	Size
FLE414	14" Dia.
FLE415	15" Dia.
FLE416	16" Dia.
FLE417	17" Dia.
FLE418	18" Dia.



Note: Molded nylon fans may be better retained by using the JRPBG-9108-E Aluminum Fan Washer. See page 455 for more information.

Transmission and Power Steering Oil Coolers

The new Flex-A-Lite transmission and power steering coolers provide class-leading cooling for the toughest applications such as racing and towing. Dimpled plate-and-fin design improves cooling efficiency while minimizing transmission-oil pressure drop. The coolers are an all-aluminum stacked-plate design for lower weight and maximum strength. Some Flex-A-Lite applications can also be used for power-steering coolers.



Part No.	Description	Size	GVW Rating (lbs.)
FLE400008	Power Steering, 8 Row, -6AN Fittings	11"W x 3-5/32"H x 3/4" D	4,500
FLE400023	23 Row, -6AN Fittings	11"W x 7-7/8"D x 3/4"D	26,000
FLE400030	Heavy-Duty Towing, 30 Row, -6AN Fittings	11"W x 10"H x 3/4"D	32,000
FLE400117	Power Steering, 17 Row, 3/8" Barb Fittings	11"W x 6-3/4"H x 3/4"D	7,000
FLE400123	23 Row, 3/8" Barb Fittings	11"W x 7-7/8"D x 3/4"D	26,000
FLE400130	Heavy-Duty Towing, 30 Row, 3/8" Barb Fittings	11"W x 10"H x 3/4"D	32,000
FLE600017	17 Row, -6AN Fittings, with 6-1/2" Diameter 300 CFM Fan	11"W x 6"H x 3-1/4"D	7,000
FLE600029	Heavy-Duty Towing, 29 Row, 3/8" Barb Fittings, with 10" Diameter 600 CFM Fan	11"W x 9-41/64"H x 3-1/4"D	32,000
FLE600117	17 Row, 3/8" Barb Fittings, with 6-1/2" Diameter 300 CFM Fan	11"W x 6"H x 3-1/4"D	7,000

Engine Oil Coolers

These engine oil coolers use turbulized fins inserted into the internal cooling plates to avoid an outer layer of fluid forming near the plate walls that is cooler than the fluid flowing through the center of the plate. Combined with louvered fins, this provides extremely efficient heat transfer. The 1-3/4" thick core minimizes oil-pressure drop through the cooler while maximizing heat transfer. Coolers come with interchangeable -8AN, -10AN, and -12AN fittings with O-rings. In addition, engine-oil coolers with single or dual 6" electric fans or a 10" electric fan are available.



Part No.	Description	Size	GVW Rating (lbs.)
FLE500007	Towing Light Loads, 7 Row, 7/8"-14 O-Ring, -8AN, -10AN, -12AN Fittings	11"W x 2-3/4"H x 1-3/4"D	7,000
FLE500017	17 Row, 7/8"-14 O-Ring, -8AN, -10AN, -12AN Fittings	11"W x 5-3/4"H x 1-3/4"D	17,000
FLE500021	Heavy-Duty Towing, 21 Row, 7/8"-14 O-Ring, -8AN, -10AN, -12AN Fittings	11"W x 7-1/2"H x 1-3/4"D	26,000
FLE500028	Heavy-Duty Towing, 28 Row, 7/8"-14 O-Ring, -8AN, -10AN, -12AN Fittings	11"W x 10"H x 1-3/4"D	32,000
FLE700021	Heavy-Duty Towing, 21 Row, 7/8"-14 O-Ring, -8AN, -10AN, -12AN Fittings, 6-1/2" 300 CFM Electric Fan	11"W x 7-1/2"H x 4-1/4"D	17,000
FLE700032	Heavy-Duty Towing, 32 Row, 7/8"-14 O-Ring, -8AN, -10AN, -12AN Fittings, 6-1/2" 800 CFM Electric Fan	11"W x 11"H x 4-1/4"D	26,000
FLE700040	40 Row, 7/8"-14 O-Ring, -8AN, -10AN, -12AN Fittings, (2) 6-1/2" 600 CFM Electric Fans	11"W x 14"H x 4-1/4"D	32,000



The Race Fan

An inexpensive, easy-to-replace belt-driven fan for racers. Fans use steel centers with six steel or aluminum blades, and are available in 15", 17", 18", or 19" diameters with black or silver powder-coated finishes. Pitch width is 1-3/4" with a standard automotive mounting pattern.

Description	Steel/Silver Part No.	Steel/Black Part No.	Aluminum/Silver Part No.
15" Fan	—	—	FLE1215B
17" Fan	—	—	FLE1217B
18" Fan	FLE1118B	—	FLE1218B
19" Fan	—	FLE1119	FLE1219B



Fan Spacer Kits

Fan spacers are available in three thicknesses to fit GM and Ford applications. Choose from spacers with 5/8" or 3/4" dia. hub pilots. Includes required fasteners.

Part No.	Description
FLE14544	1/2" Spacer Kit, 5/8" Pilot
FLE14548	1" Spacer Kit, 5/8" Hub Pilot
FLE14556	2" Spacer Kit, 5/8" Hub Pilot
FLE14538	2" Spacer Kit, 3/4" Hub Pilot



Flex-A-Chill FLECFM3000

Designed to produce 2,600 CFM and only draw 2.7 amps, this air mover is great for race trailers, garages, and dyno cells. Manufactured from durable polyethylene with variable speed control and includes a 16' power cord. Mounted on an integrated stand, the fan body can be easily rotated to change airflow direction. Weighs 27-1/2 lbs.



1000 Airmover FLECFM1000

Cool race cars quickly between rounds with the 1000 Airmover. Lightweight and portable electric fan features a multi-position design that can direct 900 CFM of air flow where it's needed. Low 2-amp power draw prevents over-taxing trailer circuits or generator.



TransLife Transmission Oil Coolers

Just a twenty degree drop in automatic transmission temperature can double the life expectancy. Cooler temperatures provide consistent shifts and improve performance, particularly when racing or towing.

Part No.	Description	Size	GVW Rating (lbs.)
FLE400117	Light-Duty Cooler	5" x 12" x 3/4"	10,000
FLE400130	Towing Cooler	7-1/2" x 15" x 3/4"	18,000



Stretdampr Harmonic Balancers

An economical alternative to the stock damper when an SFI-approved damper is not required. Extends crankshaft and bearing life while increasing power and torque. Stretdampr has timing marks from 0° to 40° for easy ignition timing setting and may be painted to match the engine.



Part No.	Engine	Balance	Dia.	Weight
Small Block Chevy				
FLU670100	262-350	Internal	6-7/8"	10.4 lbs.
Small Block Ford				
FLU620200	289-351W, 351C, 4-Bolt	External	6-1/4"	11.0 lbs.

SFI-Approved Harmonic Dampers

The original Fluidampr. Race-proven, SFI-approved steel balancer requires no service or maintenance and can make more horsepower, run more consistently, and maintain the longest possible crankshaft and bearing life. The engine only feels 2/3 of the rotating weight of the damper due to its unique construction. Black zinc chromate finished with timing marks from 0° to 50°, 90°, 180°, and 270°.



Part No.	Engine	Balance	Dia.	Weight
Small Block Chevy				
FLU620101	262-350	Internal	6-1/4"	7.9 lbs.
FLU720101	262-350	Internal	7-1/4"	12.2 lbs.
FLU720111	400	External	7-1/4"	14.0 lbs.
Small Block Ford				
FLU650211	289-351W, 351C, 4-Bolt	External	6-5/8"	12.9 lbs.



Professional 15-Gallon Pump Supply Systems **NEW!**

Transfer gasoline, alcohol, or oil safely, quickly, and effectively from utility jugs, fuel tanks, cells, etc. Professional-level 15-gallon system includes fluid transfer pump with draw tube and 5' of hose, 15-gallon container and heavy-duty, wheeled Versa Cart.

Part No.	Description
FLF31015-B	15-Gallon System, Blue Utility Jug
FLF31015-N	15-Gallon System, Natural Utility Jug
FLF31015-R	15-Gallon System, Red Utility Jug
FLF31015-Y	15-Gallon System, Yellow Utility Jug
Replacement Components	
FLF15502	15-Gallon Utility Jug, Blue
FLF15503-N	15-Gallon Utility Jug, Natural
FLF15504	15-Gallon Utility Jug, Yellow
FLF55100	Pump System with Draw Tube and 5' Hose
FLF80850	Professional Model Filter, Install into Draw Tube
FLF81505	Professional Model Drum Pump Kit, Allows Using FLF31015 with a Drum





Fluid Transfer Systems

A safe, quick, and effective method of pumping or drawing gasoline, alcohol, or oil at a rate of five gallons per minute. Transfer liquids from utility jugs, fuel tanks, cells, etc. System comes with two 5-gallon jugs for 10-gallon capacity. Replace with two 7.5-gallon jugs for 15-gallon capacity.

Part No.	Description
FLF10010	10-Gallon System, Includes Pump System (FLF30301), (2) Red 5-Gallon Utility Jugs and Heavy-Duty, 200 lb. Capacity Cart with Telescoping Handle (FLF60602-K).
FLF10027R	15-Gallon System, Includes Pump System (FLF30302), (2) Red 7-1/2-Gallon Utility Jugs and Compact Fold Flat Cart with Telescoping Handle and Retention Strap NEW!
Replacement Components	
FLF75001	7.5-Gallon Utility Jug, Red
FLF15503-N	15-Gallon Utility Jug, Natural NEW!
FLF60601	Compact Fold Flat Cart, Suitable to Transport (1) 7.5- or (1) 10-Gallon Jug
FLF60602-K	Fold-Flat Cart, Suitable to Transport (2) 5-Gallon Jugs, (2) 7.5-Gallon Jugs, or (1) 15-Gallon Jug NEW!

Compact Fold-Flat Carts

Heavy-duty carts have a lightweight design to make transporting utility jugs easy.

Part No.	Description
FLF60601	Compact Fold-Flat Cart, Transports (1) 7.5-gallon, or (1) 10.5-gallon container
FLF60602-K	Fold-Flat Cart, Transports (2) 5-gallon, (2) 7.5-gallon, or (1) 15-gallon container
FLF60605	Versa Cart with 10" Tires/Wheels Transports (1) 15-gallon container
FLF60655	Versa Cart Shelf, Adds Storage to FLF60605



Pump Supply Systems

Transfer fuel, oil, etc. quickly, safely and effectively from utility jugs or large drums. Pump supply systems are offered to transfer liquids from 5- or 7.5-gallon utility jugs, or 55-gallon drums.

Part No.	Description
FLF30301	Pump Supply System, Fits 5-Gallon Utility Jugs
FLF30302	Pump Supply System, Fits 7.5-Gallon Utility Jugs
FLF30307	Pump Supply System, Fits 5-Gallon Utility Jugs and 55-Gallon Drums

System Accessories

FLF80803	Draw Tube Extension, Adapts Pump Supply System to 15-Gallon Utility Jug
FLF90901	Pump Holder, Secures Pump to Trailer/Garage Wall When Not in Use NEW!



Jug Funnel Kit Assembly FLF40410

One-piece cap and funnel assembly may be used with virtually any 5-, 7.5-, or 15-gallon utility jugs. Round, 10" diameter funnel allows transferring liquid from one jug to another in seconds.



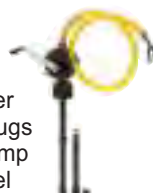
Non-Splash Funnel and Flexible Hose FLF40430

Large 9" diameter oval funnel includes a rolled lip and a flexible filler tube to prevent spills. Funnel features a built-in 40-micron filter.



Professional Model Drum Pump FLF51505

Professional Model pump transfers up to 8 gallons per minute in either direction from 7.5- or 15-gallon utility jugs and standard barrels. Pump is made using a Ryton pump body that is fitted with Viton/PTFE seals, stainless steel hardware, steel shaft, aluminum handle, and premium 3/4" x 1" hose. Includes tether line, clamp and plug, and static line.



Pour Spouts

Pour spouts attach directly to all large-mouth utility jugs. Includes cap, hose, and tether plug.

Part No.	Description
FLF70715	3/4" I.D., 1" O.D.
FLF70720	1" I.D., 1.25" O.D.



Delta Force® Series Race Mufflers

Delta Force® Race Mufflers cases use rugged 16-gauge aluminized steel. Mufflers meet or exceed most track decibel requirements and feature all-steel construction with precisely placed deflectors to split noise without reducing horsepower.



10 Series • Compact, Single Chamber Design • Noticeable Sound Reduction Vs. Open Headers **30 Series** • Aggressive Performance Tone • Moderate Interior Resonance

3" Thick by 8" Wide
10 Series, 5.50" Case Length

Part No.	Description
FL0325108	2.50" In/Out, 11.50" Total Length



5" Thick by 12" Wide
10 Series, 7.50" Case Length
Top Ten® Muffler

Part No.	Description
FL0954010-12	4.00" In/Out, 13.50" Total Length



4" Thick by 9.75" Wide
10 Series, 6.25" Case Length

Part No.	Description
FL09430109	3.00" In/Out, 12.25" Total Length
FL09435109	3.50" In/Out, 12.25" Total Length



30 Series, 14.00" Case Length
Top Ten® Muffler

Part No.	Description
FL054030-12	4.00" In/Out, 20.00" Total Length



10 Series, 10.00" Case Length

Part No.	Description
FL09430119	3.00" In/Out, 16.00" Total Length



30 Series, 17.00" Case Length
Top Ten® Muffler

Part No.	Description
FL054031-12	4.00" In/Out, 23.00" Total Length



Note: Dimensions are subject to change without notice.

Outlaw Series Race Muffler **NEW!** FLO15450S

Compact, 6" dia. x 12" long muffler includes a 5" centered inlet and outlet. Straight-through design offers maximum horsepower and torque. Manufactured from durable, aluminized steel.



Force II Scavenger Series "Y" Collectors

Designed for single exhaust systems.



Part No.	Primary Size (Slip Fit)	Outlet Size (Final)	Length
FLOY214300	2-1/4"	3"	17-1/2"
FLOY250300	2-1/2"	3"	16-1/2"
FLOY250350	2-1/2"	3-1/2"	17-1/2"
FLOY300350	3"	3-1/2"	17-1/2"
FLOY300400	3"	4"	17-1/2"

Note: Do not cut "Y" Collector; it may affect power output.



NEW VENDOR

SB Chevy Aluminum Cylinder Heads

An affordable high flowing aluminum head for popular small block Chevys. Bare heads include bronze valve guides and five-angle valve job, while assembled versions add stainless steel swirl-polished valves, high-performance valve springs, hardened locks and retainers, PC valve seals, 3/8" screw-in rocker studs, and 5/16" guide plates. Choose from 180cc runner heads with 64cc combustion chambers. Sold individually as bare or fully assembled.



Part No.	Description	Intake Runner	Comb. Chamber	Spark Plug	Int. Valve	Exh. Valve
FTC101500	Bare Cyl. Head	180cc	64cc	Angle	2.020"	1.600"
FTC101505	Assem. Cyl. Head	180cc	64cc	Angle	2.020"	1.600"
FTC102500	Bare Cyl. Head	180cc	64cc	Straight	2.020"	1.600"
FTC102505	Assem. Cyl. Head	180cc	64cc	Straight	2.020"	1.600"

SB Ford Aluminum Cylinder Heads

High-performance aluminum cylinder heads deliver exceptional flow to small block Ford Windsor engines. Bare heads have bronze valve guides and five-angle valve job, while assembled versions add stainless steel swirl-polished valves, high-performance valve springs, hardened locks and retainers, PC valve seals, choice of pedestal mount or 3/8" screw-in rocker studs, and 5/16" guide plates. Choose from 180cc or fully CNC-machined 190cc intake runner heads with 58cc or 60cc combustion chambers. Sold individually as bare or fully assembled.



Part No.	Description	Intake Runner	Comb. Chamber	Int. Valve	Exh. Valve
FTC203500	Bare Cyl. Head	180cc	58cc	1.940"	1.540"
FTC203505	Assem./Pedestal Mt.	180cc	58cc	1.940"	1.540"
FTC2190-HRCNC-505	CNC-Assem./Stud Mt.	190cc	60cc	2.020"	1.600"

SB Ford "Hammer" Aluminum Cylinder Head FTC2205-SR-505

As-cast aluminum head is engineered for performance small block Ford 289-351W applications that operate 7200-7400 RPM. Full, .750" thick decks provide durability for high-compression applications, while raised .750" exhaust ports offer improved coolant flow. Fully assembled head is complete with 2.08" intake and 1.600" exhaust valves, high-performance valve springs, hardened locks and retainers, positive valve seals, and 3/8" screw-in rocker studs. Sold each.



Part No.	Description	Intake Runner	Comb. Chamber	Int. Valve	Exh. Valve
FTC2205-SR-505	Assem./Solid Roller	205cc	60cc	2.080"	1.600"



Legends Car Engine Oil Coolers

Ideal coolers for cars with engine oil circulating to the gear box and clutch pack. Cab-brazed construction in single-pass and double-pass configurations with extended oval tubes and patented lanced offset oil turbulators for maximum cooling efficiency.



Part No.	Description	Fittings	Dimensions	Weight
DUNDB-30317-RTF	Double-Pass, 5-Qt. Capacity	Four 1/2" FNPT	16"L x 10-1/2"H x 1"D	2.5 lb.
DUNDB-30404-LEG	Single-Pass, 3/4-Qt. Capacity, with Vortex Tube	-8AN Inlet/Outlet and -4AN Inlet/Outlet for Vortex Tube	17-1/2"L x 6"H x 1-1/4"D	3.6 lb.
DUNDB-30613	Double-Pass, 2-Qt. Capacity, Enduro Trans/Engine Cooler with 11" Fan and Shroud	Three 1/2" FNPT	15"L x 11-3/4"H x 4-3/4"D	17-1/2 lb.

Late Model/Super Late Model Radiator DUNFRP20-SLM-RO

Lightweight aluminum racing radiator utilizes a double-pass design to provide exceptional cooling to popular late models or super late models. Radiator is 29"L x 18"H, includes a -16AN inlet, 1-3/4" outlet and filler neck.



Super Late Model Dual-Pass Radiator with Oil Cooler and Fan DUNFRP20-SLM-CM

The cooling system of choice for competitive Super Late Models. Lightweight, completely TIG-welded cooling module combines a 29"L x 18"H dual-pass radiator, oil cooler, and high-performance electric fan into a single package that is completely assembled and ready to bolt in. Radiator includes a -16AN inlet and 1-3/4" slip-on outlet, while oil cooler features -12AN fittings.





Dirt Late Model Engine Oil Cooler **NEW!**

DUNDB-30404-DRT

Engineered exclusively to meet the demands of Dirt Late Models, oil cooler is custom fabricated and fully TIG-welded for maximum durability. Unit is 17.5"L x 6"H x 32mm deep with a 3/4-qt. oil capacity, and includes dual mounting flanges, -12AN inlet and outlet ports, and a 1/2" NPT fitting for a pressure or temperature sensor. Weighs just 3.6 lbs.



Therm-HX™ Engine Oil Coolers

Fluidyne Oil-Air engine oil coolers are brazed with the Therm-Hx™ process for excellent oil cooling and durability.



Part No.	Description	A	B	C	Fittings	Weight lbs.
DUN30416	1-Pass	14.75"	6.25"	2.75"	Two -12AN, Two 1/2" NPT	6.5
DUN30417	2-Pass	14.75"	6.25"	2.75"	Two -12AN, One 1/2" NPT	6.5
DUN30616	1-Pass	14.75"	9.25"	3.00"	Two -12AN, Two 1/2" NPT	9.75
DUN30617	1-Pass	14.75"	9.25"	3.00"	Two -12AN, One 1/2" NPT	9.75
DUN30618	1-Pass	21.00"	5.875"	3.00"	Two -12AN, One -6AN, One 3/8" FNPT	12.0

Note: Please see dimension and fitting locations at right for more information.

Oil-Air Transmission and Rear End Coolers

Plate-fin coolers keep gear lubricants cool for faster shifts and greater reliability mile after mile, on the track or off the road.



Dimensions

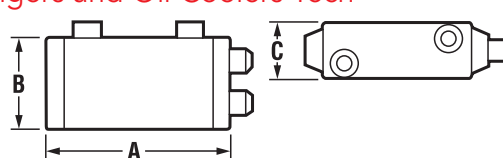
Part No.	A	B	C	Fittings
DUN30110	11.00"	4.00"	2.00"	Two -8AN
DUN30115	11.00"	6.00"	2.00"	Two -8AN
DUN30120	11.00"	8.00"	2.00"	Two -10AN
DUN30216	14.75"	3.00"	3.00"	Two 1/2" FNPT

Note: Please see dimension and fitting locations below for more information.

Dimension and Fitting Location

Heat Exchangers and Oil Coolers Tech

Dimensions listed do not include inlet/outlet fittings. Generally, "A" and "B" are



length and height respectively, while "C" is depth, although heat exchangers may be mounted any way they fit in the vehicle.



FORD PERFORMANCE

347 Cu. In./415 HP Small Block Ford Crate Engine **NEW!** FRDM6007-D347SR7

Sealed for circle track competition where rules allow, small block Ford crate engine offers 415 horsepower @ 6,000 RPM. Heavy-duty, Iron Boss 302 block is fitted with a SCAT forged steel 3.400" stroke crankshaft, SCAT forged steel connecting rods, forged Mahle pistons, hydraulic roller camshaft, and double-roller timing set. Engine is finished off with high flowing, aluminum "Z" cylinder heads with 2.020" intake and 1.600" exhaust valves, Edelbrock Victor Jr. intake manifold, SFI-approved balancer, rear sump circle track oil pan, aluminum valve covers, Edelbrock water pump, and MSD billet racing distributor.

Notes: Carburetor, flywheel/flexplate, starter, and exhaust headers not included. Horsepower/torque numbers were achieved using a 650 CFM 4bbl Holley carburetor and open exhaust headers.

D347SR7 Specifications

Displacement.....	347 Cu. In.	Valve Lift.....	528"
Bore x Stroke.....	4.030" x 3.400"	Camshaft Duration.....	226° @ .050"
Horsepower.....	415 @ 6,000 RPM	Valve Size.....	2.020"/1.600"
Torque, Ft./lbs.	400 @ 4,900 RPM	Compression Ratio.....	10.0:1



347 Cu. In./350 HP Small Block Ford Crate Engine **NEW!** FRDM6007-S347JR2

Sealed for circle track competition where rules allow including the ACT Late Model series, small block Ford crate engine delivers 350 horsepower @ 5,500 RPM. Engine is assembled using a BOSS 302 race block and fitted with a SCAT forged steel 3.400" stroke crankshaft, SCAT forged steel connecting rods, forged Mahle pistons, hydraulic roller camshaft, and double-roller timing set. Engine is topped off with aluminum "X2" cylinder heads with 1.940" intake and 1.540" exhaust valves, Edelbrock Performer RPM Air-Gap intake manifold, SFI-approved balancer, rear sump circle track oil pan, aluminum valve covers, Edelbrock water pump, and MSD billet distributor.

Notes: Carburetor, flywheel/flexplate, starter, and exhaust headers not included. Horsepower/torque numbers were achieved using a 500 CFM 2bbl Holley carburetor and open exhaust headers.

S347JR2 Specifications

Displacement.....	347 Cu. In.	Valve Lift.....	533"
Bore x Stroke.....	4.030" x 3.400"	Camshaft Duration.....	206° @ .050"
Horsepower.....	350 @ 5,500 RPM	Valve Size.....	1.940"/1.540"
Torque, Ft./lbs.	400 @ 4,000 RPM	Compression Ratio.....	10.5:1



FR Boss 302 Block FRDM6010-BOSS302

All-new block can accommodate up to 363 cu. in. Splayed, nodular iron four-bolt main caps on journals 2, 3, and 4, O-ring-sealed screw-in freeze plugs 1/2" head bolts, and a one-piece rear main seal make the block stronger than the original. The deck height is 8.2".





FORD PERFORMANCE

302/351W "Z" Aluminum Cylinder Head

High-performance cylinder head is cast from A356 T6 aluminum and utilizes high-flow ports. Assembled head, engineered for use with hydraulic camshaft applications, is fit with stainless steel 2.02" intake and 1.60" exhaust valves, PAC ovate beehive valve springs, retainers, locks, 7/16" rocker studs, and pushrod guide plates. Sold each as fully assembled castings.



Part No.	Description	Int. Runner	Int. Valve	Exh. Valve
FRDM6049-Z304DA7	Assembled	204cc	2.020"	1.600"

Note: Heads require roller rocker arms with .150" offset intake pushrod cup. Raised exhaust port exit may require custom headers.

302/351W "Z2" Aluminum Cylinder Head FRDM6049-Z2

All new "Z2" cylinder head is designed to be very versatile, yet suits the needs of 500+ horsepower engines. Similar to the original "Z" head, but with the added benefits of innovative "velocity vane" intake ports, stock exhaust ports and bolt location, and the ability to accept straight rocker arms. The fully assembled head is cast from premium A356-T6 aluminum and fitted with stainless steel 2.050" intake and 1.600" exhaust valves, and premium valvetrain components. Sold each.



Performance Crankshaft Damper NEW! FRDM6316-D302

Designed for use with neutral balanced small block Ford 302-351W engines, balancer meets SFI 18.1 specifications. Weighs 10.6 lbs.



Roller Timing Chain Sets

Ford Racing true roller timing chain sets provide maximum performance and longevity. All crank sprockets have nine different index positions for easy camshaft degreasing.



Part No.	Description
FRDM6268-A302	289-351W, Iron Cam Sprocket
FRDM6268-B302	289-351W, Steel Cam Sprocket

Fuel Pump Eccentric FRDM6287-B302

289-351W, 3/8" Bolt.



Cylinder Head Gaskets



Part No.	Description	Bore Dia.	Gasket Dia.	Compressed Thickness	Compressed Volume
FRDM6051-A302*	289-351W	4.000"	4.100"	.042"	9.1cc
FRDM6051-CP331	302-351W	4.000"	4.100"	.040"	8.8cc
FRDM6051-B341*	351	4.125"	4.160"	.040"	9.1cc
FRDM6051-R351	302-351W	4.125"	4.160"	.040"	9.0cc

* Competition gasket.

Plug and Dowel Kits



Part No.	Description
FRDM6026-B302	289-351W, 351C, Threaded Freeze Plug Kit for All Small Block V-8's, Does Not Include Dowels
FRDM6026-S351	Camshaft Plug for Ford Racing 302/351 Blocks

Oil Pump Drive Shafts



Heavy-duty centerless ground chrome moly Ford Racing shafts add a high degree of reliability.

Part No.	Description
FRDM6605-A341*	351W, All 351 SVO
FRDM6605-B302	289-302, All

* Will not fit EEC-IV computer-controlled engines.

Oil Pan Reinforcement Rails **NEW!** FRDM6674-302

Laser-cut steel rails prevent oil pan rail warping and the associated leakage. Fits all 289-302 flat flange oil pans when using one-piece silicone rubber oil pan gasket. Used on all 302, 347, and 363 crate engines. Requires longer oil pan bolts. Sold per pair.



Racing Oil Filter

Synthetic polymer/cellulose filter media with heavy-gauge base and canister for higher burst strength. Up to 50% more filtering capacity than standard filters. Replaces Motorcraft FL1A.

Part No.	Description
FRDCM6731-FL1A	CM6731-FL1A Single Oil Filter
FRDM6731-FL1A	CM6731-FL1A Oil Filter, Case of 12



Oil Filter Adapter FRDM6880-A50

Adapter threads into the engine block and rotates the oil filter toward the front of engine for clearance in engine swaps and chassis modifications. Fits most Ford engines using Motorcraft FL-1A oil filter.

Oil Filter Not Included



9mm Spark Plug Wire Sets

Wire-wound core provides low resistance and minimal spark loss. Silicone insulation and boots protect wire from high temperatures, fuel, oil, and solvents. Choice of blue, red, or black.



Description	Blue Part No.	Red Part No.	Black Part No.
SB Ford 302/351W Engine, 45° Boots	FRDM12259-C301	FRDM12259-R301	FRDM12259-M301
Universal V6/V8, 45° Boots*	FRDM12259-C302	—	FRDM12259-M302

* Universal wire set must be cut to length and ends added.



FORD PERFORMANCE

Flywheel [FRDM6375-B302](#)

Stock replacement flywheel is engineered for 1981-up externally balanced 302 engines and includes a 50-oz. balance weight.



Camshaft Thrust Plates

Heavy-duty steel replacement thrust plate fits all 302 Ford Racing and 351W engines. For use with steel cam sprocket.



Part No.	Description
FRDM6269-A302	OE Replacement, 302-351W, Flat Tappet and Hydraulic Roller, Not for Use with Steel Cam Gears
FRDM6269-A351	Heavy-Duty Steel Replacement, All 302 and 351W Ford Racing, Not for Use with Steel Cam Sprocket

SB Ford Mini Starter [FRDM11000-B51](#)

Lighter and more compact for added header clearance, starter weighs 5 lbs. less than pre-1989 production units and fits all 289, 302, 351W, and 351C, except those with 164-tooth flywheel and manual transmission. Battery cables and instructions included. Must use diode-protected fenderwell solenoid.



Roller Pilot Bearing [FRDM7600-A](#)

Bearing is pre-greased and ready to install in any Ford 289-351W engine.



Ford 9" "Daytona" Pinion Bearing Retainer [FRDM4614-B](#)

Heavy-duty nodular iron retainer is designed for Ford 9" rears and uses large rear and small front pinion bearings.



Ford 9" "Benda" Pinion Seal [FRDM4676-A111](#)

Viton pinion seal offers exceptional durability.



2.0 Track Steel Shock Absorbers with Seal Screw



2.0 Track steel shock absorbers incorporate a proven, winning design and racer-friendly, at-the-track tuning ability. Shocks are constructed using a honed, seamless zinc-plated alloy steel body that is fitted with a 1/2" hard chrome-plated, heat-treated alloy steel shaft, internal floating mono-tube design piston, zinc-plated alloy steel body cap, and precision-machined components. Shocks listed include a seal screw, required by many sanctioning bodies. Choose from shocks with high-flow linear or digressive pistons.

Part No.	Description	Stroke	Ext. Length	Comp. Length	Comp. Valving	Reb. Valving
FOX983-95-537-25	Linear LF Shock	7.2"	20.4"	13.2"	2.5	7
FOX983-95-537-29	Linear LF Shock	7.2"	20.4"	13.2"	3	5
FOX983-95-537-65	Digressive RF Shock	7.2"	20.4"	13.2"	3	11
FOX983-95-537-66	Digressive RF Shock	7.2"	20.4"	13.2"	3	12
FOX983-95-539-16	Linear RR Shock	8.9"	23.7"	14.8"	2.75	5
FOX983-95-539-39*	Linear LR Shock	8.9"	23.7"	14.8"	9	3

* Medium bleed

Note: Required by some sanctioning bodies, shocks are equipped with a seal screw in place of the standard FAV (Fox Air Valve).

Use [FOX803-00-894](#) Seal Screw Filler Tool.

2.0 Factory Race Series Air Shocks for Modifieds and Dirt Late Models



Popularly used on the left rear of Modifieds and Dirt Late Models, steel-bodied Factory Race Series air shocks provide virtually unlimited spring rate adjustment by varying nitrogen pressure. Shocks feature hollow 1.25" dia. shafts to reduce weight. Servicing and valving adjustments are identical to other Fox racer-series shocks absorbers. Fully racer rebuildable.

Part No.	Description	Stroke	Ext. Length	Comp. Length	Valving
FOX980-02-015	Air Shock	5.5"	18.53"	13.03"	40/90

2.0 Track Steel Shock Absorbers with Schrader Valve



Shocks combine the benefits of a proven, winning design with racer-friendly, at-the-track tuning ability. Racer-rebuildable shocks are constructed using a honed, seamless zinc-plated alloy steel body that is fitted with a 1/2" hard chrome-plated heat-treated alloy steel shaft, internal floating mono-tube design piston, zinc-plated alloy steel body cap, and precision-machined components. Shocks are offered with high-flow linear or digressive pistons.

Part No.	Description	Stroke	Ext. Length	Comp. Length	Comp. Valving	Reb. Valving
FOX983-95-507-28	Linear LF Shock	7.2"	20.4"	13.2"	3	4
FOX983-95-507-29	Linear LF Shock	7.2"	20.4"	13.2"	3	5
FOX983-95-507-60	Digressive RF Shock	7.2"	20.4"	13.2"	2.5	11
FOX983-95-507-61	Digressive RF Shock	7.2"	20.4"	13.2"	2.5	12
FOX983-95-507-63	Digressive RF Shock	7.2"	20.4"	13.2"	3	9
FOX983-95-507-64	Digressive RF Shock	7.2"	20.4"	13.2"	3	10
FOX983-95-507-65	Digressive RF Shock	7.2"	20.4"	13.2"	3	11
FOX983-95-509-16	Linear RR Shock	8.9"	23.7"	14.8"	2.75	5
FOX983-95-509-38*	Linear LR Shock	8.9"	23.7"	14.8"	8	3

* Medium bleed



2.0 Track Steel Bulb Base Valve Shock Absorbers with Schrader Valve



Shock absorbers utilize a large-volume bulb to reduce rod pressure gain throughout travel, improving both traction and consistency. Racer-tunable base valve offers low nitrogen pressure without cavitation, improving driver feel and traction. Steel-bodied shocks are fitted with 1/2" diameter hard chrome-plated shafts and offered with high-flow linear or digressive pistons.

Part No.	Description	Stroke	Ext. Length	Comp. Length	Comp. Valv.	Reb. Valv.
FOX983-93-007-61	Digressive RF Shock	6.5"	20.3"	13.8"	2.5	12
FOX983-93-007-64	Digressive RF Shock	6.5"	20.3"	13.8"	3	10
FOX983-93-009-13	Linear RR Shock	8.4"	24.0"	15.6"	1.5	5
FOX983-93-009-31*	Linear RR Shock	8.4"	24.0"	15.6"	2.5	5

* Medium bleed

2.0 Track Steel Bulb Non-Base Valve Shock Absorbers with Schrader Valve



2.0 Track Steel Bulb shocks feature a large-volume bulb that reduces rod pressure gain throughout travel, improving both traction and consistency. Fully racer rebuildable.

Part No.	Description	Stroke	Ext. Length	Comp. Length	Comp. Valv.	Reb. Valv.
FOX983-93-509-38*	Linear LR Shock	9.1"	24.7"	15.6"	8	3
FOX983-93-509-39*	Linear LR Shock	9.1"	24.7"	15.6"	9	3

* Medium bleed

Note: Required by some sanctioning bodies, shocks are equipped with a seal screw in place of the standard FAV (Fox Air Valve). Use [FOX803-00-894 Seal Screw Filler Tool](#).

Coil-Over Kits

Engineered for use with 2-1/2" I.D. springs, kits are available for aluminum or steel-bodied shock absorbers.



Part No.	Description
FOX803-02-075	Kit for Threaded Aluminum Shocks, for 2.5" Springs NEW!

Shock Fill Tool FOX803-00-894

Required to properly fill Fox seal screw-type shock absorbers.



Shock Absorber Accessories



FOX210-02-021



FOX204-18-080

Part No.	Description
FOX002-00-000-A	Shock Piston Wear Band, for 2.0" Fox Shocks
FOX010-01-000-A	Jet Check Ball
FOX036-02-012-A	Wiper Seal Bump Cap, Urethane, .500" Dia.
FOX204-18-080	Body Tube, Track Steel Shocks, 5.1"
FOX204-18-081	Body Tube, Track Steel Shocks, 7.1"
FOX204-18-082	Body Tube, Track Steel Shocks, 8.8"
FOX210-02-020	Digressive Bleed Jet, .000" Bleed
FOX210-02-021	Digressive Bleed Jet, .037" Bleed
FOX210-02-022	Digressive Bleed Jet, .052" Bleed
FOX210-02-024	Digressive Bleed Jet, .098" Bleed
FOX210-92-087	Metering Rod, 7.100" Travel Adj. Shock
FOX210-92-106	Metering Rod, 9.000" Travel Adj. Shock
FOX229-99-100	Shaft, Chrome Steel, .500" Dia., 10.000" Long
FOX230-10-108	Shaft, 7.100" Travel Adj. Shock
FOX230-10-127	Shaft, 9.000" Travel Adj. Shock
FOX230-11-098	Shaft, Chrome Steel, 9.400" Long x 1/2" Dia. NEW!
FOX230-11-101	Shaft, Chrome Steel, 7" Stroke Evolution Shock
FOX230-11-116	Shaft, Chrome Steel, 11.300" Long x 1/2" Dia. NEW!
FOX230-11-118	Shaft, Chrome Steel, 9" Stroke Evolution Shock
FOX230-11-121	Shaft, Chrome Steel, 11.700" Long x 1/2" Dia. NEW!
FOX234-00-010-B	Long Spring Divider, Nylon, 2.5" Dia. Spring, Black
FOX234-00-356-2	2.0" Aluminum Threaded Body Cross-Over Ring, Black
FOX234-00-386	Short Spring Divider, Nylon, 2.5" Dia. Spring, Black
FOX398-00-026-B	Seal Saver Tool for .500" Shaft
FOX802-00-029-KIT	Replacement Seal Screw and Plug
FOX802-02-002-A	Nitrogen Fill Tool with Gauge, 0-600 PSI
FOX803-00-668	Bearing Cap Removal Tool, Black
FOX803-00-766	2.25" Base Valve Spanner Wrench, Black
FOX803-00-911	Schrader Valve, 4-Pack
FOX803-00-934	Seal Screw, Aluminum, 10-Pack
FOX803-01-024	2.0" Valve Shim Re-Valve Kit
FOX805-04-005-KIT	Digressive Piston with O-Ring
FOX808-21-010-KIT	Spherical Shock Eye Assembly for .625" Shaft, Black Anodized Aluminum NEW!
FOX808-21-020-KIT	Std. Length Adjustable Eyelet for .500" Shaft
FOX808-21-021-KIT	1" Extended Adjustable Eyelet for .500" Shaft
FOX808-21-040-KIT	Std. Length Adjustable Eyelet for .625" Shaft
FOX808-21-050-KIT	.500" Steel Rod End, Complete
FOX812-07-067-KIT	Bearing Housing, Complete, .500" Shaft

JM92 Advanced Suspension Fluid

Specially-formulated shock absorber fluid is engineered to provide consistent and predictable performance over a temperature range of -70°F and 400°F. Proprietary fluid is sold in quarts or gallons.

Part No.	Description
FOX025-03-011	JM92 Suspension Fluid, 1 Quart
FOX025-03-012	JM92 Suspension Fluid, 1 Gallon





Race-Rite Reusable P.T.F.E. Hose Ends **NEW!**

Race-Rite hose ends feature an enlarged I.D. for improved flow, while the double-swivel design allows for clocking during installation. For use with Race-Rite or Race-Rite Pro hose. Black, hard coat anodized finish.

Hose Size	Part No.	Hose Size	Part No.
Straight		90°	
-6	FRG2500106	-6	FRG2509006
-8	FRG2500108	-8	FRG2509008
-10	FRG2500110	-10	FRG2509010
-12	FRG2500112	-12	FRG2509012
30°		120°	
-6	FRG2503006	-6	FRG2512006
-8	FRG2503008	-8	FRG2512008
-10	FRG2503010	-10	FRG2512010
-12	FRG2503012	-12	FRG2512012
45°		150°	
-6	FRG2504506	-6	FRG2515006
-8	FRG2504508	-8	FRG2515008
-10	FRG2504510	-10	FRG2515010
-12	FRG2504512	-12	FRG2515012
60°		180°	
-6	FRG2506006	-6	FRG2518006
-8	FRG2506008	-8	FRG2518008
-10	FRG2506010	-10	FRG2518010
-12	FRG2506012	-12	FRG2518012

Replacement Olives

Designed for use exclusively with Race-Rite P.T.F.E. hose ends. Sold each.

Part No.	Description
FRG2500006	-6AN
FRG2500008	-8AN
FRG2500010	-10AN
FRG2500012	-12AN



Race-Rite Direct-Fit Crimp-On Hose End **NEW!**

Low-profile Race-Rite Direct-Fit hose ends help shave valuable inches in tight applications. Hose ends utilize a crimp collar that threads onto the body, helping to ensure a perfect, concentric crimp. Double-swivel design eases installation and desired routing. Hard coat, black anodized finish.

Hose Size	Thread	Part No.
30°		
-10	7/8"-14 (-10)	FRG2603010-RAD
-12	1-1/16"-12 (-12)	FRG2603012-RAD
45°		
-10	7/8"-14 (-10)	FRG2604510-RAD
-12	1-1/16"-12 (-12)	FRG2604512-RAD
60°		
-10	7/8"-14 (-10)	FRG2606010-RAD
-12	1-1/16"-12 (-12)	FRG2606012-RAD
90°		
-10	7/8"-14 (-10)	FRG2609010-RAD
-12	1-1/16"-12 (-12)	FRG2609012-RAD
120°		
-10	7/8"-14 (-10)	FRG2612010-RAD
-12	1-1/16"-12 (-12)	FRG2612012-RAD
150°		
-10	7/8"-14 (-10)	FRG2615010-RAD
-12	1-1/16"-12 (-12)	FRG2615012-RAD
180°		
-10	7/8"-14 (-10)	FRG2618010-RAD
-12	1-1/16"-12 (-12)	FRG2618012-RAD



Race-Rite Crimp-On Hose Ends **NEW!**

Fittings combine the benefits of a larger I.D. for maximum fluid flow with a double-swivel design that eases hose routing and installation. Included collar threads onto the hose end, delivering a secure crimp. For use with Race-Rite or Race-Rite Pro hose. Fittings are black, hard coat anodized.

Hose Size	Part No.	Hose Size	Part No.
Straight		90°	
-4	FRG2600104	-4	FRG2609004
-6	FRG2600106	-6	FRG2609006
-8	FRG2600108	-8	FRG2609008
-10	FRG2600110	-10	FRG2609010
-12	FRG2600112	-12	FRG2609012
-16	FRG2600116	-16	FRG2609016
30°		120°	
-6	FRG2603006	-6	FRG2612006
-8	FRG2603008	-8	FRG2612008
-10	FRG2603010	-10	FRG2612010
-12	FRG2603012	-12	FRG2612012
-16	FRG2603016	-16	FRG2612016
45°		150°	
-4	FRG2604504	-6	FRG2615006
-6	FRG2604506	-8	FRG2615008
-8	FRG2604508	-10	FRG2615010
-10	FRG2604510	-12	FRG2615012
-12	FRG2604512	-16	FRG2615016
-16	FRG2604516	180°	
60°		-6	FRG2618006
-6	FRG2606006	-8	FRG2618008
-8	FRG2606008	-10	FRG2618010
-10	FRG2606010	-12	FRG2618012
-12	FRG2606012	-16	FRG2618016
-16	FRG2606016		

Race-Rite Hose **NEW!**

Top-of-the-line Race-Rite hose uses an enlarged inner diameter and conductive smooth-bore P.T.F.E. core for maximum fluid flow. A convoluted exterior and black Aramid braided cover provide superior durability. Compatible with all fluids. Hose has an operating range of -65° to 500°F.



Hose Size	Hose I.D.	Hose O.D.	3' Part No.	6' Part No.	10' Part No.	15' Part No.	20' Part No.
-4	1/4"	.360"	FRG2700304	FRG2700604	FRG2701004	FRG2701504	FRG2702004
-6	3/8"	.520"	FRG2700306	FRG2700606	FRG2701006	FRG2701506	FRG2702006
-8	1/2"	.655"	FRG2700308	FRG2700608	FRG2701008	FRG2701508	FRG2702008
-10	5/8"	.820"	FRG2700310	FRG2700610	FRG2701010	FRG2701510	FRG2702010
-12	3/4"	.950"	FRG2700312	FRG2700612	FRG2701012	FRG2701512	FRG2702012
-16	1"	1.250"	FRG2700316	FRG2700616	FRG2701016	FRG2701516	FRG2702016

Race-Rite Pro Hose **NEW!**

Similar to standard Race-Rite hose but with the addition of an externally wound spiral wire that increases flexibility, ideal in dry sump or high-vacuum applications. Large bore, P.T.F.E. core delivers exceptional flow, while remaining compatible with all fluids, including ethanol-type fuels. Operating range is -65° to 500°F.



Hose Size	Hose I.D.	Hose O.D.	3' Part No.	6' Part No.	10' Part No.	15' Part No.	20' Part No.
-6	3/8"	.520"	FRG2710306	FRG2710606	FRG2711006	FRG2711506	FRG2712006
-8	1/2"	.655"	FRG2710308	FRG2710608	FRG2711008	FRG2711508	FRG2712008
-10	5/8"	.820"	FRG2710310	FRG2710610	FRG2711010	FRG2711510	FRG2712010
-12	3/4"	.950"	FRG2710312	FRG2710612	FRG2711012	FRG2711512	FRG2712012
-16	1"	1.250"	FRG2710316	FRG2710616	FRG2711016	FRG2711516	FRG2712016

EZ Street Hose **NEW!**

Manufactured to SAE30R9 specifications, hose is compatible with all of today's available pump fuels including ethanol, diesel, and methanol fuels. The nitrile-based tube prevents 99% of hydrocarbon vapors from escaping, while the Aramid reinforcing braid keeps the hose from collapsing. Suitable for applications up to 175 PSI with a temperature range of -29° to 275F.



Hose Size	10' Length	15' Length	20' Length
-6	FRG731006	FRG731506	FRG732006

EZ Street Hose Ends **NEW!**

Compatible with a wide range of fuels including pump gas, E85, E98, diesel, and methanol, hose ends utilize a single hose retention barb made to SAE specifications, which allows compatibility with virtually any SAE 30R9 or 30R10 low-permeation fuel hose. Popularly used with EZ Street 30R9 hose. Double-swivel design allows clocking as desired. Offered in black only.



Dash Size	Straight	45° Tube	90° Tube
-6	FRG750106-BL	FRG754506-BL	FRG759006-BL
-8	FRG750108-BL	—	FRG759008-BL

Series 2000 Pro-Flow Hose Ends

Pro-Flow hose ends utilize a "single nipple", which allows the socket to draw the hose over a long, tapered single nipple, effectively sealing the hose between the inside of the socket and the outside of the nipple. Hose ends are easily re-used because there is no sliver of cut hose to remove before installing the fitting on a new length of hose. Fittings are available in black or blue/red anodized finishes.

Hose Size	Black Part No.	Blue/Red Part No.
Straight		
-4	FRG220104-BL	FRG220104
-6	FRG220106-BL	FRG220106
-8	FRG220108-BL	FRG220108
-10	FRG220110-BL	FRG220110
-12	FRG220112-BL	FRG220112
-16	FRG220116-BL	FRG220116
30°		
-4	FRG223004-BL	—
-6	FRG223006-BL	FRG223006
-8	FRG223008-BL	FRG223008
-10	FRG223010-BL	—
-12	FRG223012-BL	FRG223012
-16	FRG223016-BL	—
45°		
-4	FRG224504-BL	FRG224504
-6	FRG224506-BL	FRG224506
-8	FRG224508-BL	FRG224508
-10	FRG224510-BL	FRG224510
-12	FRG224512-BL	FRG224512
-16	FRG224516-BL	FRG224516



Hose Size	Black Part No.	Blue/Red Part No.
60°		
-4	FRG226004-BL	—
-6	FRG226006-BL	FRG226006
-8	FRG226008-BL	FRG226008
-10	FRG226010-BL	FRG226010
-12	FRG226012-BL	FRG226012
-16	FRG226016-BL	—
90°		
-4	FRG229004-BL	FRG229004
-6	FRG229006-BL	FRG229006
-8	FRG229008-BL	FRG229008
-10	FRG229010-BL*	FRG229010
-12	FRG229012-BL	FRG229012
-16	FRG229016-BL	FRG229016
120°		
-4	FRG231204-BL	FRG231204
-6	FRG231206-BL	FRG231206
-8	FRG231208-BL	FRG231208
-10	FRG231210-BL	FRG231210
-12	FRG231212-BL	FRG231212
-16	FRG231216-BL	—



Hose Size	Black Part No.	Blue/Red Part No.
150°		
-4	FRG231504-BL	—
-6	FRG231506-BL	FRG231506
-8	FRG231508-BL	—
-10	FRG231510-BL	FRG231510
-12	FRG231512-BL	FRG231512
-16	FRG231516-BL	—
180°		
-4	FRG231804-BL	FRG231804
-6	FRG231806-BL	FRG231806
-8	FRG231808-BL	FRG231808
-10	FRG231810-BL	FRG231810
-12	FRG231812-BL	FRG231812
-16	FRG231816-BL	—



* Also available with attached radiused fitting; simply add "RAD" to part no.

Premium Black Nylon Race Hose

Designed for use with FPS Series 2000 hose ends and FPS sport-crimp hose ends, black nylon race hose incorporates a synthetic rubber core that has an operating range of -40°F to 300°F and up to 500 PSI of working pressure, allowing for use with most oils, coolants, and fuels. Lightweight and durable, braided nylon hose is reinforced with a single braid of bright corrosion-resistant 302 stainless steel wire braid for added strength.

Note: Hose is not intended for use with 3000 Series hose ends.

AN Size	Hose I.D.	Working Pressure	Vacuum Rating	Min. Bend Radius	3' Length	6' Length	10' Length	15' Length	20' Length
-4	7/32"	500	28 in. hg.	2.0"	FRG840304	FRG840604	FRG841004	FRG841504	FRG842004
-6	11/32"	500	28 in. hg.	2.5"	FRG840306	FRG840606	FRG841006	FRG841506	FRG842006
-8	7/16"	500	28 in. hg.	3.5"	FRG840308	FRG840608	FRG841008	FRG841508	FRG842008
-10	9/16"	500	28 in. hg.	4.0"	FRG840310	FRG840610	FRG841010	FRG841510	FRG842010
-12	11/16"	350	28 in. hg.	4.5"	FRG840312	FRG840612	FRG841012	FRG841512	FRG842012
-16	7/8"	350	28 in. hg.	5.0"	FRG840316	FRG840616	FRG841016	FRG841516	FRG842016





Series 2000

Expander and Reducer Hose Ends

Expander and reducer hose ends simplify complex plumbing tasks. Offered in red/blue or black.

AN Size	Hose Size	Red/Blue Part No.	Black Part No.
Straight Expander			
-6	-8	FRG220105	—
-10	-12	FRG220111	—
Straight Reducer			
-8	-6	FRG220107	—
-10	-8	FRG220109	—
45° Reducer			
-10	-8	FRG224509	—
60° Expander			
-12	-16	—	FRG226013-BL
60° Reducer			
-8	-6	—	FRG226007-BL
-10	-8	—	FRG226009-BL
-16	-12	—	FRG226015-BL
90° Expander			
-6	-8	FRG229005	—
-10	-12	FRG229011	—
-12	-16	FRG229013	—
90° Reducer			
-8	-6	FRG229007	—
-10	-8	FRG229009	—
120° Expander			
-6	-8	FRG231205	FRG231205-BL
-12	-16	FRG231213	FRG231213-BL
120° Reducer			
-8	-6	—	FRG231207-BL
150° Expander			
-12	-16	FRG231513	—
150° Reducer			
-8	-6	—	FRG231507-BL
-10	-8	FRG231509	FRG231509-BL
-16	-12	—	FRG231515-BL
180° Expander			
-10	-12	—	FRG231811-BL
180° Reducer			
-8	-6	—	FRG231807-BL

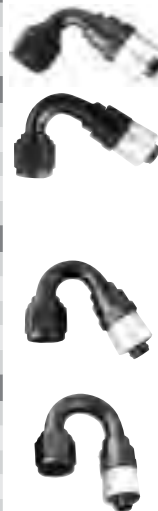


Sport-Crimp Hose Ends

Similar in design to the Series 3000, the Sport-Crimp hose ends use a crimp collar that threads directly into the hose-end body, ensuring a secure crimp connection. Fittings may be used with 8400 Series premium black nylon race hose or 3000 Series stainless race hose.

AN Size	Part No.	AN Size	Part No.
Straight		90°	
-4	FRG3100104	-4	FRG3109004*
-6	FRG3100106	-6	FRG3109006
-8	FRG3100108	-12	FRG3109012
-12	FRG3100112	120°	
30°		-6	FRG3112006
-6	FRG3103006	-8	FRG3112008
-8	FRG3103008	-10	FRG3112010
-10	FRG3103010	-12	FRG3112012
-12	FRG3103012	-16	FRG3112016
-16	FRG3103016	150°	
45°		-6	FRG3115006
-4	FRG3104504*	-8	FRG3115008
-6	FRG3104506	-10	FRG3115010
-16	FRG3104516	-12	FRG3115012
60°		-16	FRG3115016
-6	FRG3106006	180°	
-8	FRG3106008	-6	FRG3118006
-10	FRG3106010	-8	FRG3118008
-12	FRG3106012	-10	FRG3118010
-16	FRG3106016	-12	FRG3118012
		-16	FRG3118016

*-4 fittings are non-swivel.



Sport-Crimp Replacement Crimp Collars

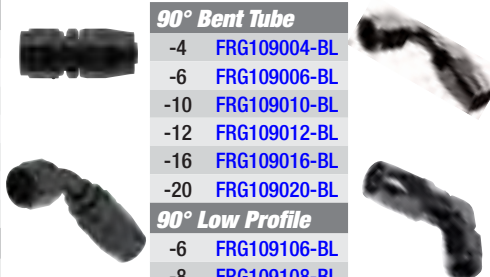
AN Size	Part No.
-4	FRG3100004S
-6	FRG3100006S
-8	FRG3100008S
-10	FRG3100010S
-12	FRG3100012S
-16	FRG3100016S



Series 3000 Hose Ends

The Series 3000 hose ends use a "cutter" method of hose attachment as the socket draws the hose over the nipple and into the cutter. The seal is formed by the cutter embedding itself into the end of the hose. Designed exclusively for use with Series 3000 hose. Offered with black finish only.

Hose Size	Black Part No.	Hose Size	Black Part No.
Straight		90° Bent Tube	
-4	FRG100104-BL	-4	FRG109004-BL
-6	FRG100106-BL	-6	FRG109006-BL
-8	FRG100108-BL	-10	FRG109010-BL
-10	FRG100110-BL	-12	FRG109012-BL
-12	FRG100112-BL	-16	FRG109016-BL
-16	FRG100116-BL	-20	FRG109020-BL
-20	FRG100120-BL	90° Low Profile	
45° Bent Tube		-6	FRG109106-BL
-10	FRG104510-BL	-8	FRG109108-BL
		-10	FRG109110-BL
		-12	FRG109112-BL



Series 3000 Direct-Fit Hose Ends

Series 3000 direct-fit hose ends use the "cutter" method of hose attachment, shaving valuable inches in tight applications. Designed exclusively for use with Series 3000 hose. Offered with black finish only.

Part No.	Description
FRG190106-BL	Straight Fitting, -6AN Hose End to 1/4" MPT
FRG190166-BL	Straight Fitting, -6AN Hose End to 3/8" MPT NEW!
FRG194510-BL	45° Fitting, -10AN Hose End to 1/2" MPT



Series 3000 Stainless Race Hose

Engineered exclusively for use with Series 3000 hose ends, aerospace-quality hose is compatible with all hydrocarbon and alcohol-based fuels, along with synthetic and petroleum-based lubricants. Hose features an operating range of -40°F to 300°F, and combines a CPFE inner liner with two layers of woven stainless steel.



Hose Size	Hose I.D.	Working Pressure	Vacuum Rating	3' Length Part No.	6' Length Part No.	10' Length Part No.	20' Length Part No.
-4	7/32"	1500	27 in Hg	—	FRG706004	—	—
-6	11/32"	1500	27 in Hg	FRG703006	FRG706006	FRG710006	FRG720006
-8	7/16"	1250	27 in Hg	FRG703008	—	FRG710008	FRG720008
-10	9/16"	1250	27 in Hg	FRG703010	—	FRG710010	—
-12	11/16"	1000	27 in Hg	FRG703012	FRG706012	—	—

Series 8000 Push-Lite Race Hose Ends

Made from lightweight aluminum with an attractive black or blue anodized finish, Push-Lite race hose ends have a barbed end for ease of assembly and a leakproof seal.

Hose Size	Black Part No.	Blue Part No.
Straight		
-4	FRG200104-BL	FRG200104
-6	FRG200106-BL	FRG200106
-8	FRG200108-BL	—
-10	FRG200110-BL	FRG200110
-12	FRG200112-BL	FRG200112
-16	FRG200116-BL	FRG200116
-20	FRG200120-BL	—
30°		
-6	FRG203006-BL	FRG203006
-8	FRG203008-BL	FRG203008
-10	FRG203010-BL	FRG203010
-12	FRG203012-BL	FRG203012
-16	FRG203016-BL	—
45°		
-4	FRG204504-BL	FRG204504
-6	FRG204506-BL	FRG204506
-8	FRG204508-BL	FRG204508
-10	FRG204510-BL	FRG204510
-12	FRG204512-BL	FRG204512
-16	FRG204516-BL	FRG204516
60°		
-6	FRG206006-BL	—
-8	FRG206008-BL	FRG206008
-10	FRG206010-BL	FRG206010
-12	FRG206012-BL	FRG206012
-16	FRG206016-BL	—



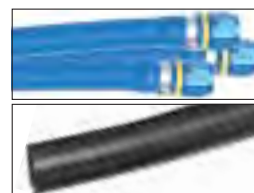
Hose Size	Black Part No.	Blue Part No.
90°		
-4	FRG209004-BL	FRG209004
-6	FRG209006-BL	FRG209006
-8	FRG209008-BL	FRG209008
-10	FRG209010-BL	FRG209010
-12	FRG209012-BL	—
-16	FRG209016-BL	FRG209016
-20	FRG209020-BL	—
120°		
-6	FRG212006-BL	FRG212006
-8	FRG212008-BL	FRG212008
-10	FRG212010-BL	FRG212010
-12	FRG212012-BL	FRG212012
-16	FRG212016-BL	FRG212016
150°		
-6	FRG215006-BL	FRG215006
-8	FRG215008-BL	FRG215008
-10	FRG215010-BL	FRG215010
-12	FRG215012-BL	—
-16	FRG215016-BL	FRG215016
180°		
-6	FRG218006-BL	FRG218006
-8	FRG218008-BL	FRG218008
-10	FRG218010-BL	FRG218010
-12	FRG218012-BL	FRG218012
-16	FRG218016-BL	—



8600-8700 Series Parker Push-Lok General Purpose Hose

Designed for use with 8000 Series Push Lite race hose ends, Parker Push-Lok hose is popularly used as fuel line. Hose is made with a synthetic rubber tube covered with a single layer of textile braid and a synthetic rubber outer layer, has a temperature range of -40 to 212°F and 250 PSI maximum pressure rating. Offered in blue or black.

AN Size	Hose I.D.	Max. Burst Pressure	Vacuum Rating	Black 3' Length	Black 6' Length	Blue 10' Length	Black 10' Length	Blue 20' Length	Black 20' Length
-4	1/4"	250	28 in. hg.	—	—	FRG861004	FRG871004	FRG862004	FRG872004
-6	3/8"	250	28 in. hg.	FRG873006	FRG876006	FRG861006	FRG871006	FRG862006	FRG872006
-8	1/2"	250	28 in. hg.	—	—	FRG861008	FRG871008	FRG862008	FRG872008
-10	5/8"	250	15 in. hg.	—	—	FRG861010	FRG871010	FRG862010	FRG872010
-12	3/4"	250	15 in. hg.	—	—	FRG861012	FRG871012	FRG862012	FRG872012
-16	1"	175	15 in. hg.	—	—	—	FRG871016	—	—
-20	1-1/4"	150	10 in. hg.	—	—	—	FRG871020	—	—



Push-Lok Clamps and Pliers

Lightweight stainless steel band clamps are ideal for push-on hose applications that are subject to elevated temperatures and pressures. Sold per pair. Special pliers may be utilized for installation or removal of band clamps.

Part No.	Description
FRG999150	Clamp Pliers
FRG999156	-6AN Clamps
FRG999158	-8AN Clamps
FRG999160	-10AN Clamps
FRG999162	-12AN Clamps NEW!



Series 8000 Push-Lite MPT X Straight FRG200123

Special fitting accepts -6AN Push-Lite hose to allow a direct fit to a fuel pressure regulator, fuel pump, etc. that includes a 3/8" NPT port.



Real-Street Hose Ends

Fully reusable hose ends are engineered for use with PTFE hose, and eliminate permeation issues common to aftermarket racing hose. Hose ends include a "double-swivel" design and are finished in a bright dip, black anodized finish.

Part No.	Hose Size
Straight	
FRG680104-BL	-4
FRG680106-BL	-6
FRG680108-BL	-8
FRG680110-BL	-10
FRG680112-BL	-12
30°	
FRG683006-BL	-6
FRG683008-BL	-8
FRG683010-BL	-10
45°	
FRG684506-BL	-6
FRG684508-BL	-8
FRG684510-BL	-10
FRG684512-BL	-12
60°	
FRG686006-BL	-6
FRG686008-BL	-8
FRG686010-BL	-10
FRG686012-BL	-12



Part No.	Hose Size
90°	
FRG689006-BL	-6
FRG689008-BL	-8
FRG689010-BL	-10
FRG689012-BL	-12
120°	
FRG681206-BL	-6
FRG681208-BL	-8
FRG681210-BL	-10
FRG681212-BL	-12
150°	
FRG681506-BL	-6
FRG681508-BL	-8
FRG681510-BL	-10
FRG681512-BL	-12
180°	
FRG681806-BL	-6
FRG681808-BL	-8
FRG681810-BL	-10
FRG681812-BL	-12



6000 Series PTFE Hose

Durable PTFE hose has the ability to endure high temperatures and pressures, while cycling over and over without failure. Hose is well suited for use with engine, transmission, brake, or power steering lubricants, and is fully compatible with nitrous oxide. Offered with or without black outer covering.

AN Size	Hose I.D.	Cover	3' Length	6' Length	10' Length	15' Length	20' Length
-6	5/16"	None	FRG603006	FRG606006	FRG601006	FRG601506	FRG602006
-6	5/16"	Black	FRG603026	FRG606026	FRG601026	FRG601526	FRG602026
-8	13/32"	None	FRG603008	FRG606008	FRG601008	FRG601508	FRG602008
-8	13/32"	Black	FRG603028	FRG606028	FRG601028	FRG601528	FRG602028
-10	1/2"	None	FRG603010	FRG606010	FRG601010	FRG601510	FRG602010



Direct-Fit Real Street Hose Ends

Similar to standard direct-fit hose ends, but in a low-profile design that shaves precious inches in tight applications.

Black Part No.	Hose Size	Dash Size
Straight Banjo		
FRG680010-BL	-10	-10 (7/8"-14)
90°		
FRG689706-BL	-6	-6 (9/16"-18)
FRG689768-BL	-6	-8 (3/4"-16)
FRG689707-BL	-8	-6 (9/16"-18)
FRG689708-BL	-8	-8 (3/4"-16)
FRG689781-BL	-8	-10 (7/8"-14)
FRG689709-BL	-10	-8 (3/4"-16)
FRG689711-BL	-10	-12 (1-1/16"-12)



Series 8000 Push-Lok General Purpose Hose

Manufactured to the same standards as 3000 stainless race hose, Series 8000 hose is often preferred if weight or cost is a concern. Hose offers a 250-PSI maximum working pressure and temperature range of up to 300°F. Sold in 20' rolls.



Part No.	AN Size	Nominal I.D.
FRG820010	-10	5/8"
FRG820012	-12	3/4"

Direct-Fit Real Street NPT Hose Ends

Manufactured from lightweight, black anodized aluminum, hose ends reduce weight and save precious space by utilizing a direct fit design.

Black Part No.	Hose Size	NPT Size
FRG689906-BL	-6	1/4"
FRG689968-BL	-6	1/2"
FRG689908-BL	-8	3/8"
FRG689911-BL	-10	3/8"



Hose Barb to AN Adapters

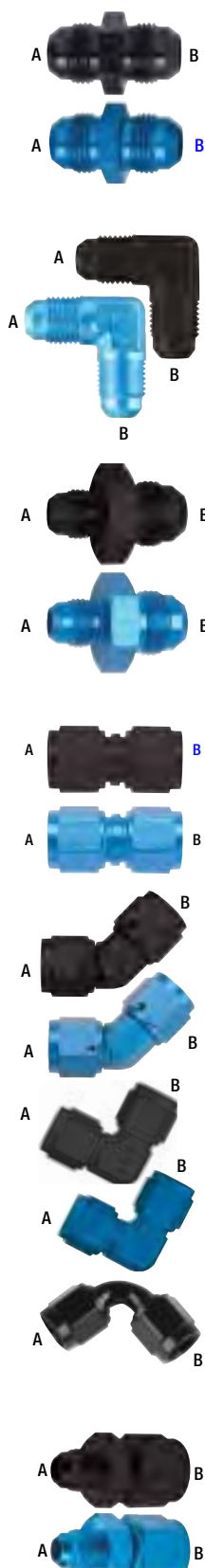
Black Part No.	Blue Part No.	"A" Hose Size	"B" AN Size
—	FRG484104	1/4"	-4
—	FRG484106	3/8"	-6
FRG484205-BL	—	5/16"	-6
—	FRG484108	1/2"	-8
FRG484110-BL	—	5/8"	-10
FRG484112-BL	—	3/4"	-12



AN Flare Adapters

Black Part No.	Blue Part No.	"A" Dash Size	"B" Dash Size
Aluminum Union			
—	FRG581503*	-3	-3
FRG481503-BL	FRG481503	-3	-3
FRG481504-BL	FRG481504	-4	-4
FRG481506-BL	FRG481506	-6	-6
FRG481508-BL	FRG481508	-8	-8
FRG481510-BL	FRG481510	-10	-10
FRG481512-BL	FRG481512	-12	-12
FRG481516-BL	FRG481516	-16	-16
Aluminum 90° Union			
FRG482103-BL	FRG482103	-3	-3
FRG482104-BL	—	-4	-4
FRG482106-BL	FRG482106	-6	-6
FRG482108-BL	FRG482108	-8	-8
FRG482110-BL	FRG482110	-10	-10
FRG482112-BL	—	-12	-12
—	FRG482116	-16	-16
Aluminum Male Reducer			
FRG491902-BL	FRG491902	-3	-4
FRG491906-BL	FRG491906	-4	-6
FRG491912-BL	FRG491912	-6	-8
FRG491913-BL	—	-4	-10
FRG491914-BL	FRG491914	-6	-10
FRG491915-BL	FRG491915	-8	-10
FRG491916-BL	—	-4	-12
—	FRG491918	-6	-12
FRG491919-BL	—	-8	-12
FRG491920-BL	—	-10	-12
FRG491922-BL	—	-10	-16
FRG491923-BL	FRG491923	-12	-16
Aluminum Female Swivel			
FRG496103-BL	FRG496103	-3	-3
FRG496104-BL	FRG496104	-4	-4
FRG496106-BL	FRG496106	-6	-6
FRG496107-BL	FRG496107	-6	-8
FRG496108-BL	FRG496108	-8	-8
FRG496109-BL	FRG496109	-8	-10
FRG496110-BL	FRG496110	-10	-10
FRG496112-BL	FRG496112	-12	-12
FRG496116-BL	—	-16	-16
Aluminum 45° Female Coupler			
—	FRG496204	-4	-4
—	FRG496206	-6	-6
—	FRG496208	-8	-8
FRG496212-BL	—	-12	-12
FRG496216-BL	—	-16	-16
Aluminum 90° Female Coupler			
—	FRG496303	-3	-3
—	FRG496304	-4	-4
FRG496306-BL	FRG496306	-6	-6
FRG496308-BL	FRG496308	-8	-8
—	FRG496310	-10	-10
—	FRG496312	-12	-12
Aluminum 90° Female Tube Style Coupler			
FRG496321-BL	—	-4	-4
FRG496317-BL	—	-6	-6
FRG496318-BL	—	-8	-8
FRG496319-BL	—	-10	-10
FRG496320-BL	—	-20	-20
Aluminum Swivel Reducer			
FRG497204-BL	FRG497204	-3	-4
FRG497206-BL	FRG497206	-4	-6
FRG497218-BL	FRG497218	-4	-8
FRG497208-BL	FRG497208	-6	-8
FRG497210-BL	FRG497210	-6	-10
FRG497211-BL	FRG497211	-8	-10
FRG497212-BL	FRG497212	-8	-12
FRG497213-BL	FRG497213	-10	-12
FRG497216-BL	FRG497216	-10	-16
FRG497217-BL	FRG497217	-12	-16
FRG497219-BL	—	-16	-20

* Signifies steel fitting.



AN Flare Adapters - Cont.

Black Part No.	Blue Part No.	"A" Dash Size	"B" Dash Size	
Aluminum Swivel Flare Expander				
FRG497304-BL	FRG497304	-3	-4	
FRG497306-BL	FRG497306	-4	-6	
FRG497308-BL	FRG497308	-6	-8	
FRG497310-BL	FRG497310	-8	-10	
FRG497312-BL	FRG497312	-10	-12	
FRG497316-BL	—	-12	-16	
FRG497320-BL	FRG497320	-16	-20	
Aluminum Female to Male 90° Swivel				
FRG498101-BL	FRG498101	-3	-3	
FRG498102-BL	FRG498102	-4	-4	
—	FRG498103	-6	-6	
FRG498104-BL	FRG498104	-8	-8	
—	FRG498105	-10	-10	
FRG498106-BL	—	-12	-12	
Aluminum 45° Swivel Flare Adapters				
—	FRG498001	-3	-3	
—	FRG498002	-4	-4	
FRG498003-BL	FRG498003	-6	-6	
—	FRG498004	-8	-8	
—	FRG498005	-10	-10	
FRG498008-BL	—	-16	-16	
Aluminum Male to Male 90° Swivel				
FRG499268-BL	—	-6	-6 (3/4"-16)	
FRG499207-BL	—	-8	-8 (9/16"-18)	
FRG499208-BL	—	-8	-8 (3/4"-16)	
FRG499210-BL	—	-10	-10 (7/8"-14)	
FRG499212-BL	—	-12	-12 (1-1/16"-12)	
FRG499213-BL	—	-12	-10 (7/8"-14)	
Black Part No.	Blue Part No.	"A" Dash Size	"B" Dash Size	"C" Dash Size
Aluminum Tee, Female Swivel on Run				
FRG498301-BL	—	-3	-3	-3
FRG498302-BL	FRG498302	-4	-4	-4
FRG498303-BL	—	-6	-6	-6
FRG498304-BL	—	-8	-8	-8
FRG498305-BL	—	-10	-10	-10
FRG498306-BL	—	-12	-12	-12
FRG498308-BL	—	-16	-16	-16
Aluminum Tee, Female Swivel on Side				
FRG498201-BL	FRG498201	-3	-3	-3
FRG498202-BL	FRG498202	-4	-4	-4
FRG498203-BL	FRG498203	-6	-6	-6
FRG498204-BL	FRG498204	-8	-8	-8
Aluminum Tee				
FRG482403-BL	FRG482403	-3	-3	-3
FRG482404-BL	FRG482404	-4	-4	-4
FRG482406-BL	FRG482406	-6	-6	-6
FRG482408-BL	FRG482408	-8	-8	-8
FRG997408-BL*	—	-8	-8	-8
FRG482410-BL	FRG482410	-10	-10	-10
FRG482412-BL	FRG482412	-12	-12	-12
FRG482416-BL	FRG482416	-16	-16	-16
* Fitting includes an 1/8" FPT				
Black Part No.	Blue Part No.	"A" Dash Size		
Aluminum Flare Cap				
FRG492903-BL	FRG492903	-3		
FRG492904-BL	FRG492904	-4		
FRG492906-BL	FRG492906	-6		
FRG492908-BL	FRG492908	-8		
FRG492910-BL	FRG492910	-10		
FRG492912-BL	FRG492912	-12		
FRG492916-BL	FRG492916	-16		
FRG492920-BL	—	-20		



AN Flare Adapters - Cont.

Black Part No.	Blue Part No.	"A" Dash Size
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Aluminum Flare Plug		
FRG480603-BL	FRG480603	-3
FRG480604-BL	FRG480604	-4
FRG480606-BL	FRG480606	-6
FRG480608-BL	FRG480608	-8
FRG480610-BL	FRG480610	-10
FRG480612-BL	FRG480612	-12

Aluminum Port Plug (O-Ring Included)

FRG481403-BL	FRG481403	-3
FRG481404-BL	FRG481404	-4 (7/16"-20)
FRG481406-BL	FRG481406	-6 (9/16"-18)
FRG481426-BL*	—	-6
FRG481408-BL	FRG481408	-8 (3/4"-16)
FRG481428-BL*	—	-8 (3/4"-16)
FRG481410-BL	FRG481410	-10 (7/8"-14)
FRG481412-BL	—	-12 (1-1/16"-12)
FRG481416-BL	—	-16 (1-5/16"-12)

Aluminum Port Plug (Socket Head)

FRG481304-BL	—	-3
FRG481310-BL	—	-10
FRG481312-BL	—	-12

Aluminum Tube Nut

FRG481803-BL	FRG481803	-3
FRG481804-BL	FRG481804	-4
FRG481806-BL	FRG481806	-6
FRG481808-BL	FRG481808	-8
FRG481810-BL	FRG481810	-10
FRG481812-BL	—	-12

Note: Most tube nuts are also available in 10-packs by adding "-10" to part no.

Aluminum Tube Sleeve

FRG481903-BL	FRG481903	-3
FRG481904-BL	FRG481904	-4
FRG481906-BL	FRG481906	-6
FRG481908-BL	FRG481908	-8
FRG481910-BL	FRG481910	-10
FRG481912-BL	—	-12

* Signifies port plug with 1/8" NPT port.

AN Flare Bulkhead Adapters

Black Part No.	Blue Part No.	"A" Dash Size	"B" Dash Size
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Aluminum Straight Bulkhead

FRG483203-BL	FRG483203	-3	-3
FRG483204-BL	FRG483204	-4	-4
FRG483206-BL	FRG483206	-6	-6
FRG483208-BL	FRG483208	-8	-8
FRG483210-BL	FRG483210	-10	-10
FRG483212-BL	FRG483212	-12	-12
FRG483216-BL	—	-16	-16
FRG483220-BL	—	-20	-20

Aluminum 45° Bulkhead

FRG483703-BL	—	-3	-3
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Aluminum 90° Bulkhead

FRG483303-BL	FRG483303	-3	-3
FRG483304-BL	FRG483304	-4	-4
FRG483306-BL	FRG483306	-6	-6
FRG483308-BL	FRG483308	-8	-8
FRG483310-BL	FRG483310	-10	-10
FRG483312-BL	—	-12	-12
FRG483316-BL	—	-16	-16

AN Flare Bulkhead Adapters

Steel Adapter Part No.	Steel Bulkhead Nut Part No.	"A" Dash Size	"B" Dash Size
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FRG583206	FRG592406	-6	-6
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AN Flare Bulkhead Adapters - Cont.

Black Part No.	Blue Part No.	"A" Dash Size	"B" Dash Size	"C" Dash Size
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Aluminum Bulkhead Tee On The Side

FRG483403-BL	FRG483403	-3	-3	-3
FRG483404-BL	—	-4	-4	-4
FRG483406-BL	—	-6	-6	-6
FRG483408-BL	FRG483408	-8	-8	-8
FRG483410-BL	—	-10	-10	-10

Aluminum Bulkhead Tee On The Run

FRG480403-BL	FRG480403	-3	-3	-3
—	FRG580403*	-3	-3	-3
FRG480404-BL	—	-4	-4	-4

* Signifies steel fitting.

Black Part No.	Blue Part No.	"A" Dash Size
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Fuel Cell Bulkhead		
FRG483106-BL	—	-6
FRG483108-BL	—	-8
FRG483110-BL	—	-10
FRG483112-BL	—	-12

Aluminum Bulkhead Nut

FRG492403-BL	FRG492403	-3
FRG492404-BL	FRG492404	-4
FRG492404-BL	FRG492404	-4
—	FRG592404*	-6
FRG492408-BL	FRG492408	-8
FRG492410-BL	FRG492410	-10
FRG492412-BL	FRG492412	-12
FRG492416-BL	—	-16
FRG492420-BL	—	-20

* Signifies steel fitting.

Nylon Sealing Washers

Sold as 10-pack.

Part No.	Description
FRG999126	9/16" I.D. (-6AN)
FRG999128	3/4" I.D. (-8AN)
FRG999130	7/8" I.D. (-10AN)
FRG999132	1-1/16" I.D. (-12)

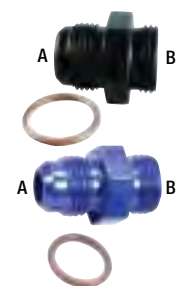


AN Flare to ORB Adapters

Black Part No.	Blue Part No.	"A" Dash Size	"B" SAE Size
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Aluminum O-Ring Boss

FRG495127-BL	—	-3	3/8"-24 (-3)
FRG495124-BL	—	-4	3/8"-24 (-3)
FRG495125-BL	—	-4	7/16"-20 (-4)
FRG495110-BL	—	-4	9/16"-18 (-6)
FRG495111-BL	—	-4	3/4"-16 (-8)
FRG495112-BL	—	-4	7/8"-14 (-10)
FRG495100-BL	FRG495100	-6	9/16"-18 (-6)
FRG495101-BL	FRG495101	-6	3/4"-16 (-8)
FRG495113-BL	FRG495113	-6	7/8"-14 (-10)
FRG495114-BL	—	-6	1-1/16"-12 (-12)
FRG495102-BL	FRG495102	-8	9/16"-18 (-6)
FRG495103-BL	FRG495103	-8	3/4"-16 (-8)
FRG495104-BL	FRG495104	-8	7/8"-14 (-10)
FRG495115-BL	—	-8	1-1/16"-12 (-12)
FRG495116-BL	—	-8	1-5/16"-12 (-16)
FRG495105-BL	FRG495105	-10	3/4"-16 (-8)
FRG495106-BL	FRG495106	-10	7/8"-14 (-10)
FRG495107-BL	FRG495107	-10	1-1/16"-12 (-12)
FRG495117-BL	—	-10	1-5/16"-12 (-16)
FRG495122-BL	—	-12	3/4"-16 (-8)
FRG495108-BL	FRG495108	-12	7/8"-14 (-10)
FRG495109-BL	FRG495109	-12	1-1/16"-12 (-12)
FRG495118-BL	—	-12	1-5/16"-12 (-16)
FRG495120-BL	—	-16	1-1/16"-12 (-12)
FRG495119-BL	—	-16	1-5/16"-12 (-16)
FRG495123-BL	—	-20	1-5/16"-12 (-16)



ORB to ORB Adapters

Black Part No.	"A" Dash Size	"B" Dash Size
FRG494108-BL	-8	-8
FRG494110-BL	-10	-10
FRG494111-BL	-12	-12
FRG494112-BL	-10	-8



NPT Adapters

Black Part No.	Blue Part No.	"A" NPT Size	"B" NPT Size
Aluminum NPT Reducer			
FRG491201-BL	FRG491201	1/8"	1/4"
FRG491202-BL	FRG491202	1/4"	3/8"
FRG491203-BL	FRG491203	1/8"	3/8"
FRG491204-BL	FRG491204	3/8"	1/2"
FRG491205-BL	FRG491205	1/4"	1/2"
FRG491206-BL	FRG491206	1/8"	1/2"
FRG491207-BL	—	1/2"	3/4"
FRG491208-BL	FRG491208	3/8"	3/4"
FRG491209-BL	FRG491209	1/4"	3/4"



Black Part No.	Blue Part No.	"A" NPT Size
Aluminum Male NPT Nipple		
FRG491101-BL	FRG491101	1/8"
FRG491102-BL	—	1/4"
FRG491103-BL	FRG491103	3/8"
FRG491104-BL	FRG491104	1/2"

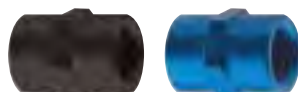


Aluminum Female NPT Coupler

Black Part No.	Blue Part No.	"A" NPT Size
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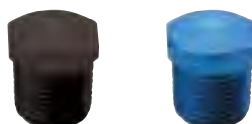
Aluminum Internal Allen NPT Plug

Black Part No.	Blue Part No.	"A" NPT Size
FRG493201-BL	—	1/16"
FRG493202-BL	FRG493202	1/8"
FRG493203-BL	FRG493203	1/4"
FRG493204-BL	FRG493204	3/8"
FRG493205-BL	FRG493205	1/2"
FRG493206-BL	FRG493206	3/4"
FRG493207-BL	—	1"



Aluminum Hex NPT Plug

Black Part No.	Blue Part No.	"A" NPT Size
FRG493301-BL	—	1/8"
—	FRG493302	1/4"
FRG493303-BL	FRG493303	3/8"
FRG493304-BL	FRG493304	1/2"
FRG493306-BL	FRG493306	3/4"



Female to Male 45°

Black Part No.	Blue Part No.	"A" NPT Size
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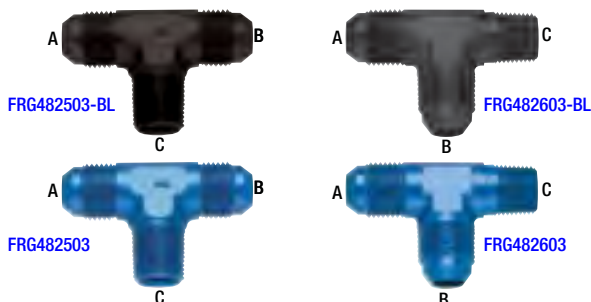


Metric to AN Adapters **NEW!**

Black Part No.	Blue/Red Part No.	"A" AN Size	"B" Metric Size
FRG460408-BL	—	-4	10 x 1.0
FRG460606-BL	—	-6	10 x 1.25
FRG460618-BL	—	-6	18 x 1.5
FRG460812-BL	—	-8	12 x 1.5
—	FRG460814	-8	14 x 1.5
FRG460818-BL	—	-8	18 x 1.5

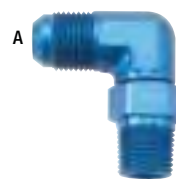
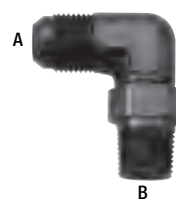


AN to NPT Adapters



Black Part No.	Blue Part No.	"A" Dash Size	"B" Dash Size	"C" NPT Size
Aluminum Tee Pipe on the Side				
FRG482503-BL	FRG482503	-3	-3	1/8"
—	FRG482504	-4	-4	1/8"
—	FRG482506	-6	-6	1/4"
—	FRG482508	-8	-8	3/8"
Aluminum Tee Pipe on the Side				
FRG482603-BL	FRG482603	-3	-3	1/8"
—	FRG482604	-4	-4	1/8"
—	FRG482608	-8	-8	3/8"

Black Part No.	Blue/Red Part No.	"A" Dash Size	"B" NPT Size
Aluminum Female AN Swivel to Male NPT			
—	FRG499303	-3	1/8"
—	FRG499304	-4	1/8"
—	FRG499344	-4	1/4"
—	FRG499362	-6	1/8"
FRG499306-BL	FRG499306	-6	1/4"
—	FRG499366	-6	3/8"
—	FRG499307	-8	1/4"
FRG499308-BL	FRG499308	-8	3/8"
FRG499311-BL	FRG499311	-10	3/8"
FRG499310-BL	FRG499310	-10	1/2"
Aluminum 90° Swivel to Male NPT			
FRG499104-BL	—	-4	1/8"
FRG499144-BL	—	-4	1/4"
FRG499162-BL	—	-6	1/8"
FRG499106-BL	—	-6	1/4"
FRG499166-BL	—	-6	3/8"
FRG499168-BL	—	-6	1/2"
FRG499107-BL	—	-8	1/4"
FRG499108-BL	—	-8	3/8"
FRG499111-BL	—	-10	3/8"
FRG499110-BL	—	-10	1/2"
FRG499113-BL	—	-12	1/2"



Oil Pressure Adapters

Part No.	Description
FRG481710-BL	-10AN x 1/2" NPT, 3.25" Long
FRG481712-BL	-12AN x 1/2" NPT, 3.25" Long
FRG481713-BL	-10AN x 1/2" NPT, 4.4" Long
FRG481714-BL	-12AN x 1/2" NPT, 4.4" Long
FRG581690	-4AN x 1/8" NPT, 2.00" Long Steel NEW!

Aluminum AN to NPT Adapters

Hose Size	NPT Size	Straight Black Part No.	Straight Blue Part No.	45° Black Part No.	45° Blue Part No.	90° Black Part No.	90° Blue Part No.
-3	1/16"	—	FRG481601	—	—	—	—
-3	1/8"	FRG481603-BL	FRG481603	FRG482303-BL	FRG482303	FRG482203-BL	FRG482203
-3	1/4"	FRG481634-BL	FRG481634	—	—	FRG482234-BL	FRG482234
-3	3/8"	—	FRG481636	—	—	—	FRG482236
-4	1/16"	FRG481602-BL	FRG481602	—	—	—	—
-4	1/8"	FRG481604-BL	FRG481604	FRG482304-BL	FRG482304	FRG482204-BL	FRG482204
-4	1/4"	FRG481605-BL	FRG481605	FRG482344-BL	FRG482344	FRG482244-BL	FRG482244
-4	3/8"	FRG481644-BL	FRG481644	—	FRG482338	—	FRG482238
-6	1/8"	FRG481662-BL	FRG481662	FRG482362-BL	FRG482362	FRG482262-BL	FRG482262
-6	1/4"	FRG481606-BL	FRG481606	FRG482306-BL	FRG482306	FRG482206-BL	FRG482206
-6	3/8"	FRG481666-BL	FRG481666	FRG482366-BL	FRG482366	FRG482266-BL	FRG482266
-6	1/2"	FRG481668-BL	FRG481668	FRG482368-BL	FRG482368	FRG482268-BL	FRG482268
-8	1/4"	FRG481607-BL	FRG481607	FRG482307-BL	FRG482307	FRG482207-BL	FRG482207
-8	3/8"	FRG481608-BL	FRG481608	FRG482308-BL	FRG482308	FRG482208-BL	FRG482208
-8	1/2"	FRG481688-BL	FRG481688	FRG482388-BL	FRG482388	FRG482288-BL	FRG482288
-8	3/4"	FRG481617-BL	FRG481617	—	—	—	—
-10	3/8"	FRG481611-BL	FRG481611	FRG482311-BL	FRG482311	FRG482211-BL	FRG482211
-10	1/2"	FRG481610-BL	FRG481610	FRG482310-BL	FRG482310	FRG482210-BL	FRG482210
-10	3/4"	FRG481609-BL	FRG481609	—	—	FRG482209-BL	FRG482209
-12	1"	FRG481619-BL	—	—	—	—	—
-12	3/4"	FRG481612-BL	FRG481612	FRG482312-BL	FRG482312	FRG482212-BL	—
-12	1/2"	FRG481613-BL	FRG481613	FRG482313-BL	FRG482313	FRG482213-BL	FRG482213
-16	3/4"	FRG481615-BL	FRG481615	—	—	FRG482215-BL	—
-16	1"	FRG481616-BL	FRG481616	—	—	FRG482216-BL	FRG482216
-20	1-1/4"	FRG481620-BL	—	—	—	—	—

Steel AN to NPT Adapter

Part No.	AN Size	NPT Size
FRG581603	-3	1/8"
FRG581605	-4	1/4"



Hose Barb to NPT Adapters

Black Part No.	Blue Part No.	"A" Hose Size	"B" NPT Size
FRG484004-BL	FRG484004	1/4"	1/8"
FRG484006-BL	FRG484006	3/8"	1/4"
FRG484008-BL	FRG484008	1/2"	3/8"
FRG484010-BL	FRG484010	5/8"	1/2"
FRG484012-BL	FRG484012	3/4"	3/4"



ORB to NPT Adapters

Part No.	"A" Dash Size	"B" NPT Size
FRG494001-BL	-10	3/8"
FRG494002-BL	-10	1/2"



Automatic Transmission Cooling Line Fittings

Black anodized aluminum fitting adapts 1/4" NPS to -6AN. Sold each.

Part No.	Description
FRG481670-BL	-6AN to 1/4" NPS
FRG481672-BL*	-6AN to 1/4" NPS

* Extended fitting specifically for rear cooling line fitting on GM 4L80E.



Weld Bungs with 1.0" Dia. Step

Part No.	Size
FRG499558	-8 Male (3/4"-16)
FRG499560	-10 Male (7/8"-14)
FRG499562	-12 Male (1-1/16"-12)
FRG499566	-16 Male (1-5/16"-12)



Steel Weld Bungs

Part No.	Description
FRG597104	-4 Male
FRG597106	-6 Male
FRG597108	-8 Male
FRG597110	-10 Male
FRG597112	-12 Male



Aluminum Weld Bung AN Adapters

Part No.	Description
FRG497104	-4 Male
FRG497106	-6 Male
FRG497108	-8 Male
FRG497110	-10 Male
FRG497112	-12 Male



Female Weld Bung

Part No.	Description
FRG499506	3/8" FPT, .750" Dia. Step



Billet Aluminum Flare to Flare Y Fittings

Part No.	Description
FRG900604*	-4AN Male, All NEW!
FRG900606-BL	-6AN Male, All
FRG900607-BL	-6AN Male Inlet x -4AN Male Outlets NEW!
FRG900608-BL	-8AN Male, All
FRG900609-BL	-8AN Male Inlet x -6AN Male Outlets
FRG900611-BL	-10 Male Inlet x -8AN Male Outlets
FRG900612-BL	-12AN Male Inlet x -12AN Male Outlets NEW!
FRG900617-BL	-16AN Male Inlet x -12AN Male Outlets NEW!

* Signifies blue anodized fitting.



LS Temperature Probe Adapter FRG493020-BL

Designed for GM LS applications, aluminum adapter includes 16 x 1.5mm male threads x 1/8" female NPT threads. Includes O-ring.



Bulk 1/4" Aluminum Tubing FRG890004

Suitable for use as fuel, coolant, or power steering line, lightweight, 1/4" dia. aluminum tubing includes a .035" wall thickness. May be flared 37° for use with an AN 818 nut and AN 819 sleeve. Sold in 25' roll.



Hard Line to AN Male Adapter Fittings

Black anodized aluminum fittings join the bare end of a hard tube to an AN style fitting.

Part No.	Description
FRG892004-BL	-6AN Male x 1/4" O.D. Tube
FRG892005-BL	-6AN Male x 5/16" O.D. Tube
FRG892006-BL	-6AN Male x 3/8" O.D. Tube
FRG892008-BL	-8AN Male x 1/2" O.D. Tube
FRG892010-BL	-10AN Male x 5/8" O.D. Tube



Premium Fuel Line Kits

Assembled fuel lines include high-flow, black anodized aluminum adapters, stainless steel braided line, EZ disconnect system, and a plugged cap with a provision for a fuel pressure gauge. Gauge not included.



Black Part No.	Blue/Red Part No.	Description
FRG920002-BL	FRG920002	-6AN x 7/8"-20, Dual Inlet Holley 4150, 9.3" Center Distance
FRG920003-BL	FRG920003	-8AN x 7/8"-20, Dual Inlet Holley 4150, 9.3" Center Distance
FRG920006-BL	—	-6AN x 9/16"-24, Demon, 9.5" Center Distance
FRG920007-BL	—	-8AN x 9/16"-24, Demon, 9.5" Center Distance

Premium Black-On-Black Fuel Line Kits

Assembled fuel line kits use high-flow, black anodized aluminum adapters, black nylon race hose, EZ disconnect system, and a plugged cap with a provision for a fuel pressure gauge. Gauge not included.



Part No.	Description
FRG930002-BL	-6AN x 7/8"-20, Dual Inlet Holley 4150, 9.3" Center Distance
FRG930003-BL	-8AN x 7/8"-20, Dual Inlet Holley 4150, 9.3" Center Distance

Pro Stock Fuel Line Kits

Pro Stock kits incorporate high-flow, black anodized aluminum adapters and PTFE hose assemblies. No provision for fuel pressure gauge.



Black Part No.	Blue/Red Part No.	Description
FRG920022-BL	FRG920022	-6AN x 7/8"-20, Dual Inlet Holley 4150, 9.3" Center Distance
FRG920023-BL	FRG920023	-8AN x 7/8"-20, Dual Inlet Holley 4150, 9.3" Center Distance
FRG920026-BL	FRG920026	-6AN x 9/16"-24, Demon, 9.5" Center Distance
FRG920027-BL	—	-8AN x 9/16"-24, Demon, 9.5" Center Distance

Sportsman Fuel Line Kits

Lightweight, affordable fuel line kits include black nylon race-crimped hose assembly with provision for a fuel pressure gauge. Offered in black only.



Part No.	Description
FRG930010-BL	-8AN x -8AN ORB, Dual Inlet Holley 4150 Ultra HP, 9.75" Center Distance
FRG930012-BL	-8AN x -8AN ORB, Dual Inlet Holley 4500 Ultra HP, 10.75" Center Distance

Billet Fuel Filter **NEW** FRG960001-BL

Billet 6061-T6 aluminum fuel filter includes -6AN ports and a 40-micron element. Black anodized finished, filter is 3-3/4" long x 1-3/4" O.D. and is sealed with Viton O-rings.



Special Adapters

Black Part No.	Blue Part No.	Description
FRG491940-BL	—	-6AN x 1/2"-20 Female I.F. NEW!
FRG491942-BL	—	-6AN x 5/8"-18 Female I.F. NEW!
FRG491948-BL	FRG491948	-8AN x 7/8"-20 Male, Short, Holley
FRG491949-BL	—	-8AN x 5/8"-18 Male, 3/8" Tube I.F., GM P/S
FRG491950-BL	FRG491950	-6AN x 5/8"-20 Male, Carter
FRG491951-BL	FRG491951	-6AN x 9/16"-24 Male, Holley/Demon
FRG491952-BL	FRG491952	-6AN x 7/8"-20 Male, Holley 4150
FRG491954-BL	—	-6AN Male x 12mm x 1.25, Solex
FRG491955-BL	FRG491955	-6AN x 1/2"-20 Male, 5/16" Tube I.F.
FRG491956-BL	FRG491956	-6AN x 5/8"-18 Male, 3/8" Tube I.F.
FRG491957-BL	FRG491957	-8AN x 7/8"-20 Male, Holley
FRG491960-BL	FRG491960	-6AN x 1"-20 Male, Rochester Q-Jet
FRG491962-BL	FRG491962	-6AN x 14mm x 1.5 Male, Fuel Injection
FRG491963-BL	FRG491963	-6AN x 16mm x 1.5 Male, Fuel Injection
FRG491964-BL	FRG491964	-6AN x 18mm x 1.5 Male, Fuel Injection
FRG491965-BL	FRG491965	-8AN x 1"-20 Male, Rochester Q-Jet
FRG491966-BL	FRG491966	-8AN x 9/16"-24 Male, Holley/Demon
FRG491967-BL	FRG491967	-8AN x 5/8"-20 Male, Carter/Edelbrock
FRG491970-BL	—	-6AN x 14mm x 1.5 Female O-Ring Seal
FRG491971-BL	FRG491971	-6AN x 16mm x 1.5 Female, O-Ring Seal
FRG491974-BL	—	-8AN x 7/8"-20 Female Carb Adapter, 3" Long, Holley
FRG491975-BL	FRG491975	-6AN x 7/8"-20 Male, 3" Long
FRG491976-BL	FRG491976	-8AN x 7/8"-20 Male, 3" Long
FRG491978-BL	—	-8AN x 9/16"-24 Male, 3" Long
FRG491980-BL	FRG491980	7/8"-20 Inlet Plug, Blank
FRG491989-BL	—	-6AN x LT-1, 3/8" Line, Feed Side, Fuel Injection
FRG491990-BL	—	-6AN x LT-1, 5/16" Return, Fuel Injection
FRG491991-BL	—	-8AN Ford EFI Fuel Tank Outlet
FRG491992-BL	—	-8AN GM LT1 EFI 3/8" Line Feed

Gauge Adapters

Black Part No.	Blue Part No.	Description
FRG495000-BL	FRG495000	-4AN Male x -4AN Female Inline, 1/8" Female NPT on Side
FRG495001-BL	FRG495001	-6AN Male x -6AN Male Inline, 1/8" Female NPT on Side
FRG495002-BL	FRG495002	-6AN Male x 3/8" Male NPT Inline, 1/8" Female NPT on Side
FRG495003-BL	FRG495003	-8AN Male x -8AN Male, Inline, 1/8" FPT on Side
FRG495004-BL	FRG495004	-8AN Male x 3/8" MPT, Inline, 1/8" FPT on Side
FRG495005-BL	FRG495005	-6AN Male x -6AN Female Inline, 1/8" Female NPT on Side
FRG495006-BL	FRG495006	-8AN Male x -8AN Female, Inline, 1/8" FPT on Side
FRG495014-BL	—	-12AN Male x -12AN Female, Inline, 1/8" FPT on Side
FRG495020-BL	FRG495020	-3AN x 1/8" Female NPT, Straight
FRG495021-BL	FRG495021	-4AN x 1/8" Female NPT, Straight
FRG495022-BL	FRG495022	-3AN x 1/8" Female NPT, 90°
FRG495023-BL	FRG495023	-4AN x 1/8" Female NPT, 90°

Power Steering Hose Ends FRG259106

Engineered for use with FPS power steering hose, hose ends are black anodized aluminum (unless specified).

Part No.	Description
FRG250107	Straight Fitting, -6AN
FRG254606	45° Fitting, -6AN
FRG259010*	90° Fitting, -10AN
FRG259106	90° Fitting, -6AN

* Zinc-plated steel.



Brake Adapters

Part No.	Description
FRG650103	Steel Banjo Adapter, -3 x 3/8"
FRG650157	9/16"-20 Banjo Bolt, Chrysler Master Cylinder
FRG650115	Steel Banjo Adapter, -3 x 12mm
FRG650123	Steel Banjo Adapter, 1/8" Female NPT x 1/2", Chrysler Master Cyl.
FRG650124	Steel Banjo Adapter, 1/8" Female NPT x 9/16", Chrysler Master Cyl.
FRG650155	Steel Banjo Bolt, 10mm x 1.0
FRG650310	Steel Brake Adapter, -3 x 10mm x 1.0 B.F.



P.T.F.E. Hose Assemblies NEW!

Pre-assembled, -3AN hose assemblies save precious time when plumbing brake systems.

Part No.	Description
FRG310008	-3AN 8" Long
FRG310016	-3AN 16" Long
FRG310030	-3AN 30" Long
FRG310048	-3AN 48" Long



Double Open-End Wrench Set

Durable, heat-treated aluminum wrenches are perfect for tightening aluminum AN fittings, even in tight spaces. Each wrench includes two different angles for ease of use. Set of five includes -6, -8, -10, -12, and -16AN.

Part No.	Description
FRG900100	Five Piece Wrench Set
FRG900086	-6 Wrench Only



Padded Line Clamps

Part No.	Description
FRG900953	5/8" 10-Pack
FRG900954	3/4" 10-Pack
FRG900955	7/8" 10-Pack
FRG900956	5-Pack NEW!
FRG900958	1-1/2" 5-Pack



Viton O-Rings

Sold in 10-packs.

Part No.	Size
FRG999108	-3AN
FRG999109	-4AN
FRG999110	-8AN



Replacement Olives NEW!

Replacement aluminum olives are designed for use with Fragola P.T.F.E. hose ends. Sold each.

Part No.	Description	Part No.	Description
FRG999306	-6AN	FRG999112	-10
FRG999308	-8AN	FRG999113	-12



Blank Grommet Seal FRG999412

Large 1-1/2" diameter grommet consists of a fire-retardant rubber center bonded to an anodized aluminum ring. Ideal for routing gauge lines through firewall, blank, pointed grommet may be cut open as desired.



Hose Pressure Test Kit FRG900060

Handy kit allows the quick testing of AN hose assemblies. A compressed air source and water bath to submerge assemblies is all users need to check for leaks. Kit includes individual line testers for -3 through -16. Individual line testers may also be purchased separately.

Part No.	Hose Size
Individual Line Testers	
FRG900663	-3
FRG900664	-4
FRG900666	-6
FRG900668	-8
FRG900670	-10
FRG900672	-12



Koul Tool

Specialized composite tool eases the assembly of AN fittings to stainless steel braided hose. Koul Tool comes in two sizes, one for -4, -6, and -8AN fittings, and the other for -10, -12, and -16AN fittings.

Part No.	Description
FRG900510	Koul Tool, Fits -4, -6, -8
FRG900511	Koul Tool, Fits -10, -12, -16



37° Flaring Tool FRG900500

Economical flaring tool forms an AN specification 37° JIC flare to 3/16" through 5/8" diameter hard line tubing.



FRAM®

Popular Fram Oil Filters

Application	Performance Filter	Standard Filter
Ford	FRAHP1	FRAHP8A
Chevy, Long	FRAHP4	—
Chevy, Short	—	FRAHP30
Chrysler, 1959-86	FRAHP1	—



Standard Fuel Filters

Part No.	Description
FRAG2	Plastic Housing with 5/16" Ends
FRAG3	Plastic Housing with 3/8" Ends
FRAG15	Steel Housing with 3/8" Ends



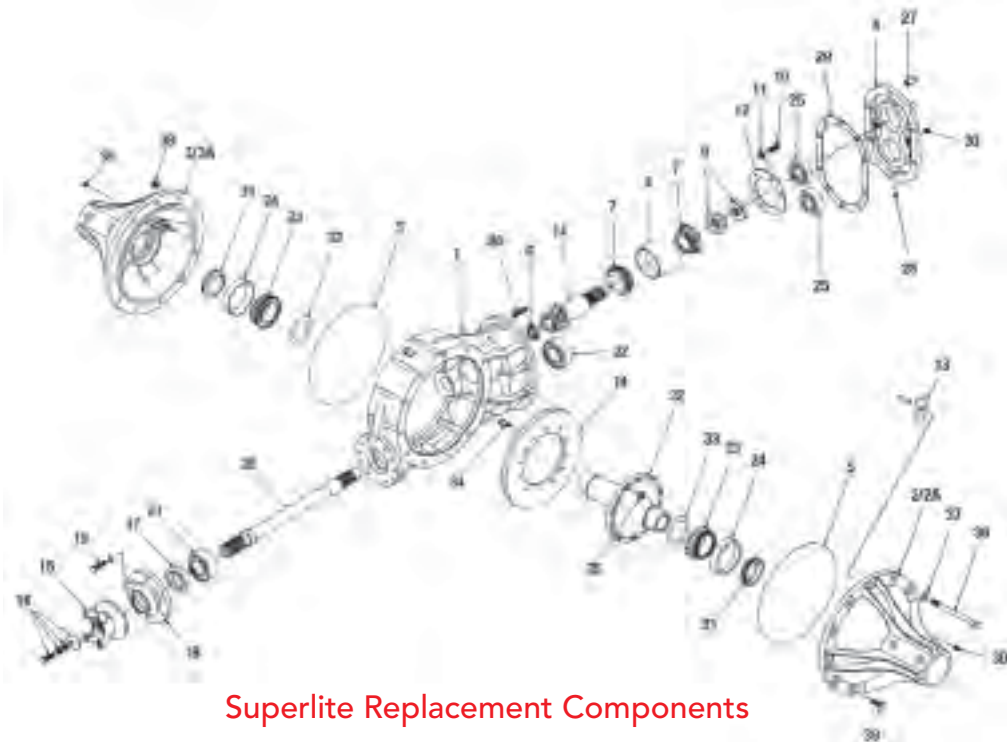
High-Performance Oil Filters

Filters feature an anti-drainback valve and a relief valve which functions as an internal bypass. When inlet pressure exceeds outlet pressure, the valve opens and oil bypasses the filter. Filters have a maximum pressure of 200 PSI with a 22 PSI safety valve.

Part No.	Application(s)	Dimensions O.D. x Ht.	Thread	Mic. Rat.	Max. Flow Rate	Burst PSI	Gasket
FRAHP1	Ford/Chrysler	3-5/8" x 5-1/2"	3/4"-16	18	10 GPM	500	Inboard
FRAHP3	Ford/Chrysler	3-5/8" x 4"	3/4"-16	18	10 GPM	500	Inboard
FRAHP4	Chevrolet	3-5/8" x 5-1/2"	13/16"-16	18	10 GPM	325	Outboard
FRAHP6*	Remote Mt.	4-1/2" x 6-1/8"	1-1/2"-12	12	20 GPM	400	Outboard
FRAHP8	Chevrolet	3-5/8" x 4"	13/16"-16	18	10 GPM	325	Outboard

* No anti-drain valve and no safety valve screen.





Superlite Replacement Components

No.	Description	Part No.	No.	Description	Part No.	No.	Description	Part No.
1	Center Section Nose Bearing, Magnesium	—	12	Pinion Lock Plate, Steel	—	25	Rear Cover Bearing	FRKQC0090
2	Left Side Bell, 8-Rib, Coated	FRKQC0253MLC	13	Thrust Block and Pin	FRKQC0310	26	Rear Cover Stud	FRKQC0121
2A	Left Side Bell, 6-Rib	FRKQC0254M	15	Yoke	FRKQC0380	27	Rear Cover Nut	FRKQC0122
2A	Left Side Bell, 6-Rib, Coated	FRKQC0254MC	16	Yoke Bolt and Washer	FRKQC0381	29	Rear Cover Gasket	FRKQC0815
3	Right Side Bell, 8-Rib, Coated	FRKQC0253MRC	17	Front Yoke Seal	FRKQC0150	31	Axle Tube Seal	FRKQC0300
3A	Right Side Bell, 6-Rib	—	18	Front Seal Plate	FRKQC0140	32	Aluminum Spool	FRKQC0432
4	Superlite Rear Cover	FRKKT0840M	19	3/8"-16 x 1-1/4" Bolt, Aluminum	—	33	Shim Kit	FRKKT0445
5	Seal O-Ring, Superlite and Frankland III	FRKQC0275	20	Lower Shaft, Pre-Hardened	FRKQC0405PH	34	Ring Gear Bolt	FRKQC0307
6	Pinion Nose Bearing, Narrow	FRKQC0160	21	Sprint Input Shaft Bearing	FRKSP0017	35	Ring Gear Nut	FRKQC0103
7	Pinion Bearing	FRKQC0200	22	Sprint Output Shaft Bearing	FRKSP0018	36	Through Bolt	—
9	Pinion Nut, LH, Spread Bearing Posi Lock	FRKQC0214A	23	Carrier Bearing	FRKQC0290	37	7/16" Flat Washer	—
10	Pinion Lock Plate Bolt	—	23	Carrier Bearing, Used for Set-Up	FRKQC0289*	38	7/16" Nut	—
11	3/8" Lock Washer	—	24	Carrier Bearing Race	FRKQC0280	39	7/16"-14 x 1-1/4" Bolt	—

Closed Tube Superlite Quick Change

The Superlite is among the lightest and most durable quick-change rear ends available. The redesigned pinion carrier and state-of-the-art ring-and-pinion technology combine to deliver increased longevity. The center section is guaranteed for one full year against breakage. A complete magnesium center section with side bells, forged aluminum spool, solid lower shaft, and spread bearing ring and pinion weighs just 65 lbs. Choose from Wide 5 style rears or rears less tubes, if desired. All quick changes listed include 4.86 ring and pinion set with posi-lock (FRK-KT0355-214A), aluminum spool (FRKQC0432), heat-treated lower shaft (FRKQC0405PH), inspection plug in right bell (FRKSP0031), and billet rear cover with heavy-duty bearings (FRKKT0840B).



Part No.	Description	Added Options	Axles	Housing Width
Wide 5 Quick Changes				
FRK01-ROC	Rocket Chassis	Black Aluminum Wide 5 Tubes	33"/36"	62-1/2"
Quick Change/Less Tubes				
FRK01-LTC	Less Tubes	Thermal Coated	N/A	N/A

4.86 Ring and Pinion Set with Bearings FRKKT0486

Designed for use in Superlite quick-change rears, 4.86 ratio, 10-spline ring and pinion set is complete with pinion bearings, races, pinion spacer and posi-lock nut.



Rear Covers

Aluminum rear axle covers are offered for popular Superlite and Winters quick changes. Rear cover kits include cover and bearings.

Part No.	Description
FRKKT0840B	Superlite Billet Rear Cover Kit, Thermal Coated
FRKKT0840M	Superlite Rear Cover Only
FRKKT0840MC	Superlite Rear Cover Only, Thermal Coated



Gleason Torsen Differential

Offered for quick change or Ford 9" rears, the Gleason Torsen differential offers exceptional traction to circle track racing applications.

Part No.	Description
FRKKT0100	Gleason Torsen Differential with Bearings and Shims, Quick Change
FRKQC0461	Gleason Torsen Differential, Ford 9"

Note: When installing a Gleason Torsen differential, note that the threaded ring gear bolts should not protrude more than one thread through the ring gear. Frankland originals must use a single-row pinion support bearing (FRKQC0170) for clearance purposes.



Grand National Hub Kit FRKGN210-K

Kit includes steel Grand National hub, bearings, and seals.

Part No.	Description
Related/Replacement Components	
FRKGN0060	Snout Nut, Right
FRKGN0070	Snout Nut, Left
FRKGN0110	Hub Seal





Pro Cell Racing Cells

Tough, durable cell's ballistic nylon bladder is covered with fuel-resistant coating and filled with foam baffling. A steel container, aircraft nut ring, dual -8AN pick-up, internal strainer, and 6" x 10" fill plate with 2-1/2" threaded cap and rollover valve are standard. Approved for NASCAR, FIA, SCCA, SCORE, and others. For gasoline only.

Part No.	Volume	Length	Width	Height
FUEPC110	10 Gal.	25-5/8"	10-1/8"	10-1/8"
FUEPC115	15 Gal.	26"	17-7/8"	9-1/2"



Sportsman Racing Cells

Approved by ACT, ALMS, DIRT, FIA, and SCCA, cell has steel container, foam baffling, aircraft nut ring, dual -8AN pick-up, 6" x 10" fill plate with 2-1/2" threaded cap and rollover valve, and internal strainer. Double-coated nylon bladder is covered by a 3-year warranty. For gasoline only.

Part No.	Volume	Length	Width	Height
FUESM117	17 Gal.	20-1/8"	17-1/8"	12-3/4"
FUESM118B	18 Gal.	33-1/2"	20"	6-1/2"



Race Safe Racing Cells



FUERS122B



FUERS222B

Ideal for hobby stock, vintage, and road course. Available with or without steel container. Cell has formulated polymer bladder, full foam baffling, standard fill plate with 2-1/2" threaded cap and rollover valve, internal fuel strainer, and dual, -8AN fuel pick-up. Compatible with alcohol if foam is removed.

Part No.	Volume	Length	Width	Height
Racing Bladders Only				
FUERS122B	22 Gal.	24-3/4"	16-5/8"	13-5/16"
Racing Bladders with Steel Containers				
FUERS208	8 Gal.	20-3/4"	16"	7-3/4"
FUERS212	12 Gal.	20-3/4"	17-7/8"	9-1/2"
FUERS215	15 Gal.	26"	17-7/8"	9-1/2"
FUERS222A	22 Gal.	34-5/8"	18-1/8"	9-1/2"
FUERS222B	22 Gal.	25-1/2"	17-1/8"	13-3/4"

Enduro Racing Cells

Cell includes steel container, FIA-FT3, DIRT, and SCCA-approved polymer bladder, full foam baffling, standard fill plate with 2-1/2" threaded cap and roll-over valve, internal fuel strainer and dual, -8AN fuel pick-up. Bladder is covered by a 2-year warranty. Compatible with alcohol if foam is removed.

Part No.	Volume	Length	Width	Height
FUEED105	5 Gal.	13-5/8"	13-5/8"	8-3/8"
FUEED108	8 Gal.	20-3/4"	16"	7-3/4"
FUEED112	12 Gal.	20-3/4"	17-7/8"	9-1/2"
FUEED115	15 Gal.	26"	17-7/8"	9-1/2"
FUEED122B	22 Gal.	25-1/2"	17-1/8"	13-3/4"



Dirt Late Model/Modified Racing Cells

Specialized Dirt Late Model/Modified fuel cells combine the benefits of safety, performance, and affordability. Fully assembled cells incorporate an Enduro molded bladder, black powder-coated 20-gauge steel container, lightweight aluminum fill plate with threaded aluminum fill cap, dipstick, -6AN rollover vent valve, -8AN fuel return, -10AN pickup with top outlet, and hardware. Purchase mounting straps separately.



FUEDST117

Part No.	Volume	Length	Width	Height	Fuel Cell Foam
FUEDST115*	15 Gal.	20.25"	20"	14"	Included
FUEDST117*	17 Gal.	23.5"	20"	14"	Included
FUEDST122*	22 Gal.	17.12"	25.50"	13.75"	Included
FUEDST128*	28 Gal.	23.5"	20"	20"	Included

* Meets stringent FIA-FT3 specifications and conforms to all major sanctioning body's rules.

Related Components

Part No.	Description
FUE17DM-SB	Mounting Straps for FUEDS117-T, FUEDS122-T or FUEDS128-T
FUE28DLM-ST	Mounting Straps for FUEDST122 & FUEDST128
FUEFBDST128	Foam Baffling for FUEDST128
FUEFLS	Fuel Level Indicator Stick, 36" Long



FUE17DM-SB

Fuel Cell Accessories

Powder Coated Steel Containers

Part No.	Description
FUESC115	Fits PC115/SM115 Bladders
FUESC122A	Fits PC122A/SM122A Bladders



Roll Over Valve FUERV38

In-line rollover/vent valve fits 3/8" hose.



Check Valves

Valves act as a vent and offer positive shut-off in the event of a roll-over.

Part No.	Description
FUEILV08	-8AN/1/2" In-Line Vent/Check Valve, Mounts In-Line
FUEITV08S	-8AN/1/2" In-Tank Vent/Check Valve, Mounts in Fill Plate



Discriminator Valves

Discriminates between gas and air.

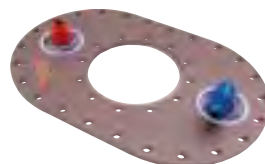
Part No.	Description
FUEDV100	1" Discriminator Valve with -12AN Fittings, External Mount
FUEITDV08	-8AN In-Tank Discriminator Valve, Bulkhead/Plate Mount



Multi Location 6" x 10" Fill Plates

Plates are for use with fill valves (below).

Part No.	Description
FUEML6X10A	1/2" (-8) Pickup and 1/2" Vent Check Valve





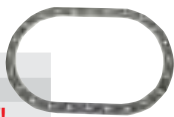
Remote 2-1/4" 45° Fill Valve FUEFV245A

Remote fill valve fits 6" x 10" fill plates (above).



Gaskets

Part No.	Description
FUE1GAS01	Gasket for FUEFC240 Filler Cap NEW!
FUE1GAS07	10-Bolt Round Gasket, 3.125" B.C.
FUE1GAS75	6-Bolt Round Gasket, 2-15/16" B.C. NEW!
FUE1GAS78	12-Bolt Round Gasket, 4-3/4" B.C.
FUE1GAS79	12-Bolt Round Gasket, 5-3/8" B.C.
FUE1GAS97	24-Bolt Oval Gasket, 6" x 10", Base of Multi-Plate
FUE1GAS98	12-Bolt Oval Gasket, 4" x 6", Sprint Top Plate



Filler Caps

Part No.	Description
FUEFC225	2-1/4" Filler Cap, Non-Vented
FUEFC250C	2-1/2" Filler Cap, Non-Vented



Fuel Pickup Kits

Kits contain 2' of hose, hose barb, filter, and bulkhead fitting.

Part No.	Description
FUEFP180	3/8" Hose, -6AN Fitting
FUEFP181	1/2" Hose, -8AN Fitting
FUEFP182	5/8" Hose, -10AN Fitting, No Filter



Surge Tanks

Check valve traps all usable fuel and lessens the chance of fuel starvation.

Part No.	Description
FUEST100-8	Surge Tank with-8 Fitting
FUECV100	1" Surge Tank Check Valve



Top Outlet Conversion Kits for Late Model Cells

Engineered specifically to meet current Late Model rule changes requiring a top fuel cell outlet, kits include all of the necessary components to convert existing Fuel Safe Late Model 15, 17, 22, and 28-gallon cells from a side- to a top-outlet configuration. Kits are available for cells with 4" x 6" or 6" x 10" top plates.

Part No.	Description
FUETOC-4X6-28C	28 Gal., 4" x 6" Plate
FUETOC-6X10-28	28 Gal., 6" x 10" Plate
FUETOC-6X10-22	22 Gal., 6" x 10" Plate



1 Gallon Fuel Displacement Block FUEDB100

Block is 6" x 6" x 6" in size and displaces 1 gallon of fuel.



Fuel Dipstick FUEFL-08

Check fuel level with a twist of the nut.



Recessed Fender Filler FUERFF225

2-1/4" recessed remote fender filler makes it easier to mount in fender or deck of car.



Refueling Vent Bottle FUEDC006

Five-gallon (20L) capacity bottle may be used for filling or to catch vent overflow.



GF125 Racing Suits

Single-layer GF125 has a bright, semi-gloss finish, straight, black epaulets and meets SFI 3.2A/1 specifications. Pyrovatex fabric gives the GF125 a TPP (Thermal Protective Performance) rating close to 10. The SFI tag is on the left arm cuff for easy tech inspection. Choice of black, red, or blue. Offered in one- or two-piece (jacket and pants).



Color	Small	Medium	Large	X-Large	XX-Large
One-Piece Suits					
Black	GFR4125SMLBK	GFR4125MEDBK	GFR4125LRGBK	GFR4125XLGBK	GFR4125XXLBK
Two-Piece Suits (Jacket and Pants)					
Jacket					
Black	GFR4126SMLBK	GFR4126MEDBK	GFR4126LRGBK	GFR4126XLGBK	GFR4126XXLBK
Pants					
Black	GFR4127SMLBK	GFR4127MEDBK	GFR4127LRGBK	GFR4127XLGBK	GFR4127XXLBK

G5 Racing Gloves

Lightweight, flexible gloves are sewn from quality Nomex and leather. Gloves include reinforced leather palms and knuckle pads, adjustable Velcro wrist closures, and meet SFI 3.3/5 specifications. Available in black only.

Size	Black
Child Medium	GFR4101CMDBK
XX-Small	GFR4101XSMBK
X-Small	GFR4101XSMBK
XX-Large	GFR4101LRGBK
X-Large	GFR4101XXLBK



GF235 RaceGrip Mid-Top Racing Shoes

High-quality suede leather racing shoe has an exclusive rubber RaceGrip sole for exceptional pedal feel. The CoolTec liner and RaceGrip inner sole and arch support deliver extra comfort. Offered in black, blue, or red in sizes 3-13.

Size	Black	Size	Black
3	GFR0235030BK	9	GFR0235090BK
5	GFR0235050BK	9-1/2	GFR0235095BK
6	GFR0235060BK	10	GFR0235100BK
6-1/2	GFR0235065BK	10-1/2	GFR0235105BK
7	GFR0235070BK	11	GFR0235110BK
7-1/2	GFR0235075BK	11-1/2	GFR0235115BK
8	GFR0235080BK	12	GFR0235120BK
8-1/2	GFR0235085BK	13	GFR0235130BK





G-Force Helmets

A complete line of revolutionary, lightweight helmets that incorporate mounting points for the Hans® Device and, unless otherwise noted, meet Snell SA2015 and SFI 31.1A open face or 31.2A full face specs. See the size chart at the bottom of page for proper helmet selection.

Rift **NEW!**

Entry-level helmet is lightweight, affordable, and includes has an exceptional field of vision. Offering superior driver comfort, the Rift includes a Kevlar chin strap, polycarbonate shield and M6 head-and-neck restraint anchors. Meets Snell SA2020 standards. Offered in matte black or white.



Size	Matte Black	White
X-Small	GFR13010XSMMB	GFR13010XSMLWH
Small	GFR13010SMLMB	GFR13010SMLWH
Medium	GFR13010MEDMB	GFR13010MEDWH
Large	GFR13010LRGMB	GFR13010LRGWH
X-Large	GFR13010XLGMB	GFR13010XLGWH
XX-Large	GFR13010XXLMB	GFR13010XXLWH

Rift Carbon **NEW!**

Based on the entry level Rift but with a super-lightweight Carbon composite construction shell. Rift Carbon features a unique, eye-catching hex-pattern carbon design. Helmet includes a Kevlar chin strap, polycarbonate shield and M6 head-and-neck restraint anchors. Meets Snell SA 2020 standards. Offered in natural carbon fiber finish only.



Size	Part No.
Small	GFR13014SMLBK
Medium	GFR13014MEDBK
Large	GFR13014LRGBK
X-Large	GFR13014XLGBK
XX-Large	GFR13014XXLBK

Nova **NEW!**

Designed for racers desiring the feel of an open face helmet, the Nova offers superior vision and comfort. Includes a Kevlar chin strap and M6 head-and-neck restraint anchors. Meets stringent Snell SA2020 specifications. Offered in white only.



Size	Part No.
Small	GFR16002SMLWH
Medium	GFR16002MEDWH
Large	GFR16002LRGWH
X-Large	GFR16002XLGWH
XX-Large	GFR16002XXLWH

Nova Full Face **NEW!**

Similar in design to the top-of-the-line SuperNova but with an cost-effective composite shell. Large eyepoint offers an exceptional field of vision. Meeting Snell SA2020 standards, helmet includes a Kevlar chin strap, polycarbonate shield, and M6 threaded head-and-neck restraint anchors. Offered in matte black or white.



Size	Matte Black	White
Small	GFR16004SMLMB	GFR16004SMLWH
Medium	GFR16004MEDMB	GFR16004MEDWH
Large	GFR16004LRGMB	GFR16004LRGWH
X-Large	GFR16004XLGMB	GFR16004XLGWH
XX-Large	GFR16004XXLMB	GFR16004XXLWH

GF1

Classic open-face helmet has a lightweight fiberglass shell, CoolTec liner, and Kevlar chin strap. Adjustable visor has a tinted strip that provides sun and glare protection. Meets SFI 31.1A (open face) and Snell SA2020 specifications. Offered in black or white.



Size	Black	White
Small	GFR13002SMLBK	GFR13002SMLWH
Medium	GFR13002MEDBK	GFR13002MEDWH
Large	GFR13002LRGBK	GFR13002LRGWH
X-Large	GFR13002XLGBK	GFR13002XLGWH
XX-Large	GFR13002XXLBK	GFR13002XXLWH

Revo

Full-face helmet utilizes a strategically-reinforced composite shell that incorporates a modern, flame-resistant liner. Innovative Siphon 12 Ventilation Network delivers superior driver comfort while removable cheek pads provide a true, custom fit. Offered in black, matte black, or white, helmet meets Snell SA2020 specifications.



Size	Black	Matte Black	White
X-Small	—	GFR13004XSMMB	GFR13004XSMLWH
Small	GFR13004SMLBK	GFR13004SMLMB	GFR13004SMLWH
Medium	GFR13004MEDBK	GFR13004MEDMB	GFR13004MEDWH
Large	GFR13004LRGBK	GFR13004LRGMB	GFR13004LRGWH
X-Large	GFR13004XLGBK	GFR13004XLGMB	GFR13004XLGWH
XX-Large	GFR13004XXLBK	GFR13004XXLMB	GFR13004XXLWH

Revo Carbon

Utilizing a lightweight carbon composite shell, helmet includes a modern, flame-retardant interior to deliver exceptional comfort and safety. The Siphon 12 Ventilation Network offers superior air flow, while removable cheek pads provide a custom fit. Meets Snell SA2020 specifications. Offered in natural carbon fiber finish only.



Size	Part No.
Small	GFR13006SMLBK
Medium	GFR13006MEDBK
Large	GFR13006LRGBK
X-Large	GFR13006XLGBK
XX-Large	GFR13006XXLBK

Helmet Size Conversion Chart

Measurement	Size	Metric
20-1/2"	6-1/2 (XX-Small)	52
20-7/8"	6-5/8 (X-Small)	53
21-1/4"	6-3/4 (X-Small)	54
21-5/8"	6-7/8 (Small)	55
22"	7 (Small)	56
22-3/8"	7-1/8 (Medium)	57
22-3/4"	7-1/4 (Medium)	58
23-1/8"	7-3/8 (Large)	59
23-1/2"	7-1/2 (Large)	60
23-7/8"	7-5/8 (X-Large)	61
24-1/4"	7-3/4 (X-Large)	62
24-3/4"	7-7/8 (XX-Large)	63
25-1/8"	8 (XX-Large)	64

Helmet Shields

Model	Clear	Dk. Smoke	Mirror Lt. Smoke	Amber	Blue Mirror	Lt. Smoke
Rift R17	GFR8701	GFR8702	GFR8703	GFR8704	GFR8705	GFR8706



Latch-and-Link Harnesses

Harnesses are constructed from low-stretch, PolyTek comfort-coated webbing combined with 3" bolt-end hardware, rather than the traditional 2". Double-adjustable belts adjust at the normal points and at the mounting points to fit virtually any application. Sets include 3" lap and shoulder belts and 1.75" submarine belt. Harnesses meet stringent SFI 16.1 specifications, and are offered in black only.



Description	Black
Individual Shoulder Harness Sets	
5-Pt., Pull-Down	GFR6000BK
5-Pt., Pull-Up	GFR6100BK
6-Pt., Pull-Down	GFR6001BK
Individual Shoulder Harness Sets, Head-and-Neck Restraint-Compatible	
5-Pt., Pull-Down	GFR6600BK
V-Type Harness Sets	
5-Pt., Pull-Down	GFR6020BK
H-Type Harness Sets	
5-Pt., Pull-Down	GFR6030BK
Individual Shoulder Harness Sets - Junior Racer	
5 Pt., Pull-Up	GFR6460BK

Camlock Harnesses

Low-stretch, PolyTek comfort-coated webbing is combined with 3" bolt-in hardware and camlock mechanism with an ultra-lightweight magnesium case. A 1/4 turn will fasten or release the belts. Offered in 5-point, individual shoulder harness versions only with pull-down or pull-up lap belt. Harnesses meet SFI 16.1 specifications.



Description	Black
Individual Shoulder Harness Sets	
5-Pt. Pro Series, H-Shoulder, Pull-Down Lap	GFR7030BK
5-Pt. Pull-Down	GFR7000BK
5-Pt. Pull-Up	GFR7100BK
6-Pt., Pull-Down, FIA 8853-2016	GFR7620BK
6-Pt., Pull Up, FIA 8853-2016	GFR7621BK
U-Shoulder Harness Set	
5-Pt. Pro Series, Pull-Down Lap	GFR7140BK
Individual Shoulder Harness Sets, Head-and-Neck Restraint-Compatible	
6-Pt., Pull-Down, SFI 16.5	GFR7601BK
6-Pt., Pull-Up, FIA 8853-2016	GFR7622BK
6-Pt., Pull-Down, FIA 8853-2016	GFR7623BK

Note: Camlock harnesses may also be used as a wrap-around installation.

Anchor Hardware

Part No.	Description
GFR100H	Seat Belt Mounting Back-Up Plate, 4" x 4" x 1/8" Thick with 7/16" Hole NEW!
GFR103H	Floor Anchor, Bolt-In, 2" Belt Slot
GFR103W	Bolt End, 3" Slot, 1/2" Hole

Part No.	Description
GFR107H	Snap Hook, 2" Wide
GFR107W	Floor Anchor, Snap-In, 3" Belt Slot
GFR109H	1/2" Eye Bolt, 7/16"-20 Thread



GFR103W



GFR107H



GSO Steel Body Non-Bulb Non-Adjustable Shock Absorbers

Steel monotube non-adjustable gas shock absorbers are manufactured using carbo-nitrided alloy shafts and 48mm bores. Shocks are offered with or without Schrader valves. Schrader valve-equipped shocks are well suited to USMTS, UMP, and WISSOTA applications, while non-Schrader valve shocks are IMCA-legal.

Schrader Part No.	Non-Schrader Part No.	Extended Length	Comp. Length	Stroke	Comp. Damping	Rebound Damping
GENGSO73-5	GENGSN073-5	19-1/4"	12-3/4"	6-1/2"	3	5
GENGSO73-7	GENGSN073-7	19-1/4"	12-3/4"	6-1/2"	3	7
GENGS074	—	19-1/4"	12-3/4"	6-1/2"	4	4
GENGSO74-6	GENGSN074-6	19-1/4"	12-3/4"	6-1/2"	4	6
GENGS075	—	19-1/4"	12-3/4"	6-1/2"	5	5
GENGSO75-3	—	19-1/4"	12-3/4"	6-1/2"	5	3
GENGSO76-3	—	19-1/4"	12-3/4"	6-1/2"	6	3
GENGS093	—	23-1/4"	14-3/4"	8-1/2"	3	3
GENGSO93-5	—	23-1/4"	14-3/4"	8-1/2"	3	5
GENGS094	—	23-1/4"	14-3/4"	8-1/2"	4	4



GS1 Steel Body Bulb Non-Adjustable Shock Absorbers

Steel monotube gas shock absorbers use a non-adjustable design. Large gas reservoir increases the volume of gas the shock will hold, lowering the unwanted increase in rod pressure when the shaft is compressed. Shocks use carbo-nitrided alloy shafts and 48mm bores. Shocks are offered with or without Schrader valves. Schrader valve-equipped shocks are well suited to USMTS, UMP, and WISSOTA applications, while non-Schrader valve shocks are IMCA-legal.

Schrader Part No.	Non-Schrader Part No.	Extended Length	Comp. Length	Stroke	Comp. Damping	Rebound Damping
GENGS173-7	—	19-3/4"	12-3/4"	7"	3	7
GENGS174-6	GENGSN174-6	19-3/4"	12-3/4"	7"	4	6
GENGS174-8	GENGSN174-8	19-3/4"	12-3/4"	7"	4	8
GENGS175-3	—	19-3/4"	12-3/4"	7"	5	3
GENGS176-3	—	19-3/4"	12-3/4"	7"	6	3
GENGS194	—	23-3/4"	14-3/4"	9"	4	4
GENGS194-5	—	23-3/4"	14-3/4"	9"	4	5





Coil-Over Kits

Part No.	Description
Coil-Over Kits	
GEN3500	Big Body Coil-Over Kit, 2-1/2" Springs
GEN3600	Steel Shock Coil-Over Kit, 2-1/2" Springs
GEN3675	Steel Shock Coil-Over Kit, 5" O.D. Springs
Replacement Components	
GEN3001	"Twist-Seat" Cone, 2-1/2" Springs



Accessories

Part No.	Description
GEN3010	Aluminum 1" Shock Extension, Each
GEN3020	Aluminum 2" Shock Extension, Each
GEN3050	Aluminum Eye Ring with Bearing
GEN3705	Big Body Spring Connector Sleeve O.D., 2-1/2" Springs
GEN3711	Big Body Stop Nut Kit, 2-1/2" Springs
GEN3750	Bird Cage Shock Clevis
GEN3900	Gas Filler Tool with 0-160 PSI Gauge
GEN3990	Non-Schrader Valve Re-Charge Tool Kit
GEN4010	Steel 1" Shock Extension, M14
GEN4020	Steel 2" Shock Extension, M15
GEN4050	Steel Eye Ring with Bearing
GEN5250	Schrader Valve



Performance Series Steel Steering Wheels

Steel 3-spoke wheels feature black centers and thick, textured foam-cushioned grip. Standard mounting pattern.

Part No.	Description
GRT332	14-3/4" Dia. Steering Wheel, 4" Dish
GRT675	15" Dia. Steering Wheel, 3-1/8" Dish
GRT677	16" Dia. Steering Wheel, 3-1/8" Dish



Racing and Performance Steering Wheels

Lightweight aluminum, 13-3/4" diameter steering wheels are built for aggressive driving and feature an attractive three-spoke design.

Part No.	Description
GRT490	Contoured Polyethylene Grip/Silver Spokes, 1-1/2" Dish
GRT689	Contoured Polyethylene Grip/Black Spokes, 1-1/2" Dish
GRT690	Black Spokes/Diamond Texture with Red Top Marker, 3-1/2" Dish
GRT692	Black Spokes/Leather with Red Top Marker, 3-1/2" Dish
GRT694	Black Spokes/Suede Material with Grey Top Marker, 3-1/2" Dish



Performance Series Aluminum Steering Wheels

Performance Series wheels are fashioned from 6061-T6 aluminum and covered with thick, textured foam cushion grip for comfort. Available with natural or black anodized finished spokes, and with or without finger grips.

Part No.	Description
GRT600	13" Dia. Steering Wheel, Black Center, Flat NEW!
GRT601	15" Dia. Steering Wheel, Black Center, Flat NEW!
GRT602	16-1/2" Dia. Steering Wheel, Black Center, Flat NEW!
GRT654	15" Dia. Steering Wheel, Natural Center, 1-1/2" Dish
GRT655	15" Dia. Steering Wheel, Natural Center, 3-1/8" Dish
GRT660	13" Dia. Steering Wheel with Finger Grips, Natural Center, 1-1/2" Dish
GRT664	15" Dia. Steering Wheel with Finger Grips, Natural Center, 1-1/2" Dish
GRT665	15" Dia. Steering Wheel with Finger Grips, Natural Center, 3-1/8" Dish
GRT667	16-1/2" Dia. Steering Wheel with Finger Grips, Natural Center, 3-1/8" Dish



Suede Series Steering Wheels

Premium suede-wrapped, 13-3/4" diameter steering wheels include contoured grips and a top center marker for exceptional driver feel and comfort. Innovative "Full Hoop Design" provides increased strength.

Part No.	Description
GRT695	Black Spokes with Red Top Marker
GRT696	Black Spokes with Blue Top Marker
GRT697	Black Spokes with Yellow Top Marker
GRT699	Black Spokes with Orange Top Marker



D Series Steering Wheels

D-shaped steering wheels utilize contoured polyethylene grips and ultra suede-wrapped vertical spokes. Steering wheels are 13-3/4" diameter and have 1-1/2" dish.

Part No.	Description
GRT494	Clear Anodized with Grey Accent Spokes
GRT495	Clear Anodized with Red Accent Spokes
GRT496	Clear Anodized with Blue Accent Spokes
GRT497	Clear Anodized with Yellow Accent Spokes
GRT499	Clear Anodized with Orange Accent Spokes



Quick-Release Hubs for Ford Mustang Mini Stocks **NEW!**

Allowing quick removal and remount of steering wheels, quick-release hubs are constructed from aircraft-quality billet aluminum and meet stringent SFI 42.1 specifications. Precision CNC-machined for maximum reliability, hubs feature a "pinless" design.



Part No.	Description
GRT3005	1984-04 Ford Mustang, Accepts Grant 3-Bolt Steering Wheels
GRT3025	1984-04 Ford Mustang, Accepts Grant 5-Bolt Steering Wheels

Motorsports Harnesses **NEW!**

Universal fit motorsports harnesses combine comfort, convenience, and safety. Built-in Pro-Glide adjusters ease harness adjustment, while included harness pads add comfort, even when belts are cinched down tight. Five-point harnesses meet SFI specifications. Harnesses listed include individual shoulder belts and feature a bolt-in design. Black only.



Part No.	Description
GRT2100*	4-Point 2" x 2" Auto Buckle Harness
GRT2105	5-Point 2" x 2" Latch-and Link-Harness
GRT2115	5-Point 3" x 3" Latch-and Link-Harness

* Does NOT meet SFI specifications.



Aluminum Racing Radiators

Each Griffin radiator is die-formed, with heli-arc welded tanks and connections. An oven-bonded aluminum core provides efficient cooling with the lightest weight possible. Before shipping, radiators are pressure checked and tested to 22 PSI. Choose Pro or HP Series radiators.

HP (High-Performance) Series

Has a high-efficiency core, serpentine fins, and 1-1/4" in-line tubes to meet moderate to heavy cooling demands.



Part No.	Size	Outlets
1.25" Tubes, 2 Rows		
GRI155202X	24" x 19" x 3"	Chevy
GRI155222X	26" x 19" x 3"	Chevy
GRI155241X	27.5" x 16" x 3"	Chevy
GRI155242X	27.5" x 19" x 3"	Chevy
GRI155242XS*	27.5" x 19" x 3"	Chevy
GRI155272X	31" x 19" x 3"	Chevy
GRI156222X	26" x 19" x 3"	Ford
GRI156242X	27.5" x 19" x 3"	Ford
GRI156272X	31" x 19" x 3"	Ford
GRI158242X†	31" x 19" x 3"	Chevy

* Signifies radiator with straight bottom outlet; standard radiators outlets are angled up 10°. † Signifies double pass radiator.

Pro Series

Uses a standard core, serpentine fins, and in-line 1" tubes.



Part No.	Size	Outlets
1" Tubes, 2 Rows		
GRI125182X	22" x 19" x 3"	Chevy
GRI125201X	19" x 16" x 2-1/4"	Chevy
GRI125201XS*	19" x 16" x 2-1/4"	Chevy
GRI125202X	24" x 19" x 3"	Chevy
GRI125222X	26" x 19" x 3"	Chevy
GRI125241X	27.5" x 16" x 3"	Chevy
GRI125242X	27.5" x 19" x 3"	Chevy
GRI125272X	31" x 19" x 3"	Chevy
GRI126182X	22" x 19" x 3"	Ford
GRI126202X	24" x 19" x 3"	Ford
GRI126222X	26" x 19" x 3"	Ford
GRI126241X	27.5" x 16" x 3"	Ford
GRI126242X	27.5" x 19" x 3"	Ford
GRI126272X	31" x 19" x 3"	Ford

* Signifies radiator with straight bottom outlet. Standard "X" radiator outlets are angled up 10°.



NEW VENDOR



Grip Lock Ties

Rubber-lined, protective, and cushioning lock ties prevent wire and cable damage, and are truly reusable. GripLockTies do not move around, cut into wires, or scratch paint. Ties utilize a patented rubber lining that may be locked and unlocked for the perfect fit, and easily cut to length as desired. Offered in blue, orange, or red, in 8" or 12.35" overall lengths. Sold in packs of 15, 40, or 100.

Description	15-Pack	40-Pack	100-Pack
Blue, 8" O.A.L.	GLT2908BKBUHB15	GLT2908BKBUHB40	GLT2908BKBUHB100
Orange, 8" O.A.L.	GLT2908BKOGHB15	GLT2908BKOGHB40	GLT2908BKOGHB100
Red, 8" O.A.L.	GLT2908BKRDHB15	GLT2908BKRDHB40	GLT2908BKRDHB100
Blue, 12.35" O.A.L.	GLT2912BKBUHB15	GLT2912BKBUHB40	GLT2912BKBUHB100
Orange, 12.35" O.A.L.	GLT2912BKOGHB15	GLT2912BKOGHB40	GLT2912BKOGHB100
Red, 12.35" O.A.L.	GLT2912BKRDHB15	GLT2912BKRDHB40	GLT2912BKRDHB100

Non-Slip Tool Mats

Non-magnetic, anti-static 1" tall rubber tool mats are manufactured with a unique chemistry that prevents them from slipping or sliding on virtually any surface, while still allowing for easy removal. Grypmat may be bent, folded, or rolled, and will always return to its original shape. Available in several configurations/sizes in green or orange.



Part No.	Description
Orange Grypmats	
GRYRFGM-CR01S	Large Tool Mat, 12" x 22", (1) Large Area (4) Small Compartments
GRYRFGM-CR02S	Medium Tool Mat, 8" x 12", (1) Large Area for Tools and (2) Small Compartments
GRYRFGM-CR03S GRYRFGM-TP3	Small Tool Mat, 6" x 12", (6) Individual Compartments Trio Pack, One Each of All Three Sizes
Green Grypmats	
GRYGMPM	Medium Tool Mat, 9-1/2" x 7-1/2"
GRYGMP5	Small Tool Mat, 9" x 4-1/4"
GRYGMP2P	Duo Pack, (1) 9 x 4-1/4" and (1) 9-1/2" x 7-1/2"



HJC MOTORSPORTS

H70

Designed using advanced CAD technology, the H70 is constructed using a high-tech fiberglass composite shell that is fitted with an impact-absorbing multi-density EPS liner and flame-retardant interior. Offered in white or flat black, helmet meets Snell SA2020 specifications.



Size	White	Flat Black
X-Small	HJCH70WXS20	HJCH70BXS20
Small	HJCH70WS20	HJCH70BS20
Medium	HJCH70WM20	HJCH70BM20
Large	HJCH70WL20	HJCH70BL20
X-Large	HJCH70WXL20	HJCH70BXL20
XX-Large	HJCH70WXXL20	HJCH70BXXL20

H10 Carbon

Utilizing a carbon fiber composite weave shell, the H10 Carbon is lightweight, comfortable, and offers a superior fit. "ACS" (Advanced Channeling Ventilation System) provides exceptional front-to-back air flow, flushing heat and humidity out. Meets Snell SA2020 specifications. Sold complete with clear polycarbonate anti-fog shield. Offered in 2x2 twill weave carbon fiber pattern finish only.



Size	Part No.
Small	HJCH10CS20
Medium	HJCH10CM20
Large	HJCH10CL20
X-Large	HJCH10CXL20
XX-Large	HJCH10CXXL20

Replacement Helmet Shields



Shields are constructed from durable polycarbonate material and are designed to fit HJC AR10 III or HX10 III helmets.

Helmet Models	Amber	Clear	Dark Smoke	Black Chrome	Dark Blue
AR10 III/HX 10 III	HJC28AM	HJC28CL	HJC28DA	HJC28BC	HJC28DB

Rear Spoiler [HJC2CRS](#)

Optional clear spoiler improves aerodynamics of AR10 III helmets.



HPBooks

"How To..." Books

From carburetor tuning to complete engine rebuilds, HP has books for the novice or the seasoned professional. Every book is packed full of photos and illustrations.

Part No.	Description
HPPHP36	How to Rebuild Ford V-8 Engines, 160 pgs.
HPPHP89	How to Rebuild Small Block Ford Engines, 160 pgs.
HPPHP473	Holley 4150/4160 Carburetor Handbook, 80 pgs.
HPPHP511	Turbo Hydramatic 350 Transmission Handbook, 256 pgs.
HPPHP575	Sheet Metal Handbook, 144 pgs.
HPPHP709	Revised Metal Fabricator's Handbook, 176 pgs.
HPPHP1029	How to Rebuild Small Block Chevy Engines, 168 pgs.
HPPHP1052	Holley Carburetors, Manifolds and Fuel Injection, 192 pgs.
HPPHP1055	Chassis Engineering for High-Performance Cars, 160 pgs.
HPPHP1245	Engine Builders Handbook, 192 pgs.
HPPHP1355	Powerglide Transmission Handbook, 160 pgs.
HPPHP1400	Small Block Chevy Engine Buildups, 192 pgs.
HPPHP1492	Racing Engine Builder's Handbook, 192 pgs.
HPPHP1511	Dirt Track Chassis and Suspension, 192 pgs.
HPPHP1531	Ford Engine Buildups, 160 pgs.



[HPPHP1400](#)



[HPPHP709](#)

MAXOUT

Fire Extinguishers

Dry-chemical fire extinguishers deliver fire protection in an automotive environment. Rechargeable steel cylinders are manufactured in the U.S. and have all-metal valves and a 6-year warranty. Choose red, black, or chrome finishes.



Description	Red Part No.	Chrome Part No.	Black Part No.
1.0-lb. System, 2B:C Rated	H3RMX100R	H3RMX100C	—
2.5-lb. System, 1A:10B:C	H3RMX250R	H3RMX250C	H3RMX250B

HalGuard

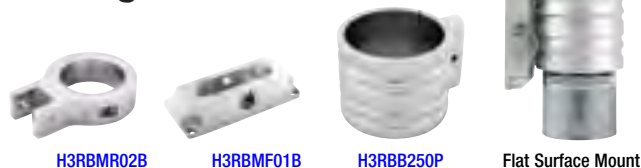
Fire Extinguishers

HalGuard extinguishers are filled with "clean" agent gas that not only combats fire, but leaves no residue. Ideal for race car protection, U.S. made units are offered in 1.4-, 2.5-, and 5-lb. versions. Choose from red, black, or chrome steel cylinders.



Description	Red Part No.	Chrome Part No.	Black Part No.
1.4-lb. System, 1B:C Rated	H3RHG100R	H3RHG100C	H3RHG100B
2.5-lb. System, 2B:C Rated	H3RHG250R	H3RHG250C	H3RHG250B
5-lb. System, 5B:C Rated	H3RHG500R	—	—

Quick-Release Mounting Accessories



Billet aluminum mounts provide quick, easy fire extinguisher access. Choose polished or brushed finish mounts.

Note: Band clamps and mounts must be used together. To order, select the proper diameter band clamp and choice of flat surface or roll bar mount.

Description	Polished	Brushed
Band Clamp, 1.0/1.4-lb. Bottle	H3RBB100P	H3RBB100B
Band Clamp, 2.5-lb. Bottle	H3RBB250P	H3RBB250B
Flat Surface Mount	H3RBMF01P	H3RBMF01B
1-5/8" Dia. Roll Bar Mount	H3RBMR01P	H3RBMR01B
1-3/4" Dia. Roll Bar Mount	H3RBMR02P	H3RBMR02B

Quick-Release Extreme-Duty Brackets

Extreme-duty, roll bar-mounted brackets listed are constructed from fiber-glass-reinforced nylon and meet MIL SPEC 10G, and can handle inertia loads in excess of 27G in all directions.

Part No.	Description
H3RNR302	Mounts 2.5-lb. Bottle to 1-3/4" Dia. Roll Bar
H3RNR402	Mounts 5-lb. Bottle to 1-3/4" Dia. Roll Bar



HVH

"Super Sucker" Carburetor Spacers

Dyno proven to add up to 31 horsepower and 26 ft.-lbs. of torque. Aluminum spacers will increase throttle response, improve carb signal, and insulate the carburetor from the manifold. Available in 1" or 2" tall and standard or lightweight versions for Holley 4150 4bbl. and 2300 2bbl. carburetors.



Description	Standard Part No.	Lightweight Part No.
4150 4bbl., 1/2" Tall Open Plenum Manifolds	HVHSS4150-.5AL	—
4150 4bbl., 1" Tall, Open Plenum Manifolds	HVHSS4150-1AL	HVHSS4150-1ALW
4150 4bbl., 2" Tall, Open Plenum Manifolds	HVHSS4150-2AL	HVHSS4150-2ALW
2300/4412 500 CFM 2bbl., 1" Tall, Open Plenum Manifolds	HVHSS4412-2AL	—
2300/4412 500 CFM 2bbl., 1" Tall, Sideways Mount 2-Hole Design	HVHSS4412-1SWAL	—

"Street Sweeper" Carburetor Spacer HVHST4150-4AL

Four-hole, 1" tall aluminum "Street Sweeper" carb spacer fits between carburetor and intake manifold to increase throttle response and insulate the carb. Designed for use with Edelbrock RPM Air Gap/Performer RPM, Brodix HV1016, or Dart Kool intake manifolds.



"Super Sucker" Carburetor Spacer for GM "604" Crate Engine HVHSS4150-604AL

Aluminum, 5/8" tall carburetor spacer is designed specifically for popular GM "604" crate engines. Spacer features a four-hole, tapered design that provides increased plenum volume, while also helping insulating the carburetor from the manifold. Accepts popular 4150-style, square-bore carburetors.





Front Lower Nova Control Arms

Brand new front lower control arms increase track width on 1978-88 GM "G" bodies (Chevy Malibu/Buick Regal/Olds Cutlass/Pontiac Grand Prix).



Part No.	Description
HRP4262	Nova Control Arm, LH
HRP4263	Nova Control Arm, RH

Note: Use on side indicated

MSD Box Mount HRP8360

.050" thick aluminum mount is drilled to accept an MSD ignition control and has quick-fastener flanges.



Nitrogen Bottle Holder HRP6060

Two-piece holder keeps bottle secure.



Fuel Funnel Wall Racks

Aluminum racks are used to conveniently store a "D"-shaped fuel funnel.



Part No.	Description
HRP6261	Original Square-Style Rack, Natural Finish
HRPHRP6260-WHT	Triangle-Style Rack, White Finish NEW!
HRPHRP6262-BLK	Hook-Style Rack, Black Finish NEW!
HRPHRP6262-WHT	Hook-Style Rack, White Finish NEW!

Tire Gauge Holder

Stores tire gauge in a convenient spot.

Part No.	Description
HRP6380	Small
HRP6383	Large



Header Rack

HRPHRP6700A-WHT

White powder-coated steel rack hugs the trailer wall and holds spare exhaust headers tightly. Accepts spread port, small block Chevy headers. Sold individually.



Wheel Cover Holder **NEW!**

HRPHRP6198-A-WHT

Convenient, wall mount unit is designed specifically for storing wheel covers. White, powder-coated aluminum fixture holds up to four wheel covers.



Grease Gun Holder **NEW!**

HRPHRP6298-WHT

White, powder-coated aluminum wall mount unit effectively stores grease gun.



Ratchet Strap Rack **NEW!**

HRPHRP6006-WHT

Large handle-style rack secures one pair of ratchet straps. Finished in white powder coat.



Ratchet Strap Holder

HRP6007

Keep ratchet straps organized with this 8" long strap holder. Holds two tie downs.



Broom Holders **NEW!**

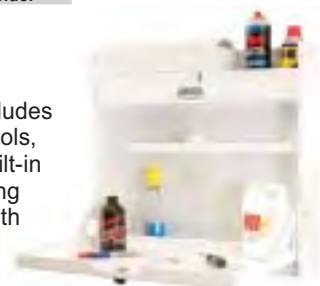
Keeps broom handy. White powder-coated finish.

Part No.	Description
HRPHRP6392-WHT	Large Push Broom Holder
HRPHRP6393-WHT	Small Broom Holder



Wall-Mount Work Station **NEW!**

Large, 23" x 23" wall cabinet includes plenty of storage for chemicals, tools, parts, etc., and also includes a built-in towel dispenser. Fold-down, locking door adds table space. Offered with black or white powder-coated finish.



Part No.	Description
HRPHRP6410-BLK	Wall-Mount Work Station, Black
HRPHRP6410-WHT	Wall-Mount Work Station, White

Quick Change Gear Storage Shelf **NEW!**

HRPHRP6518-WHT

Compact, white powder-coated aluminum shelf effectively stores up to 10 cases of quick-change gears.



Cordless Drill Holder **NEW!**

HRPHRP6395-BLK

Lightweight, black powder-coated unit secures most popular cordless drills.



Roll Towel Rack **NEW!**

HRPHRP6430-WHT

Keep paper shop towels handy. Manufactured from .090" thick, white powder coated aluminum, holder includes 1" dia. cross tube and easy clip pin.



Shock Absorber Wall Mounts

Store spare shock absorbers neatly, allowing quick access. Choose from two sizes in black or white powder-coated aluminum. Includes easy clip pins.



Part No.	Description
HRPHRP6522D-15-BLK	15" Long, Double Row Shock Rack, Holds 12 Shocks, Black
HRPHRP6524S-S20-WHT	20" Long, Single Row Shock Rack, Holds 8 Shocks, White



Pro Ultra

Pro Ultra device combines lightweight carbon fiber with a compact, modern design that allows easier entry and exit in smaller, tighter driver compartments. Pro Ultra uses 100% carbon fiber construction and a hollow core for further weight reduction. Meets SFI 38.1 specifications.



Description	Medium	Large
Pro Ultra, Post Anchor/Sliding Tether, SA/SAH Helmet	HANDK13235.32SFI	—
Pro Ultra, QuickClick/Sliding Tether, SA/SAH Helmet	HANDK13235.42SFI	HANDK13245.42SFI

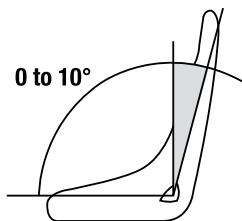
Hans® Sizing

Neck size is the starting point for Hans® sizing. These are merely guidelines, driver comfort is the deciding factor.

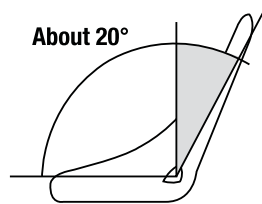
Size	Description
11"	
12"	Super Small
13"	
14"	
15"	Small
16"	
17"	Medium
18"	
19"	Large
20"	

Correct Fitment

The angle of the driver's chest when seated should match the angle of the Hans® Device. When correct, the Hans® rear collar will not interfere with the helmet or seat.



**Model 10°
Extreme Upright**



**Model 20°
Upright**

Replacement/Accessory Components

Part No.	Description
HANAK1132.12B	Helmet Post Anchors, Pro Model, Blue Anodized Aluminum
HANAK1142.2	Helmet QuickClick Anchors
HANK9010	Replacement Gel Padding Kit, Black
HANTK1131.3XS	Post Anchor Sliding Tether Kit, Extra-Short
HANTK1141.3	Sport 2 Sliding Tether Kit, Standard 18"
HANTK1231.4	Post Anchor Sliding Tether Kit, Standard 18"
HANTK1241.4	QuickClick Sliding Tether Kit, Standard 18"
HANTK1241.4S	QuickClick Sliding Tether Kit, Short 17"
HANTK1241.4XS	QuickClick Sliding Tether Kit, Extra-Short 16"
HANTU11421.3	Sport 2 QuickClick Sliding Tether Upgrade Kit, Standard 18"
HANTU14421.7	QuickClick Tether with Oval Sliding Hardware

Hans III - 20 Degree

Third-generation head and neck restraint features an all-new design with a hollow collar for reduced weight. Injection molded from a new polymer, the Hans III is the lightest, most comfortable head-and-neck restraint currently available. Meets stringent SFI 38.1 specifications.



Description	Medium	Large
Post Anchor/Sliding Tether	HANDK14237.321SFI	HANDK14247.321SFI
QuickClick/Sliding Tether	HANDK14237.421SFI	HANDK14247.421SFI
Post Anchor/Sliding Tether, No Anchors	HANDK14237.321FIA/SFI	HANDK14247.321FIA/SFI

Youth Models

Description	Youth
Post Anchor/Sliding Tether	HANDK16217.321SFI
QuickClick/Sliding Tether	HANDK16217.421SFI

Hans III - 30 Degree

NEW!

The Hans III - 30 Degree has all the great features of the Hans III - 20 Degree and is designed for laydown cars (30° layback). Available in medium and large sizes. Meets SFI 38.1 specifications and is FIA approved.

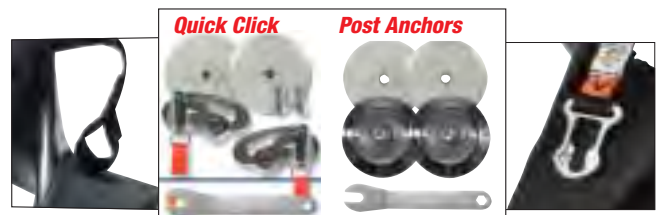


Description	Medium	Large
30° Lay Back, Post Anchor/Sliding Tether	HANDK18337.311SFI	HANDK18347.311SFI
30° Lay Back, Quick Click/Sliding Tether	HANDK18337.411SFI	HANDK18347.411SFI



BOBBY TAYLOR

ANDY NEWSOME





Water Jacket Filler

Hard Blok will strengthen an engine block and keep cylinder bores straighter and truer. A specially formulated, cement-based material combined with iron particles, Hard Blok has the same coefficient as cast iron so it will expand and contract at the same rate as the engine block. For circle track applications, fill to bottom of freeze plugs; usually a short fill will do this. Hard Blok cannot be removed after it has hardened.

Part No.	Description
HBL860212	Short Fill Unit (Two 6-1/4-lb. Bags)
HBL860228	Tall Fill Unit (Two 14-lb. Bags)



Racing Piston Rings

Hastings racing piston rings deliver race-winning performance in even the most extreme applications. Each set includes plasma moly, high-tensile cast iron top rings; reverse twist, taper-faced cast iron second rings, and choice of standard or low-tension Flex-Vent stainless steel oil control rings. Choose from standard or file-fit ring sets. Instructions for file fitting included.



File-Fit Piston Ring Sets

Part No.	Bore Size	Top Ring	Second Ring	Oil Ring	Oil Ring Tension
HAS2M5508005	4.000"	5/64"	5/64"	3/16"	Standard
HAS2M5523005	4.000"	1/16"	1/16"	3/16"	Standard
HAS2M5505005	4.000"	1/16"	1/16"	3/16"	Low
HAS2M5508035	4.030"	5/64"	5/64"	3/16"	Standard
HAS2M5521035	4.030"	1/16"	1/16"	1/8"	Standard
HAS2M5523035	4.030"	1/16"	1/16"	3/16"	Standard
HAS2M5505035	4.030"	1/16"	1/16"	3/16"	Low
HAS2M5538035	4.030"	1/16"	1/16"	3.0mm	Standard
HAS2M5508045	4.040"	5/64"	5/64"	3/16"	Standard
HAS2M5521045	4.040"	1/16"	1/16"	1/8"	Standard
HAS2M5523045	4.040"	1/16"	1/16"	3/16"	Standard
HAS2M5505045	4.040"	1/16"	1/16"	3/16"	Low
HAS2M5540045	4.040"	1.5mm	1.5mm	3.0mm	Standard
HAS2M5508065	4.060"	5/64"	5/64"	3/16"	Standard
HAS2M5521065	4.060"	1/16"	1/16"	1/8"	Standard
HAS2M5523065	4.060"	1/16"	1/16"	3/16"	Standard
HAS2M5505065	4.060"	1/16"	1/16"	3/16"	Low
HAS2M5525035	4.080"	1/16"	1/16"	3/16"	Standard
HAS2M5513005	4.125"	5/64"	5/64"	3/16"	Standard
HAS2M5529005	4.125"	1/16"	1/16"	3/16"	Standard
HAS2M5510005	4.125"	1/16"	1/16"	3/16"	Low
HAS2M5529025	4.145"	1/16"	1/16"	3/16"	Standard
HAS2M5510025	4.145"	1/16"	1/16"	3/16"	Low
HAS2M5513035	4.155"	5/64"	5/64"	3/16"	Standard
HAS2M5529035	4.155"	1/16"	1/16"	3/16"	Standard
HAS2M5510035	4.155"	1/16"	1/16"	3/16"	Low
HAS2M5529045	4.165"	1/16"	1/16"	3/16"	Standard
HAS2M5510045	4.165"	1/16"	1/16"	3/16"	Low
HAS2M5513065	4.185"	5/64"	5/64"	3/16"	Standard
HAS2M5529065	4.185"	1/16"	1/16"	3/16"	Standard

Standard Piston Ring Sets

Part No.	Bore Size	Top Ring	Second Ring	Oil Ring	Oil Ring Tension
HAS2M5527030	3.810"	1/16"	1/16"	3/16"	Standard
HAS2M5523	4.000"	1/16"	1/16"	3/16"	Standard
HAS2M5523030	4.030"	1/16"	1/16"	3/16"	Standard
HAS2M5538030	4.030"	1/16"	1/16"	3.0mm	Standard
HAS2M5523040	4.040"	1/16"	1/16"	3/16"	Standard
HAS2M5523060	4.060"	1/16"	1/16"	3/16"	Standard

Claimer Series Piston Rings

Affordable and designed to deliver exceptional performance, piston ring sets include choice of plasma moly or phosphate-coated cast iron top rings, reverse-twist cast iron second rings, and patented Flex-Vent, standard-tension oil control rings. Sold in eight-cylinder sets.

Part No.	Bore Size	Top Ring	Top Ring Type	Second Ring	Oil Ring
HASC5532	4.000"	1/16"	Plasma Moly	1/16"	3/16"
HASC5532	4.000"	1/16"	Phosphate Coated	1/16"	3/16"
HASC5521	4.000"	1/16"	Plasma Moly	1/16"	1/8"
HASC5532030	4.030"	1/16"	Plasma Moly	1/16"	3/16"
HASC5532030	4.030"	1/16"	Phosphate Coated	1/16"	3/16"
HASC5521030	4.030"	1/16"	Plasma Moly	1/16"	1/8"
HASC5540030	4.030"	1.5mm	Plasma Moly	1.5mm	3.0mm
HASC5532040	4.040"	1/16"	Plasma Moly	1/16"	3/16"
HASC5532040	4.040"	1/16"	Phosphate Coated	1/16"	3/16"
HASC5532060	4.060"	1/16"	Plasma Moly	1/16"	3/16"
HASC5532060	4.060"	1/16"	Phosphate Coated	1/16"	3/16"
HASC5521060	4.060"	1/16"	Plasma Moly	1/16"	1/8"
HASC5534030	4.155"	1/16"	Phosphate Coated	1/16"	3/16"
HASC5534030	4.155"	1/16"	Plasma Moly	1/16"	3/16"
HASC5501030	4.155"	1/16"	Plasma Moly	1/16"	1/8"
HASC5534040	4.165"	1/16"	Plasma Moly	1/16"	3/16"

HITACHI

The Enforcer Starter HITPSL100

Three-gear reduction-type model with custom-machined billet aluminum nose is available for popular Chevy applications using 153/168-tooth flywheels/flexplates. The Enforcer is the lightest (7.5 lbs.), most compact starter available. Starter has multiple clocking positions to locate the solenoid for best header/oil pan clearance. The 6:1 gear reduction offers ample power (1.4 HP) for cranking engines with up to 12:1 compression ratios.





Hawk brakes provide fade-free, longer lasting performance from start to finish. Ferro-carbon semi-metallic racing pads are burished with no break-in required, run up to 200°F cooler and provide instant response with no lag. Rotor-friendly pads also have a high coefficient of friction and low wear rate. Consistent, predictable performance lap after lap. Proven in NASCAR, Indy Car, SCCA, IMSA, and DIRT.

HAWK Pads are Available in Seven Compounds

HP Plus: Good low-temperature performance with much better resistance to brake squeal, dust, and rotor damage compared to full racing compounds. Recommended for dirt street stock and econo-modified applications.

Black: Excellent stopping force with very little fade. Provides good pad wear and is rotor-friendly. Recommended for all dirt applications as well as low-temperature asphalt.

Blue MT-4: Superior stopping power with no fade. Excellent wear and braking at high temperatures. Less rotor-friendly than the black compound. For heavy braking asphalt applications.

HT-10: A medium-to-high-torque compound with smooth initial bite. Excellent apply-and-release characteristics. Ideal for cars with extremely high deceleration rates and down force.

DTC-05: Smooth, predictable pads provide lower torque in the low to mid-temperature range and are ideal for dirt circle track.

DTC-30: Dirt track pad material. Unique driver controllability of brake torque allowing later and deeper brake use into the corners, while requiring less pedal effort and shorter pedal engagement times. Excellent release characteristics and requires no heat up or extensive bedding (break-in period).

DTC-50: Compound offers superior stopping power, high torque values and exceptional initial bite over a wide temperature range. Consistent and predictable, compound provides a very desirable pedal feel, quick-release characteristics, and superior modulation.

DTC-60: Less initial bite than DTC-70 with superior release and torque control. Recommended for use with DTC-70 when split between front and rear axle is desired. Ideal for cars with high deceleration rates.

DTC-70: For asphalt applications, extremely high torque with aggressive controllable initial bite. Superior release and torque-control characteristics. Brake pads designed for cars with high deceleration rates with or without down force.

Application	HP Plus Pads	Black Pads	HT-10 Pads	DTC-05 Pads	DTC-30 Pads	DTC-50 Pads	DTC-60 Pads	DTC-70 Pads
Alcon/AP Racing	—	—	—	—	—	—	—	HAWHB109U710
AP Caliper 4-Piston	HAWHB101N800	HAWHB101M800	HAWHB101S800	HAWHB101H800	HAWHB101W800	—	—	HAWHB101U800
AP Caliper 6-Piston	—	—	—	—	—	—	—	HAWHB102U800
Brembo	—	—	—	—	HAWHB605W625	—	—	—
Standard GM	HAWHB103N590	HAWHB103M590	HAWHB103S590	—	HAWHB103W590	HAWHB103U590	—	HAWHB103U590
Large GM	—	HAWHB131M595	—	—	—	—	—	HAWHB131U595
Metric GM	HAWHB119N594	HAWHB119M594	HAWHB119S594	—	HAWHB119W594	—	HAWHB119G594	HAWHB119U594
Outlaw 1000	—	HAWHB104M485	—	—	HAWHB104W485	—	—	—
Outlaw 2000	HAWHB100N480	HAWHB100M480	HAWHB100S480	—	HAWHB100W480	—	—	HAWHB100U480
Outlaw 3000/4000	HAWHB101N800	HAWHB101M800	HAWHB101S800	HAWHB101H800	HAWHB101W800	—	HAWHB101G800	HAWHB101U800
PFC ZR34	—	—	—	—	—	—	—	—
Sierra Single	—	HAWHB104M485	—	—	HAWHB104W485	—	—	—
Sierra XL	HAWHB101N800	HAWHB101M800	HAWHB101S800	HAWHB101H800	HAWHB101W800	—	—	HAWHB101U800
Wilwood Superlite	HAWHB101N800	HAWHB101M800	HAWHB101S800	HAWHB101H800	HAWHB101W800	—	—	HAWHB101U800
Wilwood Dynalite	HAWHB100N480	HAWHB100M480	HAWHB100S480	—	HAWHB100W480	—	HAWHB100G480	HAWHB100U480
Wilwood	—	HAWHB237M625	—	HAWHB237H625	HAWHB237W625	HAWHB237V625	—	HAWHB237U625
DL Bridgebolt	—	—	—	—	—	—	—	—
Wilwood DL Single	—	HAWHB104M485	—	—	HAWHB104W485	—	—	—
Wilwood SL Bridgebolt	—	HAWHB521M800	—	—	HAWHB521W800	HAWHB521V.800	HAWHB521G800	HAWHB521U800
Wilwood Forged	—	—	—	—	—	—	—	—
Billet Dynapro, Lug/Narrow Mt.	—	—	—	—	HAWHB542W600	—	HAWHB542G600	—

Street/Track Pads

A variety of compounds are available for popular street/track applications. Sold per axle set.

HAWHB522N565



Part No.	Application	Pad	Compound Characteristics
HAWHB148F560	1990-93 Mazda Miata, Front	HPS	Street/Track Usage, Wide Temp Range, Controlled Torque
HAWHB149E505	1994-05 Mazda Miata, Front	Blue 9012	Multi-Purpose, Low to Mid Temps, Low to Intermed. Torque
—	1994-05 Mazda Miata, Front	HPS	Street/Track Usage, Wide Temp Range, Controlled Torque
HAWHB149G505	1994-05 Mazda Miata, Front	DTC-60	High Temp./High Torque, Superior Pad/Rotor Wear
HAWHB149N505	1994-05 Mazda Miata, Front	HP Plus	Extremely High Friction, Autocross/Club Racing
HAWHB159E492	1994-05 Mazda Miata, Rear	Blue 9012	Multi-Purpose, Low to Mid Temps, Low to Intermed. Torque
HAWHB159F492	1994-05 Mazda Miata, Rear	HPS	Street/Track Usage, Wide Temp Range, Controlled Torque
HAWHB159G492	1994-05 Mazda Miata, Rear	DTC-60	High Temp./High Torque, Superior Pad/Rotor Wear
HAWHB159N492	1994-05 Mazda Miata, Rear	HP Plus	Street/Track Usage, Wide Temp Range, Controlled Torque
HAWHB159W.492	1994-05 Mazda Miata, Rear	DTC-30	Unique Driver Controllability, Allowing Later and Deeper Brake use
HAWHB442F496	2001-05 Mazda Miata, Rear	HPS	Street/Track Usage, Wide Temp Range, Controlled Torque
HAWHB522N565	2006-14 Mazda Miata, Front	HP Plus	Extremely High Friction, Autocross/Club Racing
HAWHB726Z.582	2015-18 Corvette/2016-17 Camaro SS, Front	HPS	Street/Track Usage, Wide Temp Range, Controlled Torque



DTC Brake Rotors

Engineered specifically for use with Hawk DTC (Dynamic Torque Control) brake pads, new rotors use an advanced design and improved metallurgy to deliver the perfect "matched set" for improved braking and longer pad life. Directional rotors are RMS-finished and feature exclusive, multi-pass progressive slots for increased bite and release, and improved debris removal.



Part No.	Dia.	Width	Bolt Circle	Hole Size	Slots	Vanes	LH/RH
HAWHR8000L	11.75"	1.25"	8 x 7.00"	5/16"	Yes	40 Directional	LH
HAWHR8000R	11.75"	1.25"	8 x 7.00"	5/16"	Yes	40 Directional	RH
HAWHR8003L	11.75"	.810"	8 x 7.00"	5/16"	Yes	30 Directional	LH
HAWHR8003R	11.75"	.810"	8 x 7.00"	5/16"	Yes	30 Directional	RH

Talon Brake Rotors for Late Model Mustang **NEW!**

High-performance Talon brake rotors feature a proprietary slot design that cleans pads and helps increase braking force. Rotors are additionally cross-drilled to dissipate and expel heat, minimizing brake fade, and are finished with Magni coating for superior corrosion resistance. Sold per pair.



Part No.	Description
HAWHTC4049	2012-14 Ford Mustang V6, Front
HAWHTC4051	2013-14 Ford Mustang, Rear
HAWHTC4058	2011-14 Ford Mustang V8, Front
HAWHTC5383	2016-19 Ford Mustang GT/V8, Front
HAWHTC5385	2017-18 Ford Mustang, Rear
HAWHTC5386	2016-18 Ford Mustang 4 Cyl./V6, Front
HAWHTC5387	2016-18 Ford Mustang 4 Cyl./V6, Rear



High Performance Brake Fluid **NEW!** HAWHP520

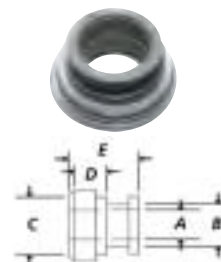
Engineered for high-performance street applications, fluid has a minimum dry boiling point of 500°F and exceeds DOT 4 specifications. Sold in a 500 ml bottle.



High-Performance Throwout Bearings

Developed to withstand high spring pressures. All throwout bearings have a heat-treated, Blanchard-ground bearing face and collar.

Part No.	Application	Dimensions				
		A	B	C	D	E
HAY70-101	GM	1.375"	1.623"	2.607"	.714"	1.254"
HAY70-104	GM	1.375"	1.624"	2.929"	.901"	1.444"
HAY70-115	Ford, Except 1979-91 Mustang 5.0L	1.436"	1.663"	2.853"	.870"	1.230"



5-Point Latch-and-Link Harness Assembly with Ratchet Adjust

Unique five-point latch-and-link harness system features a compact ratchet adjuster at the end of the lap belt that allows the driver to easily tighten the harness further after the belts have been snugged up. Tension springs and release pull tabs are used on adjusters for security and ease of use. Harnesses may be used as wrap-around or bolt-in and are sold complete with mounting hardware. Ratchet-adjust end of lap belt is bolt-in only. Harnesses with upside-down ratchet adjuster are designed for applications where the driver's side lap belt mount is located further away from the seat, such as dirt late model applications. HANS-compatible harnesses are also available. Offered in black only.

Part No.	Description
HRH51000	5-Pt. Harness, Ratchet Adjust
HRH51010	5-Pt. Harness, Ratchet Adjust with Aluminum Adjusters
HRH51100	5-Pt. Harness, Ratchet Adjust, HANS
HRH51110	5-Pt. Harness, Ratchet Adjust with Aluminum Adjusters, HANS
HRH52000	5-Pt. Harness, Upside-Down Ratchet Adjust (Ratchet Toward Rear)
HRH52100	5-Pt. Harness, Upside-Down Ratchet Adjust (Ratchet Toward Rear), HANS
HRH52110	5-Pt. Harness, Upside-Down Ratchet Adjust w/Aluminum Adjusters, HANS
HRH53000	5-Pt. Harness, Upside-Down Ratchet Adjust (Ratchet Toward Front)
HRH53100	5-Pt. Harness, Upside-Down Ratchet Adjust (Ratchet Toward Front), HANS

Note: All HANS-compatible shoulder harnesses are 2" wide; all others are 3" wide.



Compact Ratchet Adjuster

HRH51010



HRH51100



RECOMMENDED HARNESSES BY CHASSIS BUILDER

51 Series	52 Series	53 Series
GRT	Rocket	Longhorn
	Club 29	
	Black Diamond	
	Victory	
	Capital	



Performance Model 2300 2bbl Carburetors

Holley 2300 Series Carburetors are available in 350 or 500 CFM versions with manual chokes, center-hung float bowls and universal throttle levers. Check sanctioning body's rule book and refer to the Holley performance catalog or call for help in selecting the proper carburetor.



Part No.	Description
HLYO-7448	350 CFM 2bbl.
HLYO-7448SA	350 CFM 2bbl., Shiny/Aluminum NEW!
HLYO-4412C	500 CFM 2bbl.
HLYO-4412CT	500 CFM 2bbl., Circle Track Specific, No Choke Mechanism
HLYO-4412SA	500 CFM 2bbl., Shiny/Aluminum NEW!

Keith Dorton Signature Series 2bbl Carburetors

World-renowned engine builder Keith Dorton uses his technical expertise to build race-ready circle track racing carburetors. All choke provisions have been deleted for maximum air flow. Carbs have power valve blow-out protection, welded throttle lever assemblies, screw-in type air bleeds, HP metering blocks, low-profile throttle plate screws, "straight-type" accelerator pump nozzles, 30cc accelerator pumps with durable GFLT diaphragms, and large, 5/16" air cleaner mounting studs.



Part No.	Description
HLYO-80787-1	350 CFM 2bbl.
HLYO-80583-1	500 CFM 2bbl.

Aluminum Ultra XP 500 CFM 2bbl Carburetors

All-aluminum carburetors deliver nearly 50% weight savings compared to traditional units. Carburetors include deleted choke tower, down-leg boosters, 20% more fuel bowl capacity, clear-view sight windows, 30cc accelerator pump and centered air cleaner flange. Choose from gasoline or E85 calibrated carburetors with tumble-polished finish or hard-core gray finish, both with black metering block and base plate.



Part No.	Description
HLYO-4412BKX	500 CFM 2bbl. Carburetor, Tumble Polished
HLYO-4412EX	500 CFM 2bbl. E85 Carburetor, Hard-Core Gray
HLYO-4412HBX	500 CFM 2bbl. Carburetor, Hard-Core Gray

Competition 4150 Carburetors

Holley Competition 4150 Series carbs are built for maximum performance. Primary and secondary sides use metering blocks with replaceable main jets, and carbs have no chokes. Equipped with mechanical secondaries and annular boosters.



Part No.	Description	Primary Acc. Pump	Secondary Acc. Pump	Idle System
HLYO-9379	750 CFM Gas	30cc	30cc	Four-Corner
HLYO-9381	830 CFM Gas	30cc	30cc	Four-Corner
HLYO-9380	850 CFM Gas	30cc	50cc	Four-Corner

4150 HP Carburetors

Holley Pro-Series HP Carburetors set the standards by which all competition carbs are judged. Built for all-out performance, Pro-Series 4150 Carburetors have mechanical secondaries and perform like the more expensive "modified" carburetors at a considerably lower cost. Air horn and choke towers have been removed to improve air flow, venturi sections have been modified, and the through-holes have been machined to .440". Pro-Series carbs have been fitted with 4500 Dominator fuel bowls, high-flow power valves, accelerator pumps equipped with severe usage diaphragms, and have improved main metering circuitry.



Part No.	Description	Primary Acc. Pump	Secondary Acc. Pump	Idle System	Boosters
HLYO-80507-1*	390 CFM Gas	30cc	30cc	4-Corner	Straight-Leg
HLYO-80540-1	600 CFM Gas	30cc	30cc	4-Corner	Straight-Leg
HLYO-80541-1	650 CFM Gas	30cc	30cc	4-Corner	Straight Leg
HLYO-80528-1	750 CFM Gas	30cc	30cc	4-Corner	Down Leg
HLYO-80535-1	750 CFM Meth.	50cc	50cc	4-Corner	Down Leg
HLYO-80509-1*	830 CFM Gas	30cc	30cc	4-Corner	Down Leg
HLYO-80511-1*	830 CFM Gas	30cc	30cc	4-Corner	Annular
HLYO-80496-1	950 CFM Gas	30cc	30cc	4-Corner	Down Leg
HLYO-80498-1	950 CFM Meth.	50cc	50cc	4-Corner	Down Leg

* NASCAR approved

Aluminum Ultra XP 4150 Carburetors

Competition-proven, all-aluminum carburetors are 4.5 lbs. lighter than traditional units. Gasoline 4bbl. carburetors include mechanical secondaries, dual 30cc accelerator pumps, 20% more fuel bowl capacity, clear-view sight windows, four-corner idle system, and adjustable secondary link that allows 1:1 or progressive throttle activation. All carburetors feature hard-core gray finish with black anodized metering blocks and booster inserts.



Part No.	Description
HLYO-80802HBX	650 CFM Carburetor
HLYO-80803HBX	750 CFM Carburetor
HLYO-80804HBX	850 CFM Carburetor

Aluminum Ultra XP 4150 Methanol Carburetors

Ideal for late models, 4150 methanol carburetors use light-weight aluminum construction to offer 4.5 lbs. in weight savings. Carburetor incorporates PT-FE-coated throttle shafts, dual 50cc accelerator pumps, 20% more fuel bowl capacity, clear-view sight windows, four-corner idle system, and .150" stainless needle and seat assemblies. Hard-core gray finish with black anodized metering blocks and booster inserts.

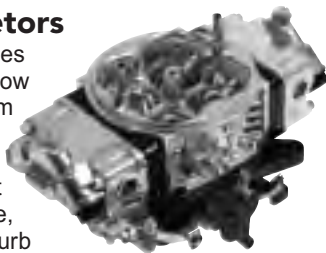


Part No.	Description
HLYO-80833HBX	750 CFM 4bbl. Carburetor NEW!
HLYO-80835HBX	950 CFM 4bbl. Carburetor



Track Warrior Carburetors

Designed for lightweight vehicles with manual transmissions and low gearing. These all-new aluminum carburetors utilize the best features from Holley's classic 4150 HP™ carbs, then add billet metering blocks, billet base plate, and knurled (hand-adjustable) curb idle screws. The all-aluminum construction weighs 40% less than previous models. Black billet metering blocks feature improved durability over cast blocks, fully adjustable emulsion bleeds, power valve channel restrictors, and idle feed restrictors. Contoured aluminum main body incorporates screw in air bleeds for precision tuning capabilities.



Part No.	Description
HLY0-67199BK	650 CFM, Black Metering Blocks
HLY0-67200BK	750 CFM, Black Metering Blocks

Aluminum Ultra XP 4150 Circle Track Carburetors

Mechanical secondary, 4150 4bbl. carburetors are specifically calibrated for circle track racing. Lightweight aluminum construction provides 4.5 lbs. in weight savings. Carburetors include PTFE-coated throttle shafts, dual 30cc accelerator pumps, 20% more fuel bowl capacity, clear-view sight windows, four-corner idle system, and 1:1 throttle activation. Choose from carburetors with shiny finish with black metering blocks and base plate, or hard-core gray finish with black metering blocks and booster inserts.



Part No.	Description
HLY0-80812BKX	650 CFM Carburetor, Shiny Finish
HLY0-80812HBX	650 CFM Carburetor, Hard-Core Gray
HLY0-80813BKX	750 CFM Carburetor, Shiny Finish
HLY0-80813HBX	750 CFM Carburetor, Hard-Core Gray

Renew Kits

Kits include complete carburetor gasket and seal set and instructions.



Part No.	Fits These Carburetor Models				
4150 Models including					
HLY37-485	0-4295	0-4296	0-4493	0-4559	0-4776-1
	0-4776-2	0-4776-3	0-4776-4	0-4777	0-4777-1
	0-4777-2	0-4777-3	0-4777-4	0-4778	0-4778-1
	0-4778-2	0-4778-3	0-4778-4	0-4779	0-4779-1
	0-4779-2	0-4779-3	0-4779-4	0-4779-5	0-4780
	0-4780-1	0-4780-2	0-4780-3	0-4780-4	0-4781
	0-4781-1	0-4781-2	0-4781-3	0-4781-4	0-4788
	0-4788-1	0-4830	0-6109	0-8156	0-8162
	0-8804	0-9379	0-9380	0-9381	0-80776
	0-80777	0-80778	0-80779	0-80780	0-80781
4150HP Models including					
HLY37-1539	0-7320-1	0-8082-1	0-8896	0-9375-1	0-9377-1
	0-9645	0-9646	0-80186-1	0-80496-1	0-80498-1
	0-80513-1	0-80514-1	0-80528-1	0-80529-1	0-80532-1
	0-80533-1	0-80535-1	0-80541-1	0-80542-1	0-80556-1

Trick Kit

Kit includes the same gaskets and seal set as the Renew Kits, with extra performance tuning parts.



Part No.	Fits These Carburetor Models				
4150HP					
HLY37-933	0-4295	0-4296	0-4493	0-4559	0-4776-1
	0-4776-2	0-4776-3	0-4776-4	0-4777	0-4777-1
	0-4777-2	0-4777-3	0-4777-4	0-4778	0-4778-1
	0-4778-2	0-4778-3	0-4778-4	0-4779	0-4779-1
	0-4779-2	0-4779-3	0-4779-4	0-4779-5	0-4780
	0-4780-1	0-4780-2	0-4780-3	0-4780-4	0-4781
	0-4781-1	0-4781-2	0-4781-3	0-4781-4	0-4788
	0-4788-1	0-4830	0-6109	0-8156	0-8162
	0-8804	0-9379	0-9380	0-9381	0-80776
	0-80777	0-80778	0-80779	0-80780	0-80781
	0-7320-1	0-8082-1	0-8896	0-9375-1	0-9377-1
	0-9645	0-9646	0-80186-1	0-80496-1	0-80498-1
	0-80513-1	0-80514-1	0-80528-1	0-80529-1	0-80532-1
	0-80533-1	0-80535-1	0-80541-1	0-80542-1	0-80556-1

Fast Kits

The economical way to rebuild any Holley carb. Include fuel bowl gaskets, metering block gaskets, base gasket, throttle body gasket, accelerator pump diaphragms, needle and seats, power valves, bowl screw gaskets, and instructions.

Part No.	Description
HLY37-1543	Model 2300 2bbl.
HLY37-1544	Model 4150 Double Pumper
HLY37-1546	Model 4150 HP Double Pumper
HLY37-1550	Model 2300 2bbl Ultra XP NEW!



Fuel Bowl and Metering Block Gaskets

Gaskets to keep on hand for jet changes in the pits. Two per pack.



Part No.	Description
Gasket Assortment Kit	
HLY108-200	Includes (2) HLY108-83 Fuel Bowl Gaskets and (2) HLY108-89 Metering Block Gaskets
Fuel Bowl Gaskets	
HLY108-83-2	Blue Non-Stick for 2300, 4150/4160 and 4500 2-Circuit Carbs
HLY108-92-2	Blue Non-Stick for 4165, Some 4150/4160 Primary Side and 2300
HLY108-120	Blue Non-Stick for 4150/4160
Metering Block Gaskets	
HLY108-89-2*	Blue Non-Stick, Most 4150's, Some 4160's, Early 4165's, Most 2300's and all 4500's without Intermediate System
HLY108-121*	Blue Non-Stick, Most 4150's, Some 4160's, Early 4165's, Most 2300's and All 4500's without Intermediate Idle System, Secondary Metering Block Gasket on Double Pumps.

* Not used with accelerator pump transfer tube.

Fuel Inlet Fitting Gaskets

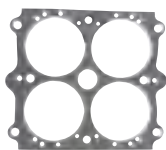
Part No.	Description
HLY108-1	9/16", Fuel Bowl Inlet Fitting Gasket
HLY108-8	7/8", Fuel Bowl Inlet Fitting Gasket
HLY26-102	7/8" Nylon, Fuel Bowl Inlet Fitting Gasket





Air Cleaner, Throttle Body, and Base Gaskets

Replacement air cleaner (air horn), throttle body, and base gaskets are sold individually unless specified.



Part No.	Description
HLY108-4	Air Cleaner Gasket, 5" Dia., .060" Thick, 3-Pack
HLY108-62	Air Cleaner Gasket, 5" Dia., .200" Thick
HLY108-5	Throttle Body Gasket, 4150/4160, 1-11/16" x 1-11/16" Bore Size
HLY108-7	Throttle Body Gasket, 4150/4160, 1-3/4" x 1-3/4" Bore Size
HLY108-12	Base Gasket, 4010, 4150/4160, 5/16" Thick with Studs Included
HLY108-10	Base Gasket, 4150/4160, 1/16" Thick

Bowl Screw Gaskets

Part No.	Description
HLY108-2-20	Standard Replacement Paper Gaskets, Set of 20
HLY108-98-10	Reusable Nylon Gaskets, Set of 10



Fuel Bowl Sight Plugs HLY26-13

Standard replacement sight plugs are sold per pair.



Idle Mixture Screw and Gasket

Part No.	Description
HLY26-101	Idle Mixture Screw
HLY26-110-10	Idle Mixture Screw Gaskets, Cork, Pkg. of 10



Transfer Tube O-Rings and Seals

Part No.	Description
HLY26-37	Transfer Tube O-Ring, Old Style, Pair
HLY108-97	Transfer Tube Seal, New Style, Pair



"Viton" Inlet Needles and Seats

Part No.	Description
Adjustable	
HLY6-506	0.097" Seat Size
HLY6-504	0.110" Seat Size
HLY6-518-2*	0.120" Seat Size
HLY6-522*	0.130" Seat Size NEW!



* Set of 2

"Steel" Inlet Needles and Seats for High-Performance Fuels

For use with alcohol or additives (benzine or acetone). Pack of two.

Part No.	Description
HLY6-500-2	0.110" Seat Size
HLY6-502-2	0.120" Seat Size
HLY6-515-2	0.130" Seat Size
HLY6-519-2	0.150" Seat Size



Titanium Needle and Seat HLY6-521

Large .150" titanium seat is among the largest available anywhere. Sold Individually.



Adjustable Needle and Seat Hardware Kit HLY34-7

Includes adjusting nut, locking screw, gaskets, and O-rings.



Wedged Floats

Wedge-shaped, Nitrophyl floats allow fuel to "ride up" the wedge when the car is in the turns, preventing premature shutoff of inlet valve because the float is too high. Available separately or with jet extensions.

Part No.	Description
HLY116-13	Primary Wedged Nitrophyl Float
HLY116-14	Secondary Wedged Nitrophyl Float
HLY116-15	Secondary Wedged Nitrophyl Float and Jet Extensions



Floats

Replacement floats are available in nitrophyl or brass.

Part No.	Description
HLY116-2	Brass Center-Hung Float
HLY116-3	Nitrophyl Center-Hung Float



Float Hanger Hardware Kit HLY20-105

Hardware for float installation.



Fuel Bowl Vent Baffle HLY26-89

Baffle is 1-7/16" long, and prevents fuel from splashing out of the vent tube.



Vent Tube Spill Reduction Valves HLY26-342

Among the most cost-effective safety items currently available. Spill reduction valves provide an extra measure of safety, preventing fuel from spilling from the vent tubes caused by rough track conditions or on-track mishap. Black anodized valves are sold per pair



Accelerator Pump Tuning Kit HLY36-184

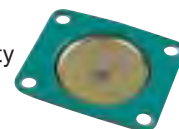
Kit includes a variety of diaphragms, pump nozzles, pump cams, and related hardware for Holley carburetors.



Accelerator Pump Diaphragms

Available in rubber, or in GFLT for compatibility with all alcohol-base fuels.

Description	Rubber Part No.	GFLT Part No.
30cc	HLY135-5	HLY135-10
50cc	HLY135-7	HLY135-9



Accelerator Pump Check Valve HLY26-41





Accelerator Pump Discharge Nozzles

Each pair of discharge nozzles includes 4 gaskets. Used on 4150, 4160, 4165, 4175, and 4500 series carburetors. Straight-type and tube-type nozzles were originally used on models 4150, 4160 Straight-type and tube-type and 4500. Anti-pullover style nozzles, originally used on production 4165 and 4175 models, were engineered to combat "pump pull-over", which occurs when the flow of air over the nozzles pulls fuel from the nozzle. Anti-pullover sold individually.



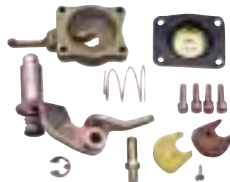
Hole Size	Straight Type Part No.	Tube Type Part No.	Anti-Pullover Part No.
.018"	HLY121-118	—	—
.021"	HLY121-121	—	—
.025"	HLY121-125	HLY121-25	HLY121-225
.028"	HLY121-128	HLY121-28	HLY121-228
.031"	HLY121-131	HLY121-31	HLY121-231
.032"	HLY121-132	—	—
.035"	HLY121-135	HLY121-35	—
.037"	HLY121-137	HLY121-37	HLY121-237
.040"	HLY121-140	HLY121-40	HLY121-240
.042"	HLY121-142	HLY121-42	—
.045"	HLY121-145	HLY121-45	—
.047"	HLY121-147	—	—
.050"	HLY121-150	—	—

Accelerator Discharge Screws

Part No.	Description
HLY121-6	Solid Discharge Nozzle Screw, for Nozzles up to .037" NEW!
HLY121-7	Hollow Discharge Nozzle Screw, for Nozzles .040" and Larger

50cc Accelerator Pump Conversion Kit HLY20-11

Kit more than doubles the capacity of accelerator pump system on Holley four-barrel carburetors.



Accelerator Pump Cam Assortment HLY20-12

Tailor pump performance to individual engine requirements by selecting the proper cam.



Accelerator Pump Arms

Part No.	Description
HLY20-78	Models 2300/4150/4160, Plastic
HLY20-114	30cc Pumps, Metal



Jet Assortment Kit HLY36-181

The professional way to track-tune a carburetor for top performance. Kit contains two each of 36 different jet sizes, ranging from 64 to 99, packaged in a plastic case to keep them separated for easy access.



Standard Main Jets

Holley main jets are threaded for ease of installation. To order, use prefix HLY122- followed by the jet number from chart. Example: HLY122-40 (has an approximate hole size of .040" diameter). Jets have 1/4"-32 UNF threads. Two per card.



Jet No.	Hole Size	Jet No.	Hole Size	Jet No.	Hole Size	Jet No.	Hole Size
HLY40	.040"	HLY60	.060"	HLY77	.0855"	HLY95	.1165"
HLY44	.044"	HLY61	.060"	HLY78	.087"	HLY96	.1195"
HLY45	.045"	HLY62	.061"	HLY79	.089"	HLY97	.121"
HLY46	.046"	HLY63	.062"	HLY80	.089"	HLY98	.124"
HLY47	.047"	HLY64	.064"	HLY81	.092"	HLY99	.126"
HLY48	.048"	HLY65	.065"	HLY82	.094"	HLY100	.1285"
HLY49	.048"	HLY66	.066"	HLY83	.0975"	HLY101	.126"
HLY50	.049"	HLY67	.0663"	HLY85	.0985"	HLY102	.128"
HLY51	.050"	HLY68	.0685"	HLY86	.100"	HLY103	.130"
HLY52	.052"	HLY69	.0693"	HLY87	.1015"	HLY104	.134"
HLY53	.052"	HLY70	.0735"	HLY88	.1025"	HLY105	.137"
HLY54	.053"	HLY71	.075"	HLY89	.1045"	HLY106	.141"
HLY55	.054"	HLY72	.0755"	HLY90	.1055"	HLY107	.145"
HLY56	.055"	HLY73	.079"	HLY91	.1085"	HLY108	.147"
HLY57	.056"	HLY74	.080"	HLY92	.110"	HLY109	.150"
HLY58	.057"	HLY75	.082"	HLY93	.1125"	HLY110	.156"
HLY59	.058"	HLY76	.084"	HLY94	.1155"		

Note: All sizes shown are for reference use only. Actual control of size is by flow check. In all instances, a higher stamped number indicates a greater average flow rate. Do not drill or damage the jet metering orifice. Change jets to meet specific requirements.

Alcohol Jets

Standard-length alcohol jets are used with the 950 HP carburetor models HLY0-80542, HLY0-80535, and HLY0-80498, and will work with a stock float. To order, use prefix HLY122- followed by the jet number from chart. Example: HLY122-132 (has an approximate hole size of .132" diameter). Jets have 5/16"-32 UNF threads. Two per card.



Jet No.	Hole Size	Jet No.	Hole Size	Jet No.	Hole Size	Jet No.	Hole Size
HLY132	.132"	HLY146	.146"	HLY158	.158"	HLY192	.192"
HLY136	.136"	HLY148	.148"	HLY160	.160"	HLY196	.196"
HLY138	.138"	HLY150	.150"	HLY164	.164"	HLY200	.200"
HLY140	.140"	HLY152	.152"	HLY168	.168"	HLY180	.180"
HLY142	.142"	HLY154	.154"	HLY172	.172"	HLY184	.184"
HLY144	.144"	HLY156	.156"	HLY176	.176"	HLY188	.188"

Alcohol Jet Kit HLY36-201

Kit includes four each of 24 jet sizes from .132" to .200". Jets fit only Holley HP series 650, 750, and 950 CFM alcohol carburetors. Packaged in a plastic carrying case.



Main Jet Removal Tool HLY26-68

Removes Holley jets without damage.





Quick-Change Jet Kits

Change jets quickly and easily without removing the fuel bowls. Kits fit carburetors with center-hung fuel bowls. Include fuel bowl, gaskets, plugs, and jet removal tool (tool included with primary bowls only).



Part No.	Description
HLY34-25	Model 4150/4160 Carb, Prim. Fuel Bowl with Single Fuel Inlet
HLY34-26	Model 4150 Carb, Sec. Fuel Bowl with Single Fuel Inlet and Accel Pump

Double Pumper Tuning/Calibration Kit

[HLY36-182](#)

Ideal for trackside tuning. Contains: four each of eight different metering jets from 70-84; two .035" pump nozzles; two .037" pump nozzles; one 35 power valve; one 4.5 power valve; one 5.0 power valve; twelve metering block gaskets; twelve fuel bowl gaskets; plus miscellaneous pump shooter, power valve, and fuel bowl screw gaskets.



Power Valves Single-Stage

Available in standard and high-flow, gasket included.

Part No.	Description	Part No.	Description
Standard Flow		High Flow	
HLY125-25	2.5" Hg.	HLY125-125	2.5" Hg.
HLY125-35	3.5" Hg.	HLY125-135	3.5" Hg.
HLY125-45	4.5" Hg.	HLY125-145	4.5" Hg.
HLY125-50	5.0" Hg.	HLY125-155	5.5" Hg.
HLY125-55	5.5" Hg.	HLY125-165	6.5" Hg.
HLY125-65	6.5" Hg.	HLY125-185	8.5" Hg.
HLY125-75	7.5" Hg.	HLY125-1005	10.5" Hg.
HLY125-85	8.5" Hg.		
HLY125-95	9.5" Hg.		
HLY125-105	10.5" Hg.		



Power Valve Check Valve Kit

[HLY125-500](#)

Power valve "blow-out" protection can now be added to older model 2300, 4150, and 4160 carbs. Kit includes a spring, brass seat, check ball, and instructions.



Power Valve Plug [HLY26-36](#)

Plug blocks the power valve circuit. An increase of 6 to 8 jet sizes is recommended to compensate for the loss of enrichment.



Air Bleed Assortment Kit

[HLY36-240](#)

A must when tuning 4150 HP carburetors, kit includes 4 of each air bleed size from #23 to #78. Kit includes a plastic case to keep air bleeds separated and organized.



HP Main Body Retro Fit Kits

High-flow 750 CFM main body eliminates the choke tower and related hardware, reducing turbulence and increasing airflow for more power and torque. Kits fit all HLY0-4777 (650 CFM), HLY0-4778 (700 CFM), and HLY0-4779 (750 CFM) carburetors. Choice of dichromate or shiny finishes.



Part No.	Description
HLY134-300C	Dichromate Finish, HP Main Body Retro Fit Kit
HLY134-300S	Shiny Finish, HP Main Body Retro Fit Kit

4150 HP Air Bleeds

Replaceable air bleeds are used in the idle, intermediate, and high-speed circuits of model 4150 HP carburetors. Bleeds have 10-32 UNF threads and are sold in packs of ten.



Part No.	Hole Size	Part No.	Hole Size	Part No.	Hole Size
HLY126-23-10	.023"	HLY126-37-10	.037"	HLY126-61-10	.061"
HLY126-24-10	.024"	HLY126-38-10	.038"	HLY126-63-10	.063"
HLY126-25-10	.025"	HLY126-39-10	.039"	HLY126-65-10	.065"
HLY126-26-10	.026"	HLY126-40-10	.040"	HLY126-67-10	.067"
HLY126-27-10	.027"	HLY126-41-10	.041"	HLY126-69-10	.069"
HLY126-28-10	.028"	HLY126-43-10	.043"	HLY126-70-10	.070"
HLY126-29-10	.029"	HLY126-45-10	.045"	HLY126-71-10	.071"
HLY126-30-10	.030"	HLY126-47-10	.047"	HLY126-72-10	.072"
HLY126-31-10	.031"	HLY126-49-10	.049"	HLY126-73-10	.073"
HLY126-32-10	.032"	HLY126-51-10	.051"	HLY126-74-10	.074"
HLY126-33-10	.033"	HLY126-53-10	.053"	HLY126-75-10	.075"
HLY126-34-10	.034"	HLY126-55-10	.055"	HLY126-76-10	.076"
HLY126-35-10	.035"	HLY126-57-10	.057"	HLY126-77-10	.077"
HLY126-36-10	.036"	HLY126-59-10	.059"	HLY126-78-10	.078"

Carburetor Fittings

[HLY26-26](#)

Part No.	Description
HLY26-26	Inverted Flare Fitting, 3/8" Tube, 7/8"-20 x 5/8"-18
HLY26-27	Inverted Flare Fitting, 5/16" Tube, 7/8"-20 x 1/2"-20
HLY26-76	Fuel Inlet Plug, 7/8"-20 Aluminum Red



Throttle Linkage Service Parts

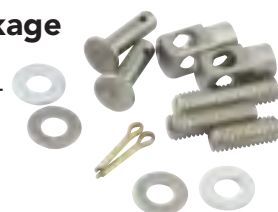
Part No.	Description
HLY20-2	Throttle Ball Assortment
HLY20-36	GM Throttle Stud
HLY20-37	7/32" Dia. Short Stud
HLY20-38	1/4" Dia. Long Stud
HLY20-54	Model 4150 Mechanical Secondary Connecting Rod



Pro Series Secondary Linkage

[HLY20-122](#)

Stainless steel linkage simplifies adjustment of secondaries on all double pumpers.





Hydramat®

Innovative, patent-pending Hydramat solves the problems associated with traditional fuel pick-ups in stock tanks or racing cells, preventing fuel starvation during hard acceleration, cornering, or braking. An internal reservoir keeps fuel available at the pick-up even under extreme fuel slosh conditions, while preventing air from entering the fuel system.



HLY16-107

Part No.	Description
HLY16-101	15" x 8" Hydramat Cross, Center Outlet with 3/8" NPT Fitting
HLY16-107	15" x 15" Hydramat Square, Center Outlet with 1/2" NPT Fitting

E85 Checker HLY26-147

Essential, pocket-sized tool can be used to quickly determine the ratio of ethanol-to-gasoline, critical when optimizing engine efficiency and achieving maximum horsepower. To check the fuel, simply add water to the first line of the checker and proceed to pour the E85 fuel sample to the second line. Once the water is absorbed into the sample, the checker will indicate the amount of ethanol in the fuel.



High-Output 130 GPH Fuel Pumps

Pumps flow 130 GPH (free flow) with pressure pre-set at 7-1/2 to 9 PSI. Six high-flow valves allow ample flow through 3/8" NPT inlet and outlet ports. Body casting can be rotated for best fuel line routing. Fuel pressure regulator (HLY12-704) is required.



Part No.	Description
HLY12-327-13	Chevy 283-400
HLY12-289-13	Ford 289-351W

170 GPH Fuel Pumps

Volumax Race Series pumps provide up to 170 GPH with shut-off pressure pre-set at 8 PSI. Made with quality, heavy-duty components and redesigned high-flow valves. May be rotated for various plumbing situations. Features -8AN inlet and outlet ports. Fuel pressure regulator (HLY12-704) is required.



Part No.	Description
HLY12-327-20	Chevy 283-400
HLY12-289-20	Ford 289-351W

HP Billet 170 GPH Fuel Pumps

HP billet aluminum mechanical pumps flow exceptionally well and look great. With a free-flow rate of 170 GPH @ 7.5 PSI, there is no need for a regulator. Base may be rotated in relation to top for best inlet/outlet placement. Includes -8AN inlet and outlet fittings.



Part No.	Description
HLY12-327-25	Chevy 283-400
HLY12-289-25	Ford 289-351W

HP Billet Fuel Filter

HLY162-564

Precision CNC-machined from billet 6061-T6 aluminum, the HP fuel filter uses a cleanable 100-micron stainless steel woven-mesh element that allows flows up to 175 GPH of fuel. Black and clear anodized filter is 8.00"L x 6.00"W x 3.00"H and weighs less than 1 lb.



Fuel Pressure Regulator

HLY12-704

Regulates from 4-1/2 to 9 PSI. One 1/2" NPT inlet and two 1/2" NPT outlet ports with .437" (7/16") restriction. Includes mounting hardware and (1)-8AN and (2) -6AN style fittings. Alcohol compatible.



HP Billet

Fuel Pressure Regulators

Anodized billet aluminum regulators, engineered for carbureted fuel systems, have a 1/8" NPT gauge port and include mounting bracket. Choose from regulators with 3/8" NPT or -8AN/-6AN ports.



Part No.	Description
HLY12-840	HP Regulator, Carbureted, 4.5-9 PSI, 3/8" NPT Ports
HLY12-842	HP Regulator, Carbureted Bypass with Idle Bleed, 4.5-9 PSI, 3/8" NPT Ports
HLY12-845	HP Regulator, Carbureted Bypass, 4.5-9 PSI, -8AN Ports and -6AN Return
Replacement Component	
HLY12-823	Regulator Rebuild Kit for HLY12-840 and HLY12-842

Die-Cast Fuel Pressure Regulators

Die-cast aluminum, carbureted fuel pressure regulators for use with gasoline only, have a 4.5-9 PSI pressure range and are preset at 6 PSI. Bypass-style regulators include 3/8" NPT inlet/outlet ports, 3/8" NPT return port and an 1/8" NPT gauge port. Chrome or black finish.



Part No.	Description
HLY12-881	Fuel Pressure Regulator, Chrome
HLY12-887	Fuel Pressure Regulator, Black NEW!



SCOTT THOMAS



TOM THOMAS

STEVE DATEMA



Hoosier Racing Tire offers a variety of UMP modified and late model tires for dirt oval track racing.

UMP/Late Model/E-Mod/Street Stock Dirt Tires

Part No.	Tire Size	Tread Pattern	Tread Width	Approx. Dia.	Approx. Circ.	Recom. Rim	Measured Rim	Section Width	Compound
H0036021 NEW!	G60-15	G60	8.5"	25.5"	81.0"	8"	8"	10.75"	D40 (Soft)
H0036022 NEW!	G60-15	G60	8.5"	26.0"	82.0"	8"	8"	10.75"	D40 (Soft)
H0036180M30S	26.5/8.0-15	Super Chain Link	8.0"	26.5"	83.2"	8-9"	8"	11.0"	D40 (Soft)
H0036180M60	26.5/ 8.0-15	Chain Link	8.0"	26.5"	83.0"	8"-9"	8"	11.2"	(Hard)
H0036190M30S	27.5/8.0-15	Super Chain Link	8.0"	27.5"	86.3"	8-9"	8"	11.2"	D40 (Soft)
H0036190M60	26.5/ 8.0-15	Chain Link	8.0"	27.25"	85.5"	8"-9"	8"	11.2"	(Hard)



UMP Dirt Late Model Tires

Part No.	Tire Size	Tread Pattern	Tread Width	Approx. Dia.	Approx. Circ.	Recom. Rim	Compound
H0036617M20	88.0/11.0-15	Crossblock	11.0"	28.0"	87.5"	12-14"	M20 (Soft)
H0036617M40	88.0/11.0-15	Crossblock	11.0"	28.0"	87.5"	12-14"	M40 (Med.-Hard)
H0036627M20	90.0/11.0-15	Crossblock	11.0"	28.5"	88.0"	12-14"	M20 (Soft)
H0036627M30S	90.0/11.0-15	Crossblock	11.0"	28.5"	88.0"	12-14"	M30S (Medium)
H0036627M40	90.0/11.0-15	Crossblock	11.0"	28.5"	88.0"	12-14"	M40 (Med.-Hard)
H0036637M20	92.0/11.0-15	Crossblock	11.0"	29.0"	92.0"	12-14"	M20 (Soft)
H0036637M30S	92.0/11.0-15	Crossblock	11.0"	29.0"	92.0"	12-14"	M30S (Medium)
H0036637M40	92.0/11.0-15	Crossblock	11.0"	29.0"	92.0"	12-14"	M40 (Med.-Hard)



Asphalt Quarter Midget Tires

Hoosier's A35 utilizes a high-traction compound that works well on tracks that lack grip, such as colder, slick, or "green" track surfaces. The A35 will grip quickly with little heat and will be consistent throughout long green flag runs.

Part No.	Tire Size	Tread Pattern	Tread Width	Approx. Dia.	Approx. Circ.	Recom. Rim	Measured Rim	Section Width	Compound
H0015031A35	31.0/4.5-5	bb	4.5"	10.0"	31"	5-6"	5.5"	5.5"	A35
H0015032A35	32.0/4.5-5	bb	4.5"	10.25"	32"	5-6"	5.5"	5.5"	A35
H0015325A35	33.0/5.0-6	bb	4.75"	10.5"	33.5"	6-6.5"	6"	6.25"	A35
H0015650A35	34.5/6.5-6	bb	6.25"	11.0"	34.75"	8-8.5"	8.5"	8.25"	A35



Max Oval Racing Camshafts

Howards Cams offers a line of camshafts engineered for exceptional power out of the turns and on the straightaways. Standard or lift-rule hydraulic, mechanical, and roller camshafts for small block Chevys are available.

Part No.	Application	RPM Range	Dur. @ .050" Int./Exh.	Valve Lift Int./Exh. with 1.5 Rocker	Sep. Angle	Valve Lash Int./Exh.	Recommended Components Lifters Valve Springs	
Hydraulic Camshafts								
HRC110091-06	Lift Rule	3000-6400	241°/241°	.410"/.410"	106°	.000"/.000"	HRC91111	HRC98214
HRC111241-12	Hyd. Cam	2400-6400	223°/231°	.450"/.450"	112°	.000"/.000"	HRC91111	HRC98214
HRC112681-12	Hyd. Cam	2800-6800	235°/237°	.480"/.488"	106°	.000"/.000"	HRC91111	HRC98214
HRC112691-06	Lift Rule	2500-6600	232°/232°	.450"/.450"	106°	.000"/.000"	HRC91111	HRC98214
HRC112711-06	Lift Rule	3500-6800	236°/242°	.390"/.410"	106°	.000"/.000"	HRC91111	HRC98214
Mechanical Camshafts								
HRC110812-06	Solid Cam	2500-6500	248°/252°	.535"/.540"	106°	.016"/.016"	HRC91115	HRC98212
HRC110822-06	Solid Cam	3000-7200	252°/260°	.540"/.560"	106°	.016"/.016"	HRC91115	HRC98212
HRC110922-06S*	Solid Cam	3000-7200	252°/260°	.540"/.560"	106°	.016"/.016"	HRC91115	HRC98212
HRC111752-06	Solid Cam	3000-6800	252°/261°	.525"/.525"	106°	.022"/.022"	HRC91115	HRC98212
HRC112662-06	Solid Cam	3000-7000	252°/264°	.545"/.555"	106°	.022"/.022"	HRC91115	HRC98212
Roller Camshafts								
HRC111163-06	Roller Cam	2800-6800	255°/262°	.600"/.620"	106°	.022"/.022"	HRC91117	HRC98441
HRC111133-06	Roller Cam	3400-7000	258°/268°	.600"/.600"	106°	.024"/.024"	HRC91117	HRC98441

* "S" at the end of the part number signifies a small base circle camshaft.



Racing Valve Springs

Engineered for racing use, springs are precisely coiled and heat-treated. Sold in sets of 16.



Part No.	Description	O.D.	I.D.	Seat Pressure	Open Pressure	Rate	Coil Bind	7° Retainer	10° Retainer
Performance Valve Springs									
HRC98212	Single with Damper	1.265"	.875"	115@1.780"	340@1.250"	425	1.150"	HRC97112	HRC97132
HRC98213	Single with Damper	1.265"	.878"	120@1.800"	375@1.250"	464	1.100"	HRC97112	HRC97132
HRC98214	Single with Damper	1.250"	.870"	115@1.700"	300@1.250"	411	1.160"	HRC97112	HRC97132
Max Effort Valve Springs									
HRC98215	Single with Damper	1.265"	.878"	120@1.800"	375@1.250"	460	1.100"	HRC97112	HRC97132
HRC98212-K12*	Single w/Damper	1.265"	.876"	115 @ 1.780"	340 @ 1.250"	425	1.150"	—	—
HRC98213RS	Single w/Damper	1.265"	.875"	120 @ 1.800"	350 @ 1.200"	430	1.100"	—	—
HRC98214-K11†	Single w/Damper	1.250"	.870"	115 @ 1.700"	340 @ 1.250"	411	1.160"	—	—
HRC98412-K11†	Single w/Damper	1.445"	1.040"	120 @ 1.680"	295 @ 1.175"	350	1.100"	—	—
HRC98438-K12*	Dual w/o Damper	1.465"	.807"	122 @ 1.650"	353 @ 1.100"	425	.950"	—	—
HRC98511-K31†	Single w/Damper	1.485"	1.061"	115 @ 1.800"	310 @ 1.250"	355	1.150"	—	—
HRC98438-K12*	Dual w/Damper	1.465"	.807"	122 @ 1.650"	353 @ 1.100"	425	.950"	—	—
HRC98512	Dual w/o Damper	1.514"	.795"	145 @ 1.900"	360 @ 1.300"	360	1.150"	—	—
HRC98636-K32*	Dual w/Damper	1.514"	.697"	130 @ 1.875"	330 @ 1.300"	348	1.150"	—	—
HRC98636-K11†	Dual w/Damper	1.514"	1.125"	130 @ 1.875"	330 @ 1.300"	348	1.150"	—	—

* Kit includes valve springs, 10° chrome moly retainers and valve locks. † Kit includes valve springs, 7° chrome moly retainers, and valve locks.

Direct Lube Hydraulic Lifters

HRC91116

Offered for Chevrolet V-8 only, lifters are engineered specifically for use with racing camshafts featuring aggressive opening and closing rates. Lifters deliver a constant supply of oil to the cam lobes, reducing lobe wear. Sold in set of 16.



Street Series Retro-Fit

Hydraulic Roller Lifters HRC91166

Designed for popular GM Gen. III LS applications, lifters are assembled using cold-formed bodies that have been nitride-coated and tempered for hardness, hardened and tempered roller wheels, and high-alloy steel tie bar buttons. Engineered for applications up to 6500 RPM. Sold in set of 16.



"The Original"

Direct Lube Solid Lifters

Lifters have an EDM-machined hole in the bottom of the lifter which delivers a constant flow of oil to the cam lobe for reduced lobe wear and added durability, particularly when higher valve spring pressures are employed. Sold in sets of 16.



Part No.	Description
HRC91118	Chevy V-8
HRC91218	Ford 221-351W, 351C

Track Smart 4340 Forged Steel Crankshafts

Computer designed, "Track Smart" 4340 forged crankshafts are constructed using precisely placed counterweights for improved balance and reduced bearing loads. All rod journals are drilled and counterweights profiled for piston clearance. All journals include a large, .125" radii and require chamfered bearings. Crankshafts are additionally hardened with a deep nitride for increased wear resistance.



Part No.	Description	Main	Stroke	Rod Length
HRCH353756012T	SB Chevy, Int. Bal., 2-Pc. Rear Main	350	3.750"	6.000"
HRCH353876012T	SB Chevy, Int. Bal., 2-Pc. Rear Main	350	3.875"	6.000"
HRCH354006012T	SB Chevy, Int. Bal., 2-Pc. Rear Main	350	4.000"	6.000"
HRCH403756012T	SB Chevy, Int. Bal., 2-Pc. Rear Main	400	3.750"	6.000"

Pro Lite Direct Lube Mechanical Roller Lifters

Pro Lite lifters are exceptionally lightweight, up to 20 grams lighter than many competitor's lightweight lifters. Lifters are assembled using durable 8620 steel bodies, 9310 steel rollers, precision-sorted needle bearings, and stainless steel cross bars. Incorporated high-pressure pin oilers offer improved durability. Sold in sets of 16.



Part No.	Description
HRC91137	SB Chevy 265-400
HRC91132	SB Chevy 265-400, +.300" Tall

Racemax Vertical Bar Mechanical Roller Lifters NEW! HRC91134

Durable, vertical bar .842" mechanical roller lifters are engineered for small block Chevy applications and feature a standard, centered configuration. Racemax lifters, which include a +.300" taller design, are fit with .750" dia. roller bearings, vertical bars, and weigh just 235 grams. Set of 16.



Sport Max Chevy Mechanical Roller Lifters HRC91152

Engineered for the sportsman racer, these small block Chevy lifters are manufactured in the USA using 8620 heat-treated steel bodies, 9130 steel rollers, and maximum strength bearings. Direct lube pin oilers offer added durability. Black oxide finished for corrosion protection. Lifter body diameter: .842, lifter body height: +.300. Sold in sets of 16.



Ultimate-Duty Valve Seals

Premium PC valve seals are manufactured from space age fluoropolymer and are tolerant to pump gas, alcohol, or nitromethane. Self-lubricating seals provide controlled radial tension, while allowing a very small amount of oil for valve guide and stem lubrication. Sold in sets of 16.



Part No.	Description	Guide I.D.	Valve I.D.	O.D.	Overall Height	Guide Contact
HRC93311	11/32" x .500" Guide	.494"	.337"	.630"	.460"	.120"
HRC93311	11/32" x .531" Guide	.524"	.337"	.630"	.460"	.120"

Small 5X5 Hub Kits

The standard hubs for short track racing, they minimize heat transfer from the rotor to the bearings. Aluminum hubs are recommended anywhere they are allowed, except for the right front on cars weighing over 3,000 lbs. Hub kits are available in several versions.

Small 5x5 Hub Kits Less Dust Cover

Hubs are offered separately with races and coarse-thread studs only, or in kit form complete with wheel bearings, grease seal, spindle nut, lug nuts, rotor fasteners, and necessary hardware. Dust cover NOT included. Offered in 8-bolt versions only.



Description	Hub Only Part No.	Hub and Kit Part No.
Aluminum 5x5 Hub Kit	HOW36558	HOW205100
Steel 5x5 Hub Kit	HOW36568	HOW205300

Small 5X5 Hub Kits with Dust Cover

Complete kits include hub, wheel bearings, races, grease seal, spindle nut, coarse-thread drive studs, lug nuts, rotor fasteners, dust cover, and necessary hardware.

Description	Front Hub Kit Part No.	Rear Hub Kit Part No.
Aluminum 5x5 Hub Kit	HOW205198	HOW205298
Steel 5x5 Hub Kit	HOW205118	HOW205218

Note: Aluminum 5x5 hubs should not be used on the right front on asphalt tracks with more than 25° of banking. Steel hubs should be used.



Small 5x5 and 5x4.75" Hub Components

Part No.	Description
HOW20539	Aluminum Front Dust Cover
HOW20540	Countersunk Screw for Dust Cover
HOW20550	Gasket for 5 x 5 Hubs
HOW20551	Rear Drive Flange Screw, 5 x 5
HOW21250	Snap Ring
HOW21255	Hub Seal, All Except Magnesium W5
HOW205495	Rear Drive Flange O-Ring, 5 x 5
HOW205496	Rear Drive Flange, 5x5 Steel with Aluminum Cap

Cast Spindles

Ideal when class rules prohibit tubular steel spindles. Rigid, 4140 steel spindles include a tapered hole for tie rod ends, but may be drilled for use with 5/8" heim. Accepts Howe caliper brackets (HOW339L or HOW339R) and 1974-81 Chevy C10 or 1970-73 Impala hubs.



Part No.	Description
HOW344GN	Right Spindle
HOW344GNL	Left Spindle

Lower Control Arm/3rd Ball Joint NEW!

Tubular steel, strut-style control arm is 15.60" long and accepts a screw-in style lower ball joint.



Part No.	Description
HOW229615	Lower Control Arm, 15.60" Long
HOW229625	Lower Control Arm, 15.60" Long, w/Heim End

Strut Spindles

Designed for cars with a 101 Series front clip, spindles are manufactured to utilize different degree spindle inserts for upper taper. Spindles offer 4.5" drop and 9.25" height, and are engineered for use with wide 5 hubs, 11.75" diameter x 1.25" thick rotors, and four-piston, rear position brake calipers. Spindle inserts must be purchased separately.



Part No.	Description
HOW34712	Right Spindle, Threaded Steering Arm
HOW34712LA	Left Spindle, Adjustable Steering Arm
Spindle Inserts	
HOW347DET00	0° Spindle Insert
HOW347DET02	+/-2° Spindle Insert

Spindle Taper Machine Reamers

Ideal when spindles must be enlarged, heavy-duty reamers are engineered for use in a drill or other machine. Left-helical right-cutting reamers are offered in 1.5" or 2.0" per foot tapers.



Part No.	Description
HOW84015	Spindle Reamer, 1.5" Per Ft. Taper
HOW84020	Spindle Reamer, 2.0" Per Ft. Taper

Upper A-Frame Mounts

Mounts weld to chassis. Choose from mounting block or tower style. Mounting block eliminates the use of shims on upper control arms; simply loosen jam nut and turn adjuster screw to change caster and camber. Tower mount is slotted and inset, allowing different position keys to simplify upper A-frame adjustment. All mounts are sold each.



Part No.	Description
HOW22605	Upper A-Frame Tower Mount, Standard
HOW22688	Upper A-Frame Mounting Block
HOW2286	Hardware for HOW22688
HOW22615	Upper A-Frame Tower Mount, 1" Taller Than HOW22605, Double Slotted for Key Set NEW!
HOW22616	Upper A-Frame Tower Mount, 1" Taller Than HOW22605, Slotted for Key Set NEW!

Precision Lower A-Frame Bushings

Howe bushings eliminate the bind commonly associated with OEM rubber units, providing reduced friction and increased durability. One-piece bearings are easy to install and may be lubricated without disassembly. Offered for popular lower A-frames, bushings are sold in pairs. Specially-channeled grease bolts, sold each, may be purchased separately to further reduce friction.



Application	Bushings Part No.	Bolt Part No.
1970-81 Camaro/Firebird	HOW22915	HOW2294
Ford on Impala Frame	HOW22920	HOW2294
1966-72 GM "A" Body/1965-70 Catalina/ 1969-72 Grand Prix, Small Round and Oval Bushings	HOW22900	HOW2296
1967-72 GM "A" Body/1968-74 Nova/ 1967-70 Camaro/1967-69 Firebird/1970-72 Monte Carlo, Small Round and Large Round Bushings	HOW22901	HOW2296
1978-87 GM "A"/"G" Body, Metric Chassis	HOW22925	*
1983-94 Ford Crown Vic/Grand Marquis	HOW22930	HOW2295
Howe Modified	HOW22924	—

Part No.	Description
HOW56001004	Replacement Outer Sleeve for HOW22915 NEW!

Notes: 1967-72 GM "A" body (Chevelle/Skylark/Cutlass/Lemans) used two different style lower A-frames. One model used small round and oval bushings, while another used small round and large round bushings. Inspect A-frames for specific requirements prior to ordering.

*** Use HOW2294 for front, HOW2295 for rear.**



Precision Max Upper A-Frames

Precision Max Upper A-Frames feature a sealed, dual-row ball bearing for full, bind-free movement, even under severe braking. Cross shafts are for use with tower mounts, and can be easily removed or replaced. Reinforced ball joint mounting ring adds rigidity, preventing flex and distortion. A-frames are available with a 0°, 7°, 12°, or 15° angle, and are offered in aluminum with holes, steel with slot and key, or steel with holes. Key set (HOW22001) must be purchased separately.



Length/Angle	Alum. Shaft with Holes	Steel Shaft Slot & Key	Steel Shaft with Holes
7.75", 7°	—	HOW2213107	—
8", 7°	—	HOW2213207	—
8.25", 7°	HOW2203307	HOW2213307	HOW2213307H
8.25", 12°	HOW2203315	—	—
8.25", 15°	—	HOW2213315	—
8.5", 7°	HOW2203407	HOW2213407	—
8.5", 15°	—	HOW2213415	—
8.75", 7°	HOW2203507	HOW2213507	—
8.75", 15°	—	—	—
9", 0°	—	HOW2213600	—
9", 7°	HOW2203607	HOW2213607	—
9.25", 7°	HOW2203707	HOW2213707	—
9.5", 7°	HOW2203807	HOW2213807	—
9.5", 15°	—	HOW2213815	—
10", 0°	—	HOW2214000	—
10", 7°	HOW2204007	HOW2214007	—
10", 15°	—	HOW2214015	—
10.5", 7°	—	HOW2214207	—
10.5", 15°	—	HOW2214215	—
11", 0°	—	HOW2214400	—
11", 7°	—	HOW2214407	—
11", 20°	—	HOW2214420	—
11.25", 0°	HOW2204500	HOW2214500	HOW2214500H
11.25", 7°	—	HOW2214507	HOW2214507H
11.5", 0°	—	HOW2214600	—
11.5", 7°	—	HOW2214607	—
11.5", 15°	—	HOW2214615	—
12.75", 15°	—	HOW2215115	—

Part No.	Description
Precision Max Upper A-Frame Replacement Components	
HOW22001	Upper Control Arm Key Set, 10 Pcs.
HOW22240A	Aluminum Cross Shaft, with Holes
HOW22240S	Steel Cross Shaft, with Holes
HOW22240SK	Steel Cross Shaft, Slotted
HOW221000	Custom Slot and Key Shaft Kit, for Custom Steel Slot and Key Control Arm Shafts
HOW22602	Upper Control Arm Key, 0° Only NEW!

Solid Rod End HOW22943

Straight, solid 3/4" rod end is used on lower control arms.



Ball Joint Plates

Part No.	Description
HOW22291	5°, Gold
HOW222919	15°, Black
HOW22292	Clevis for Ball Joint Holder



Ball Joint Mounting Rings

Required when fabricating control arms, upper mounting ring accepts 1965-89 Chrysler threaded ball joints, while the lower mounting ring uses 1960-66 Chrysler Imperial threaded ball joints.



HOW22960

Part No.	Description
HOW22340	Upper Ball Joint Mounting Ring
HOW22960	Lower Ball Joint Mounting Ring

Press-In to Threaded Ball Joint Adapter HOW22411

Adapter allows installing screw-in style ball joints in press-in applications including HOW22410, HOW22412, and HOW22412S.



Replacement Ball Joint Components

Part No.	Description
HOW22311	Upper Ball Joint "X" Hex Retainer NEW!
HOW22312	Upper Ball Joint "X" Retaining Ring NEW!
HOW22321	Aluminum Ball Joint Cap, 1.437" Ball
HOW22321S	Steel Ball Joint Cap, 1.437" Ball
HOW22325	Set Screw
HOW22326	O-Ring for Small Screw-In Ball Joints
HOW22427	Lower Ball Joint "X" Hex Retainer NEW!
HOW22428	Lower Ball Joint "X" Retaining Ring NEW!
HOW22328	Cap Retaining Ring, XD Ball Joint
HOW22398	Aluminum Cap Plug, Keeps Zerk Free of Debris
HOW223991	Ball Joint Boot, 4-Bolt
HOW22399	Precision Ball Joint Boot
HOW22415	Aluminum Ball Joint Cap, 1.625" Ball
HOW22415S	Steel Ball Joint Cap, 1.625"
HOW22327	Retainer Cap, XD Ball Joint
HOW22467S	Replacement Housing, HOW22414S



HOW22415

Sockets for Screw-In Ball Joints

Steel sockets accept screw-in upper and lower ball joints.

Part No.	Description
HOW2152	Upper Ball Joint Socket
HOW2153	Lower Ball Joint Socket



Ball Joint Spreader Tool HOW2154

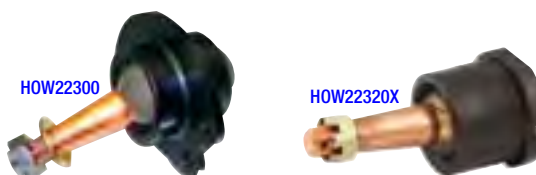
Tool fits between upper and lower ball joint studs and turns to easily release the ball joint from the spindle. Durable steel construction.

Ball Joint Inspection Gauges

Billet aluminum gauges fits over ball joint stud to check for straightness. Available in multiple sizes to fit a wide range of ball joints.

Part No.	Description
HOW22500	Inspection Gauge "A", Howe HOW22412/22412S, Large Taper LM Ball Joints
HOW22501	Inspection Gauge "B", Howe HOW22410/22413, Moog 6141 Ball Joints
HOW22502	Inspection Gauge "C", Howe HOW22320/22320S/22300 Ball Joints
HOW22503	Inspection Gauge "D", Stock Screw-In, Moog K727
HOW22504	Inspection Gauge "E", Stock Screw-In, Moog K772 Stock 4-Bolt, Moog K6024
HOW22523	Inspection Gauge "V", Stock Press-In, HOW22419/Moog K6117





Precision Ball Joints

Combine the precision of spherical bearings with the misalignment characteristics of standard ball joints. Process-coated, low-friction steel ball studs and rugged steel housings contribute to reduced steering effort and smoother suspension travel. All ball joints listed are rebuildable and adjustable. Available "XD" Extreme Duty ball joints use a mil-spec alloy housing that is 300% stronger than OEM housings. Available for selected applications, "XD" ball joints add an "X" suffix to the part number. Ball joints are also offered in .500" longer versions that simply add a "V" suffix to the part number. Selected ball joints are available with a steel cap to meet NASCAR Nextel Cup, Grand National, and IMCA rules, and include an "S" suffix added to the part number.

Style/Make	Stock Application	Racing Application	Moog Part No.	Ball Joint Part No.	Rep. Housing Part No.
Upper Ball Joints					
4-Bolt/Chevy	1963-71 Chevy/GMC Truck	Howe/Rayburn/AFCO/Port City	MOGK6024	HOW22300	HOW22309
4-Bolt/Chevy	1973-95 Chevy Blazer/GMC Truck	IMCA Mod/Street Stock Racing A-Frame	MOGK6136	HOW22301	HOW22309
4-Bolt/Chevy	1971-94 Impala/1970-81 Camaro	Street Stock/Modified/Sportsman	MOGK5208	HOW22302	HOW22339
	1973-88 Chevelle/Monte Carlo	Stock A-Frame			
Screw-In/Hybrid	1971-94 Impala/1970-81 Camaro	Small Metric Frame/Modified	MOGK5208/K772	HOW22306	HOW22329
	1965-89 Chrysler A-Frame	Racing A-Frame			
4-Bolt/Chevy	1963-71 Chevy/GMC Truck	Rayburn/Some Late Models	MOGK6024	—	HOW22309
Screw-In/Chrysler	1965-89 Chrysler	Howe/AFCO/Port City/Dirt Works/Troyer/ Ford Steering Uppers	MOGK772	HOW22320	HOW22329†
				HOW22320X	HOW22329X
				HOW22320S	HOW22329S
				HOW22320V	HOW22329
				HOW22320SV	HOW22329S
				HOW22320X1	HOW22329X
				HOW2232012S**	HOW22329S
Lower Ball Joints					
Screw-In/Hybrid	1971-76 Impala Spindle/ 1960-66 Chrysler Housing	Howe/Rayburn/Port City	MOGK6141/K727	HOW22410†	HOW22450
				HOW22410X	HOW22450X
				HOW22410S	HOW22450S
				HOW22410V	HOW22450
				HOW22412†	HOW22450
Screw-in/Chrysler	1960-66 Chrysler	Most Late Models GN/ARCA/Sprint Cup/ Some Dirt Late Models	MOGK727	HOW22412X	—
				HOW22412S	HOW22450S
				HOW22412SV	HOW22450S
				HOW22412V	HOW22450S
				HOW22412SB	HOW22329S
Compact	1960-66 Chrysler Lower Stud/	GN/Sprint Cup	MOGK727/K772	HOW22412SBX	HOW22329X
Screw-In/Hydrld	1965-89 Chrysler Upper Housing	Small Housing/Lower A-Frame		HOW22429	—
Press-In	N/A	Howe Dirt Mod	—		
Press-In/Chevy	1971-76 Impala #2	Howe/Rayburn/GRT/Port City/ Most Late Models	MOGK6141	HOW22413	HOW22491
Press-In/Hybrid	1974-78 Mustang II/Pinto Spindle/ 1964-72 Chevelle A-Frame	Modified with Chevelle Frame	MOGK8209/K5103	HOW22414	HOW22458
Press-In/Mustang	1979-93 Mustang		MOGK8259	HOW22426	—
Screw-In/Chrysler	1976-80 Volare/1973-76 Charger/ 1975-78 Fury	Modified/Troyer Lowers Troyer/Sweet Uppers	MOGK719	HOW22418	HOW22329†
Press-In/Chevy	1971-95 Chevy/GMC Truck 1/2 Ton	IMCA Modified/Street Stock	MOGK6117T	HOW22419	HOW22493*
Press-In/Chevy	1977-89 Impala/1970-81 Camaro	Mini Stocks	MOGK6145T	HOW22420	HOW22494
	1973-88 Malibu				
Press-In/Chevy	1964-72 Chevelle/1967-69 Camaro	IMCA Modified/Dirt Works	MOGK5103	HOW22421	HOW22495
Screw-In/Hybrid	1971-95 Chevy/GMC Truck 1/2	IMCA Modified/Fabricated Lowers	MOGK6117/K727	HOW22436	HOW22450
	Lwr. Stud/1960-66 Chrys. Thr. Hous.				
Press-In/Hybrid	N/A	Howe Modified	MOGK6145	HOW22429	—
Screw-In/Hybrid	N/A	—	—	HOW49330S	—

* Steel cap version **HOW22493S** also available. † Bare housing **HOW22322** also available. ‡ Bare housing **HOW22417** also available. **Steel Cap Screw-In +1.00"

Precision Replacement Ball Studs

Ball Joint Part No.	Std. Stud Part No.	-.500" Part No.	-.300" Part No.	-.200" Part No.	+.100" Part No.	+.200" Part No.	+.300" Part No.	+.400" Part No.	+.500" Part No.	+.750" Part No.	+.900" Part No.	+1.00" Part No.
Upper Replacement Ball Studs												
HOW22300	HOW22330	—	HOW2233103	HOW2233102	HOW22331	HOW22332	HOW22333	HOW22334	HOW22335	HOW223375	—	HOW223310
HOW22301	HOW22350	—	—	—	—	—	—	—	HOW22355	—	—	—
HOW22302	HOW22360	—	—	—	—	—	—	—	HOW22365	—	HOW22369A	—
HOW22303	HOW22380	—	—	—	—	—	—	—	—	—	HOW22389A	—
HOW22306	HOW22360	—	—	—	—	—	—	—	HOW22365	—	HOW22369A	—
HOW22307	—	—	—	—	—	—	—	—	—	—	—	—
HOW22320	HOW22330	—	HOW2233103	HOW2233102	HOW22331	HOW22332	HOW22333	HOW22334	HOW22335	HOW223375	—	HOW223310
Lower Replacement Ball Studs												
HOW22410	HOW22430	—	HOW2243103	—	HOW22431	HOW22432	HOW22433	HOW22434	HOW22435	—	—	HOW224310
HOW22412	HOW22440	HOW2244105	HOW2244103	—	HOW22441	HOW22442	HOW22443	HOW22444	HOW22445*	—	—	HOW224410
HOW22412SB	HOW22440SB	—	—	—	—	—	—	—	HOW22445SB	—	—	HOW224410SB
HOW22413	HOW22430	—	—	—	HOW22431	HOW22432	HOW22433	HOW22434	HOW22435	—	—	HOW224310
HOW22414	HOW224140	—	—	—	—	—	—	—	HOW224145	—	—	—
HOW22418	HOW22451	—	—	—	—	—	HOW22454	—	HOW22456	—	—	—
HOW22419	HOW22460	—	—	—	—	—	HOW22463	—	HOW22465	—	—	HOW224610
HOW22420	HOW22470	—	—	—	—	—	—	—	HOW22475	HOW22429S	—	—
HOW22421	HOW22480	—	—	—	—	—	—	—	HOW22485	—	—	—
HOW22423	—	—	—	—	—	—	—	—	—	—	—	HOW2243810
HOW22436	HOW22460	—	—	—	—	—	—	—	—	—	—	HOW224610

* High misalignment stud available **HOW22445HM**.



Precision Tie Rod Ends

Low-friction, alloy-steel balls offer smooth travel, superior strength, and misalignment qualities. Replacement studs that are .500" longer are also available for selected tie rod ends.



Description	Stock Application	Racing Application	Complete Part No.	Moog Part No.	Complete Less Stud Part No.	Replacement Std. Stud Part No.	Replacement +.500" Stud Part No.
RH 3/4"-16 Thread	1961-66 Chevy 4x4	GN Chassis, Lg. Taper	HOW23220	MOGES150R	—	—	—
LH 3/4"-16 Thread	1961-66 Chevy 4x4	GN Chassis, Lg. Taper	—	MOGES150L	HOW23245	—	—
RH 3/4"-16 Thread	1986-96 Dodge 4x4	Most GN Chassis	HOW23240	MOGES2847RT	—	HOW23290	HOW23295
LH 3/4"-16 Thread	1986-96 Dodge 4x4	Most GN Chassis	HOW23250	MOGES2847LT	HOW23245	HOW23290	HOW23295
LH 5/8"-18 Thread	1965-68 Impala/Caprice	Interchanges with 5/8" Rod End	HOW23270	MOGES370L	—	HOW23210	HOW23215
RH 5/8"-18 Thread	1965-68 Impala/Caprice	Interchanges with 5/8" Rod End	HOW23280	MOGES370R	—	HOW23210	HOW23215

Replacement Dust Boot **NEW!** HOW23289

Replacement dust boot fits all Howe precision tie rod ends.



Stock Replacement Racing Centerlinks

Heavy-duty, direct replacement centerlinks have dropped centers for improved engine clearance and provisions for easy bump steer adjustment. Units do not have rod ends and maintain NASCAR legality. Centerlinks listed directly replace TRW centerlinks.



Part No.	Description
HOW23380	1977-96 Impala/Caprice; 1985-90 Riviera; 1977-85 Delta 88; 1977-81 Bonneville, Replaces TRWDS899
HOW23396	1970-73 Camaro, Manual, Replaces TRWDS830
HOW23397	1968-72 Chevelle/Cutlass/Monte Carlo/Lemans, Replaces TRWDS749
HOW23397*	1968-72 Chevelle/Cutlass/Monte Carlo/Lemans, for Corrected Bump Steer on Applications Using Pinto Spindles
HOW23399	1978-87 Monte Carlo/Regal/Gran Prix/Cutlass, Replaces TRWDS909

Related Components

HOW23393	Centerlink Shim, .035"
HOW23394	Centerlink Shim, .062"
HOW2349	Billet Steel Pitman Arm, P.S., Use Howe Centerlink and HOW2342 Idler Arm

* Engineered for use with the HOW2345 Pitman arm and HOW23428 idler arm.

Centerlink Pivot Assembly

Engineered for applications using popular 1970-73 Camaro chassis that desire customized centerlink assemblies.

Part No.	Description
HOW23388	RH, 1970-73 Camaro
HOW23389	LH, 1970-73 Camaro



Billet Idler Arms

Billet steel idler arms are significantly stronger than OEM units, while also offering the added benefit of height adjustment for bump steer. May be rebuilt.

HOW23421



Part No.	Application	Length	Offset	Taper
HOW23421	Camaro	6.0"	0"	1.5"
HOW23422	Camaro	5.5"	0°	1.5"
HOW23428*	Chevelle	4.50"	0"	1.5"
HOW23431	Impala	5.375"	1.25"	1.5"
HOW23432	Small Metric	6.25"	1.125"	1.5"

* Engineered for use with the HOW233973 center link and HOW2345 Pitman arm.

Replacement Idler Arm **NEW!** HOW234321

Replacement arm only for HOW23432.



Idler Arm Spacers HOW32165

Required for height adjustments when using the HOW23428 idler arm.



Billet Pitman Arms

Directly replaces the OEM 1970-80 GM Pitman arm that is no longer available. Billet steel arms are pre-bent to the proper Ackerman and bump steer when used with the Howe center link and idler arm.



Part No.	Application	Length	Offset	Taper
HOW2345*	Chevelle Mod	5"	0"	1.5"
HOW2349	1970-81 Camaro	5"	0.5"	1.5"
HOW23475	Impala	4.5"	1.5"	1.5"

* Engineered for use with the HOW233973 center link and HOW23428 idler arm.

Quick Bump Tie Rod Ends

Tie rod ends offer all of the advantages of Howe's precision tie rod ends plus easy bump steer adjustments. Alloy steel ball studs offer 8° more misalignment than Heim ends and have 5/8"-18 RH threads to screw directly onto a rack or a spindle. Hold in position with a jam nut, and use a 3/8" Allen wrench to adjust bump steer.



Description	Complete Part No.	Housing Only Part No.	Stud Only Part No.
5/8"-18 LH Thread, 1.50" Stud, Rack End	HOW23285	HOW23247	HOW23297
5/8"-18 RH Thread, 3.00" Stud, Spindle End	HOW23286	—	HOW23298
5/8"-18 LH Thread, 3.00" Stud, Spindle End	HOW23287	HOW23247	HOW23298

Bump Steer Spacer Kit HOWR366

Ideal for IMCA/UMP Modifieds using Chevelle stubs, kit includes an assortment of spacers to correct bump steer.



Shouldered Quick Bump Stud

Special stud is designed for use with the stock steering at the spindle, and allows a spacer to be used over the stud to make it stronger when extended.



Part No.	Description
HOW23283	Complete LH
HOW23284	Complete RH
HOW23296	Stud Only
HOW2329610	Stud Only with Boss, +1.00" Longer Than Std. NEW!



Clamp-On Column Mounts

Lightweight aluminum (1.2 lbs.) steering column mount clamps to 1-3/4" dia. tubing and accepts 3/4" steering shaft or heim end.

Part No.	Description	
HOW91995	Fits 1.75" Tubing, Heim Style NEW!	
HOW91997	Fits 1.75" Tubing	HOW91997



Stealth HD 2:1 Steering Quickener HOW522B2

Uses a multiple gear with increased tooth contact area to dramatically improve durability and performance. Compact, lightweight quickener is 2-3/4" in diameter, weighs 2 lbs., and has 36-spline .735" input and output shafts. An in-line input and output reduce friction and gear load.



Basic Steering Quickener

An inexpensive, compact quickener weighing only 2.0 lbs. Features alloy steel gears and a unique tooth design for added durability. Housing is 2-5/8" in diameter, and has 36-spline .735" shafts.

Part No.	Description
HOW5224	2:1
HOW5225	1.5:1



Easy Adjusters

Adjusters fit any car and may be adjusted with a 3/8" drive wrench. Choice of original or new style; for use on sway bars up to 1-3/8" dia.



Original Style Sway Bar Adjuster

Slide it in and weld the threaded bushing in place.

Part No.	Description
HOW23997	Original Style Howe Sway Bar Adjuster
HOW24097	Replacement Bolt and Eye Assembly

New Style Sway Bar Adjuster HOW23990

Compatible with most chassis, adjuster bolts on the right side of the frame. Sway bar rate is set by moving the adjuster ahead and back.



Sway Bar Eye HOW23972

Engineered for use with 1-3/8" or 1-1/2" dia. sway bars.



Sway Bar Clamps

Billet aluminum sway bar clamps prevent changes in rate and pre-load. Install on the inside of each sway bar mounting bolt to prevent shifting. Sold individually.

Part No.	Description
HOW23700	1-1/8" I.D.
HOW23704	1-1/4" I.D.
HOW23705	1-3/8" I.D.
HOW23702	1-1/2" I.D.



Sway Bars

Part No.	Description	Dimensions	Bar Width	Rate
HOW23714	Lightweight Tubular Version of Original Howe Design Sway Bar	1-1/4"	46.5"	385 lbs.
HOW23794	One Piece Adjustable Rate Sway Bar	1-1/4"	45.5"	385 to 578 lbs.
HOW23795	One Piece Adjustable Rate Sway Bar	1-3/8"	45.5"	534 to 802 lbs.



Replacement Components

Part No.	Description
HOW236971	Sway Bar Wear Block Kit, Contains Two Bars, Four Bolts and Two Nuts
HOW23698	Sway Bar Frame Mount with Bolts, Sold Each
HOW23925	Sway Bar Bushing, Delron for Fixed Splined Bar, Sold Each
HOW23980	Sway Bar Adjustable Eye, for Splined Bar, Sold Each
HOW23996	Sway Bar Easy Adjust Weld Nut, for HOW23997, Sold Each



Threaded Aluminum Hex Tubing

Extruded 5/8" or 3/4" O.D. threaded aluminum hex tubes are grooved on one flat to allow counting of the turns needed for adjustments.

Length	5/8" Hex Tube	3/4" Hex Tube
10"	HOWR3310	—
11"	HOWR3311	—
12"	HOWR3312	—
13"	HOWR3313	—
14"	HOWR3314	—
15"	HOWR3315	—
16"	HOWR33116	HOW30616
18"	—	HOW30618
20"	—	HOW30620
22"	—	HOW30622
24"	—	HOW30624



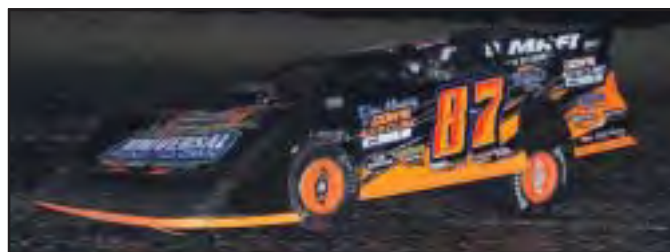
Spring Cage HOW30209

Lightweight aluminum spring cage is used to pre-load 3" x 10" coil-over spring independently from the shock absorber for softer rates and added grip. Also simplifies shock or spring changes.



Load Bolt **NEW!** HOW30051

Fine-thread, 8" long load bolt allows precise suspension adjustments. Bolt has 1"-14 threads and a 3/8" broach.



DAVID MIELKE

STEVE DATEMA



Coil-Over Racing Spring Rubbers

Make quick, precise rate changes to any 2-1/2", 5", or 5-1/2" diameter springs. Made of polyurethane in three hardnesses.



Description	2-1/2" Dia. Part No.	5"/5-1/2" Dia. (Up to 850#) Part No.
Soft Spring Rubber	HOWSA4310	HOWSA1310
Medium Spring Rubber	HOWSA4915	—
Hard Spring Rubber	HOWSA5720	HOWSA1620

5" Coil-Over Adapter HOW30203

5" coil-over adapter allows use of existing 2-1/2" coil-over hardware from AFco, Bilstein, and Pro, adapting them for use with a 5" spring. Powder-coated adapter is very strong, yet lightweight. Sold individually; two required per spring.



Lower Spring Cups

Spring cups bolt to the axle tube and accept 2-1/2" or 5"/5.5" springs

Part No.	Description
HOW30391	Lower Spring Cup, Accepts 5"/5.5" Spring with HOW31991
HOW30392	Lower Spring Cup, Accepts 2-1/2" Spring with HOW31991



Bump Stop Tech 101 HOW89010

Professionally produced by Tony Blanchard of Race 101, DVD illustrates the basic principals and fundamentals of using bump stop set-ups.



Lightweight Steel Panhard Mounts

Strong, lightweight steel mounts have threaded holes on each side for quick, easy Panhard changes. Black anodized mounts fit 1-1/2" or 2" square or rectangular tubing and weigh just over 2 lbs. Bolts are included. IMCA legal.



Part No.	Description
HOW30781	Panhard Mount, 2" x 2"
HOW30782	Panhard Mount, 1-1/2" x 1-1/2"

Cast Steel Panhard Mount HOW30780

Mount clamps to 1-3/4" tubing. Light as aluminum, but legal where aluminum is not allowed.



Cast Steel Clamp-On Trailing Arm Mount HOW31991

Cast steel, two-piece mount has 50% more clamping power than aluminum mounts. Trailing arm holes are threaded 3/4"-10 and the shock mounts are 1/2"-13.



Trailing Arm Easy Adjusters

Perform large or small pinion changes by simply loosening the 3/4" trailing arm bolt and turning the fine-thread adjuster up or down 1/16" per turn. Offered in original or low-profile designs, mounts attach to the frame with two 5/8" bolts.



Part No.	Description
HOW318925L	Left Side, Tall Profile NEW!
HOW318925R	Right Side, Tall Profile NEW!
HOW318927R	Right Side, Original
HOW318927L	Left Side, Original
HOW318928R	Right Side, Low Profile
HOW318928L	Left Side, Low Profile
HOW31899	5/8" Threaded Bushing, 2-1/4" Long Bushing Welds into Frame Rail 4" Apart

Steel Bird Cage HOW31999

Developed with the input of dirt modified racers, steel bird cage incorporates inner bearings to keep weight at a minimum, and is designed to fit a wide variety of chassis. Standard bird cage weighs 10.96 lbs. and features an integrated adjustable shock mount.



Stock Replacement Hubs

Sure to be popular on Modifieds, these lightweight, durable two-piece cast 5 x 5 hubs are a direct replacement for original equipment units. Two-piece design allows using virtually any popular 8-bolt racing rotor.



Part No.	Application
HOW205350	Pinto Spindle Hub Assembly, Includes Hub, Bearings, Races, Seal, Studs, Bolts, and Dust Cover
HOW205351	Impala Spindle Hub Assembly, Includes Hub, Bearings, Races, Seal, Studs, Bolts, and Dust Cover
HOW205345	Chevelle Spindle Hub Only with Races and Studs Installed
HOW205346	Impala Spindle Hub Only with Races and Studs Installed

Pinto/Mustang II Caliper Mounts

Used with the HOW205350 hub, heavy-duty, billet steel mounts fit the popular 1974-80 Pinto/1974-78 Mustang II spindle and accept GM D52 or Metric calipers with an 11-3/4" racing brake rotor.



Part No.	Description
HOW34052	GM D52 Caliper Mount
HOW34055	GM Metric Caliper Mount

4-Piston to GM D52 Caliper Bracket HOW34050

Designed for Wide 5 applications, .100" offset hybrid caliper bracket adapts 4-piston brake application to GM D52 calipers. Meets various track or sanctioning body rules.



Superlite Spindle Caliper Mount HOW34080 **NEW!**

Bracket welds to spindle and accepts Wilwood Superlite brake caliper.



Superlite Style Caliper Bracket HOW340910

Caliper bracket is machined from 3/8" HR 1020 steel and designed to fit any Superlite 4-piston caliper. Clamp-on style with 3-1/2" mount spacing and manufactured with threaded 7/16"-20 mounting holes. Sold each.



GM D52 Single-Piston Calipers

Steel calipers replace GM D52 single-piston calipers. Choice of no-name or cast with the Howe name, in two piston sizes.



Description	Caliper Part No.	No Name Caliper Part No.	O-Ring Kit	Dust Boot Kit (4)
Single-Piston Caliper, 2.937"	HOW337	HOW3370	HOW3376	HOW3377
Single-Piston Caliper, 2.625"	HOW33658	HOW33705	HOW33761	HOW33771

Aluminum GM Dual-Piston Calipers

GM-type Aluminum dual-piston calipers provide maximum braking. Caliper applies even pressure to the pads, preventing uneven pad wear. Use with 1.25" thick rotors.



Description	Caliper Part No.	Piston Part No.	O-Ring Kit Part No.
Double Piston Caliper, 2.125"	—	HOW3366218	HOW33706
Double Piston Caliper, 1.875"	—	—	HOW33707
Double Piston Caliper, 1.625"	HOW33703	—	—

GM Caliper Bolts

Bolts have a shoulder to take the place of the troublesome stock spacer. Standard or hardened bolts have 5/8" hex heads and are sold two per package.



Part No.	Description
HOW337B	GM Caliper Bolts (2), Standard
HOW337BH	GM Caliper Bolts (2), Hardened

GM Metric Single-Piston Calipers

Howe's GM metric calipers are lighter with improved cooling. The fluid port and the bleeder have been machined to 1/8" NPT so calipers can be mounted on the right or left. Calipers are compatible with 1" or 1-1/4" width rotors and available with 2.625" or 2.75" dia. pistons. The stock casting numbers have been left intact and calipers have no brand name.



Part No.	Description
HOW3368	GM Metric Caliper, 2.75" Piston
HOW3369	GM Metric Caliper, 2.625" Piston

G3 Master Cylinder

The innovative G3 uses relocated fluid ports away from the piston seal, allowing a more compact and lightweight master cylinder, while also extending seal life. Design also reduces brake pad drag due to the open port design. May be fitted with a remote- or direct-mount fluid reservoir. Choose from standard cylinders, or for protection from heat or rocks, shielded cylinders.



Description	Shielded Master Cylinder with Reservoir Part No.	Remote Master Cylinder Part No.	Master Cylinder Only Part No.	Seal Kit Part No.
3/4" Bore	HOW524412SK	—	HOW524312	HOW524312K
7/8" Bore	HOW524414SK	—	HOW524314	HOW524314K
1" Bore	HOW524416SK	HOW524516	HOW524316	HOW524316K

Part No.	Description
Replacement Components	
HOW524350	Tank Only
HOW524351	Cap Only
HOW524352	Cap Gasket Only

Dial Display Brake Bias Adjuster HOW52620

Dial display adjuster allows the driver to quickly see where brake balance is set. After setting the unit to "0", the number of turns in either direction is indicated on the dial. Unit includes 48" of flex cable with sheathing and decals to indicate direction.



Hydraulic Throw-Out Bearing for Racing Clutches **NEW!** HOW8286

New and improved, and the lightest hydraulic throw-out bearing currently available. Bearing is manufactured from billet aluminum and is compatible with most reduced diameter racing clutches including Quarter Master and Tilton 4.5", 5.5" and 7.25". Will not work with a stock clutch or Ram coupler. Fully compressed, the unit is 2.311" thick and needs at least .125" working clearance. Weighs just 1.8 lbs.



Hydraulic Throw-Out Bearing for Stock Clutches

A much smaller bearing made to fit behind clutches with stock thickness. Kits include conical shims to fit the bearing to zero clearance.



Part No.	Description
HOW82870	Hydraulic Throw-Out Bearing Kit, Saginaw/Muncie/B-W T-10/Jerico
HOW82876	Hydraulic Throw-Out Bearing Kit, B-W T-5 (Except Ford versions)
Replacements Components	
HOW82871	Replacement O-Ring Kit for HOW82870, 2006 and Earlier Bearings
HOW828715	Replacement O-Ring Kit for HOW82870 New Style
HOW82872	Replacement Throw Out Bearing
HOW82873	Replacement Shim Kit for HOW82870
HOW82874	Replacement 5/16"-18 Stud



Hydraulic Throw-Out Bearing Bleed Kits

Kit allows replacing the existing hydraulic throw-out bearing bleeder so bearing can be bled from outside the bellhousing. Each kit includes all lines and fittings.



Part No.	Description
HOW8287	Remote Bleed Kit for HOW82870 Throw-Out Bearing
HOW8289	Remote Bleed Kit for HOW8286 Racing Throw-Out Bearing

Hydraulic Coupler Assembly [HOW8290](#)

Re-install the throw-out bearing without losing fluid or re-bleeding.



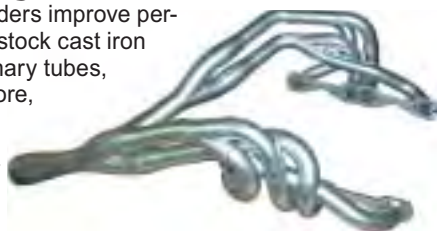
Clutch Pedal [HOW52992](#)

Durable, lightweight cast aluminum clutch pedal assembly weighs just 1-1/4 lbs. and has a black finish.



Chevy "Iron Lung" Headers [HOWH8105](#)

Merged 6 times, headers improve performance when using stock cast iron heads. The 1-3/4" primary tubes, when used with a 5" core, 2-into-1 muffler, yield increases of up to 25 horsepower and 15 ft./lbs. of torque, an advantage for cars with unported heads and/or 2bbl. carburetors. "Iron Lung" headers should not be used on engines with less than 10:1 compression.



SB Chevy Header Gaskets [HOWH9950](#)



Standard Chevy header gaskets are sold each.

Merge Mufflers

Lighter and more compact than traditional Y-pipe muffler combinations. Muffler uses two 3-1/2" diameter inlets that merge into the muffler core. Assembly has a 7" dia. case and includes an inner core that gradually expands to a 5" diameter outlet. Offered in two different lengths; the 29" version is engineered for maximum performance, while the 21" model is offered to help reduce weight and length.



Part No.	Description
HOWH3098	3-1/2" Inlet to 5" Outlet, 7" Case Dia. x 29" Length
HOWH3099	3-1/2" Inlet to 5" Outlet, 7" Case Dia. x 21" Length
HOWH3100	3" Inlet to 5" Outlet, 7" Case Dia. x 21" Length NEW!

2-into-1 Mufflers

Available in different lengths to meet various sound limits. All straight-through mufflers have 7" cases and should be used with Howe Y-pipe.

Part No.	Description
Mufflers	
HOWH3010	2-into-1 Muffler, 10" Long
HOWH3015	2-into-1 Muffler, 15" Long
Related Components	
HOWH10031	16" Long, 5" Dia. Pipe
HOWH2005	Short Turn Down, 8" Long
HOWH20051	Long Turn Down, 9-1/2" Long
HOWH2021	2-into-1 (3.5" to 5") Y-Pipe
HOWH2022	2-into-1 (3.0" to 5") Y-Pipe
HOWH2100	Elbow Kit, (2) 3-1/2", 45° Elbows, (1) 3-1/2", 20° Elbow
HOWH2108	Small 45° Elbow, 3-1/2" Dia.
HOWH2128	20° Elbow, 3-1/2" Dia.
HOWH3000	Replacement Muffler Packing
HOWH4022	2-into-1 (3.0" to 4.0") Y-Pipe



Muffler [HOWH3002](#)

3-1/2" x 30" round muffler has a 98 decibel rating.



SB Ford Rear Motor Mount

Short rear motor mounts, designed for small block Ford 289-351W, bolt to the rear of a Quarter Master bellhousing. Fabricated from durable, 1/4" thick HR steel.



Part No.	Description
HOW36401	SB Ford Rear Motor Mounts
HOW36401L	SB Ford Left Rear Motor Mount Only NEW!

Aluminum Crossflow Radiators

Highly efficient tube-to-fin bond delivers maximum heat transfer and dissipation. All-aluminum radiators are 100% TIG-welded and have no epoxy.



Part No.	Application	Height	Total Width	Core Width
HOW34224	Chevy	19"	23-3/4"	20"
HOW342A	Chevy	19"	26"	22-1/2"
HOW342A16	Chevy w/-16 Inlet	19"	26"	22-1/2"
HOW342A28	Chevy	19"	28"	24-1/2"
HOW342A28F	Ford	19"	28"	24-1/2"
HOW342A28NF	Chevy-No Filler	19"	28"	24-1/2"
HOW342A2816	Chevy, -16AN Inlet	19"	28"	24-1/2"
HOW342A2816NF	Chevy, -16AN Inlet, No Filler	19"	28"	24-1/2"
HOW342AA	Chevy	16"	27-1/2"	24"
HOW342AAF	Ford	16"	27-1/2"	24"
HOW342ANF	Chevy-No Filler	19"	26"	22-1/2"
HOW342B	Chevy	19"	22"	18"
HOW342BF	Ford	19"	22"	18"
HOW342E	Chevy	19"	31"	27-1/2"

Aluminum Dual-Pass Radiators

Dual-pass radiators force the water across the core two times before exiting.



Part No.	Application	Height	Total Width	Core Width
HOW34327RNF	Chevy, No Filler	16"	27-1/2"	24-1/2"
HOW34328RNF	Chevy, No Filler	19"	27-3/4"	24-1/2"
HOW34331RNF	Chevy, No Filler	19"	30-3/4"	27-1/2"

Aluminum Crossflow Radiator with Built-In Heat Exchanger

Heat exchanger warms cold oil and cools hot oil with less flow restriction. Installation is easy, with no water lines to run and no oil cooler to mount. Complete with 1/2" NPT bungs.



Part No.	Application	Height	Total Width	Core Width
HOW34127C	Chevy	19"	27"	22-1/2"
HOW34129C	Chevy	19"	29"	24-1/2"
HOW34132C	Chevy	19"	32"	27-1/2"
HOW34127F	Ford	19"	27"	22-1/2"
HOW34129F	Ford	19"	29"	24-1/2"

Radiator Mount Kit HOW34203

Kit includes (2) HOW342024 lower mounts and (1) HOW342025 aluminum upper clamp.



Bolt-On Tow Hook NEW! HOW9020

Universal bolt-on tow hook features a built-in swivel to allow eased hook-up and towing. Red painted steel. Required by many tracks. Sold each.



Radiator Surge Tank HOW3424

Aluminum horizontal surge tank for crowded engine bays is 4-3/8" tall x 6" fittings.



90° Radiator Outlets

Mandrel-bent tube provides a smooth flow of coolant. May be trimmed to change angle.

Part No.	Description
HOW3430	90° Bend, 1-1/2" Dia.
HOW3433	90° Bend, 1-3/4" Dia.



Carburetor Tote Box HOW8610

Durable polypropylene tote protects expensive carbs from dirt and the elements, whether in the pits or on the shelf. Fits 2- and 4-barrel Holley carbs.

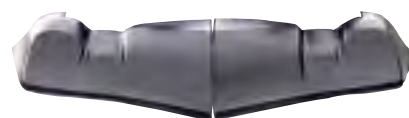


Upper Seat Mount HOW330647 NEW!

Wide fabricated steel seat mount helps secure rear upper portion of most popular racing seats to roll cage, improving seat rigidity and driver safety.



Nose Panels



Part No.	Description
1981 Camaro	
HOWB722	1981 Camaro Nose Panel (Upper), Black
HOWB824	1981 Camaro Lower Spoiler, Black

Billet Radiator Filler Neck

Aluminum filler necks have thick, weldable bases and sturdy cap retention rings. Threaded for 1/8" to accept an overflow hose barb.



Part No.	Description
HOW34301	Billet Radiator Filler Neck
HOW3434	1/8" NPT Filler Overflow Fitting



MIKE "BUBBA" BROOKS



LOUIS MILLER

ANDY BARRAND



Shifter Knobs

Durable high-impact plastic knobs have a classic appearance. Knobs fit Hurst chrome steel sticks with 3/8"-16 or 3/8"-24 threads and Hurst aluminum sticks with 7/16"-20 threads.



Description	White Part No.	Black Part No.
Classic 4-Speed, 3/8"-16	HUR163-0003	HUR163-0103
Classic 4-Speed, 3/8"-24	HUR163-0002	—
Std. 4-Speed, 3/8"-16	HUR163-7626	—
Quarter Stick, 7/16"-20	HUR163-1036	—

Shifter Boots

Chrome trim plate and mounting hardware are included with boots.

Part No.	Description
HUR114-4580	B-4 Boot and Plate, 3-1/2" x 4-1/2"
HUR114-7494	Super Boot and Plate, 7-3/4" x 8-3/4"
HUR114-8429	Indy Boot and Plate, 3-1/2" x 4-1/2"



Roll Control

Often used for right front brake shut-off. System includes indicator light, in-line fuse holder, on/off remote button switch, and instructions. Installation kit includes assorted brass fittings.

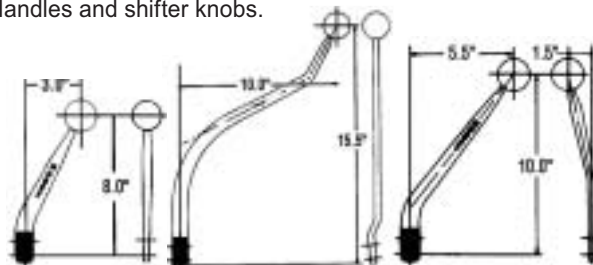


HUR174-5000

Part No.	Description
HUR174-5000	Roll Control
HUR567-1510	Roll Control Installation Kit

Chrome-Plated Steel Sticks

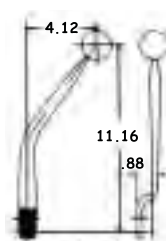
Hurst chrome-plated steel sticks are manufactured with famous Hurst quality. Embossed with the Hurst name, all-steel sticks incorporate a 3/8"-16 thread for use with a variety of Hurst T-Handles and shifter knobs.



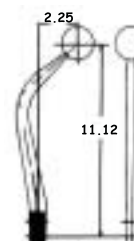
[HUR538-0015](#)

[HUR538-4078](#)

[HUR538-4106](#)



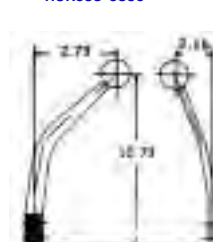
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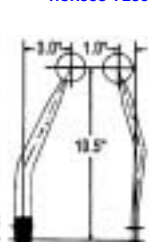
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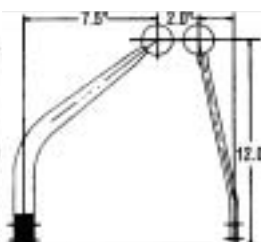
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[HUR538-7436](#)



[HUR538-8009](#)



[HUR538-8022](#)



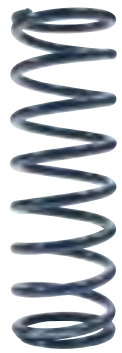
2-1/2" I.D. Ultra High-Travel Coil-Over Springs

Rapidly growing in popularity with chassis builders and suspension tuning specialists, UHT (Ultra High Travel) coil-over springs combine the benefits of extreme travel, rate linearity, and consistency in free length/installed height. Springs design offers a larger "body bulge" compared to standard OBD (Optimum Body Diameter) designs, allowing increased deflection and resistance to bowing. Ideally suited to the requirements of light-rate/high-travel or soft-spring/big-bar coil-over applications. Blue powder-coated springs are offered in 12", 14", 15", and 16" heights.

Rate	12" Tall	14" Tall	15" Tall	16" Tall
100	—	—	—	HYP16B0100UHT
110	HYP12B0110UHT	—	HYP15B0110UHT	HYP16B0110UHT
125	HYP12B0125UHT	HYP14B0125UHT	—	HYP16B0125UHT
138	—	—	—	HYP16B0138UHT
140	—	HYP14B0140UHT	—	—
150	HYP12B0150UHT	HYP14B0150UHT	—	HYP16B0150UHT
162	HYP12B0162UHT	—	—	—
165	—	HYP14B0165UHT	—	—
175	HYP12B0175UHT	HYP14B0175UHT	—	HYP16B0175UHT
185	HYP12B0185UHT	HYP14B0185UHT	—	—
200	HYP12B0200UHT	HYP14B0200UHT	—	HYP16B0200UHT
212	HYP12B0212UHT	—	—	—
225	HYP12B0225UHT	HYP14B0225UHT	—	HYP16B0225UHT
237	HYP12B0237UHT	—	—	—
250	HYP12B0250UHT	HYP14B0250UHT	—	HYP16B0250UHT
275	HYP12B0275UHT	—	—	—
300	HYP12B0300UHT	—	—	—
325	HYP12B0325UHT	—	—	—



Hyperco coil springs are recognized by top competitors worldwide as one of the best available. Hyperco starts with the highest quality wire. Inspections are performed before, during, and after manufacturing to meet stringent quality standards. All Hypercoils are dark blue powder coated (except black rear pigtail springs) and etched with the rate.



2-1/2" I.D. Coil-Over Springs

Blue Powder Coated

Rate	4" Tall	6" Tall	7" Tall	8" Tall	10" Tall	12" Tall	14" Tall	16" Tall
85	—	—	—	—	HYP1810B085	HYP1812B085	HYP1814B085	—
95	—	—	—	—	—	HYP1812B095	—	—
100	—	—	HYP187B0100	HYP188B0100	—	—	HYP1814B0100	—
110	—	—	—	—	HYP1810B0110	HYP1812B0110	HYP1814B0110	—
125	—	—	HYP187B0125	HYP188B0125	HYP1810B0125	HYP1812B0125	HYP1814B0125	—
138	—	—	—	—	—	—	HYP1814B0138	—
150	—	—	HYP187B0150	HYP188B0150	HYP1810B0150	HYP1812B0150	HYP1814B0150	—
160	—	—	—	—	—	—	HYP1814B0160	—
162	—	—	—	—	HYP1810B0162	—	—	—
175	—	—	HYP187B0175	HYP188B0175	HYP1810B0175	HYP1812B0175	HYP1814B0175	—
185	—	—	—	—	—	HYP1812B0185	HYP1814B0185	—
200	—	—	HYP187B0200	HYP188B0200	HYP1810B0200	HYP1812B0200	HYP1814B0200	—
225	—	—	HYP187B0225	HYP188B0225	HYP1810B0225	HYP1812B0225	HYP1814B0225	—
250	—	—	HYP187B0250	HYP188B0250	HYP1810B0250	HYP1812B0250	HYP1814B0250	HYP1816B0250
275	—	—	HYP187B0275	HYP188B0275	HYP1810B0275	HYP1812B0275	HYP1814B0275	—
300	—	HYP186B0300	HYP187B0300	HYP188B0300	HYP1810B0300	HYP1812B0300	HYP1814B0300	—
325	—	—	HYP187B0325	HYP188B0325	HYP1810B0325	HYP1812B0325	HYP1814B0325	—
350	HYP184B0350	HYP186B0350	HYP187B0350	HYP188B0350	HYP1810B0350	HYP1812B0350	HYP1814B0350	—
375	—	—	HYP187B0375	HYP188B0375	HYP1810B0375	HYP1812B0375	HYP1814B0375	—
400	HYP184B0400	HYP186B0400	HYP187B0400	HYP188B0400	HYP1810B0400	HYP1812B0400	HYP1814B0400	—
425	—	—	—	HYP188B0425	HYP1810B0425	HYP1812B0425	—	—
450	HYP184B0450	HYP186B0450	HYP187B0450	HYP188B0450	HYP1810B0450	HYP1812B0450	HYP1814B0450	—
475	—	—	—	HYP188B0475	HYP1810B0475	HYP1812B0475	—	—
500	HYP184B0500	HYP186B0500	HYP187B0500	HYP188B0500	HYP1810B0500	HYP1812B0500	HYP1814B0500	—
525	—	—	—	HYP188B0525	HYP1810B0525	—	—	—
550	—	HYP186B0550	HYP187B0550	HYP188B0550	HYP1810B0550	HYP1812B0550	—	—
575	—	—	—	—	HYP1810B0575	—	—	—
600	HYP184B0600	HYP186B0600	HYP187B0600	HYP188B0600	HYP1810B0600	HYP1812B0600	—	—
650	—	HYP186B0650	HYP187B0650	HYP188B0650	HYP1810B0650	HYP1812B0650	—	—
700	HYP184B0700	HYP186B0700	HYP187B0700	HYP188B0700	HYP1810B0700	HYP1812B0700	—	—
750	—	HYP186B0750	HYP187B0750	HYP188B0750	—	HYP1812B0750	—	—
800	—	—	HYP187B0800	HYP188B0800	HYP1810B0800	HYP1812B0800	—	—
850	—	—	HYP187B0850	HYP188B0850	—	HYP1812B0850	—	—
900	—	HYP186B0900	HYP187B0900	HYP188B0900	HYP1810B0900	—	—	—
1000	—	HYP186B1000	—	HYP188B1000	—	—	—	—
1100	—	HYP186B1100	—	—	—	—	—	—
1200	—	HYP186B1200	—	—	—	—	—	—

2-1/2" I.D. Dual-Rate UHT Coil-Over Springs

Dual-rate, ultra-high-travel 2-1/2" I.D. coil-over springs utilize a light rate section that includes closely wound coils, while the higher rate features wider-spaced coils. Wide coil spacing allows tuning the secondary rate using spring rubbers.

Part No.	Free Length	Initial Rate	Secondary Rate
HYP12B0175/350UHT	12"	175	350
HYP12B0200/425UHT	12"	200	425
HYP12B0230/700UHT	12"	230	700
HYP14B0230/700UHT	14"	230	700
HYP14B0175/350UHT	14"	175	350
HYP14B0200/425UHT	14"	200	425
HYP16B0138/375UHT	16"	138	375



Take-Up Springs

Springs keep coil-overs properly indexed in platforms. Should be used with stacked spring divider [HYP18DS100](#).



HYP18DS100

HYP18DS100

Part No.	Description
HYP18DS100	2-1/2" I.D. x 4" Free Length, 25-lb. Rate
HYP18DS100	2-1/2" I.D. x 6" Free Length
HYP18DS100	Stacked Spring Divider, Couples 2-1/2" I.D. Take-Up Spring

Hydraulic Load-Centering Spring Perch

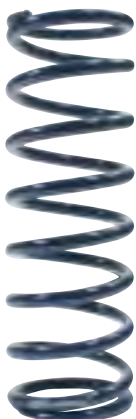
Perch fits on top of a 2-1/2" I.D. coil-over to correct the uneven load characteristics of coil-over springs, and centers spring forces on the shocks to reduce bending and internal friction.



1-7/8" I.D. Coil-Over Springs

Blue Powder Coated

Rate	8" Tall	10" Tall
100	—	HYP1810D0100
112	—	HYP1810D0112
125	HYP188D0125	HYP1810D0125
137	—	HYP1810D0137
150	HYP188D0150	HYP1810D0150
162	—	HYP1810D0162
165	HYP188D0165	—
175	HYP188D0175	—
185	—	HYP1810D0185
200	HYP188D0200	HYP1810D0200
225	HYP188D0225	HYP1810D0225
240	HYP188D0240	—
250	HYP188D0250	HYP1810D0250
275	—	HYP1810D0275
300	—	HYP1810D0300
325	—	HYP1810D0325
350	—	HYP1810D0350
375	—	HYP1810D0375
400	—	HYP1810D0400
450	—	—
500	—	HYP1810D0500



3" I.D. Coil-Over Springs

Blue Powder Coated

Rate	10" Tall	12" Tall	14" Tall	16" Tall
80	HYP1810E080	—	—	—
100	HYP1810E0100	HYP1812E0100	—	HYP1816E0100
125	HYP1810E0125	HYP1812E0125	—	—
150	HYP1810E0150	HYP1812E0150	HYP1814E0150	HYP1816E0150
162	HYP1810E0162	—	—	—
175	HYP1810E0175	HYP1812E0175	—	—
200	—	HYP1812E0200	—	—
225	HYP1810E0225	—	—	—



3" I.D. X 14" Tall UHT Coil-Over Springs

Blue Powder Coated

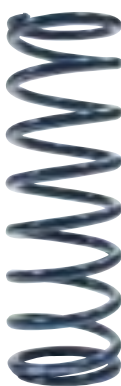
Rate	Part No.
160	HYP14E0160UHT
200	HYP14E0200UHT



2.25" I.D. Coil-Over Springs

Blue Powder Coated

Rate	5" Tall	6" Tall	7" Tall	8" Tall
200	—	—	—	HYP188A0200
225	—	—	—	HYP188A0225
250	—	—	HYP187A0250	HYP188A0250
275	—	—	—	HYP188A0275
300	—	—	—	HYP188A0300
325	—	—	HYP187A0325	HYP188A0325
350	—	—	HYP187A0350	HYP188A0350
375	—	—	HYP187A0375	HYP188A0375
400	—	—	HYP187A0400	HYP188A0400
425	—	—	HYP187A0425	HYP188A0425
450	—	—	HYP187A0450	HYP188A0450
475	—	—	HYP187A0475	—
500	HYP185A0500	HYP186A0500	—	HYP188A0500
550	HYP185A0550	HYP186A0550	HYP187A0550	HYP188A0550
600	—	HYP186A0600	—	HYP188A0600
650	—	HYP186A0650	HYP187A0650	HYP188A0650
700	—	HYP186A0700	HYP187A0700	HYP188A0700
750	—	HYP186A0750	—	HYP188A0750
800	—	HYP186A0800	HYP187A0800	HYP188A0800
850	HYP185A0850	—	—	—
900	—	—	—	HYP188A0900
1000	—	—	—	HYP188A1000



Bump Springs

Designed to be used in conjunction with a primary spring, bump springs allow the car to have a relatively soft initial spring rate and achieve the optimum ride height, while increasing the rate to achieve a constant "dynamic ride height".

Part No.	Free Length	O.D.	I.D.	Design Load
HYP24BS0400	2.400"	1.920"	1.410"	497
HYP24BS0500	2.400"	1.954"	1.410"	580
HYP24BS0600	2.400"	1.976"	1.410"	690
HYP24BS0700	2.400"	2.000"	1.338"	774
HYP24BS0800	2.400"	1.928"	1.338"	887
HYP24BS1000	2.400"	1.950"	1.338"	1073
HYP24BS1200	2.400"	1.940"	1.300"	1265
HYP24BS1400	2.400"	1.962"	1.300"	1464
HYP24BS1600	2.400"	1.940"	1.260"	1565
HYP20BS1800	2.000"	1.980"	1.300"	1354
HYP20BS2000	2.000"	1.960"	1.260"	1316
HYP20BS2250	2.000"	1.960"	1.260"	1510
HYP20BS2500	2.000"	1.940"	1.220"	1671
HYP20BS3000	2.000"	1.970"	1.220"	1967
HYP20BS3500	2.000"	1.944"	1.180"	2000
HYP20BS4000	2.000"	1.960"	1.180"	2000
HYP20BS4500	2.000"	1.960"	1.180"	2000
HYP20BS5000	2.000"	1.960"	1.180"	2000
HYP20BS6000	2.000"	2.038"	1.180"	2500
HYP20BS7000	2.000"	2.054"	1.180"	2500
HYP20BS8000	2.000"	2.106"	1.180"	2500



2-1/4" I.D. Helper Spring

HYPHELPERSPRG-2.25

Special helper spring installs between the coil-over spring and shock nut, keeping the coil-over spring loaded when the chassis is raised, while preventing the spring from getting out of adjustment.



Conical Suspension Springs

SB Series conical springs include a 5" O.D. like a conventional spring on one end and a 2-1/2" I.D. at the opposite end, and offer a linear spring rate from free length to solid height. They may be used as coil-overs or conventional springs when combined with the necessary hardware.

Part No.	Description	Height	Rate
HYP1816SB0125	2.5" I.D.-5" O.D. Spring	16"	125 lbs.
HYP1818SB095	2.5" I.D.-5" O.D. Spring	18"	95 lbs.
HYP1818SB0110	2.5" I.D.-5" O.D. Spring	18"	110 lbs.



Conventional Coil Springs

Front Springs - Blue Powder Coated

Rate	5.0" O.D. 9.5" Tall Y Prefix	5.0" O.D. 9.9" Tall Y Prefix	5.0" O.D. 10.5" Tall Y Prefix	5.5" O.D. 9.5" Tall Z Prefix	5.5" O.D. 11" Tall Z Prefix	5.5" O.D. 12" Tall Z Prefix
300	HYP18Y0300	—	—	HYP18Z0300	—	—
350	—	HYP18Y0350-9.9	HYP18Y0350-10.5	HYP18Z0350	—	—
375	—	HYP18Y0375-9.9	—	—	—	—
400	—	HYP18Y0400-9.9	HYP18Y0400-10.5	HYP18Z0400	—	—
425	—	HYP18Y0425-9.9	—	—	—	—
450	—	HYP18Y0450-9.9	HYP18Y0450-10.5	HYP18Z0450	—	—
475	—	HYP18Y0475-9.9	—	—	—	—
500	HYP18Y0500	HYP18Y0500-9.9	—	HYP18Z0500	—	—
525	HYP18Y0525	—	—	—	—	—
550	HYP18Y0550	HYP18Y0550-9.9	—	HYP18Z0550	—	—
575	HYP18Y0575	—	—	—	—	—
600	HYP18Y0600	—	—	HYP18Z0600	—	—
625	HYP18Y0625	—	—	—	—	—
650	HYP18Y0650	—	—	HYP18Z0650	—	—
700	HYP18Y0700	—	—	HYP18Z0700	—	—
750	HYP18Y0750	—	—	HYP18Z0750	—	—
800	HYP18Y0800	—	—	HYP18Z0800	HYP18Z0800-11	HYP18Z0800-12
850	HYP18Y0850	—	—	HYP18Z0850	—	—
900	HYP18Y0900	—	—	HYP18Z0900	HYP18Z0900-11	HYP18Z0900-12
950	HYP18Y0950	—	—	HYP18Z0950	—	—
1000	HYP18Y1000	—	—	HYP18Z1000	HYP18Z1000-11	HYP18Z1000-12
1050	HYP18Y1050	—	—	HYP18Z1050	—	—
1100	—	—	—	HYP18Z1100	HYP18Z1100-11	HYP18Z1100-12
1200	—	—	—	HYP18Z1200	HYP18Z1200-11	HYP18Z1200-12
1300	—	—	—	—	HYP18Z1300-11	HYP18Z1300-12
1320	—	—	—	HYP18Z1320	—	—
1440	—	—	—	HYP18Z1440	—	—

Rear Springs - Blue Powder Coated - Flat Both Ends

Rate	5.0" O.D. 11" Tall SN Prefix	5.0" O.D. 13" Tall S Prefix	5.0" O.D. 16" Tall SNU Prefix	5.0" O.D. 20" Tall SNT
50	—	—	HYP18SNU-050	HYP18SNT-050
80	—	—	—	HYP18SNT-080
85	—	—	HYP18SNU-085	—
100	—	HYP18S-100	HYP18SNU-100	HYP18SNT-100
125	HYP18SN-125	HYP18S-125	HYP18SNU-125	HYP18SNT-125
150	HYP18SN-150	HYP18S-150	HYP18SNU-150	HYP18SNT-150
165	—	HYP18S-165	—	—
175	HYP18SN-175	HYP18S-175	HYP18SNU-175	—
185	—	HYP18S-185	—	—
200	HYP18SN-200	HYP18S-200	HYP18SNU-200	—
225	HYP18SN-225	HYP18S-225	HYP18SNU-225	—
250	HYP18SN-250	HYP18S-250	HYP18SNU-250	—
275	HYP18SN-275	HYP18S-275	—	—
300	HYP18SN-300	HYP18S-300	—	—
325	HYP18SN-325	HYP18S-325	—	—
350	HYP18SN-350	HYP18S-350	—	—
400	HYP18SN-400	—	—	—
450	HYP18SN-450	—	—	—

Rear Pigtail Springs

Rate	Single Pigtail 5.5" O.D., 11" Tall SNP Prefix	Single Pigtail 5.5" O.D., 12" Tall SNP Prefix	Double Pigtail 7" O.D., 14" Tall SDP Prefix
175	HYP18SNP11-175	HYP18SNP12-175	HYP18SDP-175
200	HYP18SNP11-200	HYP18SNP12-200	HYP18SDP-200
225	HYP18SNP11-225	HYP18SNP12-225	HYP18SDP-225
250	HYP18SNP11-250	HYP18SNP12-250	—
275	HYP18SNP11-275	HYP18SNP12-275	—
300	—	HYP18SNP12-300	HYP18SDP-300

5" I.D. x 5" Tall Rear Stacking Springs

Springs allow conventional rear primary spring to be stacked with a secondary spring to create a tunable series/dual-rate spring assembly, making for a softer initial spring rate and stiffer secondary rate. Requires an aftermarket spring coupler for proper operation.

Rate	Part No.
200	HYP18SS-200
300	HYP18SS-300
400	HYP18SS-400

Progressive Pull Bar Springs

Springs are 5" O.D. x 7" tall.

Part No.	Description
HYP600-1200	600/1,200
HYP900-1300	900/1,300

Linear Conventional Pull Bar Spring HYP1225PB

Spring is 5" O.D. x 6.625" free length.

Detroit Locker Spring HYPLOCKERSPRG

Directly replaces the stock spring in Ford 9" rear ends with Detroit Lockers.

Composite Leaf Springs

Aerospace epoxy matrix composite is 70% lighter than steel with quicker response, higher yield strength and better retention. Springs are molded to the exact shape to resist relaxing. Initial costs are greater, but composite springs will last five times longer than steel.

Part No.	Rate	Arch	Front Bolt Dia.	Rear Bolt Dia.
Chrysler Composite Leaf Springs				
HYP10230	175	4.5"	.625"	.500"
HYP10231	200	4.5"	.625"	.500"
HYP10240	225	4.5"	.625"	.500"
Chevy Camaro Composite Leaf Springs				
HYP11340	175	4.5"	.562"	.500"
HYP11342	200	4.5"	.562"	.500"
HYP11344	225	4.5"	.562"	.500"
HYP11348	250	4.5"	.562"	.500"
Corvette C4 Rear Composite Leaf Spring				
HYP1241HPS*	228	—	—	—

*Signifies high-performance street, EZ Ride series spring.

TECH TIP

Conventional Coil Springs Reference

- 5" front springs fit 1964-72 Chevelle, 1967-69 Camaro, and 1968-74 Nova
- 5-1/2" front springs fit 1973-up Chevelle, 1970-up Camaro, 1975-up Nova, and most Fords

Spring Covers **NEW!**

Designed to not only prevent dirt and debris from contaminating costly shock components but also effective in keeping shock/spring set-up confidential. Fabric covers are breathable, water repellent, and heat resistant up to 450°F, while also being washable for multiple use.



Part No.	Description
HYP1101-12B	2-1/2" I.D. x 12" FL "B" Series Springs
HYP1101-12BUHT	2-1/2" I.D. x 12" FL "B" Series UHT Springs
HYP1101-14B	2-1/2" I.D. x 14" FL "B" Series Springs
HYP1101-14BUHT	2-1/2" I.D. x 14" FL "B" Series UHT Springs
HYP1101-16B	2-1/2" I.D. x 16" FL "B" Series Springs

Part No.	Description
HYP1101-16E	3.0" I.D. x 16" FL "E" Series Springs
HYP1101-18E	3.0" I.D. x 18" FL "E" Series Springs
HYP1101-20G	3.75" I.D. x 20" FL "G" Series Springs
HYP1101-22G	3.75" I.D. x 22" FL "G" Series Springs
HYP1101-7PB	5.00" I.D. Linear/Progressive Pull Bar Springs

HYLOMAR®

Hylomar M Blue

The original Hylomar. Non-setting gasket and jointing compound is used by OEM's from around the world. Resistant to lubricants and fuels, product features a wide operating temperature range of -58 to 482°F.

Part No.	Description
HYL61306	Hylomar M Blue, 8.45-oz. Brush-Top Can
HYL61311	Hylomar M Blue, 6.76-oz. Aerosol Can
HYL61314	Hylomar M Blue, 1.35-oz. Tube

Hylomar Cleaner **HYL61701**

Product removes Hylomar gasket and jointing compound, reducing precious clean-up and rebuild time. Sold in 13.53-oz. aerosol can.



Hylasil

RTV silicone sealants may be used to seal engines, transmissions, and differentials. Product may be used to replace traditional gaskets and remains permanently flexible. Resistant to automotive fluids except fuels. Sold in 3.0-oz. tubes.

Part No.	Description
HYL61405	Gray Silicone RTV Sealant
HYL61411	Hi-Temp Silicone RTV Sealant
HYL61413	Black Silicone RTV Sealant



Hylogrip Thread Sealant

Specially formulated to seal and lock threaded joints. HY5172 includes the addition of PTFE, which considerably reduces the tightening of threaded joints. Sold in .34 or 1.69-oz. bottles.

Description	.34-oz. Bottle	1.69-oz. Bottle
HYL2413 Thread Locker	HYL61802	HYL61803
HYL2170 Thread Locker	HYL61807	HYL61808
HYL5172 Thread Locker with PTFE	—	HYL61818



NEW VENDOR!

FHR Series Pistons

Affordable, durable Forged Head Relief (FHR) 4032 alloy street/strip pistons accept 5/64" top, 5/64" second, and 3/16" oil rings. Sets of eight include wrist pins and Tru-Arc lock rings.



Part No.	Description	Bore	Stroke	Rod Length	Comp. Ratio	Head Volume
Small Block Chevrolet 283-400						
ICNIC9913.030	Flat Top	4.030"	3.480"	5.700"	10.2:1	-6.4cc
ICNIC9913.040	Flat Top	4.040"	3.480"	5.700"	10.2:1	-6.4cc
ICNIC9933.030	Dome	4.030"	3.480"	5.700"	12.0:1	6cc
ICNIC9941.030	Flat Top	4.155"	3.750"	5.700"	11.9:1	-3.7cc

Premium Forged Series Pistons

Forged 2618 alloy pistons have dual forced pin oiling, deep valve relief pockets, and accept 1/16" top, 1/16" second, and 3/16" oil rings. Lateral gas porting on selected pistons further increases performance. Sets of eight include wrist pins and spiral locks.



Part No.	Description	Bore	Stroke	Rod Length	Comp. Ratio	Head Volume
Small Block Chevrolet 283-400						
ICNIC754.030	Step Dish	4.155"	3.750"	5.700"	10.6:1	15.2cc
ICNIC792.030	Flat Top	4.030"	3.250"	5.700"	9.8:1	-4.9cc
ICNIC792.040	Flap Top	4.040"	3.250"	5.700"	9.8:1	-4.9cc
ICNIC793.040	Dome	4.040"	3.250"	5.700"	11.2:1	6.3cc
Small Block Ford 289-351W						
ICNIC736.030	Dome	4.030"	2.870"	5.155"	11.1:1	6.8cc



Tire Grooving Iron **IHK125**

Lightweight pistol grip stays cool during use. The solid brass head keeps the heat "just ahead" of the cutting blade to quickly groove dirt track tires. Cut depth is controlled by the adjustable blade. Iron has a 250-watt capacity, and includes .215" wide brass #4 head, twelve #4 blades, and 7-foot power cord.

Part No.	Description	Part No.	Description
Replacement Round Blades		Replacement Heads	
IHKBL01	#1 Blades (12)	IHKHD01	#1 Head .053" Wide
IHKBL02	#2 Blades (12)	IHKHD02	#2 Head .090" Wide
IHKBL03	#3 Blades (12)	IHKHD03	#3 Head .150" Wide
IHKBL04	#4 Blades (12)	IHKHD04	#4 Head .215" Wide
IHKBL05	#5 Blades (12)	IHKHD05	#5 Head .290" Wide
IHKBL06	#6 Blades (12)	IHKHD06	#6 Head .375" Wide
IHKBL08	#8 Blades (12)	IHKHD08	#8 Head .500" Wide
IHKBL10	#10 Blades (12)	IHKHD10	#10 Head .625" Wide
IHKBL12	#12 Blades (12)	IHKHD12	#12 Head .750" Wide



Air Draft and Air Draft OS20

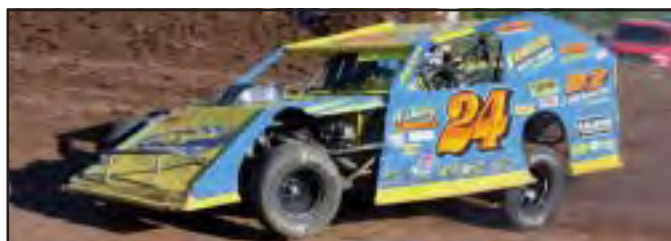
Ultra-lightweight helmet incorporates a large eye-port for an exceptional field of vision. An extended wicker bill prevents helmet lifting, while "Intelligent Gray Matter" liner provides added comfort and fire resistance. Air Draft model includes a top air port for the ultimate in comfort, while the OS20 model utilizes a 20° angled air port for additional roof clearance. Helmets meet Snell SA2020 specifications and are offered in silver, flat black, or natural carbon fiber finish.

Size	Silver	Flat Black	Carbon Fiber
Air Draft			
Small	IMP19320308	IMP19320312	—
Medium	IMP19320408	IMP19320412	IMP19320420
Large	IMP19320508	IMP19320512	IMP19320520
X-Large	IMP19320608	IMP19320612	IMP19320620
XX-Large	IMP19320708	IMP19320712	—
Air Draft OS20			
Medium	—	IMP19920412	IMP19920420
Large	—	IMP19920512	IMP19920520
X-Large	—	IMP19920612	IMP19920620

Charger and Super Charger

An oversized wraparound eye port provides a wide-angle view. Helmets include Gray Matter liner for maximum comfort and safety. An adjustable chin bar and forehead, crown, and rear vents offer comfort. Super Charger model has a top-mounted fresh air port. Meets Snell SA2020 specifications. Offered in silver, white, black, or flat black.

Size	Silver	White	Black	Flat Black
Charger				
X-Small	—	—	—	IMP14020212
Small	—	IMP14020309	—	IMP14020312
Medium	—	IMP14020409	IMP14020410	IMP14020412
Large	—	IMP14020509	IMP14020510	IMP14020512
X-Large	—	IMP14020609	IMP14020610	IMP14020612
Super Charger				
Small	—	IMP17020309	IMP17020310	IMP17020312
Medium	IMP17020408	IMP17020409	IMP17020410	IMP17020412
Large	IMP17020508	IMP17020509	IMP17020510	IMP17020512
X-Large	IMP17020608	IMP17020609	IMP17020610	IMP17020612



ZEKE MCKENZIE

STEVE DATEMA

Champ

The Champ's radical chin bar covers the nose and mouth, acting as a breath deflector. Large eye-port provides exceptional vision, while Gray Matter liner, extended chin foil, adjustable forehead, crown, and rear exhaust vents contribute to comfort. Meets Snell SA2020 specifications. Offered in white, black, or flat black.



Size	White	Black	Flat Black
X-Small	—	IMP13020210	IMP13020212
Small	—	IMP13020310	IMP13020312
Medium	IMP13020409	IMP13020410	IMP13020412
Large	IMP13020509	IMP13020510	IMP13020512
X-Large	IMP13020609	IMP13020610	IMP13020612

Champ ET NEW!

Similar to the original Champ but designed as an affordable, entry-level helmet. Constructed using a rigid, fiberglass shell, helmet utilizes a radical chin bar that covers the nose and mouth, acting as a breath deflector. A large eyeport delivers exceptional peripheral vision. Meets Snell SA2020 specifications. Offered in white or flat black.



Size	White	Flat Black
X-Small	IMP13320209	IMP13320212
Small	IMP13320309	IMP13320312
Medium	IMP13320409	IMP13320412
Large	IMP13320509	IMP13320512
X-Large	IMP13320609	IMP13320612

1320 and Air 1320

Affordable, full-face helmet is designed specifically for the entry-level racer. Manufactured in the USA of a lightweight composite, the 1320 includes an extra-wide eyeport for exceptional peripheral vision. Meets Snell SA2020 specifications. Air 1320 has a top-mounted fresh air port. Offered in white or flat black.



Size	White	Flat Black
1320		
X-Small	IMP14520209	IMP14520212
Small	IMP14520309	IMP14520312
Medium	IMP14520409	IMP14520412
Large	IMP14520509	IMP14520512
X-Large	IMP14520609	IMP14520612
Air 1320		
Small	—	IMP14820312
Medium	—	IMP14820412
Large	—	IMP14820512
X-Large	—	IMP14820612

Adult Helmet Sizing Chart:

Size:	Small	Medium	Large	X-Large
Hat Size Equivalent	6-7/8 to 7	7-1/8 to 7-1/4	7-3/8 to 7-1/2	7-5/8 to 7-3/4
Inch Size Equivalent	21-5/8 to 22	22-1/2 to 22-3/4	23-1/4 to 23-5/8	24 to 24-1/2
CM Size Equivalent	55 to 56	57 to 58	59 to 60	61 to 62



Helmet Accessories

IMP10000000



IMP10000012

IMP10000009



IMP11111121



IMP81500010

Part No.	Description
IMP10000000	Replacement Helmet Pivot Kit
IMP10000009	Helmet Dryer, Electric Unit Removes Moisture from Helmet
IMP10000012	Breath Deflector, Prevents Shield Fogging
IMP10000016	Helmet Skirt, 2-Layer, SFI 3.3/5
IMP11111121	Thin Cheek Pads, Vapor/Air Vapor/Charger/Super Charger/Champ/Draft
IMP11111131	Thin Cheek Pads, Supersport/Supersport Air/1320/Air Draft
IMP11111132	Standard Cheek Pads NEW!
IMP17500012	Top Mount Air Inlet, Phenom SS X-Small to Medium/Large Helmets NEW!
IMP17500013	Top Mount Air Inlet, Phenom SS Large to XX-Large Helmets NEW!
IMP81500010	Shield Bag, Black Carrying Case Stores Two Shields

Replacement Helmet Shields



Clear



Light Smoke



Dark Smoke



Hi-Def. Amber



Iridium Yellow



Iridium Blue



Chrome

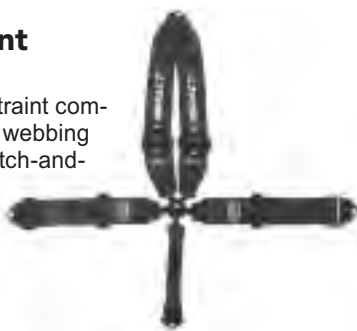
Model	Clear	Light Smoke	Dark Smoke	Hi-Def. Amber
Vapor/Charger/Draft	IMP12199901	—	IMP12199903	IMP12199904
Champ/Nitro	IMP13199901	IMP13100902	IMP13199903	IMP13199904
Air Draft/Super Sport/Spider	IMP19399901	—	IMP19399903	IMP19399904
Phenom SS	IMP17599901	—	IMP17599903	—

Model	Iridium Yellow	Iridium Blue	Chrome
Vapor/Charger/Draft	IMP12100905	IMP12100906	IMP12100908
Champ/Nitro	IMP13100905	IMP13100906	—
Air Draft/Super Sport/Spider	IMP19300905	IMP19300906	IMP19300908
Phenom SS	—	IMP17599906	IMP17599908

Racer Series Restraint

IMP57941111

Affordable Racer-series restraint combines high-strength polyester webbing and silver finish hardware. Latch-and-link 5-point restraint includes V-type shoulder belts and pull-down adjustment. Meets SFI 16.1 specifications.



5-Point Rotary Camlock Systems

Each 5-point rotary camlock system has individual shoulder harness, lap belts, and single anti-sub belt. SFI 16.1 certified.



Part No.	Description
Individual Shoulder Sets	
IMP57341111	5-Point, Pull-Down Adjust Both Laps, Bolt-In/Wrap-Around
IMP57341231	5-Point, Pull-Down Adj., HANS, Transition Shoulder Belts
IMP57349226	5-Point, Pull-Down Adjust, Bolt-In/Wrap-Around, Integral Lap Adjuster NEW!
IMP58341231	5-Point, Pull-Up Adjust, Bolt-In/Wrap-Around, Transition Shoulder Belts NEW!

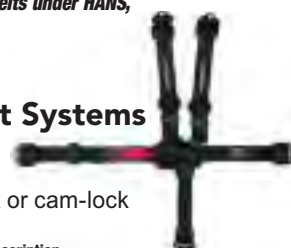
5- and 6-Point Latch-and-Link Systems

Each latch-and-link restraint includes choice of individual shoulder or V-type harness, lap belts and single (5-point) or double (6-point) anti-sub belt. SFI 16.1 certified.



Part No.	Description
Individual Shoulder Harness Sets	
IMP50112002	5-Point, Bolt-In/Wrap-Around, Left Side Ratchet NEW!
IMP51111111	5-Point, Pull-Down Adjust Both Laps, Bolt-In/Wrap-Around
IMP51111111HANS	5-Point, Pull-Down Adjust, HANS, Transition Shoulder Belts, Bolt-In/Wrap-Around
IMP51111111HANS-1*	5-Point, Pull-Down Adjust, HANS, Double Shoulder Belts, Bolt-In/Wrap-Around
IMP51111231	5-Point, Pull-Down Right Lap/Fixed Left Lap, 3" x 3" into 2" Transition, Bolt-In
IMP51112116	5-Point, Pull-Down Right Lap/Fixed Left Lap, Bolt-In/Wrap-Around
IMP51115222	5-Point, Pull-Down Left Lap/Fixed Right, Bolt-In/Wrap Around, 2" x 2"
IMP51122116	6-Point, Pull-Down Right Lap/Fixed Left Lap, Bolt-In/Wrap-Around
IMP52111111	5-Point, Pull-Up Right Lap/Fixed Left Lap, Bolt-In/Wrap Around
IMP52112226	5-Point, Pull-Up Right Lap/Fixed Left Lap, 2" x 2", Bolt-In
IMP52122326	6-Point, Pull-Up Adjust, HANS, Transition Shoulder Belts
IMP53111111	5-Point, Pull-Down Adjust, Bolt-In/Wrap-Around NEW!
IMP53111231	5-Point, Pull-Down Adjust, HANS, Transition Shoulder Belts
IMP53653711	5-Point, Pull Right/Fixed Left Lap, Bolt-In/Wrap-Around
IMP54111111	5-Point, Pull-Up Adjust Both Laps, Bolt-In/Wrap-Around
IMP54111231	5-Point, Pull-Up Adjust, HANS, Transition Shoulder Belts
IMP54121111	6-Point, Pull-Up Adjust Both Laps, Bolt-In/Wrap-Around
IMP59111111	5-Point, Pull-Down Adjust Both Laps, Integrated Adjuster, Bolt-In/Wrap-Around
V-Type Shoulder Sets	
IMP53811111	5-Point, Pull-Down Adjust Both Laps, Bolt-In/Wrap-Around
IMP54811111	5-Point, Pull-Up Adjust Both Laps, Bolt-In/Wrap-Around
IMP59811111	5-Point, Pull-Down Adjust Both Laps, Integrated Adjuster, Bolt-In/Wrap-Around

* Harness includes double shoulder belts; 3" belts under HANS, 2" belts over HANS.



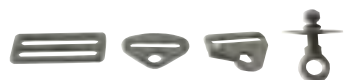
Quarter Midget Restraint Systems

Junior restraint systems are designed for the drivers of Quarter Midgets. Choose from latch-and-link or cam-lock belts. SFI 16.1 certified.

Part No.	Description
Individual Shoulder Sets	
IMP52116661	5-Point Latch & Link, Pull-Up Right/Fixed Left Lap, Bolt-In/Wrap-Around
IMP53116661	5-Point Latch & Link, Pull-Down Adjust, Bolt-In/Wrap-Around NEW!
IMP54116661	5-Point Latch & Link, Pull-Up Adjust Both Laps, Bolt-In/Wrap-Around
IMP58346661	5-Point Camlock, Pull-Up Adjust Both Laps, Bolt-In/Wrap-Around

Anchor Hardware

Part No.	Description
IMP50000011	3-Bar Adjuster
IMP50000021	Bolt-In Anchor
IMP50000031	Clip-In Anchor
IMP50000041	Eye Bolt Anchor





One-Piece

Two-Piece

Racer2020 NEW!

The Racer2020 maintains the comfort of the original Racer, yet with the addition of modern, European styling. Driving suit, which meets SFI 3.2A/5 specifications, is constructed from semi-gloss Nomex fabric and features a two-tone design. Double-layer, lightweight suit includes anatomical stretch panels along the lower back, 360° full-floating arm gussets, boot-cut cuffs, and extra deep, inset front pants pockets. One- and two-piece suits are offered in black with blue accents, black with red accents, black with gray accents, or all black.



Description	Black/Blue	Black/Red	All Black	Black/Gray
One-Piece Suits				
Small	IMP24219306	IMP24219307	IMP24219310	IMP24219313
Medium	IMP24219406	IMP24219407	IMP24219410	IMP24219413
Large	IMP24219506	IMP24219507	IMP24219510	IMP24219513
X-Large	IMP24219606	IMP24219607	—	IMP24219613
XX-Large	IMP24219706	IMP24219707	IMP24219710	IMP24219713

Two-Piece Suits

Jacket				
Medium	IMP22519406	IMP22519407	IMP22519410	IMP22519413
Large	IMP22519506	IMP22519507	IMP22519510	IMP22519513
X-Large	IMP22519606	IMP22519607	IMP22519610	IMP22519613
XX-Large	IMP22519706	IMP22519707	IMP22519710	IMP22519713
XXX-Large	—	IMP22519807	IMP22519810	IMP22519813

Pants				
Medium	IMP23319406	IMP23319407	—	IMP23319413
Large	IMP23319506	IMP23319507	—	IMP23319513
X-Large	IMP23319606	IMP23319607	—	IMP23319613
XX-Large	IMP23319706	IMP23319707	—	IMP23319713
XXX-Large	IMP23319806	IMP23319807	—	IMP23319813

Youth Racing Suit

Constructed from a fire-resistant shell fabric that is designed to allow for the growing racer, the Quarter Midget one-piece racing suit includes a cool and comfortable liner. Suit additionally features vertical quilting with contrasting piping trim, built-in arm restraints, an adjustable waist belt, inset pants pocket, wide shoulders for easy movement and a tapered collar for comfort when wearing a helmet and neck support. Meets stringent SFI 3.2A/5 specifications.



	Medium	Large	X Large
Youth One-Piece Suit			
	IMP21400410	IMP21400510	IMP21400610

Adult and Youth Suit Measurements

Size	Height	Weight	Chest	Waist	Hips	Torso	Neck	Inseam
Adult								
Small	5'5" to 5'7"	140 to 160	37-39	31-33	37-39	63	15	31
Medium	5'7" to 5'9"	160 to 180	41-43	35-37	41-43	65	16	31
Large	5'9" to 5'11"	180 to 200	45-47	39-41	45-47	68	17	32
X-Large	5'11" to 6'1"	200 to 220	49-51	43-45	49-51	71	18	33
XX-Large	6'1" to 6'3"	220 to 250	53-55	47-49	53-55	72	20	33
Youth								
Medium	4'4" to 5'0"	70 to 90	27-29	26-28	26-28	48	12	25
Large	4'11" to 5'3"	85 to 100	31-33	28-30	30-32	53	13	27
X-Large	5'2" to 5'6"	95 to 110	33-35	29-31	31-33	58	14	28

Phenom NEW!

Double-layer, one-piece driving suit combines attractive, European styling with Made in the USA craftsmanship. Lightweight, sateen Nomex suit meets both FIA 8856-2000 and SFI 3.2A/5 specifications. Comfortable, ribbed arm cuffs, boot ankle cuffs, an anatomical stretch crotch, functional back and auxiliary gussets, 180° belt and V-stitch quilting are used to provide exceptional comfort and safety. Offered in black/blue, black/red, gray/black, and black/gray.



Description	Black/Blue	Black/Red	Gray/Black	Black/Gray
Small	IMP25215306	IMP25215307	IMP25215308	IMP25215313
Medium	IMP25215406	IMP25215407	IMP25215408	IMP25215413
Large	IMP25215506	IMP25215507	IMP25215508	IMP25215513
X-Large	IMP25215606	IMP25215607	IMP25215608	IMP25215613
XX-Large	IMP25215706	IMP25215707	IMP25215708	IMP25215713

Quarter Midget NEW!

Constructed with the young, growing racer in mind, Quarter Midget driving suit is made from the same high-quality Nomex as the popular Racer suit. Suit combines 360° floating arm gussets, stretch knit back panel, inset pants pockets, and built-in arm restraints. Meets stringent SFI 3.3 specifications. Black only.



Part No.	Size
Jackets	
IMP22700410	Medium Youth
IMP22700510	Large Youth
IMP22700610	X-Large Youth
Pants	
IMP22900410	Medium Youth
IMP22900510	Large Youth
IMP22900610	X-Large Youth

G6 Glove

Soft-knit, fire-retardant Aramid-fiber gloves utilize 3/4-finger seams for improved fit, feel, and steering wheel grip. Form-fitting suede inserts are used to increase grip and durability. Black only.

Size	Part No.
Small	IMP34200310
Medium	IMP34200410
Large	IMP34200510
X-Large	IMP34200610
XX-Large	IMP34200710



Axis Glove

Uses a single-piece palm with suede insert panels to provide a sure grip of the steering wheel. Comfortable gloves use external seam construction to reduce pressure points and abrasion. Meets SFI 3.3/5 Specifications. Offered in black only.

Size	Part No.
Small	IMP35500310
Medium	IMP35500410
Large	IMP35500510
X-Large	IMP35500610



Mini-Axis Glove

Includes many of the same features as the original Axis glove, yet sized specifically for junior hands. Suede insert panels provide improved steering wheel grip. Meets SFI 3.3/5 specifications. Black only.

Size	Part No.
Youth Small	IMP38500310
Youth Medium	IMP38500410
Youth Large	IMP38500510
Youth X-Large	IMP38500610



Alpha Glove

The Alpha Glove uses a parabolic pattern and one-piece palm to eliminate seams and fabric bunching. Exclusive Ultra-Grip treatment and pre-curved patterned fingers combine to deliver a safe, secure grip of the steering wheel. Meets SFI 3.3/5 specifications. Offered in black or white.

Size	Black	White
Small	IMP39000310	IMP39000309
Medium	—	IMP39000409
Large	IMP39000510	IMP39000509
X-Large	IMP39000610	IMP39000609



Axis Shoe

Affordable, comfortable, and versatile, high-top Axis shoe combines the benefits of a high-grip fluted sole, reinforced side panels, fire-retardant liner, and adjustable hook-and-loop ankle strap closure. Meets SFI 3.3/5 specifications. Black only.

Size	Part No.	Size	Part No.
7	IMP41007010	10-1/2	IMP41010510
8	IMP41008010	11	IMP41011010
8-1/2	IMP41008510	11-1/2	IMP41011510
9	IMP41009010	12	IMP41012010
9-1/2	IMP41009510	12-1/2	IMP41012510
10	IMP41010010	13	IMP41013010



Alpha Shoe

Premier mid-top shoe utilizes a grooved sole for improved pedal feel and control. Shoe combines an easy-to-clean exterior with an ultra-plush aramid interior. Meets SFI 3.3/5 specifications. Black only.

Size	Part No.	Size	Part No.
7	IMP40007010	10-1/2	IMP40010510
8	IMP40008010	11	IMP40011010
8-1/2	IMP40008510	11-1/2	IMP40011510
9	IMP40009010	12	IMP40012010
10	IMP40010010	13	IMP40013010



Phenom RS Shoe **NEW!**

Developed using input from professional drivers, the Phenom RS is suitable for all track conditions, even dirt and mud. Soft, tanned calf leather exterior is combined with a preformed, lightweight anatomically designed sole, an Achilles stretch panel, Velcro strap closure and Speed Laces for superior mobility and comfort. Meets SFI 3.3A/5 specifications. Offered in black or white.

Size	Black	White	Size	Black	White
7	IMP45007010	IMP45007008	10-1/2	IMP45010510	IMP45010508
8	IMP45008010	IMP45008008	11	IMP45011010	IMP45011008
9	IMP45009010	IMP45009008	11-1/2	IMP45011510	IMP45011508
8-1/2	IMP45008510	IMP45008508	12	IMP45012010	IMP45012008
9	IMP45009010	—	13	IMP45013010	IMP45013008
10	IMP45010010	IMP45010008			



Helmet Support **IMP74500010**

High-density foam support increases in resistance the more it is compressed. Available in black only, support has an adjustable hook-and-loop closure. Meets SFI specifications.



Arm Restraints

IMP75000910

SFI-approved arm restraints feature padded arm bands with webbed leashes and adjustments for arm circumference and leash length. Sold per pair. Black only.



Club III Frontal Head Restraint **NEW!**

Lightweight and affordable FHR is made from thermoplastic-injected resin reinforced with carbon fiber. Featuring a 20° angle, unit is compatible with Hans spring-post anchors (not included) or spring-post anchors found on FIA-approved helmets. Meets FIA8858-2010 and SFI 38.1 specifications.

Part No.	Description
IMP65000005	Medium
IMP65000006	Large
Related Component	
IMP10000110	Anchor Posts/Clips, Pair



Grip **IMP62000000**

Competition steering wheel is wrapped in premium suede, and is designed specifically to improve steering control. Grip is 13-3/4" diameter with a 3-3/4" deep dish design and yellow top marker.



Stelvio **IMP62000001**

Designed to deliver improved comfort and control, suede-wrapped steering wheel is 13-3/4" diameter with a shallow 1-3/4" dish.



Quick Release Adapter

IMP62100000

Precision-machined, lightweight aircraft-quality aluminum quick-release adapter welds directly to steering shaft and accepts 6-bolt Impact steering wheel.



Helmet and Gear Bags

Black nylon bags bear the Impact Racing logo and are available in two sizes. Extra-large gear bag is 27" long x 12" wide x 11" deep with adjustable shoulder straps.

Part No.	Description
IMP71000915	Helmet Bag
IMP72000010	Gear Bag



Genesys Race Seat **NEW!**

IMP60000003

Exceptionally lightweight, yet rigid enough to endure the rigors of motorsports. Seat utilizes shoulder harness guides strategically-placed to fit a wide range of drivers. Upholstered with heavy-duty, fire-resistant fabric and compatible with 4-, 5- or 6-point harnesses.



ION Underwear **NEW!**

Constructed of ultra-soft, stretchable Nomex base layers for superior breathability, comfort, and protection, ION underwear meets both FIA 8856-2000 and SFI 3.3/5 specifications. Offered in black or white.

Size	Black	White	Size	Black	White
Tops			Bottoms		
X-Small/Small	IMP78100309	IMP78100310	X-Small/Small	IMP78110309	—
Medium/Large	IMP78100509	—	Medium/Large	IMP78110509	IMP78110510
X-Large/XX-Large	IMP78100709	IMP78100710	XL-Large/XX-Large	IMP78110709	IMP78110710
XXX-Large	IMP78100809	IMP78100810	XX-Large	IMP78110809	IMP78110810
			Single Eyeport Balaclava		
			One Size Fits All	IMP74300908	IMP74300909



Stealth Steel Series Mono-Tube Shocks with Schrader Valve

Specifically designed for racing series requiring steel shocks, Stealth series include billet aluminum pistons, nitrogen separator piston, and are racer serviceable, revalvable, and repairable. Machined snap ring grooves allow for coil-overs, if desired. Meet UMP, USMTS, and WISSOTA sanctioning body rules.



Part No.	Stroke	Compression Length	Extended Length	Compression Damping	Rebound Damping
IRS310-40198-2S	9"	15-1/4"	24-1/4"	8	2

Part No.	Description
Coil-Over Kits and Components	
IRS310-30410	1" Shaft Extension
IRS310-30526	Coil-Over Kit, 4000 Series Shocks, Fits 5" Spring
IRS310-30526S	Sleeve, for 310-30526 or 310-30529 Coil-Over Kits
IRS310-30526SR	Snap Ring, for 310-30526 or 310-30529 Coil-Over Kits

Stealth Steel Series Mono-Tube Shocks with Schrader Valve Applications for Dirt Modifieds (UMP, WISSOTA, USMTS)

Base	
LR	RR
IRS310-40198-2S	—
Dry Slick	
LR	RR
IRS310-40198-2S	—

Avenger Steel Mono-Tube Shocks for Dirt Modifieds (IMCA, UMP, WISSOTA, USMTS)

Base	
LF	RF
IRS310-45175SNSV	IRS310-45174-6SNSV
LR	RR
—	IRS310-45194SNSV
Dry Slick	
LF	RF
IRS310-45175-3SNSV	—
LR	RR
IRS310-45198-2SNSV	IRS310-45193SNSV

Avenger Steel Mono-Tube Shocks

Avenger Mono-tube shocks incorporate aircraft quality, billet aluminum pistons and hard chrome-plated stainless steel shafts for exceptional durability and consistency. A floating piston separates the nitrogen from the oil, eliminating foaming and improving shock dampening. Shocks are WISSOTA, IMCA, UMP, and USMTS approved, and include a snap-ring groove for coil-over applications. Less Schrader valve.



Part No.	Stroke	Compression Length	Extended Length	Compression Damping	Rebound Damping
IRS310-45173-5SNSV	7"	13-3/8"	20-3/8"	3	5
IRS310-45174-6SNSV	7"	13-3/8"	20-3/8"	4	6
IRS310-45174-10SNSV	7"	13-3/8"	20-3/8"	4	10
IRS310-45175SNSV	7"	13-3/8"	20-3/8"	5	5
IRS310-45175-3SNSV	7"	13-3/8"	20-3/8"	5	3
IRS310-45193SNSV	9"	15-1/2"	24-1/2"	3	3
IRS310-45194SNSV	9"	15-1/2"	24-1/2"	4	4
IRS310-45198-2SNSV	9"	15-1/2"	24-1/2"	8	2

Part No.	Description
Coil-Over Kits and Components	
IRS310-30526	Coil-Over Kit, 4500 Series Shocks, Fits 5" Spring
IRS310-30526S	Sleeve, for 310-30526 or 310-30529 Coil-Over Kits
IRS310-30526SR	Snap Ring, for 310-30526 or 310-30529 Coil-Over Kits

Steel Twin-Tube Fixed Bearing Non-Rebuildable Shocks

Twin-tube fixed bearing shock absorbers feature an advanced cam-over-seal design that eliminates over 60% of normal seal drag. IMCA-approved shocks also include durable, 5/8" diameter shafts and a 2.10" diameter steel body. Designed for coil-over or non coil-over applications, shocks may be mounted upside down for reduced unsprung weight. Choose from a wide variety of split- and standard-valved shocks.



Part No.	Stroke	Compression Length	Extended Length	Compression Damping	Rebound Damping
IRS310-42173-5	7"	12-1/4"	19-1/4"	3	5
IRS310-42174	7"	12-1/4"	19-1/4"	4	4
IRS310-42174-6	7"	12-1/4"	19-1/4"	4	6
IRS310-42174-8	7"	12-1/4"	19-1/4"	4	8
IRS310-42174-12	7"	12-1/4"	19-1/4"	4	12
IRS310-42175	7"	12-1/4"	19-1/4"	5	5
IRS310-42175-3	7"	12-1/4"	19-1/4"	5	3
IRS310-42176	7"	12-1/4"	19-1/4"	6	6
IRS310-42176-3	7"	12-1/4"	19-1/4"	6	3
IRS310-42179-1	7"	12-1/4"	19-1/4"	9	1
IRS310-42193	9"	14-1/4"	23-1/4"	3	3
IRS310-42193-5	9"	14-1/4"	23-1/4"	3	5
IRS310-42194	9"	14-1/4"	23-1/4"	4	4
IRS310-42194-6	9"	14-1/4"	23-1/4"	4	6
IRS310-42195	9"	14-1/4"	23-1/4"	5	5
IRS310-42196	9"	14-1/4"	23-1/4"	6	6
IRS310-42196-3	9"	14-1/4"	23-1/4"	6	3
IRS310-42198-2	9"	14-1/4"	23-1/4"	8	2

Part No.	Description
Coil-Over Kits and Components	
IRS310-30525	Coil-Over Kit, 4200 Series Shocks, Fits 5" Springs
IRS310-30530	Coil-Over Kit, 4200 Series Shocks, Fits 2-1/2" Springs
IRS310-30525SR	Snap Ring, Fits 310-30525 or 310-30530 Coil-Over Kits



IRS310-30202



Shock Absorber Rebuilding Kit and Tools

Part No.	Description
IRS310-30202	Mono-Tube Shock Rebuild/Revalve Kit
IRS310-30312-2	Rod Guide Wrench, Dual Handle Stealth Series for Mono-Tube Shocks

Deluxe Inflation Unit IRS310-30310-SG

Deluxe inflation unit features a 360° swiveling face and Schrader fill valve, precision bleeder valve, and anti-air loss connector. Sold complete with protective case.



Shock Absorber Rebuilding Components and Accessories



Part No.	Description
IRS310-30208	Rod Wiper
IRS310-30209	Rod Seal O-Ring
IRS310-30210	Rod Guide O-Ring, Secondary
IRS310-30211	Rod Guide O-Ring, Primary
IRS310-30224	Standard Steel Rod End
IRS310-30226	Rod Guide, Steel Shock
IRS310-30280	1/2" Slotted Heel Wiper
IRS310-30281	T-Seal, 1/2" Rod End
IRS310-30286	O-Ring
IRS310-30317	7" Piston Rod
IRS310-30319	9" Piston Rod
IRS310-30327	Shock Bearing
IRS310-30336	Shock Thread Protector
IRS310-30387	7" Adjustable Piston Rod
IRS310-30403S	1" Extended Steel Rod End
IRS310-30404	2" Extended Aluminum Rod End
IRS310-30404S	2" Extended Steel Rod End
IRS310-30604	1-1/2" Quick Release Canister Clamp
IRS310-30645	Shock Covers, Pair
IRS310-30650	Coil-Over Cover for 10"-12" MX Spring
IRS310-45003	Fill Plug for Non-Schrader Avenger Shocks
IRS310-45010	Fill Plug for Avenger Shocks
IRS310-45017	Pressure Tube, 7" Stroke Avenger Shocks



Stock Mount Shocks

Ideal for Street or Hobby Stock classes, stock mount shock absorbers are available in several different valving.

Part No.	Application	Stroke	Comp. Length	Extended Length	Comp. Damping	Rebound Damping
IRS310-47146	Left Front	4"	9-1/8"	13-1/8"	6	6
IRS310-47146-4	Left Front	4"	9-1/8"	13-1/8"	6	4
IRS310-47184	Left Rear	6-1/2"	13-1/2"	20"	4	4
IRS310-47186	Right Rear	6-1/2"	13-1/2"	20"	6	6

Bump Stop Kits

Roller Skate Style IRS310-30184

Kit includes (10) roller skate bump stops ranging from 50-85 durometer, (8) puck separator washers, (8) large shock washers, and (16) bump stop packers.



Puck Style IRS310-30185

Puck-style bump stop kit includes (3) of each 1/2" durometer and (2) of each 3/4" durometer puck-style bump stops, (8) puck separator washers, (8) large shock washers, and (16) bump stop packers.



Adjustable Bump Stop Cup IRS310-30190

Adjustable bump stop cup, manufactured from black anodized aluminum, is for use with Christmas tree-style bump stops.



Shock Bumpers

Part No.	Description
IRS310-3018-27	2-1/4" Tall Red (Soft) Tree Bumper
IRS310-3018-33	2-1/4" Tall White (Medium) Tree Bumper
IRS310-3018-39	2-1/4" Tall Blue (Hard) Tree Bumper
IRS310-3019-41	3" Tall Red (Soft) Tree Bumper
IRS310-3019-50	3" Tall White (Medium) Tree Bumper
IRS310-3019-59	3" Tall Blue (Hard) Tree Bumper



Coil-Over Spring Rubbers

Part No.	Description
IRS310-30112	Yellow (Soft) Spring Rubber
IRS310-30112-1	Yellow (Soft) Extra Thick (1-1/4" Tall) Spring Rubber
IRS310-30113	Orange (Medium) Spring Rubber
IRS310-30113-1	Orange (Medium) Extra Thick (1-1/4" Tall) Spring Rubber
IRS310-30114	Red (Hard) Spring Rubber
IRS310-30114-1	Red (Hard) Extra Thick (1-1/4" Tall) Spring Rubber
IRS310-3017-57	Blue (Hard) Coil-Over Spring Rubber
IRS310-3017-62	Yellow (X-Hard) Coil-Over Spring Rubber
IRS310-3017-72*	1" Tall Red (Soft) Coil-Over Spring Rubber
IRS310-3017-96*	1" Tall White (Medium) Coil-Over Spring Rubber
IRS310-3017-108*	1" Tall Blue (Hard) Coil-Over Spring Rubber



* Engineered for coil-over springs that feature increased spacing.

Take-Up Spring

Used on the left front of Dirt Late Models to prevent the coil-over spring from rattling.



Part No.	Description
IRS310-3006-005	Take-Up Spring, for IRS310-30200 Coil-Over Kit
IRS310-30400	Nylon Slider

Two-Stage Stack Spring Kit IRS310-30549

Typically used on Dirt Late Models, kit allows use of two different spring rates to create an adjustable dual-rate effect for improved handling. Simply change the gap between the stack nut and the slider to adjust transition point.





DLC and MX 2-5/8" Coil-Over Springs

Integra offers both MX and DLC (Dynamic Load Control) 2-5/8" coil-over springs. MX springs are manufactured from VMX alloy steel and utilize fewer coils for reduced weight and increased travel. DLC springs feature an aggressive barrel design for optimum performance and body clearance with maximum distance between coils for improved travel prior to coil bind. All springs are etched with the rate and are covered by a limited lifetime guarantee.

Rate	4" Tall Part No.	7" Tall Part No.	10" Tall Part No.	12" Tall Part No.	14" Tall Part No.
175	—	—	IRS310-2510-175DLC	IRS310-2512-175DLC	IRS310-2514-175DLC
200	—	—	IRS310-2510-200MX	IRS310-2512-200DLC	IRS310-2514-200DLC
225	—	—	—	IRS310-2512-225DLC	IRS310-2514-225DLC
250	—	—	IRS310-2510-250DLC	IRS310-2512-250DLC	IRS310-2514-250DLC
275	—	—	—	IRS310-2512-275DLC	IRS310-2514-275MX
300	—	—	—	IRS310-2512-300DLC	—
325	—	—	IRS310-2510-325DLC	IRS310-2512-325DLC	—
350	—	—	—	IRS310-2512-350DLC	—
375	—	—	—	IRS310-2512-375DLC	—
400	IRS310-2504-400	—	IRS310-2510-400DLC	—	—
500	—	IRS310-2507-500DLC	—	—	—
525	—	—	IRS310-2510-525DLC	—	—



Conventional MX Springs

Springs are made from durable, premium steel wire for exceptional durability. Black powder-coated MX springs are etched with the nominal rate and guaranteed to maintain their rate within 2% of the original free height for as long as you own them.

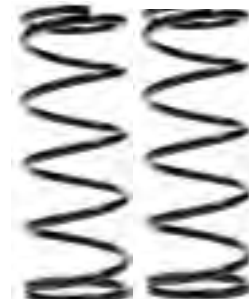
Rate	5" x 9-1/2" Tall Part No.	5-1/2" x 9-1/2" Tall Part No.
Front Springs		
400	IRS310-5095-400	—
450	IRS310-5095-450	—
500	IRS310-5095-500	IRS310-5595-500
550	IRS310-5095-550	—
600	IRS310-5095-600	IRS310-5595-600
650	IRS310-5095-650	IRS310-5595-650
700	IRS310-5095-700	IRS310-5595-700
750	—	IRS310-5595-750
800	IRS310-5095-800	—
850	—	IRS310-5595-850
900	IRS310-5095-900	IRS310-5595-900
950	—	IRS310-5595-950
1000	—	IRS310-5595-1000
1100	—	IRS310-5595-1100
1200	—	IRS310-5595-1200

5" Front Spring Applications	
1964-72 Chevelle	
1967-69 Camaro	
1968-74 Nova	
Most Fords	

5-1/2" Front Spring Applications	
1973-Up Chevelle	
1970-Up Camaro	
1975-Up Nova	



Front Springs



Rear Springs

Rate	5" x 11" Tall Part No.	5" x 13" Tall Part No.	5" x 16" Tall Part No.
Rear Springs			
125	—	IRS310-5013-125	—
150	IRS310-5011-150	IRS310-5013-150	IRS310-5016-150
175	IRS310-5011-175	IRS310-5013-175	IRS310-5016-175
200	IRS310-5011-200	IRS310-5013-200	IRS310-5016-200
225	IRS310-5011-225	IRS310-5013-225	IRS310-5016-225
250	IRS310-5011-250	IRS310-5013-250	IRS310-5016-250
275	—	IRS310-5013-275	—
300	—	IRS310-5013-300	—
325	—	IRS310-5013-325	—
350	—	IRS310-5013-350	—

Torque Link Springs

5" X 6-1/2" Tall

Rate	Part No.
700	IRS310-5065-700
1050	IRS310-5065-1050
1200	IRS310-5065-1200
500-1500	IRS310-5065-515PROG



Chevelle Heim-Style Lower Control Arms **NEW!**

Fully fabricated, tubular steel control arms are fitted with heat-treated, PTFE-lined rod ends, welded in place. Control arms listed are for use with screw-in ball joints. Sold complete with (4) .750" aluminum spacers.



Part No.	Description
IRS100-2016L-1	LH Control Arm, Accepts Screw-In Ball Joint
IRS100-2016R-2	RH Control Arm, Accepts +1.00" Taller Screw-In Ball Joint

SW650RFX Wireless Quik Weigh Scale System **NEW!** INT170319

Scale system features fully integrated RFX wireless weighing technology, allowing the transmission of weight data from the one-touch indicator to a mobile device using Bluetooth technology. Certified to 0.1% accuracy, system displays weight percentages to the hundredth, center of gravity calculation, baseline setup recall, target tune feature, USB and RS232 outputs, and can store up to 100 chassis set-ups. Covered by a two-year warranty, system includes wireless indicator, (4) 1,500-lb. capacity 15" x 15" x 2.5" billet pads, battery charger, AA alkaline batteries, and case.



SW777RFX Wireless Professional Scale System **NEW!** INT170320

Professional-level scale system incorporates advanced wireless technology and is certified to 0.1% accuracy. One-touch wireless unit transmits weight data from the indicator to a mobile device using Bluetooth technology. System can show weight percentages to the hundredth, center of gravity calculation, baseline setup recall, target tune feature, USB and RS232 outputs, and can store up to 100 chassis setups. Unit is covered by a two-year warranty, and is sold complete with wireless indicator, (4) 1,500-lb. capacity 15" x 15" x 2.5" billet pads, battery charger, AA alkaline batteries, and case.



SW787RFX Wireless PC Scale System INT170154-PC

Popular system combines the benefits of a wireless weighing system with ultra-accurate billet scale pads. Integrated RFX wireless weighing technology securely transmits data from the scale pads to a PC. Sold complete with one-touch wireless indicator with case, Race Weigh PC software, (4) billet 15" x 15" x 2.5", 1500-lb. capacity RFX wireless scale pads, USB wireless receiver, AA alkaline batteries, and two-year warranty. PC not included.



SW 500 E-Z Cabled Scale System INT170125

Intercomp's best selling scale system. Cabled E-Z Weigh Scale System offers large, easy-to-read display of weights and percentages, and is certified to 0.1% accuracy. Unit has a target tune feature and can display set-ups to 1/100th of a percent, store 100 chassis set-ups, recall baseline set-up, calculate center of gravity, and display user-selectable modes. Includes cabled indicator with case, (4) billet 15" x 15" x 2.5", 1,500-lb. capacity scale pads, 9-volt rechargeable battery, and two-year warranty.



Microflex Wireless Scale System **NEW!** INT170201

System utilizes ultra low-deflection scale pads for the highest level of accuracy and repeatability for consistent chassis set-up. The fully integrated RFX wireless weighing technology encryption provides a secure wireless connection via USB and RS232 outputs. Capable of storing up to 100 chassis set-ups with recall, center of gravity calculation, and weight percentages. Sold complete with (4) 15" x 15" x 2.5" wireless RFX billet 2,200 lb. capacity pads, one-touch wireless indicator with rechargeable batteries, battery charger, RaceWeigh software, batteries and storage case.



Microflex Bluetooth Wireless Scale System **NEW!** INT170325

Advanced wireless Microflex Bluetooth scale system allows transmitting weight data from the indicator to a mobile device using Bluetooth technology. System provides center of gravity calculation, baseline set-up recall, target tune feature, storing up to 100 chassis set-ups, and viewing any combination of scale pad weight and percentage. System includes one-touch wireless indicator with rechargeable batteries, battery charger and case, and (4) 2,200-lb. capacity 15" x 15" x 2-1/2" wireless RFX billet pads. PC not included.



E-Z Weigh Kart Complete Scale System INT170130

Certified to 0.1% accuracy, E-Z Weigh scale system is specifically designed for Karts. System has a 1,600-lb. capacity, and can display center of gravity calibration, baseline setup recall, and 100 chassis setups, all on its display with large 1/2" characters. Includes outputs for USB and RS232. Powered by a standard 9-volt battery.



Laser Leveling System for Scale Pads INT171007

Laser-sighted unit helps to level scale pads, roll-offs, or set-up racks. Unit has a virtually unlimited range and is sold complete with case and laser-enhancing glasses.



iRaceWeigh Module INT170250

iRaceWeigh Module communicates directly with both Intercomp RFX Wireless and cabled Intercomp scales with RS232 output. Module uses iRaceWeigh App, a free download from iTunes, and allows users to view live weights, save weight data, and export the information to a spreadsheet for future analysis or email reports. The module and app allows viewing data on the RFX wireless hand-held indicator, an iPad, iPod, or iPhone. Data may also be viewed on a PC using RaceWeigh Software and a USB receiver.



Scale Cart INT100346

Premium-quality, lightweight two-wheeled cart is designed to hold (4) 2.5" or 4" scale pads, cables, and controller.



Quik Ramp Scale Ramps with Roll-Off INT171005

Textured exoskeleton design scale ramps provide superior strength and support up to a 6,000-lb. vehicle. Scale ramps are 30"L x 2.5"H x 12"W wide with a 7.8° incline. Set of four.



Quick Rack Lightweight Scale Rack INT171000

More affordable and much lighter compared to traditional metal racks, Quick Rack system offers easy transport and a full rack set-up anywhere. System is constructed from super-dense foam with a 6,000-lb. capacity. Made for 2.5" tall scales, system includes ramps, adjustable pontoons and bridges, and front roll-offs. Quick Rack includes an 84"-110" adjustable wheelbase and 49.5"-64" adjustable track width.



Scale Pad Case INT490197

Heavy-duty case is 17.75" x 17.75" x 13.5" and includes special dividers to store four 2.5" scale pads.



Scale Pad Levelers with Roll-Off Pad

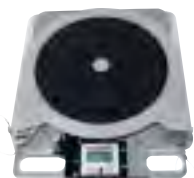
Lightweight aluminum levelers are designed to fit any 15" x 2.5" scale pads. Allows the car to be rolled off the scale pad and back on with little effort. Choose from standard or billet aluminum levelers. Sold in sets of four.



Part No.	Description
INT170133	2.5" Aluminum Scale Pad Levelers with Roll-Off Pads
INT170178	2.5" Billet Aluminum Scale Pad Levelers with Roll-Off Pads

Digital Turn Plates INT102191

The industry's first digital turn plates display wheel angle on a large, easy-to-read electronic display. Lightweight aluminum turn plates are 13" x 15" x 1.625" in size, and use high strength bearings to provide multiple direction, "X" and "Y" movement. Takes measurements for alignment including caster/camber and Ackerman. Powered by a standard 9-volt battery. Sold per pair.



Turn Plates INT102007

Manufactured from lightweight aerospace aluminum, Intercomp turn plates take several measurements for alignment including caster/camber and Ackerman. Traditional mechanical turn plates may be placed on top of scale pads and are 13" x 15" x 1.5" in size.



Digital Caster/Camber Gauge with Backlight

INT100005

One of the industry's most up-to-date digital caster/camber gauges indicates to 0.1° and has a selectable 15° or 20° reading (up to 10 times the accuracy of conventional bubble gauges). Easy-to-use controls include: on/off, caster/camber select, and zero adjust. A standard 9-volt battery lasts up to 100 hours.



Part No.	Description
INT100005	Gauge with Magnetic Adapter and Carrying Case
INT100008	Gauge with Carrying Case, Adapter Not Included

Billet Bubble Caster/Camber Gauge INT102010

Highly accurate gauge has easy-to-read bubble display and will measure -6 to +6° of camber and -8 to +8° of caster with 0.2° accuracy. Includes magnetic adapter and case.



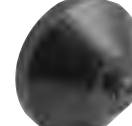
Caster/Camber Gauge Adapters



INT100000



INT100002



INT100006

Part No.	Description
INT100000	GM, .750"-20
INT100002	Wide 5, 1.813"-16
INT100006	Magnetic, 3" OD - 1.55" ID

Deluxe Air Pressure Gauges

Deluxe air gauges incorporate a patented internal mechanism which provides far more resilience to extreme punishment. Available in standard, glow-in-the-dark, or liquid-filled, every unit includes a high-quality thumb-operated bleeder and swivel nozzle on a 17" Goodyear hose. High-visibility display with major/minor graduation marks.



INT360062

Description	0-15 PSI Part No.	0-30 PSI Part No.	0-60 PSI Part No.
Standard, 2" Dia.	INT360062	INT360063	INT360064
Liquid-Filled, 2-1/2" Dia.	INT360065	INT360066	INT360067
Glow-In-The-Dark, 2-1/2" Dia.	INT360068	INT360069	INT360070
Glow-In-The-Dark, 4" Dia.	INT360058	INT360059	INT360060

Digital Air Pressure Gauge

Highly accurate digital gauges include easy-to-read 1/2" display, push-button zero, thumb-operated bleed-off, backlit display for night use, 22" hose, and 45° swivel or ball chuck. Includes storage case.



Part No.	Description
INT360045	Digital Air Pressure Gauge, 0-100 PSI, 45° Swivel Chuck
INT360045-150	Digital Air Pressure Gauge, 0-150 PSI, 45° Swivel Chuck
INT360045-BC	Digital Air Pressure Gauge, 0-100 PSI, Ball Chuck NEW!

Digital Fill, Bleed, and Read Air Pressure Gauge

Precision digital gauge includes unsurpassed accuracy with a readout in 0.1 increments. Gauge reads 0-150 PSI, and also can display in BAR or kg/cm. Powered by a standard 9-volt battery. Sold complete with case and angled or ball chuck.



Part No.	Description
INT360094	Digital Air Pressure Gauge, Includes Angled Chuck
INT360094-BC	Digital Air Pressure Gauge, Includes Ball Chuck NEW!

Protective Cover for Digital Air Pressure Gauge INT179009

Shock-resistant blue rubber cover fits all generations of Intercomp Digital Air Gauges, offering protection from the rigors of racing.



Tire Drying/Purging System INT102064

System uses compressed air or nitrogen to purge air from tires, reducing pressure gain, controlling stagger growth, reducing tire wear, and eliminating glazing. Compact system can purge and fill four tires in just minutes. Sold complete with cart for easy transport.



Digital Tire Durometer INT102091

Digital durometer reads from 0-99.5 and includes both push-button zero and peak hold functions. Sold complete with storage case.



Tire Durometer INT360092

Type-A hardness tester allows quick checks of tire hardness. Gauge reads 0-100.



Digital Depth Gauge INT102081

Billet aluminum based gauge with large digital display measures depths in .0005" increments with a range of 0-.250" and accuracy of +/- .001". Sold complete with case.



Tire Durometer/Tread Depth Gauge Set INT360110

Evaluate tire condition and wear effectively. Tire durometer uses a Type A removable tip to read from 0-100. Tread depth gauge measures wear in 1mm or 1/32" increments. Sold complete with case.



Tire Humidity/Temperature Meter INT360036

Meter measures relative humidity and temperature (F° or C°) inside of tire. Includes valve stem adapter. Powered by a 9-volt battery.



Thermal Imager INT175000

High-tech unit uses a 2.4" high-resolution viewing screen to display thermal images. Ideal for finding "hot" spots in brakes, exhaust, etc. Unit has a range of -4° to 575°F. and includes the ability to save images on a MicroSD card. Powered by (4) AA batteries.



Infrared Pyrometer INT360018-E

Infrared pyrometer provides quick temperature readings. Point-and-shoot operation checks temperature of rotors, tires, fluids, etc. Displays from -58° to 1,022°F. Sold complete with carrying case.



Pyrometer Brake Probe NEW INT360022

Optional brake probe is designed for use with Intercomp pyrometer and reads up to 2,000° F.



Digital Shock Inflation and Pressure Gauge INT100675

Allows quick, easy shock pressure settings up to 300 PSI in 0.5 lb. increments. Gauge is compatible with most shocks and includes a thumb-operated bleeder to achieve desired pressure. Standard with "Schrader" valve adapter for Penske-style valve, while a needle adapter is available for Ohlins-style.



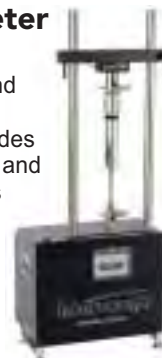
Analog Shock Inflation and Pressure Gauge INT100675-A

Specialized gauge allows monitoring pressure during the shock inflation process. Liquid-filled unit has a range of 0-300 PSI and 0-20 BAR.



Variable Speed Shock Dynamometer INT102093-40

Test and evaluate shock absorbers precisely and effectively. Shock dynamometer uses a variable speed 3HP motor that runs on 220V power, includes adjustable stroke settings of 1", 1.5", 2", or 2.25", and eye-to-eye 40" mast. Easy-to-use shock analysis software displays all measurements for force, distance, and temperature. Software additionally provides both constant velocity testing/graphing (CVP) and peak velocity pick off testing/graphing (PVP). Compatible with Windows 2000, Windows XP, Vista, Windows 7, Windows 8, and Windows 10. Sold complete with laptop.



CS200 Hanging Scale INT100772

Compact and lightweight, CS200 hanging scales are exceptionally accurate and capable of weighing items up to 250 lbs. Features push-button controls and large 0.5" backlit LCD screen for ease of use. Powered by a standard 9-volt battery.



Digital Angle Gauge INT102144

Angle gauge features a large LCD display and offers quick, accurate angle measurements from 0° to 90° in .5° increments. Magnetic back and sides allow hands-free operation. Includes internal battery with USB charging cable.



Coil Spring Tester INT100059

Portable spring tester features a large 1/2" tall digital display that indicates force and travel. Unit can check flat/coil-over springs up to 6" dia. and 18" tall, and uses a quick, single-pin vertical adjustment. Tester has a 5,000-lb. capacity and is powered by a 9-volt battery.



Digital Coil Spring Tester INT100061

Precision coil spring tester can calibrate flat/coil-over springs up to 6" in diameter and up to 18" tall. Unit offers a large 1/2" display, peak hold feature, 2,000-lb. capacity, and is powered by a standard 9-volt battery.



Valve Spring Tester INT100058

Designed specifically for valve, clutch, shock, and pressure springs up to 2" dia. with up to 4" of travel, portable spring tester has a 1,000-lb. capacity. Digital display provides readouts of force and travel, and has a peak hold feature. Powered by a 9-volt battery.



Coil-Over Spring Tester INT110060

New, improved coil-over spring tester features a 5,000-lb. load rating, and offers an increased, 31" height and over 10.5" of digital travel readings, allowing shocks to be tested without having to adjust preload. Test coil-over springs, shocks, 5th coils, bump stops, etc. Pull or spring bars may also be tested with optional accessories.



Arbor Valve Spring Tester INT110058

Tester's digital readout displays from 0-1,500 lbs. in 1.0 lb. increments. Unit includes two adjustable test stops, 2" O.D. spring capacity and 5" travel capacity. Backlit for night use, and powered by a 9-volt battery. May also be used for checking bump stops with optional adapter.



Wrenchworx 2 Gloves

Wrenchworx 2 combine the benefits of industry-leading protection, exceptional dexterity, and unsurpassed comfort. Gloves utilize PTFE-treated synthetic leather that delivers superior resistance to oil and water. Durable, heavy-duty gloves also include a terry cloth sweat wipe, TPR cuff puller, and a hybrid cuff system.

Size	Part No.
Small	IROWWX2-02-S
Large	IROWWX2-04-L



Super-Duty Gloves

Top-of-the-line gloves feature EXO2-Guard flexible finger impact protection. Gloves include abrasion resistant Duracel reinforcements, synthetic leather sidewalls, terry cloth sweat wipe, hybrid cuff system, and cuff puller for easy on/off. Offered in black or black/gray.

Size	Black
Medium	IROSDG2B-03-M
Large	IROSDG2B-04-L
XX-Large	IROSDG2B-06-XXL



Garage Junkie Gloves

Designed for the automotive hobbyist or professional, Garage Junkie gloves are offered in several versions. Motor Utility gloves include embossed palms, suede cuff pullers, and terry cloth sweat wipes. Motor Pro add hook-and-loop closures and neoprene knuckle impact protection. Motor Impact is ideal for use with air impact tools with special anti-vibration palms and back-of-hand impact protection.

Size	Part No.
Motor Utility	
Small	IROEX02-MUG-02-S
Medium	IROEX02-MUG-03-M
Large	IROEX02-MUG-04-L
X-Large	IROEX02-MUG-05-XL
Motor Pro	
Medium	IROEX02-MPG-03-M
Large	IROEX02-MPG-04-L
X-Large	IROEX02-MPG-05-XL
Motor Impact	
Small	IROEX02-MIG-02-S
Medium	IROEX02-MIG-03-M
Large	IROEX02-MIG-04-L
X-Large	IROEX02-MIG-05-XL

Motor Utility



Motor Pro



Motor Impact





Modern Man Gloves



All-purpose Modern Utility gloves offer superior hand protection with embossed palms, terry cloth sweat wipes, and suede cuff pullers. Modern Water Resistant gloves add a Dupont Teflon treatment on the palm for water resistance. Modern Leather gloves add 100% goatskin leather palms.

Size	Part No.
Modern Utility	
Large	IROEX02-MOU-04-L
X-Large	IROEX02-MOU-05-XL
XX-Large	IROEX02-MOU-06-XXL
Modern Water Resistant	
Small	IROEX02-MWR-02-S
Medium	IROEX02-MWR-03-M
Large	IROEX02-MWR-04-L
X-Large	IROEX02-MWR-05-XL
Modern Leather	
Large	IROEX02-MOL-04-L

HeatWorx Reinforced Gloves

Ideal for fabrication, HeatWorx gloves feature Hotshield technology that offers protection from temperatures up to 450°F. Gloves include a Kevlar inner and patented palm design. Extended cuffs add comfort and protection. Black only.

Size	Part No.
Medium	IROHW4-03-M
Large	IROHW4-04-L
X-Large	IROHW4-05-XL
XX-Large	IROHW4-06-XXL



Summit Reflective Gloves

Gloves use a comfortable, multilayer Thermotec soft fleece inner and a wind-proof barrier to keep hands warm down to 40°F. High-grip palm and finger panels help increase dexterity. Black only.

Size	Part No.
Medium	IRO SMB2-03-M
Large	IRO SMB2-04-L
X-Large	IRO SMB2-05-XL



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Project Lover Gloves



The ultimate light-duty glove. Project Utility gloves incorporate embossed palms, suede cuff pullers, and terry cloth sweat wipes. Project Impact gloves add hook-and-loop closure, anti-vibe palms and back-of-hand impact protection. Project Grip gloves also include silicone-fused silicone fused palm and index finger for increased grip, while Project gloves includes neoprene knuckle impact protection.

Size	Project Utility	Project Impact	Project Grip	Project Pro
Medium	—	—	IROEX02-PGG-03-M	IROEX02-PPG-03-M
Large	—	IROEX02-PIG-04-L	IROEX02-PGG-04-L	IROEX02-PPG-04-L
X-Large	IROEX02-PUG-05-XL	IROEX02-PIG-05-XL	IROEX02-PGG-05-XL	—
XX-Large	IROEX02-PUG-06-XXL	—	IROEX02-PGG-06-XXL	—

Hi-Viz Utility Gloves



Light-duty gloves offer high visibility and reflectivity, ideal for safety or race track personnel. Pro gloves add neoprene knuckle impact protection and a hook-and-loop closure, while Abrasion model features eight times more abrasion resistance. Impact gloves incorporate a full 360° of protection. Pro, Abrasion, and Impact gloves include yellow/orange reflective accents.

Size	Hi-Viz Orange	Hi-Viz Yellow	Hi-Viz Pro
Small	IROEX02-HS0-02-S	—	—
Large	IROEX02-HS0-04-L	IROEX02-HSY-04-L	IROEX02-HVP-04-L
X-Large	—	IROEX02-HSY-05-XL	IROEX02-HVP-05-XL

Size	Hi-Viz Abrasion	Hi-Viz Impact
Medium	IROEX02-HZA-03-M	IROEX02-HZI-03-M
Large	IROEX02-HZA-04-L	IROEX02-HZI-04-L
X-Large	IROEX02-HZA-05-XL	IROEX02-HZI-05-XL
XX-Large	—	IROEX02-HZI-06-XXL

Hydraulic Series Camshafts for SB Chevy

Isky Hydraulic Series offers a wide selection of cam profiles to meet a variety of track rules.



Part No.	Application	Grind	RPM Range	Valve Lift	Advertised Duration	Duration @ .050"	Lobe Center
ISK201SL2	Stock Lift Classes, Banked 3/8-1/2 Mile Tracks	SL-2	2400-6800	.390"/.410"	276°/280°	236°/240°	106°
ISK201LR1	.420" Lift Rule Class, Slight Bank 1/4-3/8 Mile Tracks	LR-1	2000-6200	.415"	264°	224°	107°
ISK201LR2	.420" Lift Rule Class, Banked 1/4-3/8 Mile Tracks	LR-2	2400-6600	.415"	272°	232°	106°
ISK201LR3	.420" Lift Rule Class, Banked 3/8-1/2 Mile Tracks	LR-3	2500-6800	.415"	280°	240°	106°
ISK201268	.450" Lift Rule Class, Slight Bank 1/4-3/8 Mile Tracks	268-Mega	2000-6400	.450"	268°	224°	107°
ISK201271	Hobby/Street Stock Classes, 1/4-3/8 Mile Tracks, 2bbl Carb	270-Mega	2000-6200	.465"	270°	221°	108°
ISK201274*	2bbl Hobby/Street Stock, Banked 1/4-3/8 Mile Track	274-Mega	2200-6500	.490"	274°	226°	108°
ISK201278	.450" Lift Rule Class, Banked 1/4-3/8 Mile Tracks	278-Mega	2500-6800	.450"	278°	234°	106°
ISK201281/6	Hobby/Street Stock, Banked 1/4-3/8 Mile Tracks	280-Mega	2500-6800	.485"	280°	232°	106°
ISK201284/292-6	Sportsman Classes, Banked 3/8-1/2 Mile Tracks, Any Carb	284/292 Mega	2700-7000	.510"/.505"	284°/292°	236°/244°	106°
ISK201288	Street Stock/IMCA, High Banked 3/8-1/2 Mile Tracks	288-Mega	2800-7000	.450"	288°	244°	106°
ISK201292/6	Sportsman Classes, Banked 3/8-1/2 Mile Tracks, Any Carb	292-Mega	2800-7000	.505"	292°	244°	106°
ISK201296/6	Sportsman, 1/2 Mile High Banked Track, Any Carb	296-Mega	3000-7200	.530"	296°	248°	106°

Note: Please see following page for recommended components. * Also available in kit form by ordering ISKCL201274. Kit includes ISK201274 camshaft, "Quiet Power" hydraulic lifters, Rev-Lube installation lubricant, and instructions.

Flat Tappet Series Camshafts for SB Chevy

Isky Flat Tappet Series Cams are designed for Sportsman, UMP, WISSOTA, and IMCA classes where reasonably priced cams producing good overall power and torque are necessary.



Part No.	Application	Grind	RPM Range	Valve Lift	Hot Lash	Advertised Duration	Duration @ .050"	Lobe Center
ISK201524	1/4-3/8 Mile Tracks, No Bank-2bbl	524	2400-6600	.524"/.534"	.016"/.018"	278°/282°	244°/248°	106°
ISK201535	Late Model Stock, 1/2-5/8 Mile Tracks, Restricted Intake	535/246	2400-6600	.535"	.014"/.016"	274°	246°	108°
ISK201536	Banked 1/4-3/8 Mile Tracks, 5.7-5.85" Rod Length	535-A	2400-6800	.535"/.545"	.014"/.016"	274°/278°	246°/250°	106°
ISK201544	Restricted Intake Classes, Late Model Stock	545	2500-6700	.545"	.014"/.016"	278°	250°	108°
ISK201534	Flat 1/4-3/8 Mile Tracks	534-A	2600-6800	.534"/.525"	.016"/.018"	282°/288°	248°/254°	106°
ISK201546	3/8-1/2 Mile Tracks, 5.70"-5.85" Rod Length	545-A	2600-7000	.545"/.555"	.014"/.016"	278°/282°	250°/254°	106°
ISK201547	Banked 1/4-3/8 Mile Tracks	547-A	3000-7000	.547"/.548"	.016"/.018"	288°/292°	254°/259°	106°
ISK201549	Banked 3/8-1/2 Mile Tracks, Broad Power	547-B	3000-7000	.547"/.555"	.016"/.016"	288°/296°	258°/263°	106°
ISK201CC1	Banked 1/4-3/8 Mile Tracks	CC-1	3000-6800	.525"/.520"	.016"/.018"	290°/296°	254°/260°	106°
ISK201CC2	Banked 1/2 Mile Tracks	CC-2	3200-7000	.525"/.545"	.016"/.026"	290°/304°	254°/264°	106°
ISK201556	High Banked 1/2 Mile, 5.70"-5.85" Rod Length	555-A	2800-7200	.555"/.565"	.014"/.016"	282°/286°	254°/258°	106°
ISK201571	High Banked 1/2 Mile, 5.7-5.85" Rod Length	570-A	3000-7600	.570"/.580"	.014"/.016"	286°/290°	258°/262°	106°
ISK201581	High Banked 1/2-3/8 Mile Tracks, 5.7-5.85" Rod Length	580-A	3200-7800	.580"/.585"	.014"/.016"	290°/294°	262°/266°	106°

Roller Series Camshafts for SB Chevy

Isky's roller camshafts are engineered for Late Models and Modifieds.



Part No.	Application	Grind	RPM Range	Valve Lift	Hot Lash	Advertised Duration	Duration @ .050"	Lobe Center
ISK201652	Dirt Late Models, 3/8-1/2 Mile Tracks	RR-652	3800-7400	.650"/.645"	.024"/.028"	286°/298°	256°/264°	106°
ISK201653	Dirt Late Models, High Banked 1/2 Mile	RR-653	4000-7600	.650"/.645"	.024"/.028"	290°/302°	260°/268°	106°

Recommended Components

For use with Hydraulic Series Cams	
Lifters	ISK202-HY
Springs	ISK205-D, ISK6005
Retainers	ISK707-ST, ISK507-ST
Locks	ISKVL-11/32
For use with Flat Tappet Series Cams	
Lifters	ISK202-H
Springs	ISK6105, ISK235-D
Retainers	ISK507-ST, ISK707-ST
Locks	ISKVL-11/32
For use with Roller Series Cams	
Springs	ISK9315 / ISK9365
Retainers	ISK507-ST
Locks	ISKVL-11/32



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Chevy Anti-Pump-Up Hydraulic Superlifters ISK202-HY

Isky Superlifters allow use of a more radical hydraulic camshaft without loss of compression and horsepower from valves being left off of their seats. Fits all Chevrolet V-8's. Sold in sets of 16.



Solid Lifters

Hardenable iron and special oiling solid lifters for Chevy and Ford. Special oiling lifters have a .024" oil hole EDM-machined through the cam face for extended cam life. Sold in sets of 16.



Part No.	Description
ISK202-H	Chevrolet V-8, Hardenable Iron
ISKS0202-H	Chevrolet V-8, Special Oiling
ISKS0382-H	Ford V-8, Special Oiling
ISK462-A	Ford 2300cc 4 Cylinder

EZ-Max Mechanical Roller Lifters

EZ-Max lifters incorporate Epsilon-ZMAX™ solid bearing raceway material, an ultra-low-friction alternative to needle bearings. Recommended for any application with over 400 lbs. seat and 1,100-1,400 lbs. open pressure. Sold in sets of 16.



Part No.	Description
ISK1271L0185EZMAX*	SB Chevrolet 262-400, .842" Dia., Aluminum Top "C", (8) Centerline, (4) Each .185" LH and RH Offset
ISK372L0180EZMAX*	SB Chevrolet 262-400, .842" Dia., Steel Body "A", (8) Centerline, (4) Each .180" LH and RH Offset, Lightweight Version
ISK3972RHEZMAX	Ford 351 SVO, 289-302, Boss 302, .874" Dia., Steel Body "A", (16) Centerline, Lightweight Version

* For extra tall blocks with raised lifter bosses.

Endurance Plus Mechanical Roller Lifters

Isky Endurance Plus roller lifters feature TruTrac needle roller bearings, a non-skid textured surface, premium 4340 steel pins, and "parabolic-profile" crowned outer bearing races for long, trouble-free life. Sold in sets of 16.



Part No.	Description
ISK1241-L0-150	SB Chevrolet 262-400, .150" Offset, Steel Body with Aluminum Top
ISK1241-L0-185	SB Chevrolet 262-400, .185" Offset, Steel Body with Aluminum Top

Red-Zone Maximum Endurance Mechanical Roller Lifters

Lifters are manufactured using Marathon roller bearings, which use larger diameter pins and thicker, shock-absorbing outer races for improved durability. Lifters include smooth-finished alloy steel bodies to repel scuffing, and a full-spectrum, three-point oiling system. Sets of 16.



Part No.	Description
ISK1271-LSH	SB Chevy, .842" Dia., Aluminum Top, Centerline
ISK1271-L0-150	SB Chevy, .842" Dia., Aluminum Top, (8) Centerline, (4) Each .150" LH and RH Offset
ISK1271-L0-185	SB Chevy, .842" Dia., Aluminum Top, (8) Centerline, (4) Each .185" LH and RH Offset

Valve Locks

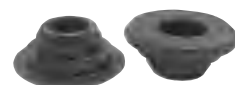
Locks are machined from 4140 chrome moly bar stock and heat treated. Available in 7° and 10° styles. The "Super 7°" locks have a precisely ground outside diameter to provide a more consistent installed height and are engineered for endurance oval track applications. Sold in sets of 16 pairs (32 pieces).



Part No.	Description
7° Valve Locks	
ISKVL-11/32	For 11/32" Valve Stems, SB Chevy, SB Ford
"Super 7°" Valve Locks	
ISKVL-700	For 11/32" Valve Stems, SB Chevy, SB Ford
ISKVL-750	For 11/32" Valve Stems, +.050" Higher Installed Height, SB Chevy, SB Ford
10° Valve Locks	
ISKVL10-11/32	For 11/32" Valve Stems, SB Chevy, SB Ford

Steel Valve Spring Retainers

4130 chrome moly steel retainers are ideal for most oval track applications. Sold in sets of 16.



Part No.	Spring Application
ISK275-ST	9315, 9365, 9365-SP, 9365, 9385, 9965, 9975, 9985, 9995
ISK507-ST	6005, 6105, 6205
ISK507-STA	6205, 8005-A
ISK707-ST	205-D
ISK707-STA	235-D, 295-D

Titanium Valve Spring Retainers

Retainers are 20-40% stronger and significantly lighter than common steel retainers. Made from 100% aircraft-quality titanium bar stock. Sold in sets of 16.



Part No.	Description
ISK90-TI/10DEG	10° Retainers, Use with 10° Valve Locks and Springs 8005-A, 8205, 8305, 9205, 9315, 9365, 9365-SP, 9385, 9965, 9975, 9985 and 9995.
ISK91-TI	7° Retainers, Use with Springs 8005-A, 8205, 8305, 9000, 9205, 9315, 9365, 9365-SP and 9385.

Adjustable Guide Plates

Plates minimize modifications to high-performance cylinder heads when intake ports have been relocated. Easily adjusted inward or outward with grind centers for a closer setting. For more stability, plates can be welded once final adjustments have been made. Fits SB Chevy and 90° V-6. Packaged in sets of 8 pairs.



Part No.	Description
ISK200-AGP	5/16" Dia. Pushrods
ISK300-AGP	3/8" Dia. Pushrods

Rev-Lube ISKRL-100

Ideally used as an assembly lubricant during hydraulic or solid camshaft "break-in", original formula Rev-Lube uses Moly-Sulphide with organic and synthetic polymers to prevent "dry start-up". Sold in 1-lb. container.





Valve Springs

Part No.	Type	Color Code	Outer O.D./I.D.	Inner O.D./I.D.	Seat Pressure	Open Pressure	Rate Per In.	Coil Bind	Max. Net Lift
ISK205-D	Single with Damper	Yellow	1.260"	.886"	115 @ 1.700"	268 @ 1.210"	310	1.160"	.490"
ISK235-D	Single with Damper	Blue	1.260"	.886"	130 @ 1.750"	320 @ 1.200"	350	1.150"	.550"
ISK6005	Dual with Damper	Blue/Orange/Yellow	1.005"/1.430"	.730"/1.070"	135 @ 1.750"	285 @ 1.200"	275	1.120"	.550"
ISK6105	Dual with Damper	Red/Orange/Yellow	1.000"/1.430"	.730"/1.070"	135 @ 1.812"	315 @ 1.260"	330	1.120"	.550"
ISK6205	Dual with Damper	Orange/Yellow	1.005"/1.430"	.725"/1.070"	175 @ 1.812"	330 @ 1.325"	320	1.160"	.550"
ISK8005-A	Dual with Damper	Blue/Orange/Yellow	1.005"/1.530"	.730"/1.110"	135 @ 1.875"	395 @ 1.225"	400	1.160"	.650"
ISK8005-SP	Dual with Damper	Blue/Orange/Yellow	1.005"/1.530"	.730"/1.110"	150 @ 1.875"	435 @ 1.225"	415	1.160"	.650"
ISK8205	Dual with Damper	Orange/Yellow/Brown	1.005"/1.530"	.730"/1.110"	140 @ 1.900"	430 @ 1.250"	440	1.170"	.650"
ISK8305	Dual with Damper	Natural	1.005"/1.510"	.730"/1.110"	160 @ 1.875"	380 @ 1.275"	370	1.175"	.600"
ISK9205	Dual with Damper	Purple	1.040"/1.550"	.755"/1.130"	170 @ 1.950"	475 @ 1.250"	435	1.175"	.675"
ISK9265	Dual with Damper	Natural/Yellow	1.005"/1.430"	.725"/1.115"	175 @ 1.875"	510 @ 1.200"	490	1.130"	.675"

"Max-Life" Super Endurance Roller Valve Springs ISK9987-RADML

Engineered for sustained high-RPM oval track racing, "Max-Life" Super Endurance valve springs are manufactured from a revolutionary new alloy steel that is nitride heat-treated and multi-stage micro-polished for enhanced longevity. Sold in sets of 16.



Type	Outer O.D./I.D.	Inner O.D./I.D.	Seat Pressure	Open Pressure	Rate Per Inch	Coil Bind	Max. Net Lift
Dual w/Damper	1.570"/1.146"	1.044"/.748"	275 @ 2.000"	790 @ 1.200"	644	1.150"	.800"

Endurance 9000 Series Valve Springs

High Endurance™ Valve Springs

Test-proven for 700 racing miles, Isky High Endurance valve springs are wound from "super clean" chrome silicone wire. Perfect for Late Models, Modifieds, and other race cars running up to 8,000 RPM. Sold in sets of 16.

Part No.	Type	Color Code	Outer O.D./I.D.	Inner O.D./I.D.	Seat Pressure	Open Pressure	Rate Per In.	Coil Bind	Max. Net Lift
ISK8205-SP	Dual with Damper	Natural	1.530"/1.110"	.730"/1.005"	150 @ 1.900"	440 @ 1.300"	480	1.150"	.650"
ISK9315	Dual with Damper	Red	1.550"/1.025"	.740"/1.035"	210 @ 1.900"	520 @ 1.240"	480	1.130"	.660"
ISK9365	Dual with Damper	Green	1.550"/1.135"	.740"/1.025"	220 @ 1.950"	550 @ 1.270"	460	1.170"	.680"
ISK9365-SP	Dual with Damper	Green	1.550"/1.135"	.740"/1.025"	225 @ 1.950"	550 @ 1.270"	460	1.170"	.680"
ISK9385	Dual with Damper	Yellow	1.560"/1.040"	.740"/1.145"	240 @ 2.000"	600 @ 1.250"	500	1.180"	.720"

Endurance Plus™ Valve Springs

Test-proven for 850 racing miles, Endurance Plus Springs feature a higher alloy outer spring "plus" special processing for increased durability. Excellent for use in Sprint cars, Super Modifieds, Super Late Models, Road Racing, and other race cars running up to 8,400 RPM. Sold in sets of 16.

Part No.	Type	Color Code	Outer O.D./I.D.	Inner O.D./I.D.	Seat Pressure	Open Pressure	Rate Per In.	Coil Bind	Max. Net Lift
ISK8005PLUS	Dual with Damper	—	1.530"/1.110"	1.005"/.730"	140 @ 1.875"	400 @ 1.275"	420	1.160"	.650"
ISK8205PLUS	Dual with Damper	—	1.530"/1.110"	1.005"/.730"	150 @ 1.900"	420 @ 1.300"	440	1.120"	.650"
ISK9365PLUS	Dual with Damper	Green/Silver/Orange	1.560"/1.040"	1.145"/.740"	235 @ 1.950"	560 @ 1.270"	470	1.170"	.680"
ISK9375PLUS	Dual with Damper	Natural/Silver/Orange	1.560"/1.040"	1.145"/.740"	230 @ 1.970"	560 @ 1.290"	480	1.190"	.680"
ISK9385PLUS	Dual with Damper	Natural/Silver/Red	1.560"/1.040"	1.145"/.740"	245 @ 2.000"	600 @ 1.280"	500	1.180"	.720"

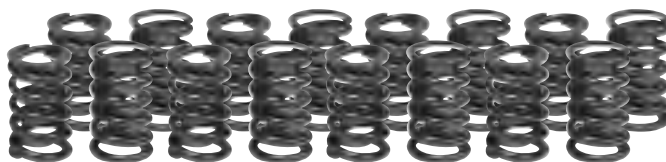
Precision Tool Room™ Valve Springs

Test-proven for 1,000 racing miles, Isky Precision Tool Room valve springs feature the highest quality alloy wire and trade-secret endurance processing. Great for Super Modifieds, ARCA, xFinity, Truck, Cup, and applications up to 8,800 RPM. Sold in sets of 16.

Part No.	Type	Color Code	Outer O.D./I.D.	Inner O.D./I.D.	Seat Pressure	Open Pressure	Rate Per In.	Coil Bind	Max. Net Lift
ISK295-D	Single with Damper	—	1.260"/.886"	—	135 @ 1.775"	350 @ 1.175"	360	1.100"	.600"
ISK9905	Dual with Damper	Gold	1.534"/1.120"	1.010"/.740"	165 @ 1.900"	450 @ 1.300"	475	1.160"	.600"
ISK9935	Dual Damperless	Gold	1.560"/1.155"	1.153"/.820"	245 @ 1.950"	590 @ 1.250"	490	1.150"	.700"
ISK9945	Dual with Damper	Gold	1.625"/1.175"	1.065"/.770"	250 @ 2.020"	675 @ 1.270"	550	1.180"	.750"
ISK9965	Dual with Damper	Gold	1.560"/1.145"	1.040"/.740"	245 @ 1.950"	585 @ 1.270"	470	1.170"	.680"
ISK9975	Dual with Damper	Gold	1.560"/1.145"	1.040"/.740"	245 @ 1.970"	585 @ 1.290"	480	1.190"	.680"
ISK9985	Dual with Damper	Gold	1.560"/1.145"	1.040"/.740"	245 @ 2.000"	600 @ 1.300"	500	1.200"	.700"
ISK9995	Dual with Damper	Gold	1.570"/1.145"	1.035"/.740"	250 @ 2.030"	625 @ 1.300"	510	1.200"	.730"

RAD-9000 Precision Tool Room Valve Springs

Isky Precision Tool Room valve springs have gone one step further. Springs have undergone Radial-Densification (RAD) to further modify the springs' physical properties. Designed for endurance oval track racing, RAD-9000 springs are sold in sets of 16.



Part No.	Type	Outer O.D./I.D.	Inner O.D./I.D.	Seat Pressure	Open Pressure	Rate Per In.	Coil Bind	Max. Net Lift
ISK9945-RAD	Dual with Damper	1.625"/1.175"	1.065"/.770"	250 @ 2.020"	675 @ 1.270"	550	1.180"	.750"
ISK9955-RAD	Dual with Damper	1.625"/1.175"	1.065"/.770"	265 @ 2.120"	700 @ 1.320"	545	1.240"	.800"
ISK9968RAD	Dual with Damper	1.570"/1.145"	1.570"/1.145"	250 @ 1.950"	665 @ 1.200"	560	1.100"	—
ISK9985-RAD	Dual with Damper	1.650"/1.145"	1.040"/.740"	245 @ 2.000"	600 @ 1.300"	500	1.200"	.700"
ISK9988-RAD	Dual with Damper	1.570"/1.145"	1.040"/.745"	250 @ 2.000"	660 @ 1.250"	550	1.150"	.750"
ISK9989RAD	Dual with Damper	1.570"	.745"	270 @ 2.000"	710 @ 1.200"	570	1.130"	.800"
ISK9995-RAD	Dual with Damper	1.570"/1.145"	1.040"/.740"	250 @ 2.030"	625 @ 1.300"	510	1.200"	.730"
ISK9998-RAD	Dual with Damper	1.600"/1.150"	1.040"/.745"	250 @ 2.050"	735 @ 1.250"	600	1.160"	.800"
ISK9999-RAD	Dual with Damper	1.600"/1.150"	1.040"/.745"	250 @ 2.000"	770 @ 1.200"	650	1.150"	.800"



Circle Track Fuel Cells

Circle track cells have 3" raised filler necks with a large bail handle on the cap, and a fuel pickup hose located at the right rear of the cell. One -8AN pickup and one -8AN vent or return line are located on top of the cells. Cells are filled with safety foam.



Part No.	Capacity	Size
JAZ200-008-01	8 Gallon	20" x 15" x 7-1/2"
JAZ200-010-01	10 Gallon	25" x 9" x 12"
JAZ200-012-01	12 Gallon	17-1/2" x 16" x 10"
JAZ200-016-01	16 Gallon	25" x 17" x 10"
JAZ200-116-01	16 Gallon	18-1/2" x 18-1/2" x 12"
JAZ200-122-01	22 Gallon	33" x 17-3/4" x 10"
JAZ200-222-01	22 Gallon	25" x 17" x 14"

Pro Sport Fuel Cells

Seamless polyethylene cells are housed in choice of red or black powder-coated steel containers and filled with aviation foam. Cap assembly with D-ring bail handle features check valve vent. All cells listed include -8AN fuel pickup and -8AN tip-over valve vent.



Capacity	Size	Red Container Part No.	Black Container Part No.
8 Gallon	20-5/8" x 15-1/2" x 8-3/8"	JAZ270-008-06	—
12 Gallon	18" x 16-1/2" x 10-1/2"	JAZ270-012-06	—
16 Gallon	26" x 18" x 10"	JAZ270-016-06	JAZ270-016-01
16 Gallon	26" x 18" x 10"	—	JAZ271-016-01*
16 Gallon	26" x 18" x 10"	JAZ281-016-06†	—
16 Gallon	19" x 19" x 12-1/2"	JAZ270-116-06	—
22 Gallon	25-3/4" x 17-3/8" x 14-1/2"	JAZ270-222-06	JAZ270-222-01
22 Gallon	34-1/2" x 18-3/4" x 10-1/2"	JAZ270-122-06	—
32 Gallon	26-5/8" x 18-5/8" x 18-5/8"	JAZ270-132-06	—

* Includes tip-over valve flapper under cap assembly.

† Includes 45° flapper filler.

Pro Sport Fuel Cells with Check Valve Flapper

IMCA-approved, Pro Sport fuel cell features the addition of a 12-bolt fill valve and check valve flapper. The 2-1/4" diameter fill tube and twist-lock cap assembly uses a bolted-in plastic flapper for rollover protection, and incorporates a -10AN tip-over valve vent fitting. Seamless polyethylene cells are housed in choice of red or black powder-coated steel containers and include -8AN fuel pickups. Cells are offered with or without aviation safety foam.



Capacity	Size	Red Container Part No.	Black Container Part No.
Cells with Aviation Safety Foam			
8 Gallon	20-5/8" x 15-1/2" x 8-3/8"	JAZ277-008-06	—
12 Gallon	18" x 16-1/2" x 10-1/2"	JAZ277-012-06	JAZ277-012-01
16 Gallon	26" x 18" x 10"	JAZ277-016-06	JAZ277-016-01
22 Gallon	34-1/2" x 18-3/4" x 10-1/2"	JAZ270-122-06	—
22 Gallon	25-3/4" x 17-3/8" x 14-1/2"	JAZ277-222-06	JAZ277-222-01
Cells without Aviation Safety Foam			
12 Gallon	18" x 16-1/2" x 10-1/2"	JAZ277-012-NF	JAZ277-012-NF1
16 Gallon	26" x 18" x 10"	JAZ277-016-NF	JAZ277-016-NF1

Pro Sport 12-Gallon Fuel Cell with 45° Flapper Filler

Pro Sport 12-gallon capacity fuel cell is fitted with a 45° filler neck and spring-loaded flapper valve. Seamless polyethylene cell is housed in a red powder-coated steel container and filled with aviation safety foam. Cell includes -8AN fuel pickup, -8AN tip-over valve vent, and the pickup hose is routed to the right rear corner.





Pro Sport Fuel Cells with Flapper/Fill Valve

Pro Sport cells include an IMCA-accepted cast aluminum fill valve with spring-loaded flapper for roll-over protection, and bail-handled steel fill cap for quick, easy filling. Seamless polyethylene cells are housed in choice of red or black powder-coated steel containers. Cells use -8AN fuel pickup and -8AN tip-over valve vent. Cells are offered with or without aviation safety foam.



Capacity	Size	Red Container Part No.	Black Container Part No.
Cells with Aviation Safety Foam			
8 Gallon	20-5/8" x 15-1/2" x 8-3/8"	JAZ275-008-06	—
12 Gallon	18" x 16-1/2" x 10-1/2"	JAZ275-012-06	JAZ275-012-01
16 Gallon	26" x 18" x 10"	JAZ275-016-06	JAZ275-016-01
16 Gallon	19" x 19" x 12-1/2"	JAZ275-116-06	—
22 Gallon	25-3/4" x 17-3/8" x 14-1/2"	JAZ275-222-06	—
Cells without Aviation Safety Foam			
12 Gallon	18" x 16-1/2" x 10-1/2"	JAZ275-012-NF	JAZ275-012-NF1
16 Gallon	26" x 18" x 10"	JAZ275-016-NF	JAZ275-016-NF1

Pro Sport Specialized Fuel Cells

Pro Sport Specialized cells use red or black powder-coated, 20-gauge steel containers with seamless, cross-linked polyethylene inner shells, and include D-ring bail handle cap assemblies, -10AN fuel pickups, -8AN tip-over valve vents, and -8AN return fittings. Top pickup hose routes to right rear corner. Cells listed do not include safety foam.



Description	Size	Red Container Part No.	Black Container Part No.
22-Gallon, Top Feed	25" x 16-3/4" x 13-5/8"	JAZ270-622-NF	—
32-Gallon, Top Feed	26-5/8" x 18-5/8" x 18-5/8"	JAZ270-532-NF	JAZ270-532-NF1

Man-O-War Fuel Cell JAZ285-722-01

Specifically designed for Dirt Late Models or Dirt Modifieds, 22-gallon fuel cell features a black powder-coated steel container with non-vented, billet aluminum twist lock cap, dipstick, and a bolt-in plastic flapper for roll-over protection. Cell is 21-1/4" long x 18-7/8" wide x 18-7/8" deep, includes a -10AN 90° fuel pick-up with bat wing, -8AN 90° return, and -8AN 90° tip-over valve vent. Fits most popular chassis including Edge and Rage.



Fuel Cell Tip-Over Valves

Prevents fuel spillage in the event of a roll-over.

Part No.	Description
JAZ834-006-11	-6AN Tip Over Valve
JAZ834-008-11	-8AN Tip Over Valve
JAZ834-206-06	-6AN External Tip Over Valve
JAZ834-208-06	-8AN External Tip Over Valve



Fast Flow Fuel Cell Fittings

Fully-radiused Fast Flow fuel cell fittings include bulkhead nuts and poly washers. Poly washers are also available separately.

Size	Fuel Cell Fitting Part No.	Poly Washer Part No.
-6AN	JAZ832-106-11	JAZ850-506-04
-8AN	JAZ832-108-11	JAZ850-508-04
-10AN	JAZ832-110-11	JAZ850-510-04
-12AN	JAZ832-112-11	JAZ850-512-04
-16AN	JAZ832-116-11	JAZ850-516-04



Oval Filler Plate Kit

Oval 6" x 10" black powder-coated filler plate incorporates a -10AN pickup, -8AN vent and return, tip-over valve, and dipstick access. Offered with D-ring cap or 45° fast fill valve.



Part No.	Description
JAZ315-610-01	Oval Filler Plate Kit, D-Ring Cap
JAZ315-710-01	Oval Filler Plate Kit, 45° Fast Fill Valve

12-Bolt Fill Valve with Check Valve Flapper JAZ391-251-03

Designed to be retrofitted onto any standard 12-hole pattern cap assemblies, fill valve includes a 2-1/4" diameter fill tube and twist-lock cap. A bolted-in plastic flapper provides roll-over protection and includes a -10AN tip-over valve vent fitting.



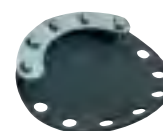
Flapper/Fill Valve JAZ390-004-01

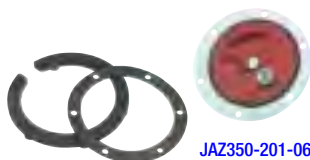
IMCA-accepted, cast aluminum fill valve features a spring-loaded flapper for roll-over protection so that it may be used to update existing fuel cells to meet current sanctioning body rules. Fill valve has popular JAZ 12-bolt pattern, and includes a steel bail-handled cap.



5-Bolt Flapper JAZ315-105-03

Flapper mounts under 12-bolt bail handle fuel caps, sealing the cap in the event of a rollover and reducing the chance of fuel leakage from the cap. Sold complete with necessary hardware and instructions.





Fuel Cell Components

Part No.	Description
JAZ315-030-03	Split Nut Ring, Allows Installation of Fast Fill Valves JAZ345-250-03 and JAZ345-225-03
JAZ340-025-03	Replacement Cap for Pro Max Cell
JAZ340-200-06	Replacement Flush Mount Cap Only
JAZ340-300-09	Bail Handle Cap Only
JAZ345-225-03	45° Fast Fill Valve, 2-1/4" O.D., Requires JAZ315-030-03
JAZ350-201-06	Replacement Flush Mount Cap Assembly, 6-Bolt
JAZ350-250-03	Fender Filler, Recessed with 2-1/2" Hose Nipple
JAZ350-301-03	Bail Handle Cap and Filler Neck
JAZ360-222-11	Fuel Cell Foam Kit, 22-Gallon, 222 Series Cells
JAZ850-300-01	Bail Handle Cap Gasket

Fuel Funnels

Standard Triangular JAZ550-014-06

14" triangular shape allows easy filling against a bulkhead. 3-step spout can be cut off for different rates of flow. 17" long. Accepts filter JAZ500-000-01.



Large Triangular JAZ550-016-06

16" triangular funnel is similar to the standard funnel, but with a larger capacity and a tapered spout for different flow rates. 22" long. Accepts filter JAZ500-000-01.



Go Deep JAZ560-014-06

Ideal for automatic transmissions, 7" x 14" funnel has a built-in handle, anti-splash ring and 30" long, tapered spout. Accepts filter JAZ500-000-01.



Filter Insert JAZ500-000-01

60-micron stainless steel screen is easily removed for cleaning. O-ring is set into a molded-in groove to provide a tight seal. Fits above funnels.

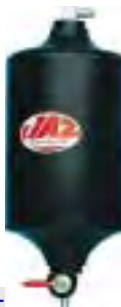


Overflow Catch Cans

Molded one-piece, one-quart catch can has unique swivel elbow input and a lever-handle petcock for draining. Easily mounted with two molded-in 1/4"-20 threaded inserts.

Black Part No.	Clear Part No.	Red Part No.	Blue Part No.
JAZ600-025-01	JAZ600-025-05	JAZ600-025-06	JAZ600-025-07

Note: May be mounted using Allstar ALL14200 or ALL14201 brackets



Crankcase Breather Tanks

Offered in two sizes, with breather filter on top, petcock drain on the bottom, and 1/4"-20 threaded inserts for easy mounting.

Part No.	Description
JAZ605-025-01	1 Quart Breather, -6AN Inlet
JAZ605-125-01	1 Quart Breather, -10AN Inlet
JAZ605-225-01	1 Quart Breather, -12AN Inlet
JAZ605-375-01	1 Pint Mini Breather, 3/8" Fittings



SFI-Approved Roll Bar Padding

Adhesive-backed roll bar padding easily attaches to roll bar tubing and meets SFI 45.1 specifications. Available in 3-ft. lengths and 1/2" or 5/8" thicknesses.

Part No.	Description
JAZ690-003-01	1/2" Thick Roll Bar Padding, Black
JAZ690-007-01	5/8" Thick Roll Bar Padding, Black



Protecto I and II

The Protecto I (horizontal) and Protecto II (vertical) Ford 9" third member storage boxes are a better method of carrying and storing rear end center sections. Protecto cases will not leak and provide strong, durable protection. Stackable with easy-to-handle finger grips.

Part No.	Description
JAZ700-009-01	Protecto I, Horizontal
JAZ700-010-01	Protecto II, Vertical



Valve Train Trays

Lightweight trays are perfect for keeping valvetrain components organized during engine tear down. Valve spring tray holds springs, valve locks, and will hold the largest valves available. Rocker arm tray holds pushrods, lifters, poly locks, spark plugs, and rocker arms.

Part No.	Description
JAZ735-001-06	Valve Spring Tray
JAZ735-002-06	Rocker Arm Tray



Engine Stand Drip Tray JAZ720-000-01

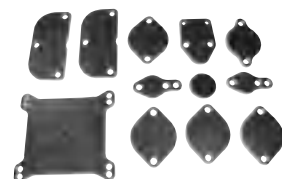
Sturdy drip tray fits most three-and four-legged engine stands, and has a deep sump to catch oil and debris. Tray helps keep workshop/garage floor clean for a safer workspace, and aids in catching dropped fasteners and small parts.



Engine Block Off Kits

Ideal for sealing up spare engines. Easier and cleaner than using tape. Plastic block-offs are included for exhaust ports, carburetor flange, water pump, fuel pump, and water outlet.

Part No.	Description
JAZ730-001-01	SB Chevy Block-Off Kit, 4150 Carb
JAZ730-004-01	SB Chevy/Brodix Block-Off Kit, 4150 Carb
JAZ730-007-01	SB Ford Block-Off Kit, 4150 Carb





Stage 1 Rochester 2bbl Carburetor JET37001

Designed for circle track classes requiring a Rochester 2bbl. Stage 1 carb flows 500 CFM and has a custom fuel curve for maximum performance. Carb has been modified to use Holley-style jets, incorporates a large .130" dia. needle and seat assembly, and has a small float for increased bowl capacity. Carb has a 1-3/8" venturi, 1-11/16" bore size, and is designed to pass a gauge test.



Circle Track Rochester Quadrajets 4bbl Carburetor JET35004

Built exclusively for circle track racing, Rochester Quadrajets carburetor is designed for 355-406 cu. in. small blocks with 11.5:1 compression, 250° @ .050" minimum camshaft duration with .525" valve lift, and single-plane manifold and headers. Unit has been thoroughly reworked by increasing main well size, installing a large .149" needle and seat assembly, and custom tailoring the fuel curve.



SB Chevy 350/400 23° Dome

High-compression pistons are compatible with most stock, aftermarket, and angle-milled cylinder heads. Valve reliefs accommodate oversized valves and high-lift cams. Requires 1/16" top, 1/16" second, and 3/16" oil rings. Sold in sets of eight and include .927" x 2.750" (130 grams) wrist pins, and double spiral locks.



Part No.	Bore	Stroke	Rod Length	Comp. Ratio	Dome Volume
350 Pistons					
JEP182005	4.030"	3.750"	6.000"	13.3:1	+9.5cc
JEP182006	4.040"	3.750"	6.000"	13.7:1	+11cc
JEP182012	4.030"	3.500"	6.000"	13.1:1	+13cc
JEP182014	4.040"	3.500"	6.000"	13.2:1	+13cc
JEP182015	4.060"	3.500"	6.000"	13.5:1	+13.5cc

400 Pistons					
JEP182024	4.125"	4.000"	6.000"	13.4:1	+3cc
JEP182027	4.155"	4.000"	6.000"	13.5:1	+3cc
JEP182028	4.165"	4.000"	6.000"	13.7:1	+3cc
JEP182032	4.165"	4.000"	6.000"	14.6:1	+8cc
JEP182033	4.125"	3.875"	6.000"	13.5:1	+5.6cc
JEP182036	4.155"	3.875"	6.000"	13.2:1	+3cc
JEP182037	4.165"	3.875"	6.000"	13.3:1	+3cc
JEP182038	4.125"	3.875"	6.000"	14.1:1	+8cc
JEP182039	4.130"	3.875"	6.000"	15.0:1	+10.8cc
JEP182041	4.155"	3.875"	6.000"	14.1:1	+8cc
JEP182042	4.165"	3.875"	6.000"	14.2:1	+8cc
JEP182053	4.125"	3.750"	6.000"	12.7:1	+3cc
JEP182058	4.125"	3.750"	6.000"	13.6:1	+8cc
JEP182061	4.155"	3.750"	6.000"	13.7:1	+8cc
JEP182063	4.125"	3.625"	6.000"	14.1:1	+12.9cc
JEP182065	4.155"	3.625"	6.000"	14.3:1	+12.9cc
JEP182067	4.125"	3.500"	6.000"	13.8:1	+13cc
JEP182069	4.155"	3.500"	6.000"	13.8:1	+13cc
JEP207513	4.185"	4.000"	6.000"	14.8:1	+8cc

Notes: Compression ratios are based on a 64cc combustion chamber. All of the 350 pistons fit both 3.480" and 3.500" strokes.

SB Chevy 400 18° Flat Top

Made for small block Chevy 400 engines fitted with 18° cylinder heads, flat-top pistons feature a low-friction skirt design and CNC-machined ring grooves that accept 1/16", 1/16", and 3/16" rings. Pistons include valve reliefs to allow compatibility with oversized valves and long duration camshafts. Sold in sets of eight and include oil rail supports, .927" x 2.750" (130 gram) wrist pins, and double spiral locks.



Part No.	Bore	Stroke	Rod Length	Comp. Ratio	Dome Volume
JEP181957	4.125"	3.875"	6.000"	13.1:1	-6.0cc
JEP213112	4.155"	3.875"	6.000"	14.9:1	+2.5cc
JEP181960	4.155"	3.875"	6.000"	13.2:1	-6.0cc
JEP213123	4.165"	3.875"	6.000"	14.5:1	+2.5cc

Note: Compression ratios are based on a 55cc combustion chamber.

SB Chevy 400 18° Dome

Pistons utilize a special dome profile for improved compatibility with a wide variety of 18° cylinder heads. Engineered for large cubic inch, high-compression Dirt Late Models, pistons accept 1/16", 1/16", and 3/16" rings, and feature valve reliefs that are compatible with oversized valves and long-duration camshafts. Sold in sets of eight that include oil rail supports, .927" x 2.750" (130 gram) wrist pins, and double spiral locks.



Part No.	Bore	Stroke	Rod Length	Comp. Ratio	Dome Volume
JEP213110	4.135"	3.875"	6.000"	14.7:1	+2.5cc
JEP213121	4.145"	3.750"	6.000"	14.4:1	+2.5cc
JEP213112	4.155"	3.875"	6.000"	14.9:1	+2.5cc
JEP213123	4.165"	3.875"	6.000"	14.9:1	+2.5cc

Note: Compression ratios are based on a 55cc combustion chamber.



SB Chevy 350/400 23° Flat-Top

Low-friction pistons with double-forced pin oilers and annular oil reservoirs will fit most 23° (OEM angle) cylinder heads. Requires 1/16" top, 1/16" second, and 3/16" oil rings. The pistons include .927" x 2.500" (118 grams) heavy-duty wrist pins. Sold in sets of eight, with double spiral locks.



Part No.	Bore	Stroke	Rod Length	Comp. Ratio	Dome Volume
350 Pistons					
JEP181916	4.030"	3.500"	6.000"	10.3:1	-5 cc
400 Pistons					
JEP242886	4.125"	4.000"	6.000"	12.2:1	-5cc
JEP194339	4.155"	4.000"	6.000"	12.3:1	-5cc
JEP194340	4.165"	4.000"	6.000"	12.3:1	-4.3cc

Notes: Compression ratios are based on a 64cc combustion chamber. The 350 pistons listed above fit both 3.480" and 3.500" strokes.

SB Chevy 23° F.S.R. Tour Series GP

Lightweight, lateral gas-ported pistons are engineered for circle track applications with up to 650 horsepower. Pistons use an aggressive, raised ring competition-only design for maximum performance. Requires .043" top, .043" second, and 3.0mm oil rings. Sold in sets of eight, complete with .927" x 2.350" (111 grams) wrist pins, and wire locks.



Part No.	Bore	Stroke	Rod Length	Comp. Ratio	Dome Volume
JEP258027	4.045"	3.500"	5.700"	10.4:1	-5.0cc
JEP258028	4.030"	3.500"	6.000"	10.4:1	-5.0cc
JEP258029	4.035"	3.500"	6.000"	10.4:1	-5.0cc
JEP258030	4.040"	3.500"	6.000"	10.4:1	-5.0cc
JEP258031	4.045"	3.500"	6.000"	10.5:1	-5.0cc

Note: Compression ratios are based on a 64cc combustion chamber. The 350 pistons listed above fit both 3.480" and 3.500" strokes.

SB Chevy 13° All Pro/13.5° GB 2000 Dome

Ideal for Dirt Late Models, small block Chevy 400 pistons utilize deep valve reliefs to accommodate increased valve lift and smaller combustion chambers. Pistons accept 1.2, 1.5, and 3.0mm rings for reduced friction, and lateral gas ports are used to increase combustion sealing. Sold in sets of eight with .927" x 2.750" (130 grams) wrist pins and double spiral locks.



Part No.	Bore	Stroke	Rod Length	Comp. Ratio	Dome Volume
JEP281793*	4.125"	3.800"	6.000"	15.1	-4.5
JEP281800*	4.140"	3.800"	5.850"	15.2	-4.5

* Compression ratios are based on a 45cc combustion chamber.

Race Series Piston Rings

A full selection of premium Pro Seal piston rings are listed by bore size. Top compression rings are barrel-faced ductile iron with a plasma moly coating. Second rings are taper-face cast iron with a phosphate coating. Standard or low-tension oil rings are chrome-plated carbon steel. Alkl sets listed are file fit installation.



Part No.	Bore Size	Type	Top Ring	2nd Ring	Oil Ring
JEPJ100F8-4030-5	4.030"	Plasma-Moly	1/16"	1/16"	3/16"
JEPJ10008-4030-5*	4.030"	Plasma-Moly	1/16"	1/16"	3/16"
JEPJ100F8-4040-5	4.040"	Plasma-Moly	1/16"	1/16"	3/16"
JEPJ10008-4040-5*	4.040"	Plasma-Moly	1/16"	1/16"	3/16"
JEPJ100F8-4080-5	4.080"	Plasma-Moly	1/16"	1/16"	3/16"
JEPJ100F8-4125-5	4.125"	Plasma-Moly	1/16"	1/16"	3/16"
JEPJ10008-4125-5*	4.125"	Plasma-Moly	1/16"	1/16"	3/16"
JEPJ10008-4130-5	4.130"	Plasma-Moly	1/16"	1/16"	3/16"
JEPJ10008-4145-5*	4.145"	Plasma-Moly	1/16"	1/16"	3/16"
JEPJ100F8-4155-5	4.155"	Plasma-Moly	1/16"	1/16"	3/16"
JEPJ10008-4155-5*	4.155"	Plasma-Moly	1/16"	1/16"	3/16"
JEPS100S8-4155-5	4.155"	Plasma-Moly	1/16"	1/16"	3/16"
JEPJ10008-4165-5	4.165"	Plasma-Moly	1/16"	1/16"	3/16"

* Low-tension oil rings

Pro Seal Premium Race Series Piston Rings NEW!

Premium Race Series ring sets combine plasma-moly inlaid ductile iron top rings with taper-faced reverse torsional second rings and low-tension oil rings. All sets listed are file-fit installation.



Part No.	Bore Size	Type	Top Ring	2nd Ring	Oil Ring
JEPJG3108-4000-7	4.000"	Plasma-Moly	1.2mm	1.5mm	3.0mm
JEPJ71408-4030-5	4.030"	Plasma-Moly	.043"	.043"	3.0mm
JEPJ71408-4040-5	4.040"	Plasma-Moly	.043"	.043"	3.0mm
JEPJ71408-4060-5	4.060"	Plasma-Moly	.043"	.043"	3.0mm
JEPJG31F8-4060-0	4.060"	Plasma-Moly	1.2mm	1.5mm	3.0mm
JEPJG31F8-4070-0	4.070"	Plasma-Moly	1.2mm	1.5mm	3.0mm
JEPJG31F8-4075-5	4.075"	Plasma-Moly	1.2mm	1.5mm	3.0mm
JEPJ71408-4125-5	4.125"	Plasma-Moly	.043"	.043"	3.0mm

Pro Seal Carbon Steel Nitride Piston Rings NEW!

Top-of-the line piston rings sets include .043" carbon steel nitride top rings, .043" ductile iron phosphate second rings, and 3mm carbon steel low-tension oil rings. Requires file-fitting.



Part No.	Bore Size	Type	Top Ring	2nd Ring	Oil Ring
JEPJG7708-4145-5	4.145"	Carbon Steel	.043"	.043"	3mm
JEPJG7708-4165-5	4.165"	Carbon Steel	.043"	.043"	3mm

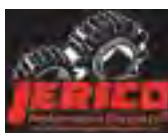


Billet Timing Chain Sets

JP Performance billet timing gear sets have induction-hardened crank sprockets for increased life and durability. Most sets have reverse oiler grooves to lubricate the front cam journal face in engines without thrust plates. Timing sets are also available -.005" and -.010" for engines that have been align bored (require reduced center distances).



Description	Standard Part No.	-.005" Part No.	-.010" Part No.
SB Chevy 265-400, Reverse Oiler	JPP5981	—	JPP5981-LB10
SB Chevy 265-400, Torrington Bearing	JPP5981T	JPP5981T-LB5	JPP5981T-LB10
SB Chevy 265-400, BB Chevy Crank Snout, Torrington Bearing	JPP5630T	—	—
SB Chevy "Rocket Block", Torrington Bearing	JPP5616T	—	—
SB Chevy Gen. III 5.7L LS1, Torrington Bearing	JPP5615T	JPP5615T-LB5	—
SB Chevy Gen. III 6.0L LS2, Torrington Bearing	JPP5623T	—	—
SB Ford 302-351W, Non-EFI, Reverse Oiler	JPP5982	JPP5982-LB5	—
SB Chrysler 273-360	JPP5985	JPP5985-LB5	—



Available by special order only.

2-Speed Transmission JER2SP

Compact two-speed transmission is strong, lightweight, and versatile. It is one of the fastest transmissions available. More durable and less expensive to run than modified stock transmissions, the Jerico is engineered to excel on either dirt or asphalt. Jerico's standard two-speed is 21-1/2" long and weighs only 58 lbs. Jerico transmissions use 26-spline Chevy input shafts with 1.40 low gear ratio and are fitted with a roller bearing tailhousing.



Quick-Connect Fluid Fittings

Disconnect fittings in seconds. Stealth-black aluminum fittings resist leakage, withstand up to 200 PSI, and can handle fuel, oil, or water. Jiffy-Tite 2000, 3000, and 5000 series fittings each offer progressively increased flow and will mate with any socket within the same series. One plug and one socket are required to make a quick-release connection. Fittings listed are valved, unless noted, and are only interchangeable with other valved fittings.



JFT21606J

Description	Size	200 Series Socket Part No.	200 Series Plug Part No.	300 Series Socket Part No.	300 Series Plug Part No.	500 Series Socket Part No.	500 Series Plug Part No.
Straight Reusable Nut Hose End	-4AN	JFT21604J	—	—	—	—	—
Straight Reusable Nut Hose End	-6AN	JFT21606J	JFT22606J	JFT31606J	JFT32606J	—	—
Straight Reusable Nut Hose End	-8AN	—	—	JFT31608J	JFT32608J	—	—
Straight Reusable Nut Hose End	-10AN	—	—	—	—	JFT51610J	—
Straight Reusable Nut Hose End	-12AN	—	—	—	—	JFT51612J	—
45° Reusable Nut Hose End	-6AN	JFT21606DJ	—	JFT31606DJ	—	—	—
45° Reusable Nut Hose End	-10AN	—	—	—	—	—	—
90° Reusable Nut Hose End	-6AN	—	—	JFT31606EJ	—	—	—
Straight Hose Barb	-6AN	—	JFT22506	—	—	—	—
Straight Hose Barb	-8AN	—	—	JFT31508J	JFT32508	—	—
Straight Hose Barb	-10AN	—	—	—	—	JFT51510	—
Straight Hose Barb	-12AN	—	—	—	—	JFT51512J	JFT52512
Straight Reusable Nut Hose End	-4AN	JFT21604J	—	—	—	—	—
Straight Female 37° Hose End	-6AN	—	—	JFT31306J	JFT32306	—	—
Straight Female 37° Hose End	-8AN	—	—	JFT31308J	JFT32308	—	—
Straight Female 37° Hose End	-10AN	—	—	—	—	—	JFT52310
Straight Male 37° Hose End	-3AN	JFT21403J	—	—	—	—	—
Straight Male 37° Hose End	-6AN	—	—	JFT31406J	JFT32406	—	—
Straight Male 37° Hose End	-8AN	—	—	JFT31408J	JFT32408	—	—
Straight Male 37° Hose End	-10AN	—	—	—	—	JFT51410J	JFT52410
Straight Male 37° Hose End	-12AN	—	—	—	—	JFT51412	—
Male O-Ring Boss Seal, ORB	-6AN	—	JFT22106	—	JFT32106	—	—
Male O-Ring Boss Seal, ORB	-8AN	—	—	—	JFT32108	—	JFT52108
Male O-Ring Boss Seal, ORB, Non-Valved	-8AN	—	—	—	—	—	—
Male O-Ring Boss Seal, ORB	-10AN	—	—	—	—	—	JFT52110
Male O-Ring Boss Seal, ORB	-12AN	—	—	—	—	—	JFT52112
Straight Push Lock to Hose Barb	-8AN	—	—	JFT31508PJ	JFT32508P	JFT51508P	JFT52508P
Male NPT	1/8" NPT	—	JFT22802	—	—	—	—
Male NPT	1/4" NPT	—	—	—	JFT32804	—	—
Female NPT	1/4" NPT	—	—	—	JFT32704	—	—
Male NPT	3/8" NPT	—	—	—	JFT32806	—	—
Male NPT	1/2" NPT	—	—	—	—	JFT51808J	JFT52808
Male NPT	3/4" NPT	—	—	—	—	—	JFT52812

Note: Fittings without suffix have black/gold finish, fittings with "J" suffix are stealth black. "P" suffix identifies push lock fittings.

Carburetor Kits

Quick-connect kits include two sockets, two plugs, and two aluminum washers.

Fittings listed are engineered for gasoline applications. Fittings with Buna-N (nitrile) are recommended for alcohol or methanol applications and are available by special order.

Description	Fluorocarbon Part No.
JFT200C1J	7/8"-20 UNEF x -6AN, Dual-Feed Holley
JFT300C1J	7/8"-20 UNEF x -8AN, Dual-Feed Holley



Transmission Kits

Self-sealing fittings allow quicker transmission changes and may be disconnected quickly without tools.



Part No.	Description
JFT200T1J	Kit Includes (2) 12" Long -6AN Braided Hoses, (2) 1/4" to 1/8" NPT Reducers, (1) Plug and (1) Socket
JFT200T2J	Kit Includes (2) 12" Long -6AN Braided Hoses and (2) 1/4" to 1/8" NPT Reducers
JFT200T3J	Kit Includes (2) 45° x 1/8" NPT Elbows, (2) Plugs and (2) Sockets
JFT200T4J	Kit Includes (2) 45° x 1/4" NPT Elbows, (2) Plugs and (2) Sockets

Note: Most Chrysler, Ford, and GM Powerglide require 1/8" NPT fittings; TH-400 uses 1/4" NPT.



Pro Tire Gauges

Combining durability and superior accuracy, Pro tire gauges feature 2-1/2" diameter glow-in-the-dark dial faces, flexible 17" long rubber hoses, and high-flow pressure release buttons. Sold complete with swivel and angle chucks. Choose from tire gauges with or without hold valves for "frozen" pressure readings.



Description	Gauge w/o Hold Valve Part No.	Gauge w/Hold Valve Part No.
0-15 PSI	JOE32315	JOE32325
0-30 PSI	JOE32316	JOE32326
0-60 PSI	JOE32317	JOE32327

Glow-in-the-Dark Tire Pressure Gauges

Accurately adjust tire pressure, even in dark pit areas. 2-1/2" gauges include air pressure release buttons, 17" ultra-flexible hoses with a chrome swivel-angle chuck and a separate ball chuck.

Description	Standard 2-1/2" Dia. Part No.
0-15 PSI	JOE32305
0-30 PSI	JOE32306
0-60 PSI	JOE32307



Digital 0-60 PSI Tire Pressure Gauge JOE32435

High-quality, affordable gauge includes large, easy-to-read numbers and accuracy up to 1%. Gauge reads 0-60 PSI and is sold complete with a JOES tread depth gauge.



Precision-Air Tire Gauge JOE32311

Certified to deliver superior accuracy, Precision-Air tire gauge uses the highest quality components available. Made in the USA, gauge features a billet aluminum housing with shock-absorbing bumper, back-lit display, 45° high-flow chuck, and ball chuck. Gauge can measure up to 100 PSI in .01 increments with atmospheric and temperature compensation, store up to eight sets of tires in memory, and display four recorded pressures at a time. Includes storage case and (4) AAA batteries.



Remote Tire Inflator JOE32486

Offers a safe, efficient method of mounting and inflating tires. Strong, clip-on air chuck with 5' long rubber hose and Pro 0-60 PSI gauge provides a safe distance to the user while the tire inflates, preventing any risk of injury.



Billet Quick-Fill Tire Inflators

Fill tires, check pressure, and release excess pressure with a single tool. Billet aluminum handle features both fast-fill and high-flow bleed buttons perfectly placed for ease-of-use. Includes 17" flexible rubber hose, 45° swivel chuck, and ball chuck.



Part No.	Description
JOE32490	Billet Quick-Fill Tire Inflator, 0-30 PSI Pro Gauge
JOE32491	Billet Quick-Fill Tire Inflator, 0-60 PSI Pro Gauge
JOE32492	Billet Quick-Fill Tire Inflator, 0-60 PSI Digital Gauge

Quick-Fill Tire Inflator **NEW!**

JOE32484

Fill tires quickly and accurately. Quick-fill valve assembly is fitted with a large 2-1/2" diameter gauge that features a glow-in-the-dark dial face and 0-60 PSI range. Inflator has an angle chuck installed and also includes a ball-style chuck.



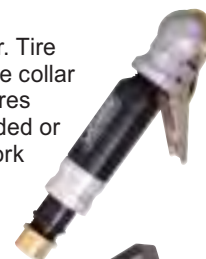
Digital Quick-Fill Tire Inflator JOE32488

Fill tires quickly with digital accuracy to 1%. Quick-fill assembly is fitted with a digital 0-60 PSI pressure gauge that includes large, back-lit numbers. Assembly is fitted with an angle chuck and also includes a ball-style chuck.



Tire Purge Tool JOE32125

The days of waiting for air to drain are over. Tire purge tool clips on the valve stem and a slide collar opens up for fast air dumping to purge the tires automatically to the desired pressure, attended or unattended, allowing the tire specialist to work on more than one tire at a time. An adjustable bleed valve allows draining tires to the desired pressure.



Digital Tire Durometer JOE56015

Premium durometer automatically records the highest number, while an average mode displays average hardness if several spots are tested. Easy-to-read digital display. Sold complete in foam-lined case.



Deluxe Racing Pyrometer JOE54005

Pyrometer combines large, 1-1/2" tall numbers and backlighting for easy reading, even at night. The compact, 90° probe offers easy access. A padded case is included.



Tire Tape Measure/Six-Pack **NEW!** JOE32151

Tape measure is 1/4" wide x 10' long. Ideal for measuring stagger, toe-in, etc. Pack of six.



8° Caster/Camber Gauge

Redesigned Caster/Camber gauge features an expanded 8° range to meet the needs of modern camber settings. CNC-machined from billet aluminum and engineered for extreme accuracy. Gauge may be purchased separately, or complete with magnetic adapter that attaches to hub.

Part No.	Description
JOE28209	8° Caster Camber Gauge
JOE28210	8° Caster Camber Gauge with Magnetic Adapter



Precision Digital Billet Bump Steer Gauge

JOE28295

Rigid billet bump steer gauge is engineered to offer accurate, consistent results. Digital indicator does the math and zeros quickly. Billet aluminum hub plate features precision laser etching for accurate measurements, and works with most hubs including 5x5, wide 5, 5x4.5, and snap cap. Breaks down for easy storage.



10" Wheel Stands

JOE29600

Aluminum 10" wheel stands allow suspension adjustments while the car rests on the wheels. Sold in sets of four.



Coil-Over Spanner Wrenches

Billet aluminum wrenches prevent knuckle injuries when adjusting coil-overs.

Part No.	Description
JOE33000	Long
JOE33500	Short



Bump Stop Shim Kit

Designed for shocks with 1/2", 14mm, or 5/8" shafts, kit uses a special tool and shims for quick installation of bump stop shims. A quick push and the shim snaps into place. Each kit includes case, bump stop wrench, and (4) each: 1/16", 1/8", 1/4", and 3/8" shims.

Part No.	Description
JOE19496	Bump Stop Shim Kit, 1/2" and 14mm Shaft



Shock Workstation

Fixture secures body and shaft of a shock absorber to allow easier servicing. May be used in a vise or mounted permanently to a work bench or pit cart with the optional base.

Part No.	Description
JOE19200	Shock Workstation
JOE19250	Shock Workstation Base Only
JOE19075	ShockWrench, Allows Penske Shock Disassembly/Assembly
JOE19300	Drip Cup, Catches Shock Oil When Rebuilding



Quick-Release Canister Mount

Canister mount has a quick-release nylon strap to secure any remote canister from 1-1/2" to 3" dia.

Part No.	Description
JOE19410	Clamps to 1-1/4" Tubing
JOE19412	Clamps to 1-1/2" Tubing
JOE19414	Clamps to 1-3/4" Tubing
JOE19430	Canister Panel Mount
JOE19445	Replacement Strap
JOE19450	Replacement Pin



Portable Nitrogen Tank **NEW!** JOE32351

High-pressure portable nitrogen tank allows filling multiple tires without the worry of having to refill the tank. Tank measures 18" x 5" diameter, holds 1,800 PSI and may be refilled using the included transfer hose. Regulator may be adjusted from 0-150 PSI and includes a hose and safety coupler, allowing attachment of an air chuck or air tools.



Related Components

Part No.	Description
JOE32352	Nitrogen Tank Handle, Eases Carrying
JOE32352-H	48" Stainless Transfer Hose, Required for Filling Tank

NOTE: Portable tank may be refilled from a larger tank with less than 1,800 PSI.

DryAir JOE32120

The most effective control for humidity at the shop or at the track. DryAir may be used with compressed air or compressed nitrogen and includes a special desiccant formula that has the drying capacity of 2-1/2 times its weight. Very effective in high-humidity or low-temperature conditions.



Related Components

Part No.	Description
JOE32121	Re-Charge Kit for JOE32120 NEW!

Ball Joint Sockets

Eases ball joint installation. Machined-steel, zinc-plated sockets accept a 1/2" drive ratchet or breaker bar.

Part No.	Description
JOE40050	Upper Ball Joint Socket
JOE40075	Lower Ball Joint Socket



JOE40050

Spindle Nut Socket JOE40000

Billet aluminum socket is gray anodized and fits 5x5 or wide 5 nuts. Fits a 1/2" drive ratchet.





Double End Wrench Sets

Precision machined from 6061-T6 aluminum, AN wrenches allow turning hard-to-reach fittings in 15° increments. Brightly anodized and color-coded for easy identification.



Part No.	Description
JOE18000	5-Pc. Wrench Set, Includes -6, -8, -10, -12, and -16
JOE18001	8-Pc. Wrench Set, Includes -3, -4, -6, -8, -10, -12, -16, and -20

Tool Box Labels JOE17500

Stick-on labels help organize tool box, saving time when locating tools.



Water Outlet Fittings

Billet aluminum water outlets include O-rings for sealing. Choose from standard or ported water outlets, complete with (2) 3/8" NPT ports for additional water lines. Fits Chevy V-8's.

Part No.	Description
JOE36000	-16 Water Outlet, Includes (2) 3/8" NPT Ports
JOE36050	-16 Water Outlet
JOE36060	-20 Water Outlet



ThermoSpacer

Aluminum spacer allows plumbing additional lines for improved cooling. Uses an O-ring for sealing, and has three 1/2" NPT ports and one temperature sending unit port. Fits Chevy V-8's.



Part No.	Description
JOE36025	Thermospacer
JOE42730	Aluminum Water Temperature Plug, 1/2" NPT Male with 1/8" NPT Female Port NEW!

Cap and Weld Bung Assembly JOE37402

Easy to grip with an O-ring seal, assembly is made from 6061-T6 aluminum and provides a 2" opening. Suitable for oil, water, or fuel tanks. Welding required.



Clamp-On Radiator Brackets

Brackets locate radiator side-to-side and the top clamp unbolts for quick radiator removal. Includes provision for air box attachment. No welding necessary.

Part No.	Description
JOE36501	1-1/4" Clamp-On Brackets
JOE36502	1-1/2" Clamp-On Brackets
JOE36504	1-3/4" Clamp-On Brackets
JOE36509	Replacement Radiator Core Retainer



Radiator Overflow Fittings

JOE34376

Special fittings are designed to fit in a body panel outside the driver's compartment, and signal the driver in the event of overheating when the cooling system expels water.

Part No.	Description
JOE34375	Radiator Overflow Fitting, -4AN
JOE34376	Radiator Overflow Fitting, Barbed



Dry Sump Breather Tank JOE12402

Fully fabricated aluminum tank acts as a vent for dry sump and the compact 3" x 3" x 6-1/2" size allows easy mounting. Tank incorporates a 3/4" NPT fitting for a vent line and a drain valve. May be mounted directly to 1-1/2" diameter tubing.



Oil Pressure Fitting JOE42799

1/8" NPT x -3AN fitting is extended 2-1/4" to provide easier access when connecting line to an oil pressure gauge.



Weld Fittings/Bungs

Ideal for welding to valve covers, dry sump tanks, breather tanks, etc. Sold individually.



Part No.	Description	Description	Male AN Part No.	Female AN Part No.
Aluminum Female NPT Weld Bungs		Aluminum AN Weld Fittings		
JOE37102	1/8" NPT	-4AN	JOE37004	—
JOE37104	1/4" NPT	-6AN	JOE37006	—
JOE37106	3/8" NPT	-8AN	JOE37008	JOE37308
JOE37108	1/2" NPT	-10AN	JOE37010	JOE37310
JOE37110	3/4" NPT	-12AN	JOE37012	JOE37312
JOE37112	1" NPT	-16AN	JOE37016	—
JOE37114	1-1/4" NPT	-20AN	JOE37020	—

Valve Cover Tube **NEW!** JOE12510

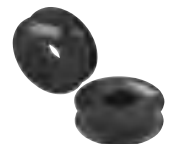
Aluminum tube includes two baffles to prevent oil from splashing into the breather.



Engine Mount Spacers

Lightweight billet aluminum spacers eliminate the need to use stacks of heavy steel washers. Sold in pairs.

Part No.	Description
JOE10966	1/2" Thick Spacers
JOE10968	1" Thick Spacers
JOE10978	2" Thick Spacers



Valve Cover Fasteners

Remove and replace valve covers quickly. The spring ball on an extension holds them while they are installed on each stud. Offered in 4- or 8-packs with 1/4"-20 (coarse) or 1/4"-28 (fine) threads.

Part No.	Description
JOE34350	1/4"-20, 4-Pack
JOE34352	1/4"-28, 4-Pack
JOE34349	1/4"-20, 8-Pack



Throttle Pedal Assembly

Pedal assembly offers comfort and adjustability with a linkage block that acts as an adjustable side foot rest. Includes return spring and two adjustable stops, one for full throttle and one for return. Throttle pull-back may be purchased separately.

Part No.	Description
JOE33600	Throttle Pedal Assembly
JOE33620	Throttle Pull Back Only
JOE33700	Throttle Cross Shaft Bell Crank Assembly
JOE33720	Throttle Pedal, Bell Crank and Linkage Assembly



Billet Threaded Heel Stop

NEW! JOE25837

Threaded, 4" wide x 1-1/4" high x 2-3/8" deep heel stop mounts easily to the floor pan with four rivets and allows fine tuning throttle or brake pedal position for maximum comfort and grip. Threaded end has 3/8"-24 threads.



Air Cleaner Stud Kit JOE34306

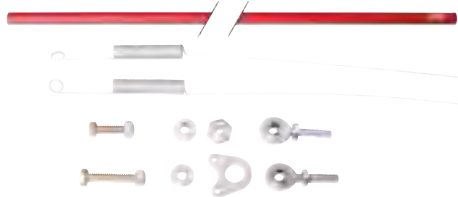
Stainless steel 5/16"-18 stud will not break like mild steel units. Tapered nut improves air flow to the carb, while the air cleaner nut includes an O-ring for sealing out dirt and contaminants.



Carburetor Linkage Assembly

JOE34200

23" long assembly includes a heat-treated aluminum tube, rod ends, bolts, springs, and carburetor.



Fuel Cup JOE34500

Ideal for jet changes or carburetor service, fuel cup catches fuel during float bowl removal so it can drain back into float bowl through vent tube.



Fuel Filler

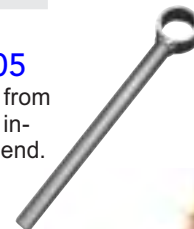
Machined from billet 6061-T6 aluminum, fuel filler includes a gasketed, thread-in cap and strong filler neck for safer, easier refueling. Choose from three different designs.

Part No.	Description
JOE13200	Star Pattern
JOE13201	Skull and Bones
JOE13202	Five Pocket



Sway Bar Mount JOE11905

Zinc-plated mount is manufactured from 7/8"-9 threaded x 10" long stock and includes a 2-1/8" eyelet welded on the end. Includes (2) jam nuts.



Sway Bar Bushings

Premium bearing quality bushings prevent binding.

Part No.	Description
JOE11915	1-1/4" I.D. x 2-1/8" O.D.
JOE11920	1-1/2" I.D. x 2-1/8" O.D.
JOE11925	1-3/4" I.D. x 2-1/8" O.D.



Swivel Eye and Threaded Stem

Special swivel eye unbolts, allowing quick sway bar changes while also preventing binding.

Part No.	Description
JOE11970	Swivel Eye, 1-1/2" I.D.
JOE11975	Swivel Eye, 2-1/8" I.D.
JOE11980	1-1/2" Swivel Eye Only
JOE11985	2-1/8" Swivel Eye Only
JOE11990	Shaft Only, 7/8"-9



Sway Bar Adjuster

Bolt the sway bar slider mount-style adjuster on both sides for perfect alignment of big or standard sway bars. Swivel eye allows dropping the bar out the bottom for quick set-up changes.

Part No.	Description
JOE11950	Sway Bar Slider Mount Adjuster, 1-1/2" Dia.
JOE11955	Sway Bar Slider Mount Adjuster, 2-1/8" Dia.



A-Arms

Precision machined A-arms have aluminum cross-shafts and are available with choice of 10° screw-in ball joint sleeve or 0° bolt-in ball joint provision. Part numbers ending with "SL" signify slotted cross-shafts to accept A-arm slugs; part numbers ending with "SLB" signify A-arms with slotted bearing-style cross-shafts, while part numbers with "SLBA" stands for an A-arm with bearing-style arm section only, less cross-shaft. See following page for A-arm slugs.



Size	Screw-In Ball Joint 10° Assembly	Screw-In SL Ball Joint 10° Assembly	Screw-In SLB Ball Joint 10° Assembly	Screw-In SLBA Ball Joint 10° Assembly	Bolt-In Ball Joint 0° Assembly
7.0"	JOE15480	—	—	—	—
7.5"	JOE15490	—	—	—	—
7.75"	JOE15495	—	JOE15495-SLB	—	—
8.0"	JOE15500	JOE15500-SL	JOE15500-SLB	—	JOE15830
8.25"	JOE15505	—	JOE15505-SLB	JOE15505-SLBA	—
8.5"	JOE15510	JOE15510-SL	JOE15510-SLB	JOE15510-SLBA	JOE15840
8.75"	JOE15515	—	JOE15515-SLB	—	JOE15845
9.0"	JOE15520	JOE15520-SL	JOE15520-SLB	JOE15520-SLBA	JOE15850
9.25"	JOE15525	JOE15525-SL	JOE15525-SLB	—	—

Size	Screw-In Ball Joint 10° Assembly	Screw-In SL Ball Joint 10° Assembly	Screw-In SLB Ball Joint 10° Assembly	Screw-In SLBA Ball Joint 10° Assembly	Bolt-In Ball Joint 0° Assembly
9.5"	JOE15530	JOE15530-SL	JOE15530-SLB	JOE15530-SLBA	JOE15860
9.75"	—	—	—	—	JOE15865
10.0"	JOE15540	JOE15540-SL	JOE15540-SLB	JOE15540-SLBA	JOE15870
10.25"	JOE15545	—	—	JOE15545-SLBA	—
10.5"	JOE15550	JOE15550-SL	JOE15550-SLB	JOE15550-SLBA	JOE15880
11.0"	JOE15560	JOE15560-SL	JOE15560-SLB	JOE15560-SLBA	JOE15890
11.25"	JOE15565	—	JOE15565-SLB	JOE15565-SLBA	JOE15895
11.5"	—	—	JOE15570-SLB	—	—
12.0"	—	JOE15580-SL	JOE15580-SLB	—	—



A-Arm Spacers

One-piece design A-arm spacers allow changing camber without having to remove A-arm bolts.



JOE14050

Part No.	Description
JOE14019	A-Arm Spacer, 6" Centers, 1/16" Thick
JOE14020	A-Arm Spacer, 6" Centers, 1/8" Thick
JOE14022	A-Arm Spacer, 6" Centers, 1/4" Thick
JOE14050	A-Arm Spacer Kit, Includes (1) Each of 1/16", 1/8", 3/16", 1/4" and 1/2" Thick Spacers

Metric A-Arm **NEW!** JOE15072

Tubular steel 8" GM Metric style A-arm includes 6-7/8" spacing between holes, has 1-1/4" offset, and accepts a Moog K5208 bolt-in style ball joint. Includes bushings.



A-Arm Slugs

Designed for use with Joes A-arms, slugs are machined from billet aluminum, black anodized, and laser engraved for identification.

JOE15045

Part No.	Description	Part No.	Description
JOE15041	A-Arm Slug, 0"	JOE15047	A-Arm Slug, 3/8"
JOE15043	A-Arm Slug, 1/8"	JOE15048	A-Arm Slug, 7/16"
JOE15044	A-Arm Slug, 3/16"	JOE15049	A-Arm Slug, 1/2"
JOE15045	A-Arm Slug, 1/4"	JOE15050	A-Arm Slug Kit, 0-1/2"
JOE15046	A-Arm Slug, 5/16"	JOE15051	A-Arm Slug, Slotted



A-Arm Tube **NEW!** JOE15023

Required when building custom A-arms, 12" long tube may be trimmed as required.



Bearing-Style Cross-Shaft Assemblies

Cross shafts incorporate roller bearings rather than bushings for smooth, friction-free control arm movement.



JOE15026

Part No.	Description
JOE15026	Bearing-Style Aluminum Cross-Shaft Assembly
JOE15027	Bearing-Style Steel Cross-Shaft Assembly
JOE15028	Tube Adapter for Bearing A-Arms
JOE15039	Bushing-Style Aluminum Slotted Shaft Assembly

Steel Cross-Shaft Assemblies

Ideal for replacement purposes or when fabricating custom A-arms.



JOE15040

Part No.	Description
JOE15035	A-Arm Cross-Shaft Assembly, 6" Center-to-Center Hole Spacing
JOE15040	A-Arm Cross-Shaft Assembly, Slotted Holes

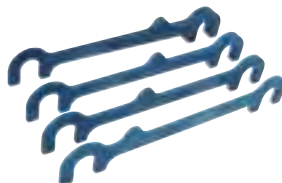
Nut Plate JOE14900

Nut plate has 6" spacing and secures A-arms so that changing shims, slugs, or A-arms needs only a single wrench.



Tapered A-Arm Spacer Kit JOE14250

Use 6" slotted aluminum center spacers to easily change caster and camber without removing the A-arm. Four-piece kit includes spacers with 1/32", 1/16", 1/8", and 1/4" thicknesses.



Camaro Style A-Arms

Fully fabricated, direct replacement upper A-arms are manufactured from .095" DOM tubing. A-arms accept standard screw-in ball joints.



Part No.	Description
JOE15060	8-1/2" Camaro A-Arm
JOE15066	9" Camaro A-Arm
JOE15070	9-1/2" Camaro A-Arm

Screw-In Ball Joint Sleeve JOE15025

Often required when fabricating custom A-arms, sleeve accepts Chrysler-style screw-in ball joints.



A-Arm Fixture JOE15950

Specialized fixture aids in the fabrication of custom A-arms. Fixture is adjustable from 6-1/2" to 13" and provides up to 2" offset. Includes adapters to make most A-arms.



Complete 5 x 5 Hub Kits **NEW!**

Machined from durable billet 6061-T6 aluminum, 5 x 5 hub kits are now offered in black and include several improvements. Rotor flange is drilled for 8-bolt rotors, and is slotted to reduce weight and heat transfer. Dust cover includes machined indicators to ease tire changes. Each kit includes hub, dust (front) or drive flange (rear) cap with indicators, steel drive flange (rear only), spindle nut, inner and outer bearings, and seal.



Part No.	Description
JOE25315-BF	Front 5 x 5 Hub Kit NEW!
JOE25315-BR	Rear 5 x 5 Hub Kit NEW!

Steel Drive Flange JOE25045

Heavy-duty steel drive flange features 5 x 5 bolt pattern.



Wide 5 Hub Components

Joes Racing offers a variety of components for popular wide 5 hubs.

Part No.	Description
JOE25319	Drive Flange Stud Kit, 5-Pack
JOE25320	Dust Cover Bolts, Aluminum, 5-Pack
JOE25322	Front Dust Cover, 5-Bolt
JOE25342	Drive Flange
JOE25343	Billet Drive Flange Cover



JOE25319

Billet Hub Rotor Flange JOE25361

Machined from 6061-T6 aluminum, hub rotor flange allows rotor to bolt on directly, or to be installed with T-nuts to float the rotor.



Part No.	Description
JOE25155	T-Nuts for Rotor Flange, 8-Pack

Wheel Spacers

Machined from 6061-T6 aluminum, wheel spacers are engineered to increase track width or tire clearance.

Part No.	Description
JOE38120	1/8" Thick Wheel Spacer, 5 x 5"/4.75"/4.5"
JOE38125	1/8" Thick Wheel Spacer, Wide 5
JOE38121	1/4" Thick Wheel Spacer, 5 x 5"/4.75"/4.5"
JOE38250	1/4" Thick Wheel Spacer, Wide 5



Spindle Nut Assembly JOE25120

Spindle nut has multiple lock down points, and features a slotted retainer to align the spindle tab with any torque setting.



5 x 5 Dust Cap **NEW!** JOE25026

Billet 6061-T6 aluminum front dust cap has machined indicators that help locate the holes in the wheel with the studs, enabling quicker tire changes. Cap is threaded 1/4"-20, which allows attaching Joes steel disc for eased caster and camber adjustments.



Dust Caps

Sealed with O-rings, billet aluminum dust caps require drilling and tapping two 8-32 holes in hub.

Description	Dust Cap Part No.	Drill and Tap Guide Part No.
Chevy	JOE28600	JOE28601
Ford	JOE28610	—



Third Link Mount JOE12150

Billet 6061-T6 aluminum mount helps secure the third link, and features three positioning holes to ease chassis adjustments.



Spring Pre-Loader

Typically used on the right rear, assembly allows pre-loading of a soft spring to maintain a high static load, providing quicker corner entry and improved traction when exiting the corner.

Part No.	Description
JOE19500	3" Spring Pre-Loader
JOE19501	Pre-Load Travel Indicator
JOE19505	5" Spring Pre-Loader



Quick-Change Gear Cover Nuts

One-piece, 3/8"-16 quick-change gear cover nuts are made from rigid 7075 billet aluminum and are cross-drilled to reduce weight and allow safety wiring, if desired. Sold in 2- or 10-packs.



Part No.	Description
JOE34358	Quick Change Gear Cover Nuts, 10-Pack
JOE34359	Quick Change Gear Cover Nuts, 2-Pack

Vent Clamp JOE12204-G

Ideal for venting transmissions or rear ends, vent clamps mount directly to 1-3/4" chassis tubing and include a filter to keep out contaminants.



Panhard Mount JOE11100

Panhard mount is CNC-machined from billet aluminum for durability. Mount design allows simply loosening the bolts for Panhard bar adjustment. Designed for use with 1-3/4" diameter bars.



Trailing Arm Mount JOE11402

Trailing arm mount includes an added bottom hole for increased flexibility, allowing close mounting to the tire and wheel. Axle centerline to the shock mount measures 6-5/8" vertically. Steel boss and 1/2" stud provide secure shock retention. Mount clamps to 3" diameter axle tubes.



Wide-Angle Mirror Kits

Kits include wide-angle mirror and billet aluminum brackets that mount directly to roll cage tubing. Kits are available to attach to 1-1/2", 1-3/4", or 2" dia. tubing. Mounting brackets may also be purchased separately.

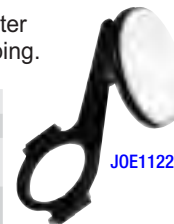


Part No.	Description
JOE11276	14" Mirror Kit, Clamps to 2" Tubing
JOE11282	17" Mirror Kit, Clamps to 1-1/2" Tubing
JOE11284	17" Mirror Kit, Clamps to 1-3/4" Tubing
JOE11264	Mounting Brackets Only, 1-3/4" Dia. x 5" Long, Pair
JOE11292	Extra-Long Mounting Brackets Only, 1-1/2" Dia. x 9" Long, Pair

Side-View Mirrors

Keep an eye on the competition with 3" diameter side-view mirror. Mounts directly to roll cage tubing.

Part No.	Description
JOE11212	Side-View Mirror, 1-1/2" Clamp-On
JOE11214	Side-View Mirror, 1-3/4" Clamp-On
JOE11222	Extended Side-View Mirror, 1-1/2" Clamp-On
JOE11224	Extended Side-View Mirror, 1-3/4" Clamp-On



Shift Boot

Fire-retardant shift boot unsnaps quickly for linkage access. Includes 7-1/2" x 5-1/2" mounting frame. Choose from standard or Carbon-X models.



Part No.	Description
JOE16500-BK	Shift Boot
JOE16550	Carbon-X Shift Boot

Fire Extinguisher Bracket

Rigid, billet aluminum bracket is used to secure fire extinguisher directly to 1-1/2" diameter roll cage tubing. Bracket includes an oversized, red anodized pull pin for quick, easy release.

Part No.	Description
JOE12822	Attaches to 1-1/2" Tubing
JOE12824	Attaches to 1-3/4" Tubing



Billet Brake Balance Adjuster

Compact, billet aluminum adjuster has roller bearings and four ball detents for precise adjustability and resistance to vibration. Short swing handle and spread plate ease mounting. Adjuster may be retrofit with optional flex cable system, which provides a positive feel and may be cut to length.

Part No.	Description
JOE17035	Billet Brake Balance Adjuster
JOE17037	Retrofit Cable NEW!



Shift Levers **NEW!**

Billet 6061-T6 aluminum shift levers are lightweight, yet rigid enough to handle aggressive shifting. Each lever includes a 3/8"-16 stud for shift knob.

Part No.	Description
JOE16998	4" Long Straight Shift Lever
JOE17005	8" Long, 2" Left Offset Shift Lever



Do-It-Yourself Shift Lever Kit **NEW!**

JOE17011

Kit includes a long, bent DOM tube that may be cut or offset as desired. Simply cut the tube to length, bend if desired, weld the included ends, affix the desired shift knob and bolt-on.

Lightweight Shift Knob JOE16022

Polished aluminum knob is made from billet 6061-T6 aluminum and includes 3/8"-16 threads.



2" Bottle Clamp JOE23030

Profiled, lightweight aluminum clamp is 2" dia, and allows quick mounting of CO2 or fire bottles to a flat surface. May also be used in conjunction with Joes Racing tube clamps.



1" Aluminum Clamp JOE10800

Clamp mounts directly to 1" dia. chassis tubing, and can be welded to virtually any aluminum component. Manufactured from billet 6061-T6 aluminum.



Reducer Clamps

Ideal when relocating a radio box, coil clamp, etc. to smaller diameter tubing. Made from lightweight aluminum.

Part No.	Description
JOE13000	1-3/4" to 1-1/4"
JOE13001	1-3/4" to 1-3/8"
JOE13002	1-3/4" to 1-1/2"
JOE13003	1-3/4" to 1-5/8"



Steering Wheel Hook

Similar to helmet hook, but slightly larger. Attaches directly to roll cage.

Part No.	Description
JOE10702-G	1-1/2"
JOE10704-G	1-3/4"



Fender Braces

Braces provide support to fenders and quarter panels, keeping them in place for improved aerodynamics and appearance. Adjustable.

Part No.	Description
JOE12050	Flexible Plastic Fender Brace
JOE12052	Flexible Plastic Dual Fender Brace
JOE12055	Aluminum Fender Brace
JOE12057	Aluminum Dual Fender Brace

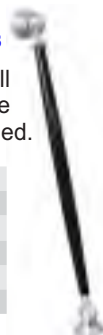


Spoiler Supports

Spoiler supports include a swivel design to allow a full range of mounting for spoilers, front splitters, etc. Made from anodized billet aluminum, supports are laser-etched.

Part No.	Description
JOE12074	4" Support
JOE12075	5" Support
JOE12076	6" Support
JOE12078	8" Support
JOE12079	9" Support
JOE12080	Spoiler Support Back-up Washer, 4 Pcs.

JOE12078



Matador Steering Wheels

Designed for exceptional strength, the lightweight Matador combines a flat, 6061-T6 aluminum center with wide spokes and a 1-1/4" diameter grip that improves steering wheel feel while reducing hand fatigue. Offered with natural or matte black finish.



Description	Natural Finish Part No.	Matte Black Part No.
15" Dia. Steering Wheel	JOE13550-A	JOE13550-B

Lightweight Aluminum Steering Wheels

Aluminum steering wheels, offered in 2-1/2" dish or flat versions, are drilled for lightness and shot peened to enhance grip. Choose from bare, black anodized, or rubber coated.

Size	Bare Part No.	Black Anodized Part No.	Rubber Coated Part No.
2-1/2" Dished Steering Wheels			
13"	JOE13513-A	JOE13513-B	JOE13513-C
14"	JOE13514-A	JOE13514-B	—
15"	JOE13515-A	JOE13515-B	JOE13515-C
17"	JOE13517-A	—	—
Flat Steering Wheels			
13"	—	JOE13450	—
14"	—	JOE13534-B	—
15"	JOE13535-A	JOE13535-B	—



JOE13515-C

Momo Quick Disconnect Adapter Ring JOE13411

Adapter ring allows mating a Joe's standard, 3-bolt steering wheel disconnect to a Momo, Sparco, OMP, Nardi, or Personal steering wheel.



Steering Wheel Disconnect **NEW!** JOE13402

Pinless, spring-loaded billet aluminum disconnect allows quick, easy steering wheel removal. Engineered for use with 5/8" diameter steering columns, disconnect accepts popular, 3-bolt (3 x 1-3/4") pattern steering wheels. Includes splined shaft.





Steering Wheel Spacers

Spacers are used to optimize steering wheel location and increase driver comfort. Made from lightweight billet aluminum.



Part No.	Description
JOE13310	1" Thick Spacer
JOE13315	1-1/2" Thick Spacer
JOE13320	2" Thick Spacer

Steering Column Assembly JOE13726

Aircraft-quality aluminum assembly includes an 1-1/2" I.D. and accepts Woodward collapsible steering column. Unit mounts directly to 1-3/4" diameter tubing and may be adjusted from the driver's compartment.



Part No.	Description
JOE13729	Reducer Bushing, 1-3/4" O.D. to 1-1/2" I.D. NEW!

Window Net Mounting Kit JOE12096

Spring-loaded window net mounting kit utilizes a billet aluminum handle for engagement or release. Red anodized handle is easy to locate. Includes 27" upper and lower rods, and tabs that must be welded to chassis. Fits standard 24" x 18" nets. Purchase net separately.



Weather Resistant Switch Panels

JOE46105

Assembled using high-quality components and rubberized, sealed switches. Panels include high-capacity, 40-amp ignition switches with aircraft-type covers and 40-amp accessory switches with weatherproof boots.



Part No.	Description
JOE46100	Switch Panel, Flip-Up Ignition/Start/Single Accessory
JOE46104	Standard Micro Switch
JOE46105	Switch Panel, Ignition/Start/Single Accessory
JOE46115	Switch Panel, Flip-Up Ignition/Start/Single Pilot Light
JOE46120	Switch Panel, Flip-Up Ignition/Start/Two Accessory
JOE46125	Switch Panel, Ignition/Start/Two Accessory
JOE46135	Switch Panel, (4) Accessory Switches/(4) Pilot Lights

Weather-Resistant Starter Button JOE46101

Suitable to asphalt or dirt racing applications, starter button includes a weather-proof rubber boot to seal out dirt and moisture.



Weather-Resistant Toggle Switch JOE46102

Equally capable as an ignition or accessory switch, 40-amp unit is suitable for dirt or asphalt racing. Weatherproof boot seals out dirt and moisture.



Weather-Resistant Battery Disconnect Switches

Battery disconnect switches are treated with a special rubber sealant to resist dirt and moisture. Heavy-duty switch with four terminals is engineered for cars with an alternator, while switch with two terminals is for cars without an alternator. Each switch includes 3-1/8" x 3-1/8" mounting panel.



JOE46200

Part No.	Description
JOE46200	Battery Disconnect Switch, 2 Terminals
JOE46216	Heavy-Duty Battery Disconnect Switch, 4 Terminals NEW!

Switch Panel Brackets

Easily mount switch panels, battery disconnects, etc. to roll cage tubing with these lightweight brackets. Sold in pairs.



Part No.	Description
JOE46172	Switch Panel Brackets, 1-1/2", Pair
JOE46174	Switch Panel Brackets, 1-3/4", Pair

Radio Box

Secures radio, protecting it from damage and vibration. Constructed from lightweight aluminum, boxes are 5" x 3-3/4" x 2-1/2" and are offered in panel or direct-mount versions.



Part No.	Description
JOE11314	Radio Box, Attaches to 1-3/4" Tubing
JOE11320	Radio Box, Panel Mount

Universal GoPro Mount **NEW!** JOE60200

High-quality aluminum mount may be adjusted to swivel and pivot as desired to achieve the perfect camera shot. Rigid mount helps provide improved camera stability, resulting in cleaner videos.



Drink Holders

Keep a cool drink within easy reach of the driver. Lightweight, gray anodized aluminum drink holders incorporate a clamp that attaches directly to 1-3/4" chassis tubing. Choose from traditional or Super 1/3-gallon model that includes 4' long hose, Velcro, and bite valve.



Part No.	Description
JOE12604-G	Drink Holder
JOE12714-G	Super Drink Holder, Includes 4' Hose, Velcro, and Bite Valve

Hose and Bite Valve Kit JOE12755

Designed for use with virtually any drink bottle, kit includes 4' long hose, Velcro, and bite valve, providing driver direct access to a cool drink.





Lightweight Car Cover JOE27500

Heavy Denier-nylon cover installs quickly, dries quickly, and helps keep the heat out. Zippered openings are placed over windshield, rear window, and driver's window. Cover includes grommets and a compact storage bag.



Jack Stands **NEW!**

Lightweight and rigid aluminum jack stands feature large feet that prevent them from sinking into dirt or asphalt, and built-in urethane pads that grip the lifting points. Stackable stands measure 14" tall x 8" wide with a 17" x 14" footprint, and can hold up to 1,500 lbs. Sold per pair.

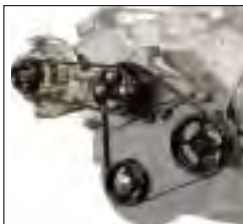


Part No.	Description
JOE55500	Jack Stands, Natural Finish, Pair
JOE55500-B	Jack Stands, Black Finish, Pair



SB Chevy Complete Belt Drive Systems

Drive kits are engineered to provide maximum performance to small block Chevys. Each kit includes aluminum short-style water pump, aluminum power steering pump with built-in tank; lightweight single-wire mini 70-amp max alternator; billet aluminum alternator, crankshaft, power steering and water pump pulleys; billet aluminum alternator and power steering brackets; necessary belts; spare belts; spacers; and mounting hardware.



Part No.	Description
JRP1441-AR-CE	Complete Belt Drive System, V-Belt Alternator Drive, 6200 RPM Max.
JRP1441-AR-75	Complete Belt Drive System, V-Belt Alternator Drive, 7500 RPM Max.
JRP2441-AR-CE*	Complete Belt Drive System, HTD Alternator Drive, 6200 RPM Max.

* Includes cartridge style water pump.

Serpentine Drive System JRP1004-S-CE

Billet aluminum serpentine drive system for small block Chevy with short water pump includes crankshaft, water pump, and power steering pulleys; power steering bracket; belt; and hardware. Power steering pump not included. Kit components may also be purchased separately.



Part No.	Description
JRP2041-RA	Add-On Alternator Kit, Includes 45-Amp 1-Wire Alternator, Radius Tooth Drive and Driven Pulleys, Mounting Bracket and Hardware

JRP2041-RA

SB Chevy Aluminum Water Pump **NEW!** JRPWP-9104-SBC-AL

Aluminum, short-style water pump fits all small block Chevy.



Serpentine Drive System, SB Chevy Crate Engine Crankshaft to Water Pump and Power Steering

Drive system is specially engineered for small block Chevys (short water pump) that run approximately 6500 RPM. Each kit includes durable billet aluminum crankshaft, water pump and power steering pulleys; power steering pump (with integral or remote reservoir) and bracket; aluminum water pump; belt and hardware. Choose from kits with integral or remote power steering pump reservoir. Components may also be purchased separately.



Part No.	Description
JRP1004-AL-CE*	SB Chevy Crate Engine Kit, Remote P/S Pump Reservoir NEW!
JRP1004-AR-CE	SB Chevy Crate Engine Kit, Integral P/S Pump Reservoir

* Remote reservoir not included.

Serpentine Drive System, Crankshaft to Water Pump

Rigid and reliable, serpentine drive systems are offered for small block Chevys with short water pump, or small block Ford. Sold complete with billet aluminum crankshaft and water pump pulleys, belt, and hardware.



Part No.	Description
JRP1020-S	SB Chevy/SWP Serpentine Drive System
JRP1020-PS	Add-On Power Steering Kit for JRP1020-S NEW!
JRP1026-S	SB Ford Serpentine Drive System
JRP1035-S-CE	SB Chevy Crate Engine Serpentine Drive System
JRP1035-S	SB Chevy Crate Engine Serpentine Drive System, Has Provision on W/P Pulley to Drive Alternator or P/S Pump
JRP1035-S-TP	SB Chevy Crate Engine Serpentine Drive System, with Tandem Pumps
JRP1035-S-1/2	SB Chevy Crate Engine Serpentine Drive System, Use with EDE8827 or STE50005 Cartridge-Style Water Pumps

Serpentine Belts

Choose from 5- or 6-groove serpentine belts.

Length	5-Groove Part No.	6-Groove Part No.
27.165"	JRP5PK-690HD	—
27.362"	JRP5PK-695HD	JRP6PK-695HD
27.480"	JRP5PK-698HD	—
33.465"	JRP5PK-850HD	—
35.039"	JRP5PK-890HD	—
36.024"	JRP5PK-915HD	—
37.008"	JRP5PK-940HD	—





SB Chevy Radius-Tooth Water Pump Drive Systems

Radius-tooth water pump drive system, designed for popular small block Chevy applications, is offered with 11% water pump speed reduction, or as an application specific kit for GM "604" crate engines. Each kit is complete with drive mandrel/hub, crank pulley, belt guides, water pulley, radius tooth drive belt, and all required hardware.



Part No.	Description
JRP2010-RA-11	SB Chevy Drive System, 11% Water Pump Speed Reduction
JRP2010-RA-604	SB Chevy Drive System, GM "604" Crate Engine NEW!

HTD Alternator Drive System, SB Chevy/SWP JRP2041-RA

Kit for small block Chevy with short water pump includes a lightweight, single-wire alternator that produces 45 amps @ 3,000 RPM, a shut-off switch, aluminum radius tooth HTD pulleys, drive belt, billet aluminum mounting brackets, and hardware. Belt, crankshaft pulley, and water pump pulley not included.



Single-Wire Alternators

Aluminum single-wire alternators, offered in 80- and 140-amp versions, weigh just 11 lbs. An internal fan provides cooling.

Part No.	Description
JRPAL-9101-E-NS	80-Amp Alternator
JRPAL-9101-D-NS	140-Amp Alternator



Hustler Fans

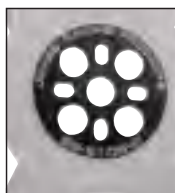
A true racing fan specially engineered for high-RPM racing engines. Three-blade aluminum fan is exceptionally lightweight, weighing just over 1 lb., yet provides extreme air movement through the radiator for effective cooling, while maintaining an absolute minimum moment-of-inertia.

Part No.	Description
JRPWP-9104-15-H3	15" Diameter Fan
JRPWP-9104-17-H3	17" Diameter Fan
JRPWP-9104-19-H3	19" Diameter Fan



Aluminum Fan Washer JRPBG-9108-E

Special 4" O.D. aluminum washer is used when fastening plastic fans to fan spacers. Spacer installs between bolts and fan, providing even distribution of bolts while preventing fan distortion.



Fan Spacer **NEW!** JRPWP-9104-FS2

Billet aluminum spacer is 2" thick.



Aluminum Power Steering Pumps

Jones' offers two power steering pump/reservoir combos with choice of integral 16-oz. plastic or 18-oz. fabricated aluminum reservoir with heavy-duty billet mounting brackets. Pump may also be purchased separately.



Part No.	Description
JRPPS-9008-AL-AR	Power Steering Pump with Fabricated Aluminum Tank
JRPPS-9008-AL-R	Power Steering Pump with Plastic Tank
Power Steering Pump Accessories	
JRPPS-3106-B-6.000	V-Belt P/S Pulley, 6.0" Dia., Press-Fit
JRPPS-5106-B-5.000	Serpentine P/S Pulley, 6-Groove, 5.0" Dia., Press Fit
JRPPS-5106-B-6.000	Serpentine P/S Pulley, 6-Groove, 6.0" Dia., Press Fit
JRPPS-6106-B-40	HTD P/S Pulley, 40-Tooth, 1" Wide, Press Fit
JRPPS-8101-B	Aluminum Power Steering Tank, Remote for Flat Surface
JRPPS-8001-SB-R	SB Chevy P/S Mounting Kit, LH, Accepts JRPPS-9008-AL-AR Pump
JRPPS-9008-AL	Power Steering Pump Only
JRPPS-9008-AR3	Lightweight Aluminum P/S Reservoir, Includes Aux. Bung and Billet Cap
JRPPS-9008-O	O-Ring for Attached P/S Reservoirs
JRPPSR-9008-MK	Power Steering Tank Mounting Kit, Includes Brackets NEW!

Synthetic Power Steering Fluid JRPPS-8009-32S

Fully synthetic power steering fluid features a clear formula to ease viewing of impurities throughout the life of the fluid. Offered in 32-oz. bottle.



Radius Tooth HTD Pulleys

HTD pulleys are manufactured from aircraft quality billet aluminum.



Part No.	Description
JRPCS-6102-AS-25	Crankshaft Pulley, 25-Tooth HTD, .830" Wide, 1-1/8" I.D. with 1/8" Keyway NEW!
JRPCS-6102-AS-34	Crankshaft Pulley, 34-Tooth HTD, .830" Wide, 1-1/8" I.D. with 1/8" Keyway NEW!
JRPCS-6102-B-20	Crankshaft Pulley, 20-Tooth HTD, 1" Wide, 1" I.D., 1/8" Keyway
JRPCS-6102-WC-22	Crankshaft Pulley, 22-Tooth HTD, .830" Wide, Dual 3/16" Dowel Pins NEW!
JRPAL-6105-18-B	Alternator Pulley, 18-Tooth HTD, .669" (17mm) I.D., 1" Wide
JRPOP-6103-38-1-1/4	Oil Pump Pulley, 38-Tooth HTD, 5/8" I.D., 1-1/4" Wide, 3/16" Keyway, 5 Set Screws
JRPOP-6103-28-11/4	Oil Pump Pulley, 28-Tooth HTD, 5/8" I.D., 1-1/4" Wide, 3/16" Keyway, 5 Set Screws NEW!
JRPOP-6103-32-11/4	Oil Pump Pulley, 32-Tooth HTD, 5/8" I.D., 1-1/4" Wide, 3/16" Keyway, 5 Set Screws NEW!
JRPOP6103-34-11/4	Oil Pump Pulley, 34-Tooth HTD, 5/8" I.D., 1-1/4" Wide, 3/16" Keyway, 5 Set Screws NEW!
JRPWP-6104-35A	Water Pump Pulley, 35-Tooth HTD, Teeth from 0-1.9" Deep NEW!
JRPWP-6104-36S	Water Pump Pulley, 36-Tooth HTD, Teeth from .150"-2.05" Deep NEW!
JRPWP-6104-MK	Water Pump Pulley Mounting Kit, Includes Bolts and Bushings NEW!
JRPWP-6104-37A	Water Pump Pulley, 37-Tooth HTD, 0-1.9" Deep
JRPAL-6105-22-B	Alternator Pulley, 20-Tooth HTD, 1" Wide, Use JRPBG-9108-E Belt Guide
JRPWP-9104-32R*	Alternator Drive Pulley, 32-Tooth HTD, .560" Wide, Bolt-On NEW!!
JRPAL-9105-24-B	Alternator Pulley, 24-Tooth HTD, .669" (17mm) I.D., 1/2" Wide NEW!



JRPBG-6108-C



Belt Guides

Part No.	Description
Crankshaft Pulley	
JRPBG-6108-C	1-1/16" Wide, 3.500" O.D. x 1.125" I.D., Fits 26-35 Radius Tooth or 23-28 Square Tooth
JRPBG-6108-F	1-1/16" Wide, 2.500" O.D. x 1.125" I.D., Fits 17-22 Radius Tooth or 12-20 Square Tooth
Oil Pump, Fuel Pump & Vacuum Pump, Bolt-On	
JRPBG-6108-33S	Fits 33-Tooth, Radius Tooth Pulleys
JRPBG-6108-36S	Fits 36-Tooth, Radius Tooth Pulleys
JRPBG-6108-38S	Fits 38-Tooth, Radius Tooth Pulleys
JRPBG-6108-40S	Fits 40-Tooth, Radius Tooth Pulleys
JRPBG-6108-44S	Fits 44-Tooth, Radius Tooth Pulleys

Crankshaft Serpentine Pulleys

Constructed from precision machined, aircraft-quality billet aluminum, pulleys have a corrosion-resistant black anodized finish.

Part No.	Description
JRPCS-5102-WC-H	4.25" Dia., 6-Groove, 1" Wide, 1" I.D., Dual 3/16" Dowel Pins
JRPCS-5102-D	3.25" Dia., 6-Groove, 1" Wide, 1-1/8" I.D., 1/8" Keyway NEW!
JRPDH-5102-G	4.0" Dia., Direct Bolt-On, 3-Bolt SB Chevy, 6-Groove, Stand-Alone W/P Drive

Crankshaft V-Belt Pulleys

Part No.	Description
JRPCS-3102-C-B-5	SB Chevy 5" Diameter, 1" I.D.
JRPCS-3102-D-A-4	SB Chevy 4" Diameter, 1-1/8" I.D.

Dirt Mod Crank Pulley Dirt Shield

Specifically designed for dirt modified applications, billet aluminum shield installs on any Jones Racing small block Chevy crankshaft pulley, protecting the belt and pulley from mud build-up.

Drive Mandrel Pulley Spacer

Spacer is .625" thick and has an 1-1/8" O.D.

SB Chevy Drive Hub Through-Bolts

Designed for small block Chevy, through-bolts have 7/16"-20 (SAE fine) threads.

Part No.	Description
JRPBEC-2109-C	5.0" Long
JRPBEC-2109-D	5.5" Long NEW!
JRPBEC-2109-E	6.0" Long NEW!

Drive Hub Bolt Kit **NEW!**

Includes (3) 3/8"-24 x 3" long flat head bolts.



SB Chevy Billet Aluminum Drive Hub **NEW!**

JRPDH-8101-NE-B-2.4

Drive hub base registers in small block Chevy balancer and includes a built-in nut to turn over the engine. Hub requires JRP-BEC-2109-D through bolt.



Dual Dowel Pin Pulley Spacer **NEW!**

JRPSP-6103-WC-C-1/2

Billet aluminum spacer is .500" thick.



HTD Belts

Heavy-duty, radius-tooth HTD belts feature popular 8mm pitch and are offered in 10mm, 20mm, and 30mm widths.



Length	10mm Part No.	20mm Part No.	30mm Part No.
18.898"	—	JRP480-20HD	—
21.102"	JRP536-10HD	—	—
22.047"	JRP560-10HD	JRP560-20HD	—
22.677"	—	JRP576-20HD	—
23.307"	—	JRP592-20HD	—
23.622"	JRP600-10HD	JRP600-20HD	JRP600-30HD
23.937"	JRP608-10HD	JRP608-20HD	—
24.567"	JRP624-10HD	JRP624-20HD	JRP624-30HD
24.882"	JRP632-10HD	JRP632-20HD	JRP632-30HD
25.197"	JRP640-10HD	JRP640-20HD	JRP640-30HD
25.827"	JRP656-10HD	JRP656-20HD	—
26.457"	JRP672-10HD	JRP672-20HD	—
26.772"	JRP680-10HD	JRP680-20HD	JRP680-30HD
27.402"	JRP696-10HD	JRP696-20HD	—
28.346"	JRP720-10HD	JRP720-20HD	—
28.976"	—	JRP736-20HD	—
29.921"	JRP760-10HD	JRP760-20HD	—
30.551"	JRP776-10HD	JRP776-20HD	—
30.866"	—	JRP784-20HD	—
31.496"	JRP800-10HD	JRP800-20HD	—
32.441"	JRP824-10HD	JRP824-20HD	—
33.071"	—	JRP840-20HD	—
33.701"	JRP856-10HD	—	—
34.646"	JRP880-10HD	JRP880-20HD	—
35.276"	—	JRP896-20HD	—
35.906"	—	JRP912-20HD	—

Gilmer Belts

Gilmer-style (cog) belts are used to drive dry sump oil pumps and other engine accessories.

Part No.	Description
JRP233-L-100	1" Wide, 23.25" Long
JRP236-L-100	1" Wide, 23.625" Long
JRP248-L-100	1" Wide, 24.75" Long
JRP285-L-050	1" Wide, 28.50" Long



MICHAEL ARCHER

JOHNNY B IMAGERY



Triumph 2 Driving Suit

Versatile, single-layer Triumph 2 driving suit is great for a variety of racing classes including dirt, oval, and road racing. Suit meets stringent SFI 3.2A/1 specifications, and features shoulder gussets and flexible elastic waist to allow a full range of motion. Offered in one- or two-piece versions in black/white only.

Size	Part No.
One-Piece Driving Suits	
7 X-Small	K1R20-TR2-NW-7XS
6 X-Small	K1R20-TR2-NW-6XS
5 X-Small	K1R20-TR2-NW-5XS
4 X-Small	K1R20-TR2-NW-4XS
3 X-Small R	K1R20-TR2-NW-3XS
2 X-Small	K1R20-TR2-NW-2XS
X-Small	K1R20-TR2-NW-XS
Small	K1R20-TR2-NW-S
Medium	K1R20-TR2-NW-M
Medium/Large	K1R20-TR2-NW-ML
Large	K1R20-TR2-NW-L
Large/X-Large	K1R20-TR2-NW-LXL
X-Large	K1R20-TR2-NW-XL
2 X-Large	K1R20-TR2-NW-2XL
3 X-Large	K1R20-TR2-NW-3XL



Size	Jacket	Pants
Two-Piece Driving Suits		
7 X-Small	K1R21-TR2-NW-7XS	K1R22-TR2-NW-7XS
6 X-Small	K1R21-TR2-NW-6XS	K1R22-TR2-NW-6XS
5 X-Small	K1R21-TR2-NW-5XS	K1R22-TR2-NW-5XS
4 X-Small	K1R21-TR2-NW-4XS	K1R22-TR2-NW-4XS
3 X-Small	K1R21-TR2-NW-3XS	K1R22-TR2-NW-3XS
2 X-Small	K1R21-TR2-NW-2XS	K1R22-TR2-NW-2XS
X-Small	K1R21-TR2-NW-XS	K1R22-TR2-NW-XS
Small	K1R21-TR2-NW-S	K1R22-TR2-NW-S
Medium	K1R21-TR2-NW-M	K1R22-TR2-NW-M
Medium/Large	K1R21-TR2-NW-ML	K1R22-TR2-NW-ML
Large	K1R21-TR2-NW-L	K1R22-TR2-NW-L
Large/X-Large	K1R21-TR2-NW-LXL	K1R22-TR2-NW-LXL
X-Large	K1R21-TR2-NW-XL	K1R22-TR2-NW-XL
2 X-Large	K1R21-TR2-NW-2XL	K1R22-TR2-NW-2XL
3 X-Large	K1R21-TR2-NW-3XL	K1R22-TR2-NW-3XL



Sportsman

Two-Piece Driving Suit **NEW!**

Double-layer, two-piece Sportsman driving suit is versatile for a wide range of motorsports and features unique styling. A lightweight Nomex outer shell is combined with a soft knit Nomex inner lining for superior protection. Full floating 360° arms, boot-cut legs, ribbed arm cuffs, and adjustable waistline add comfort. Meets 3.2A/5 SFI specifications. Jacket and pants are offered in black/blue, black/red, or black/white.

Size	Black/Blue	Black/Red	Black/White
Jacket			
Small	K1R21-SPT-NB-S	K1R21-SPT-NR-S	K1R21-SPT-NW-S
Medium	K1R21-SPT-NB-M	K1R21-SPT-NR-M	K1R21-SPT-NW-M
Medium/Large	K1R21-SPT-NB-ML	K1R21-SPT-NR-ML	K1R21-SPT-NW-ML
Large	K1R21-SPT-NB-L	K1R21-SPT-NR-L	K1R21-SPT-NW-L
Large/X-Large	K1R21-SPT-NB-LXL	K1R21-SPT-NR-LXL	K1R21-SPT-NW-LXL
X-Large	K1R21-SPT-NB-XL	K1R21-SPT-NR-XL	K1R21-SPT-NW-XL
XX-Large	K1R21-SPT-NB-2XL	K1R21-SPT-NR-2XL	K1R21-SPT-NW-2XL
XXX-Large	K1R21-SPT-NB-3XL	K1R21-SPT-NR-3XL	K1R21-SPT-NW-3XL
Pants			
Small	K1R22-SPT-NB-S	K1R22-SPT-NR-S	K1R22-SPT-NW-S
Medium	K1R22-SPT-NB-M	K1R22-SPT-NR-M	K1R22-SPT-NW-M
Medium/Large	K1R22-SPT-NB-ML	K1R22-SPT-NR-ML	K1R22-SPT-NW-ML
Large	K1R22-SPT-NB-L	K1R22-SPT-NR-L	K1R22-SPT-NW-L
Large/X-Large	K1R22-SPT-NB-LXL	K1R22-SPT-NR-LXL	K1R22-SPT-NW-LXL
X-Large	K1R22-SPT-NB-XL	K1R22-SPT-NR-XL	K1R22-SPT-NW-XL
XX-Large	K1R22-SPT-NB-2XL	K1R22-SPT-NR-2XL	K1R22-SPT-NW-2XL
XXX-Large	K1R22-SPT-NB-3XL	K1R22-SPT-NR-3XL	K1R22-SPT-NW-3XL

Precision II Driving Suit

The Precision II combines an ultra lightweight shell and unsurpassed breathability with the protection found in a SFI 3.2A/5 approved driving suit. One-piece, two-layer suit is constructed from premium 100% Nomex with flat-seam construction, soft knit collar and pre-bent, four-way stretch panels across the back, knee, and crotch for unrestricted movement. Black/red only.

Size	Part No.
Medium	K1R20-PR2-NR-M
Medium/Large	K1R20-PR2-NR-ML
Large	K1R20-PR2-NR-L
Large/X-Large	K1R20-PR2-NR-LXL
X-Large	K1R20-PR2-NR-XL
2 X-Large	K1R20-PR2-NR-2XL
3 X-Large	K1R20-PR2-NR-3XL



Precision II Youth Driving Suit **NEW!**

The same design, construction, and high quality of the adult-sized Precision II, yet in youth sizing. Perfect for the drivers of Bandoleros, Micro-Sprints, Quarter Midgets, US Legend Cars and Outlaw Karts. One-piece, two-layer suit meets stringent 3.2A/5 specifications. Offered in black/gray only.

Size	Part No.
XXXXX-Small	K1R20-PRY-NG-5XS
XXXX-Small	K1R20-PRY-NG-4XS
XXX-Small	K1R20-PRY-NG-3XS
XX-Small	K1R20-PRY-NG-2XS
X-Small	K1R20-PRY-NG-XS



Victory Driving Suit

Single-layer driving suit is manufactured from Proban-treated cotton for superior fire protection and exceptional breathability. One-piece suit incorporates full, 360° arm gussets and a crotch stretch panel that allow a full range of movement. Velcro closures at belt and collar, combined with boot-cut legs, help provide a custom appearance. Meets SFI 3.2A/1 specifications. Black/gray only.

Size	Part No.
Small	K1R20-VIC-N-S
Medium	K1R20-VIC-N-M
Medium/Large	K1R20-VIC-N-ML
Large	K1R20-VIC-N-L
Large/X-Large	K1R20-VIC-N-LXL
X-Large	K1R20-VIC-N-XL
2 X-Large	K1R20-VIC-N-2XL
3 X-Large	K1R20-VIC-N-3XL



Suit Measurements

Size	Euro	Height	Weight	Chest	Waist	Hips	Inseam	Sleeve
7XS	20	3'7" - 4'1"	45-60	28"	27"	27"	20"	17"
6XS	24	4'1" - 4'3"	60-75	31"	28"	29"	22"	17"
5XS	28	4'4" - 4'6"	75-85	32"	28"	29"	23"	18"
4XS	32	4'7" - 5'0"	85-95	33"	30"	31"	25"	19"
3XS	36	5'1" - 5'3"	95-105	35"	31"	31"	26"	20"
2XS	40	5'3" - 5'4"	105-115	37"	33"	33"	27"	20"
XS	44	5'4" - 5'5"	115-125	39"	35"	36"	28"	21"
S	48	5'5" - 5'7"	125-140	41"	36"	38"	29"	22"
M	52	5'7" - 5'10"	140-150	45"	39"	39"	29"	22"
M/L	54	5'10" - 6'0"	150-165	46"	40"	41"	30"	22"
L	56	5'10" - 6'0"	160-180	46"	41"	42"	30"	22"
L/XL	58	5'11" - 6'1"	175-190	47"	42"	43"	32"	23"
XL	60	6'2" - 6'4"	185-205	47"	42"	43"	32"	23"
2XL	64	6'4" - 6'6"	215-235	48"	43"	44"	34"	24"
3XL	68	6'6" - 6'8"	250-275	49"	43"	45"	35"	25"



Flex Glove

Manufactured from premium light-weight bonded Nomex, double-layer Flex gloves use seamless, pre-curved palms and fingers combined with fire-resistant silicon for increased comfort and grip. Gloves meet both SFI 3.3/5 and FIA 8856-2000 specifications. Choose from black/gray, red/gray, or yellow/gray.



Size	Black/Gray	Red/Gray	Yellow/Gray
Youth XXXX-Small	K1R23-FLX-NG-4XS	—	—
Youth XXX-Small	K1R23-FLX-NG-3XS	—	—
Youth XX-Small	K1R23-FLX-NG-2XS	—	—
Youth X-Small	K1R23-FLX-NG-XS	—	—
Small	K1R23-FLX-NG-S	K1R23-FLX-RG-S	K1R23-FLX-FY-S
Medium	K1R23-FLX-NG-M	K1R23-FLX-RG-M	K1R23-FLX-FY-M
Large	K1R23-FLX-NG-L	K1R23-FLX-RG-L	K1R23-FLX-FY-L
X-Large	K1R23-FLX-NG-XL	K1R23-FLX-RG-XL	K1R23-FLX-FY-XL

Track 1 Glove

The Track 1 is among the highest quality, two-layer Nomex gloves currently available. Gloves use pre-curved fingers and palms combined with minimally stitched external seams to eliminate discomfort. Meet stringent SFI 3.3/5 specifications. Offered in black, red, or blue.



Size	Black	Red	Blue
Youth XXXX-Small	K1R23-TR1-N-4XS	K1R23-TR1-R-4XS	K1R23-TR1-B-4XS
Youth XXX-Small	K1R23-TR1-N-3XS	K1R23-TR1-R-3XS	K1R23-TR1-B-3XS
Youth XX-Small	K1R23-TR1-N-2XS	K1R23-TR1-R-2XS	K1R23-TR1-B-2XS
Youth X-Small	K1R23-TR1-N-XS	K1R23-TR1-R-XS	K1R23-TR1-B-XS
Small	K1R23-TR1-N-S	K1R23-TR1-R-S	K1R23-TR1-B-S
Medium	K1R23-TR1-N-M	K1R23-TR1-R-M	K1R23-TR1-B-M
Large	K1R23-TR1-N-L	K1R23-TR1-R-L	K1R23-TR1-B-L
X-Large	K1R23-TR1-N-XL	K1R23-TR1-R-XL	K1R23-TR1-B-XL

Flex Undershirt and Underpants

Made from a super-light-weight blend of 50% Nomex and 50% natural viscose fibers, innovative Flex undergarments deliver superior flame resistance and unparalleled protection against heat transfer. Undergarments meet both SFI 3.3/5 and FIA 8856 specifications. Black only.



Size	Undershirt	Underpants
Small	K1R26-FUS-N-S	K1R26-FUP-N-S
Medium	K1R26-FUS-N-M	K1R26-FUP-N-M
Large	K1R26-FUS-N-L	K1R26-FUP-N-L
X-Large	K1R26-FUS-N-XL	K1R26-FUP-N-XL
2 X-Large	K1R26-FUS-N-2XL	K1R26-FUP-N-2XL

Precision Undershirt and Underpants **NEW!**

Durable, soft knit undergarments offer comfort and an additional layer of protection. Undershirts are offered in long or short sleeve versions. Long sleeve undershirt and underpants meet SFI 3.3 specifications. Black only.



Size	Long Sleeve Undershirt	Short Sleeve Undershirt	Underpants
XXXXX-Small	K1R26-PLS-N-5XS	K1R26-PSS-N-5XS*	K1R26-PRP-N-5XS
XXXX-Small	K1R26-PLS-N-4XS	K1R26-PSS-N-4XS*	K1R26-PRP-N-4XS
XXX-Small	K1R26-PLS-N-3XS	K1R26-PSS-N-3XS*	K1R26-PRP-N-3XS
XX-Small	K1R26-PLS-N-2XS	K1R26-PSS-N-2XS*	K1R26-PRP-N-2XS
X-Small	K1R26-PLS-N-XS	K1R26-PSS-N-XS*	K1R26-PRP-N-XS
Small	K1R26-PLS-N-S	K1R26-PSS-N-S*	K1R26-PRP-N-S
Medium	K1R26-PLS-N-M	K1R26-PSS-N-M*	K1R26-PRP-N-M
Large	K1R26-PLS-N-L	K1R26-PSS-N-L*	K1R26-PRP-N-L
X-Large	K1R26-PLS-N-XL	K1R26-PSS-N-XL*	K1R26-PRP-N-XL
XX-Large	K1R26-PLS-N-2XL	K1R26-PSS-N-2XL*	K1R26-PRP-N-2XL

* Short sleeve undershirts do NOT meet SFI specifications.

GTX-1 Driving Shoe **NEW!**

Mid-top driving shoe, constructed with soft calf skin leather, features strategically located vents for unsurpassed cooling and comfort. The special built-in Achilles Flex Zone helps provide increased mobility and pedal sensitivity. Shoes meet SFI 3.3/5 specifications, and are offered in black/gray, red/gray, or black/white.

Size	Black/Gray	Red/Gray	Black/White
4	K1R24-GTX-N-4	K1R24-GTX-R-4	K1R24-GTX-W-4
5	K1R24-GTX-N-5	K1R24-GTX-R-5	K1R24-GTX-W-5
5-1/2	K1R24-GTX-N-55	K1R24-GTX-R-55	K1R24-GTX-W-55
6	K1R24-GTX-N-6	K1R24-GTX-R-6	K1R24-GTX-W-6
6-1/2	K1R24-GTX-N-65	K1R24-GTX-R-65	K1R24-GTX-W-65
7	K1R24-GTX-N-7	K1R24-GTX-R-7	K1R24-GTX-W-7
7-1/2	K1R24-GTX-N-75	K1R24-GTX-R-75	K1R24-GTX-W-75
8	K1R24-GTX-N-8	K1R24-GTX-R-8	K1R24-GTX-W-8
8-1/2	K1R24-GTX-N-85	K1R24-GTX-R-85	K1R24-GTX-W-85
9	K1R24-GTX-N-9	K1R24-GTX-R-9	K1R24-GTX-W-9
9-1/2	K1R24-GTX-N-95	K1R24-GTX-R-95	K1R24-GTX-W-95
10	K1R24-GTX-N-10	K1R24-GTX-R-10	K1R24-GTX-W-10
10-1/2	K1R24-GTX-N-105	K1R24-GTX-R-105	K1R24-GTX-W-105
11	K1R24-GTX-N-11	K1R24-GTX-R-11	K1R24-GTX-W-11
12	K1R24-GTX-N-12	K1R24-GTX-R-12	K1R24-GTX-W-12
13	K1R24-GTX-N-13	K1R24-GTX-R-13	K1R24-GTX-W-13
14	K1R24-GTX-N-14	K1R24-GTX-R-14	K1R24-GTX-W-14





Nomex Socks

Light and comfortable, fire-resistant Nomex socks keep feet clean and dry. Meets SFI 3.3 standards. One size fits all. Offered in white or black.

Size	White	Black
One-Size-Fits-All	K1R26-NSO	K1R26-NSO-N



Single Layer Nomex Head Sock

NEW! K1R17-FPP-N

One-size-fits-all head sock meets SFI 3.3/5 specifications. Black only.



Flex Balaclava

Balaclava combines 50% Nomex and 50% natural viscose fibers to provide increased fire protection and improved breathability. Meets SFI and FIA standards. Choose from white or black.

Black	White
K1R26-FHS-N	K1R26-FHS-W



Nomex Headsock

Comfortable and cool while providing an extra layer of protection, headsocks are offered in single or double-layer versions. Meets SFI and FIA specifications. Choose from black or white.

Description	Black	White
Single Layer	K1R26-SLH-N	K1R26-SLH-W



Nomad Travel Bag **NEW!**

K1R33-NOM

Large enough to store and transport a complete driving suit plus gloves, shoes, helmet, undergarments, etc. Rugged attractive bag is emblazoned with the K1 RaceGear logo.



HyperEutectic Pistons

Keith Black pistons have several important advantages over conventional alloy pistons. High silicon content yields superior thermal and wear characteristics, greater strength, scuff and seizure protection, and resistance to cracking. High silicon content also keeps heat in the combustion chambers, eliminating heat transfer and improving combustion. Pistons are machined for 5/64" top, 5/64" second, and 3/16" oil ring unless noted. Sold in sets of eight with wrist pins (except Ford 2300cc, sold in sets of four).



Part No.	Description	Bore	Stroke	Rod Length	Comp Ratio	Head Volume
Small Block Chevrolet 283-400						
KBPKB112.030*	Flat Top	4.030"	3.480"	6.000"	10.2:1	-7cc
KBPKB119.030	Dome	4.030"	3.480"	5.700"	11.2:1	+5cc
KBPKB120.030	Flat Top	4.030"	3.480"	5.700"	10.2:1	-7cc
KBPKB120.040	Flat Top	4.040"	3.480"	5.700"	10.2:1	-7cc
KBPKB120.060	Flat Top	4.060"	3.480"	5.700"	10.2:1	-7cc
KBPKB122.030*	Flat Top	4.030"	3.750"	6.000"	10.9:1	-7cc
KBPKB122.040*	Flat Top	4.040"	3.750"	6.000"	10.9:1	-7cc
KBPKB125.030	Flat Top	4.155"	3.750"	5.700"	11.4:1	-7cc
KBPKB129.030	Dome	4.155"	3.750"	6.000"	12.9:1	+3.25cc
KBPKB134.030	Flat Top	4.030"	3.750"	5.700"	10.9:1	-7cc
KBPKB134.040	Flat Top	4.040"	3.750"	5.700"	10.9:1	-7cc
KBPKB135.030	Dish	4.030"	3.750"	5.700"	9.7:1	-18cc
KBPKB147.030	Dish	4.155"	3.750"	5.700"	10.2:1	-18cc
KBPKB156.030	Flat Top	4.030"	3.250"	5.700"	9.6:1	-7cc
KBPKB156.040	Flat Top	4.040"	3.250"	5.700"	9.6:1	-7cc
KBPKB156.060	Flat Top	4.060"	3.250"	5.700"	9.6:1	-7cc

Notes: * Signifies piston machined for 1/16" top, 1/16" second and 3/16" oil rings. Compression ratios are based on a 64cc combustion chamber.

Part No.	Description	Bore	Stroke	Rod Length	Comp Ratio	Head Volume
Small Block Chevrolet 283-400 (Cont.)						
KBPKB157.030	Dome	4.030"	3.250"	5.700"	10.5:1	+5cc
KBPKB157.040	Dome	4.040"	3.250"	5.700"	10.5:1	+5cc
KBPKB193.030	Dish	4.030"	3.480"	5.700"	9.6:1	-12cc
KBPKB197.STD	D-Cup	4.000"	3.750"	5.700"	10.3:1	-12cc
KBPKB197.030	D-Cup	4.030"	3.750"	5.700"	10.3:1	-12cc
KBPKB197.040	D-Cup	4.040"	3.750"	5.700"	10.3:1	-12cc
KBPKB228.030	Flat Top	4.030"	3.480"	5.700"	10.2:1	-7cc
KBPKB231.030*	Flat Top/LW	4.030"	3.480"	5.700"	10.3:1	-6cc
Small Block Ford 289-351W						
KBPKB115.030	Flat Top	4.030"	2.870"	5.090"	9.1:1	-6cc
KBPKB115.040	Flat Top	4.040"	2.870"	5.090"	9.1:1	-6cc
KBPKB116.030	Dome	4.030"	2.870"	5.090"	9.9:1	+2cc
KBPKB116.060	Dome	4.060"	2.870"	5.090"	9.9:1	+2cc
KBPKB246.030*	Flat Top	4.030"	3.400"	5.400"	10.0:1	-6.5cc
KBPKB246.040*	Flat Top	4.040"	3.400"	5.400"	10.0:1	-6.5cc
Ford 2300cc 4-Cylinder (Sold in sets of four)						
KBPKB217.030*	Flat Top	3.810"	3.126"	5.205"	8.7:1	-4.5cc
KBPKB217.040*	Flat Top	3.820"	3.126"	5.205"	8.7:1	-4.5cc
KBPKB218.030*	Flat Top	3.810"	3.126"	5.700"	8.7:1	-4.5cc
KBPKB218.040*	Flat Top	3.820"	3.126"	5.700"	8.7:1	-4.5cc

Claimer Series Performance Pistons

Achieve maximum performance with high piston ring placement and low thermal conductivity. Top rings operate at higher temps and require slightly larger end gaps (4.000" bore x .0065" gap factor = .026" total end gap). It is recommended that ignition timing be retarded 2-4°. Pistons are machined for 5/64" top, second and 3/16" oil rings. Sold in sets of eight with wrist pins.



Part No.	Description	Bore	Stroke	Rod Length	Comp Ratio	Head Volume
Small Block Chevrolet 283-400						
KBPKB9902HC.030	Flat Top	4.030"	3.480"	5.700"	10.4:1	-5cc
KBPKB9902HC.060	Flat Top	4.060"	3.480"	5.700"	10.4:1	-5cc
KBPKB9903HC.030	Dome	4.030"	3.480"	5.700"	11.6:1	+14cc
KBPKB9903HC.040	Dome	4.040"	3.480"	5.700"	11.6:1	+14cc
KBPKB9904HC.030	Dome	4.030"	3.480"	5.700"	11.6:1	+4cc
KBPKB9908HC.030	Flat Top	4.030"	3.480"	6.000"	10.4:1	-5cc
KBPKB9908HC.060	Flat Top	4.060"	3.480"	6.000"	10.4:1	-5cc
KBPKB9909HC.040	Flat Top	4.040"	3.750"	6.000"	11.1:1	-5cc
KBPKB9911HC.030	Flat Top	4.155"	3.750"	5.700"	11.7:1	-5cc

Note: Compression ratios are based on a 64cc combustion chamber.

Valve Springs

K-Motion valve springs are coiled from the very best silicon or H-11 tool steel available for superior dependability. Sold in sets of 16. To order a single spring, add -1 to the end of the part number.

Part No.	Type	Diameter	Installed Height	Open Height	Coil Bind	Notes
KMOK-700	Single Silicon	1.265"	120 lbs. @ 1.700"	375 lbs. @ 1.150"	1.050"	Up to .500" Lift
KMOK-750	Single H-11	1.265"	130 lbs. @ 1.700"	395 lbs. @ 1.150"	1.050"	Up to .610" Lift
KMOK-800	Double Silicon	1.460"	165 lbs. @ 1.850"	495 lbs. @ 1.150"	1.085"	Up to .700" Lift
KMOK-850	Double Silicon	1.550"	135 lbs. @ 1.900"	430 lbs. @ 1.225"	1.160"	Up to .630" Lift
KMOK-900	Double H-11 without Damper	1.550"	240 lbs. @ 1.850"	645 lbs. @ 1.150"	1.090"	Up to .700" Lift
KMOK-950	Double H-11 with Damper	1.550"	245 lbs. @ 2.000"	690 lbs. @ 1.300"	1.150"	Up to .750" Lift
KMOK-1000	Double H-11 with Damper	1.625"	240 lbs. @ 1.900"	740 lbs. @ 1.200"	1.090"	Up to .750" Lift
KMOK-1000H	Double H-11 with Damper	1.625"	265 lbs. @ 2.000"	825 lbs. @ 1.200"	1.090"	Up to .850" Lift



GM LS Valve Spring Kits

Engineered exclusively for GM LS applications, drop-in valve spring kits are suited to engines with up to .660" valve lift. Premium, M300 1.300" diameter double valve springs offer 155 lbs. of seat pressure at 1.780" installed height, 380 lbs. of open spring pressure at 1.180" and coil bind at 1.070". Kits are sold complete with choice of steel or lightweight titanium retainers, valve locks, spring locators, and valve seals.



Part No.	Description
KMOK-775S	GM LS Valve Spring Kit, Steel Retainers
KMOK-775T	GM LS Valve Spring Kit, Titanium Retainers

Steel Retainers [KMOK-7410](#)

Offered in 10° version, steel retainers are machined from premium quality steel, heat treated, and include a black oxide finish. Sold in sets of 16.

Part No.	Type	Valve Spring Application	Dimensions			
			A	B	C	D
KMOK-7410	10° Retainers	K-850, K-900, K-950, K-1100, K-1150, K-1600, K-1650	1.400"	1.060"	.700"	—

Titanium Retainers [KMOK-7320](#)

K-Motion retainers are manufactured from high-strength titanium and offer an additional .050" installed height over standard retainers. Used with 10° locks. Sold in sets of 16.



Valve Locks [KMOK-6110](#)

K-Motion valve locks are fully machined and heat-treated. Locks fit all 11/32" valves and feature the more desirable 10° angle that helps eliminate the "pull through" problem common to standard 7° locks. Locks include a recess for lash caps and are sold in sets of 16 pairs (32 pieces).



MIKE WILLIAMS



SB Chevy Forged Billet H-Beam Connecting Rods

Forged, 4340 steel connecting rods are core hardened to increase tensile strength and mag-particle inspected. Rods are fitted with ARP 7/16" fasteners and finish honed. Center-to-center dimensions are held within +/- .001". Rods are bushed for full floating wrist pins. Sold in sets of eight.

Part No.	Description	Length	Housing Bore	Pin	Big End Width	Pin End Width	Gram Weight
K1T012AE25610	SB Chevy LS	6.098"	2.225"	.927"	.940"	1.010"	659

SB Chevy Forged Steel Crankshaft

[K1T012DAD348](#)

Crankshaft is constructed from 4340 steel and has undergone core hardening for added durability and mag-particle inspection for superior quality control.

Part No.	Description	Stroke	Main Journal	Rod Journal	Flange	Weight
K1T012DAD348	SB Chevy	3.480"	2.450"	2.100"	6-Bolt	53 lbs.



Chrome 14" Dia. Drop Base Air Cleaner Assemblies

Race-ready, low-profile air cleaners drop air filter 7/8" or 1-1/4" below carburetor flange and fit carburetors with 5-1/8" necks. High-flow 14" element, base, and top lid are included.



Part No.	Description	Drop Base	Element Height	Total Height
KNE60-1280	14" Dia. Chrome Assembly	1-1/4"	3"	2-3/4"
KNE60-1290	14" Dia. Chrome Assembly	1-1/4"	4"	3-3/4"
KNE60-1300	14" Dia. Chrome Assembly	1-1/4"	5"	4-3/4"
KNE60-1430	14" Dia. Chrome Assembly	7/8"	3"	3-1/8"

X-Stream 14" Dia. Air Cleaner Assemblies

High flow air filter elements and steel bases are topped by the X-Stream Air Flow Top Plate to boost horsepower and torque. Assemblies fit most popular carburetors with 5-1/8" dia. neck.



Part No.	Description	Drop Base	Element Height	Total Height
KNE66-3040	14" Dia. X-Stream Assembly	1-1/4"	3"	2-3/4"
KNE66-3070	14" Dia. X-Stream Assembly	1-1/4"	5"	4-3/4"

X-Stream Air Flow Top Plate [KNE66-1401](#)

Filter/plate replaces standard 14" air cleaner top plate to increase airflow for horsepower and torque gains. The perfect companion to the K&N Air Filter Element.



Chrome 14" Dia. Raised Base Air Cleaner Assemblies

Elevate the filter element 9/16" above carburetor flange for GM HEI clearance, or where hood clearance is not a concern. High-flow 14" dia. element, base, and top are included.



Part No.	Description	Raise Base	Element Height	Total Height
KNE60-1264	14" Dia. Chrome Assembly	9/16"	3"	4-5/8"
KNE60-1260	14" Dia. Chrome Assembly	9/16"	4"	5-5/8"
KNE60-1270	14" Dia. Chrome Assembly	9/16"	5"	6-5/8"

Airforce Pre-Cleaners

Dirt racers: K&N has struck back with the ultimate dirt defense. The K&N Airforce Pre-Cleaners are large, open-cell foam wraps that fit around the air cleaner, trapping dirt and keeping racing engines clean.



Part No.	Description
KNE25-3750	14" O.D. Air Cleaner Assemblies up to 4" Height.
KNE25-3760	14" O.D. Air Cleaner Assemblies 5" Height.
KNE25-3770	14" O.D. Air Cleaner Assemblies 6" Height.
KNE25-3900	Universal Cut to Fit, with Velcro Strips (7" Wide x 48" Long)
KNE25-5600	Extreme-Duty 14" O.D. Air Cleaner Assemblies up to 5" Height NEW!



Air Cleaner Assemblies

Here's the answer for all racers looking for bolt-on horsepower. Flow Control provides increased air flow and horsepower.



Part No.	Description
KNE61-2000	2bbl. Holley, 14" x 4" with Choke Tower
KNE61-2010	2bbl. Holley, 14" x 4.5" with Choke Tower
KNE61-2020	2bbl. Holley, 14" x 4" without Choke Tower
KNE61-4000	4bbl. Holley, 14" x 4" without Choke Tower
KNE61-4020	4bbl. Holley 390-800 CFM, 14" x 4" with Choke Tower

Filter Elements

K&N Filter Charger replacement elements improve air flow and are not affected by moisture or mist. When dirty, they can be cleaned with K&N Filter Cleaner and reused.



Part No.	Description
KNEE1650	3" Tall x 14" Diameter
KNEE3031R	4" Tall x 14" Diameter, White Cotton NEW!
KNEE3743*	3" Tall x 14" Diameter
KNEE3745*	3-1/2" Tall x 14" Diameter
KNEE3750*	4" Tall x 14" Diameter
KNEE3760*	5" Tall x 14" Diameter
KNEE3770*	6" Tall x 14" Diameter
KNEE3804	3-1/2" Tall x 16" Diameter
KNEE3806	4" Tall x 16" Diameter

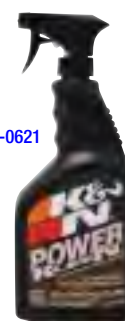
* Has inner support wire

Air Filter Oil and Cleaner

[KNE99-5000](#)



[KNE99-0621](#)



[KNE99-0635](#)



K&N Air Filter Oil is formulated for superior air filtration when used with K&N filters. The Cleaner will clean K&N filter elements and is biodegradable.

Part No.	Description
KNE99-5000	Recharger Kit (6.5 oz. Oil and 12 oz. Cleaner)
KNE99-5050	Recharger Kit (8 oz. Oil and 12 oz. Cleaner)
KNE99-0504	6 oz. Air Filter Oil, Aerosol
KNE99-0516	12 oz. Air Filter Oil, Aerosol
KNE99-0533	8 oz. Air Filter Oil, Squeeze Bottle
KNE99-0606	12 oz. Air Filter Cleaner, Squirt
KNE99-0621	32 oz. Air Filter Cleaner, Squirt
KNE99-0635	1 Gallon Air Filter Cleaner



Rubber Base Vent Filters

Filters clamp to metal or plastic for use on engines, transmissions and rear ends. Vents have chrome tops and include clamp.



Part No.	Application	Flange I.D.	O.D.	Height	Shield
KNE62-1220*	Crankcase	1"	2"	1-1/2"	No
KNE62-1320	Trans./Rear End	3/8"	2"	1-1/2"	No
KNE62-1330	Trans./Rear End	1/2"	2"	1-1/2"	No
KNE62-1340	Trans./Rear End	5/8"	2"	1-1/2"	No
KNE62-1360	Trans./Rear End	3/4"	2"	1-1/2"	No
KNE62-1370	Trans./Rear End	1"	2"	1-1/2"	No
KNE62-1390	Trans./Rear End	1-1/4"	3"	2-1/2"	No
KNE62-1420	Trans./Rear End	1"	3"	2-1/4"	No
KNE62-1440	Crankcase	1-3/8"	3"	2-1/2"	No
KNE62-1460	Crankcase	1-1/2"	3"	2-1/2"	No
KNE62-1490*	Valve Cover	1-1/4"	3"	2-1/2"	No
KNE62-1511	Valve Cover	1"	3"	2-1/2"	Yes
KNE62-1512	Valve Cover	1-1/4"	3"	2-1/2"	Yes
KNE62-1513	Valve Cover	1-3/8"	3"	2-1/2"	Yes
KNE62-1514	Valve Cover	1-1/2"	3"	2-1/2"	Yes
KNE62-1515	Valve Cover	1-3/4"	3"	2-1/2"	Yes
KNE62-1516*	Valve Cover	1-1/4"	3"	2-1/2"	Yes
KNE62-1560	Crankcase	3/4"	1-3/8"	1-1/8"	No
KNE62-2470	Trans./Rear End	5/16"	1-3/8"	1-1/8"	No
KNE62-2480	Trans./Rear End	9/16"	1-3/8"	1-1/8"	No

* Push-in rather than clamp-on breather

Stubstacks

Reduce turbulence and improve metering response of carburetors.

Part No.	Description
KNE85-0200	4bbl. Holley 4150/4160 with Choke Horn
KNE85-0210	2bbl. Holley 2300
KNE85-0400	4bbl. Holley 4150/4160 without Choke Horn



Wrench-Off Oil Filters

Filters deliver high-volume, positive oil flow with low restriction and provide the proper balance between engine protection and oil pump drag. An inner element traps contaminants as small as 10 microns. Flow rates are between 12-16 GPM (depending upon filter size) and filters have up to 550 PSI of hydrostatic burst strength.



Part No.	Description
KNEHP-3001	Ford
KNEHP-3002	Chevrolet
KNEHP-5001	Remote Mount Replaces Fram HP-6

Steel Base Vent Filters

Crankcase vent filters, with vent tubes swaged into base, press into vent hoses or grommets. Filters with mounting stud are ideal for remote mounting.



Part No.	Application	Vent Hose I.D.	Filter O.D.	Height
KNE62-1000	Fuel Cell/Rear End, -8AN	3/8"	2"	1-1/2"
KNE62-1010	Fuel Cell/Rear End, -10AN	1/2"	2"	1-1/2"
KNE62-1020	Fuel Cell/Rear End, 5/8" Hose	5/8"	2"	1-1/2"
KNE62-1030	Fuel Cell/Rear End, 3/4" Hose	3/4"	2"	1-1/2"
KNE62-1040	Fuel Cell/Rear End, 1" Hose	1"	2"	1-1/2"
KNE62-1090*	Fuel Cell/Rear End	3/8"	2"	1-1/2"
KNE62-1100*	Fuel Cell/Rear End	1/2"	2"	1-1/2"
KNE62-1110*	Fuel Cell/Rear End	5/8"	2"	1-1/2"
KNE62-1160	Fuel Cell/Rear End	3/4"	3"	2"
KNE62-1170	Fuel Cell/Rear End	1"	3"	2"
KNE62-1519	Valve Cover, Push-In with Shield	3/4"	3"	2-1/2"
KNE62-1520	Valve Cover, Push-In with Shield	1"	3"	2-1/2"

* Filter includes mounting stud.



Pro Series III Aluminum Power Steering Pumps

The Pro Series III are among the most efficient power steering pumps currently available. Pulley-driven, 9.6cc aluminum-bodied pumps feature three different pressure relief valve options, 1,200 PSI, 1,450 PSI, and 1,600 PSI to accommodate race cars with high-geared steering systems that operate at lower pressures. Pulley and mounting bracket kit must be purchased separately.

Part No.	Description
KRC29116811	Pro Series III Pump, 9.6cc
KRC29116813	Pro Series III Pump with Bolt-On Tank, 9.6cc
Related Components	
KRC20011000	6.0" V-Belt Pulley, All KRC Aluminum Pumps
KRC20015000	4.2" 6-Rib Serpentine Pulley, All KRC Aluminum Pumps
KRC20017600	6.0" 6-Rib Serpentine Pulley, All KRC Aluminum Pumps
KRC82308032	32-Tooth/30mm Wide HTD Pulley, All KRC Aluminum Pumps
KRC82308040	40-Tooth/30mm Wide HTD Pulley, All KRC Aluminum Pumps
KRC89008040	Rock Guard with Screws for 40-Tooth HTD Pulley



Elite Series Power Steering Pumps

Developed for Late Models, Super Late Models, and Modifieds, new Elite Series pump saves 4 to 6 horsepower. Affordable pump features a 9.6cc flow volume and nine levels of flow adjustment for truly custom tailored steering feel. Pumps include GM Type 2 standard bolt pattern and accept GM press-on pump pulleys. Also available in kit form, complete with mounting bracket and required hardware.



Part No.	Description
Power Steering Pumps	
KRCESP10096000	Elite Series Pump Only
KRCESP10096100	Elite Series Pump Only
KRCESP10093821	Elite Hex Drive/PTO Pump
KRCESP10096821	Elite Series Shaft/PTO Pump
KRCESP10096821	Elite Series Pump with 3/8" Hex Fuel Pump Drive NEW!
KRCESP19610000	Elite Series Pump w/o Reservoir, 6" V-Belt Pulley NEW!
KRCESP19610100	Elite Series Pump with Reservoir, 6" V-Belt Pulley
KRCESP19620000	Elite Series Pump w/o Reservoir, 4.2" 6-Rib Serpentine Pulley NEW!
KRCESP19620100	Elite Series Pump with Reservoir, 4.2" 6-Rib Serpentine Pulley NEW!

Power Steering Pump Kits (Includes Pump with Pulley, Reservoir and Mounting Bracket)	
SP18010110	SB Chevy Head Mount, Bolt-On Tank, 6" V-Belt Pulley NEW!
KRCESP18010115	SB Chevy Block Mount, Bolt-On Tank, 6" V-Belt Pulley
KRCESP19010110	SB Chevy Head Mount, Remote Tank, 6" V-Belt Pulley NEW!
KRCESP19010115	SB Chevy Block Mount, Remote Tank, 6" V-Belt Pulley



Shaft Drive/PTO

Aluminum Power Steering Pumps

Designed to be used in conjunction with a dry sump oil pump, PTO Pro Series III 9.6cc aluminum pumps are available with 3/8" hex drive or 17-spline. Requires pulley and pump adapter for mounting.



Part No.	Description
KRCPS329216811	Shaft Drive/PTO Pump, 17-Spline Drive
KRC29316811	Shaft Drive/PTO Pump, 3/8" Hex Drive
KRC29316821	Shaft Drive/PTO Pump, 3/8" Hex Drive, 3/8" Female Hex on Rear for Fuel Pump

Power Steering Flow Control Valves

Aluminum Flow Control Valves are offered in several different flow rates, making it possible to custom tailor steering "feel" on all KRC power steering pumps. Flow control valves may be used in 9.6cc Pro Series Aluminum or 13.5cc cast iron pumps.



Part No.	Description	9.6cc Alum. Pump Flow (GPM)	13.5cc Iron Pump Flow (GPM)	Identification
KRC25304000	-6AN Male	1.18	1.66	4
KRC25306000	-6AN Male	1.70	2.35	6
KRC25307000	-6AN Male	1.96	2.67	7
KRC25308000	-6AN Male	2.22	2.91	None
KRC25309000	-6AN Male	2.41	3.32	B
KRC25310000	-6AN Male	2.65	3.75	C
KRC25311000	-6AN Male	2.75	4.01	D
KRC25312000	-6AN Male	2.92	4.21	E

Power Steering Flow Control Valve Package

[KRC25300912](#)

KRC offers a flow control package that provides more assist and less feel, while achieving maximum steering control. Package includes four flow control valves.



Power Steering Pump Bracket Kits

Aluminum brackets have longer adjustment slots and captive nut for simple installation. Dual bolt pattern mounts GM or KRC-style pumps. Choose from complete kits or mount bracket only.



Description	Kit Part No.	Bracket Only Part No.
Chevy Head Mount, Mounts Pump to Left Cylinder Head	KRC31410000	KRC31411000
Chevy Block Mount, Mounts Pump Left of Timing Cover	KRC31415000	KRC31416000
Ford Head Mount, Mounts Pump to Left Cylinder Head	KRC31610000	KRC31611000*
GM F-/Y-Body, LS Head Mount	KRC71410040	—

*Bracket is designed for use with [KRC31613000](#) spacer kit.

Oberg Filtered Power Steering Reservoir

[KRC91150000](#)

Aluminum, large 23-oz. capacity reservoir incorporates an Oberg 115 micron filter that eliminates the presence of dust, dirt, and contaminants, increasing system performance and reliability. Two-piece, 4-1/2" diameter x 4-1/2" tall unit includes a -8AN side port and -12AN bottom port.



SB Chevy Crate Engine Front Drive Engine Kit with Idler

[KRCKIT16322600](#)

Ideal when transplanting small block Chevy crate engines into race cars, all inclusive kit offers a 15% water pump speed reduction. Components may also be purchased separately.



Part No.	Description
Related Components	
KRC29116811	Pro Series III Power Steering Pump, 9.6cc
KRC60750000	Pro Series Bellhousing Mount Pump Bracket, Fits Bert, Brinn or Tilton
KRC82308032	32-Tooth/30mm Wide HTD Pulley, Requires KRCHTD45030560 Belt
KRC82308040	40-Tooth/30mm Wide HTD Pulley, Requires KRCHTD45030600 Belt
KRC89008032	Rock Guard with Screws for 32-Tooth HTD Pulley
KRC89008040	Rock Guard with Screws for 40-Tooth HTD Pulley

Late Model Front Drive Serpentine Kits



Among the lightest pulley systems currently available, serpentine kits are specifically engineered for Asphalt Late Models, Modifieds, and Street Stocks. Each kit includes Elite Series power steering pump with bolt-on tank, Denso 138mm heavy-duty alternator, CNC-machined pulleys and brackets, belts, and necessary hardware.

Part No.	Description
KRCKIT16612122	SB Chevy Late Model with Elite Series Pump Kit
KRCKIT67347122	Ford Head Mount with Elite Series Pump Kit



SB Chevy Crate Engine Serpentine Drive Kits

Basic serpentine drive kit, engineered for small block Chevy crate engines, includes a Pro series serpentine pulley kit, aluminum water pump, power steering bracket, hardware and complete mounting instructions. Kit requires a power steering pump and pulley, alternator, and alternator mounting kit to complete the installation. Choose from head or block mounted kits.



KRCKIT16312615

Part No.	Description
KRCKIT16312610	Head Mounted Serpentine Drive Kit, Less Pump, Pulley and Belt
KRCKIT16312615	Block Mounted Serpentine Drive Kit, Less Pump, Pulley and Belt
Related Components	
KRC20015000	4.2" Dia. 6-Rib Serpentine Pulley, All Aluminum Pumps
KRC29116813	Pro Series III Power Steering Pump with Bolt-On Tank
KRC36400900	Hardware for SB Chevy Serpentine Pulley Kits
KRCGDY4060330	33" Serpentine Belt, Block Mounted Pro Series Pump with 4.2" Dia. Pulley
KRCGDY4060380	38" Serpentine Belt, Head Mounted Pro Series Pump with 4.2" Dia. Pulley
KRCKIT16315000	Crate Engine Alternator Add-On Kit
PWM8162	Powermaster Denso Style 50-Amp Racing Alternator

SB Chevy Serpentine Pulley Kits

Small block Chevy power steering serpentine drives include aluminum water pump pulley with 6-groove main drive and 3-groove accessory drive, aluminum R-LOK crankshaft pulley, R-LOK crank adapter and necessary hardware. Kits are offered in 1:1 ratio, and in 15% and 25% reduction. Kits are designed for use with a 4.2" serpentine power steering pulley. Serpentine belt not included.



Description	1:1 Ratio Part No.	15% Pro-Series Part No.	15% Standard Part No.	25% Reduction Part No.
SB Chevy, 4.2" P/S Pulley	KRC36400000	KRC36401500	KRC36351500	KRC36403000

SB Chevy Water Pump Only Serpentine Drive Pulley Kits with Idler/Tensioner

Water pump only, serpentine drive kits are offered in 1-to-1 and 30% ratios for small block Chevys.



Each kit includes Pro Series water pump pulley, R-LOK crank pulley, R-LOK crank adapter, idler/tensioner bracket and pulley, Goodyear Gatorback belt and necessary hardware. Components are also available separately.

Part No.	Description
KRC37451000	Water Pump Only Serpentine Drive Pulley Kit, 1-to-1
KRC37452000	Water Pump Only Serpentine Drive Pulley Kit, 15% Ratio NEW!
KRC37453000	Water Pump Only Serpentine Drive Pulley Kit, 30% Ratio
KRC40406000	Replacement 76mm Tensioner Pulley with Stud and Bolt

SB Chevy Lightweight Front Drive Kits

Serpentine drive kit eliminates the tensioner and uses 6- or 10-rib pulleys for improved belt retention, putting an end to belt slippage. Each kit includes CNC-machined billet aluminum crankshaft and water pump pulleys, crank hub, necessary hardware, belt, and spare belt.



Part No.	Description
KRCKIT16122600	Lightweight, 10-rib Front Drive Kit, 30% Reduction NEW!
KRCKIT16225604	Lightweight Front Drive Kit, 6-Rib, 6% Reduction, 602/604 Crate Engines
KRCKIT16225605	Lightweight Front Drive Kit, 6-Rib, 30% Reduction for Built Engines NEW!

SB Ford 347SR/JR Crate Engine Serpentine Drive Kit KRCKIT66347612

Serpentine drive kit, engineered for small block Ford 347SR crate engines, delivers a 12% reduction in water pump speed. Kit includes Pro series serpentine pulley kit, power steering bracket, alternator bracket, necessary hardware and complete instructions. Requires power steering pump, pulley, alternator, and belt to complete kit.



Part No.	Description
Related Components	
KRCESP10096100	Elite Series Pump with Aluminum Tank
KRC40160000	4.2" Dia. Serpentine Power Steering Pulley
KRCGDY4060365	36.5" Belt for 4.2" Serpentine Pulley
KRC40610450	Ford Alternator Bracket
KRC40130340	1.75 Alternator Pulley
KRCGDY4030240	24" Alternator Belt
PWM8162	Powermaster Denso Style 50-Amp Racing Alternator

Elite Series Bellhousing Mount Add-On Kit **NEW!** KRCKIT16225821

Complete bellhousing mount kit with Elite PTO Pump. Kit includes; Elite Series power steering pump with PTO, bellhousing mount power steering bracket, pulley, and belt.



Part No.	Description
Related Components	
WAT250250LWE	Waterman Micro Fuel Pump for Spec and Crate Motors

Quick Disconnect Throttle Rod Kit **NEW!** KRC22001040



Lightweight aluminum throttle rod features a quick disconnect for eased carburetor removal or replacement.



Racing Power Steering Fluid

Race engineered power steering fluid is designed to help reduce operating temperatures, eliminating cavitation and prolonging power steering pump life. Sold in one-quart bottles, or in cases.



1 Quart
Bottle

1 Case
(6) 1 Quart Bottles

KRCPSF10032001

KRCPSF10032006

Power Steering Pump Accessories



KRC20017600



KRC19670000

Part No.	Description
Pulleys	
KRC20015300	4.2" 3-Rib Serpentine Pulley, Aluminum Pump
KRC20017600	6.0" 6-Rib Serpentine Pulley, Aluminum Pump
KRC20020650	6.5" 6-Rib Serpentine Pulley, GM LS/Y-Body, KRC Splined Alum. Pump Shaft
KRC40160000	4.25" 6-Rib Serpentine Pulley, Cast Iron Pump NEW!
KRC40160600	6.0" 6-Rib Serpentine Pulley, GM/Saginaw/Elite Series Pump, Press-On .6645" O.D.
KRC40160632	32-Tooth HTD Pulley, 30mm Wide, Press-On, Elite Series Pump
KRC40160640	40-Tooth HTD Pulley, 30mm Wide, Press-On, Elite Series Pump
KRC40161600	6.0" V-Belt Pulley, GM/Saginaw/Elite Series Pump, Press-On .6645" O.D.
KRC50217600	6" 6-Rib Serpentine Pulley, Cast Iron Pump
KRC50219600	6.0" 6-Rib Serpentine Pulley, GM LS/F-Body, Offset for Cast Iron Pump
KRC50219650*	6.5" 6-Rib Serpentine Pulley, Cast Iron Pump
Pump Adapters	
KRC19551000	Elite Series Peterson R4 Adapter to the Pump Adapter Section
KRC19670000	3/8" Female to 1/4"-28 Male Fuel Output Drive Spud
Reservoirs	
KRC91312000	Pro Series Bolt-On Reservoir Tank, -6AN Inlet Fitting Bolt-On Reservoir Tank,
KRC91312045	-6AN Inlet Fitting 45° Further Around than Standard Tank
KRC91550800	Replacement Reservoir Tank Cap, Non-Vented

*Specially offset for GM F-body/LS engine applications.

MicroFin Fluid Cooler

KRC95120606

Efficient, flange mount fluid cooler is well suited to cool power steering, transmissions or rear ends.



R-LOK Crank Pulleys and Accessories

Part No.	Description
KRC38205000	Crank R-Lok Hex Nut
KRC38215250	R-LOK Crankshaft Hub to Pulley Spacer, .250"
KRC38815500	R-LOK SB Chevy Adapter/Spacer, Aids Belt Alignment, .500"
KRC38215575	R-LOK Crankshaft Hub to Pulley Spacer, .575"
KRC38225000	Crankshaft Pulley, R-Lok, Serpentine, 6-Rib, 2.500 in
KRC38230000	Crankshaft Pulley, R-Lok, Serpentine, 6-Rib, 3.000 in
KRC38235000	Crankshaft Pulley, R-Lok, Serpentine, 6-Rib, 3.500 in
KRC38240000	Crankshaft Pulley, R-Lok, Serpentine, 6-Rib, 4.000 in

Alternator Pulleys and Brackets

Part No.	Description
KRC40130340	1.75" Aluminum 3-Groove Alternator Pulley, Denso
KRC40510201	SBC Alternator bracket
KRC40610450	Ford Alternator Bracket
KRCKIT77525075	CT525 Alternator bracket



KRC40130340

Goodyear Gatorback Serpentine Belts

Crosscut 3- and 6-rib serpentine drive belts set the industry standard.

Part No.	Description
KRCGDY4030240	3-Rib x 24.0"
KRCGDY4030245	3-Rib x 24.5"
KRCGDY4030260	3-Rib x 26.0"
KRCGDY4030267	3-Rib x 26.5"
KRCGDY4030280	3-Rib x 28.0"
KRCGDY4060240	6-Rib x 24.0"
KRCGDY4060252	6-Rib x 25.2"
KRCGDY4060260	6-Rib x 26.0"
KRCGDY4060267	6-Rib x 26.5"
KRCGDY4060325	6-Rib x 32.5"
KRCGDY4060330	6-Rib x 33.0"
KRCGDY4060335	6-Rib x 33.5"
KRCGDY4060340	6-Rib x 34.0"
KRCGDY4060345	6-Rib x 34.5"
KRCGDY4060360	6-Rib x 36.0"
KRCGDY4060365	6-Rib x 36.5"
KRCGDY4060370	6-Rib x 37.0"
KRCGDY4060374	6-Rib x 37.4"
KRCGDY4060380	6-Rib x 38.0"
KRCGDY4060390	6-Rib x 39.0"



CT525 Single Drive Kit **NEW!**

KRCKIT77525200

Complete CT525 dirt front drive kit.



Part No.	Description
Related/Replacement Components	
KRCKIT77525075	CT525 Alternator Add On Kit, Alternator Sold Separately.
PWM8163	12v, 75amp Alternator
PWM8166	16v, 55amp Alternator LS to SB

Chevy Engine Mounts

KRC79000000

Convert from small block Chevy to GM LS series power. Fabricated from steel and black powder coated, mounts place a LS engine in the exact location and require no changes to the chassis.

Note: Mounts are not compatible with most GM LS series OEM exhaust manifolds.



CT525 Breather System

KRC79525000

Designed for use with GM LS "525" crate engines, breather system mounts directly to the OEM valve cover bungs and includes aluminum breather tube, two breathers, fittings, and connector hose.



Thermostat Housing Spacer

KRC15375000

Spacer raises the thermostat above the coolant lines, allowing the engine to warm-up quicker. Measures 1" thick and is machined to accept (2) female 3/8" NPT fittings. Hose and fittings must be purchased separately.





Matrix Late Model and Dirt Modified Wide 5 Wheels

The only three-piece, modular wide 5 racing wheel currently available. Durable, forged billet 6061-T6 center provides exceptional strength. Replacement wheel halves and centers allow wheel repair rather than replacement. Beadlock wheels include forged inner and outer beadlock rings. Wheels with Pro Ring feature allow direct mud cover attachment. Purchase mud covers separately. Choose from polished or black finished wheels.

Description	Polished Part No.	Black Part No.
15" x 14" Wheel, 5" Back Spacing	KAWMW15145	KAWMW15145B
15" x 14" Beadlock Wheel, 5" Back Spacing	KAWMW15145BLMC*	KAWMW15145BLB
15" x 14" Inner Beadlock Wheel, 5" Back Spacing	KAWMW15145IBL	KAWMW15145IBLB
15" x 14" Wheel, Pro Ring, 5" Back Spacing	KAWMW15145PR	KAWMW15145PRB
15" x 14" Inner Beadlock Wheel, Pro Ring, 5" Back Spacing	KAWMW15145IBLPR	KAWMW15145IBLPRB
Related/Replacement Components		
Mud Cover with (3) 5/16"-18 Bolts	KAWM15MCBO	KAWM15MCBOB
Wheel Center	KAWMW5C	—
Inner Wheel Half, 15" x 5"	KAWMW155BC	—
Outer Wheel Half, 15" x 9"	KAWMW159	—
Outer Wheel Half, 15" x 9", Beadlock	KAWMW159BL	—
Outer Wheel Half, 15" x 9", Pro Ring	KAWMW159PR	—
Beadlock Ring, 15" with (3) Threaded Tabs	KAWMW15BLT	KAWMW15BLTB

* Includes mud cover.



Replacement Wheel Bolt Kit KAWMWBOLTK

Includes necessary Allen bolts to assemble (1) modular wheel.



Belt Drive TandemX Pump Kits



Complete packaged Belt Drive TandemX Pump kits, available in engine- or bellhousing-mounted versions, include all of the necessary components and hardware for installation. Direct head-mount kit is engineered for Chevy "604" crate or traditional small block Chevy applications, offering an optimized drive kit for improved power steering assist that works with gasoline or alcohol applications. Bellhousing-mounted kit delivers a clean and simple TandemX pump setup to Modifieds or Late Models that are fitted with a Bert/Brinn style bellhousing. Kits are sold complete with TandemX pump, mounting kit, bypass fuel regulator, belt drive kit, and all hardware.

Part No.	Description
KSEKSC2020-002	SB Chevy/"604" Crate Engine Mount Kit
KSEKSC2021-002	Bert/Brinn Bellhousing Mount Kit

Belt Drive TandemX Pumps

Fully redesigned TandemX pump offers increased performance and over 25% reduced weight. Combined positive displacement power steering and fuel pump is driven by a single shaft, reducing weight, while increasing mechanical efficiency and simplifying plumbing. The gerotor pump has a high-alloy, 5/8" diameter heat-treated shaft with 1/8" keyway, heavy-duty front ball bearing, bi-metal central journal bearing, and a billet aluminum body and separators.



Part No.	Description
KSEKSC1064-002	TandemX Pump, Designed for Applications with Up to 700 HP, Modifieds and Crate Late Models, Alcohol and All Gas
KSEKSC1064-004	TandemX Pump, Designed for Applications with Over 700 HP, Late Models, Alcohol Only
KSEKSC1056	SB Chevy Mounting Kit
KSEKSC1059	Bert/Brinn Bellhousing Mounting Kit

Direct Drive TandemX Pumps

Fully redesigned direct-drive TandemX pumps mount directly to dry sump oil pump. Pumps utilize 3/8" diameter heat-treated hex shaft and include adapter shaft for easy installation.



Part No.	Description
KSEKSC1065-002	Direct Drive TandemX Pump, Alcohol up to 700 HP/Gasoline Up to 1,000 HP
KSEKSC1065-004*	Direct Drive TandemX Pump, Alcohol up to 1,000 HP

* Due to high flow rate, pump is not recommended for gasoline.

Tandem/TandemX Pump Components

KSEKSC1024



KSEKSC1060



Part No.	Description
KSEKSC1024	Fuel Separator Mounting Bracket, Belt Drive TandemX Pump
KSEKSC1029	Fuel Bypass Valve Poppet, Fits All Belt or Direct Drive Tandem/TandemX Pumps
KSEKSC1052B	Seal Kit, up to Serial No. 5266 (Most Popular)
KSEKSC1060	TandemX Direct Mount Kit, Mounts Pump to SB Chevy or "604" SB Chevy Crate Engine
KSEKSC1076B	Seal Kit, Serial No. 5267 and up
KSEKSC1077B	Seal Kit, for TandemX Pumps

Elixir Racing Power Steering Fluid

KSE's Elixir has a higher viscosity index, anti-foaming, anti-wear and anti-oxidation capabilities to minimize power fade, lower corner speed assist loss, and decrease heat build-up. Sold in quart or gallon containers.



1 Quart Part No.	1 Gallon Part No.
KSEKSM1086	KSEKSM1091

HTD Single Belt Drive Kits

Designed for modifieds that use a KSE tandem drive pump with a V-belt driven water pump, front mount kit includes crank mandrel, crank mandrel bolt, double-groove 20T crank pulley, crank pulley, guide, spacer, end cap, 40T pump drive pulley, and serpentine belt. Water pump pulley and bolts are not included.



KSEKSD1025

Part No.	Description
KSEKSD1025	Tandem Pump HTD Drive Kit, SB Chevy, use KSEKSC1056 Mounting Bracket
Related Components	
KSEKSD1015-270	Crank Mandrel
KSEKSD1019	HTD Pulley, 40T
KSEKSD1020	Belt Guide
KSEKSD1061	Pulley Guides, 40T Pulley, Pair
KSEKSD1062	HTD Pulley, 44T
KSEKSD1063	Pulley Guides, 44T Pulley, Pair
KSEKSM1058-640	HTD Belt 640mm x 20mm Wide / 8mm Pitch
KSEKSM1058-840	HTD Belt 640mm x 20mm Wide / 8mm Pitch
KSEKSC1042	Pump Shaft for All KSE 3/8 Hex Direct Drive

Note: A 4-3/4" long crankshaft mandrel bolt is required.

Dual Groove Water Pump Pulley

Engineered for use with KSE front drive kits, small block Chevy steel water pump pulley has provisions to accept dual V-belts.



700 Series Fast Ratio Sportsman Power Steering Box

Fast ratio Sportsman Power Steering Box simplifies circle track steering systems, eliminating the need for a steering quickener. The 700 Series steering box, which consists of a remanufactured OEM 3-bolt housing with refinished internal components, billet aluminum side cover and bottom plate, delivers increased driver feel and response. Now available in new Lightweight Series version featuring fully CNC profiled OE 3-bolt housing, contrast-cut anodized billet aluminum side cover and bottom plate along with lightened internal rack piston/screw assembly reducing the overall weight by 5 lbs. Legal in all modified sanctioning bodies. Sold complete with -6AN JIC fittings. Choose from boxes with 6:1 or 8:1 ratio and 13/16"-36 or 3/4"-30 input spline.



Part No.	Description
Steering Boxes	
KSEKSG7061-185	.185" Valve/6:1 Ratio, 13/16"-36 Input
KSEKSG7062-185	.185" Valve/6:1 Ratio, 3/4"-30 Input
KSEKSG7081-210	.210" Valve/8:1 Ratio, 13/16"-36 Input
KSEKSG7082-210	.210" Valve/8:1 Ratio, 3/4"-30 Input
Lightweight Steering Boxes	
KSEKSG7061-210LW	.210" Valve/6:1 Ratio, 13/16"-36 Input
KSEKSG7062-185LW	.185" Valve/6:1 Ratio, 3/4"-30 Input
KSEKSG7062-210LW	.210" Valve/6:1 Ratio, 3/4"-30 Input
KSEKSG7082-210LW	.210" Valve/8:1 Ratio, 3/4"-30 Input

Dual Filter Power Steering Fluid Reservoir KSEKSF2000-010M

Premium, billet aluminum power steering fluid reservoir incorporates removable, dual stainless steel filter elements to protect pumps and components from contamination. May be mounted with included firewall mounting bracket or available tube mounting kits.



Part No.	Description
KSEKSF2015-125	Reservoir Tube Mounting Kit, 1-1/4" Dia.
KSEKSF2015-150	Reservoir Tube Mounting Kit, 1-1/2" Dia.

Billet Bypass Fuel Pressure Regulator KSEKSC2005

Precision CNC-machined from billet aluminum, bypass-style regulator is compatible with both gasoline and alcohol. Regulator includes ORB ports and an adjustable idle jet. Fittings must be purchased separately.



Part No.	Description
Related Components	
KSEKSC1051	Fuel Bypass Return Fitting, -8AN ORB x -8AN JIC
KSEKSC3000	Fuel Regulator Rebuild Kit

GT-1 High-Performance Racing Oils

Kendall GT-1 High-Performance Racing Oils provide excellent resistance to viscosity and thermal breakdown at high temperatures. Protects against sludge and varnish formation along with providing good foam resistance. GT-1 oils also offer enhanced wear protection for engines with flat-tappet camshafts.

KEN1074972



Part No.	Description
KEN1074971	30W High Performance
KEN1074972	40W High Performance
KEN1081174	20W50 High Performance



SB Chevy Claimer Oil Pan

Designed exclusively for Claimer engines, affordable circle track oil pan incorporates two gates and a crank scraper to deliver effective oil control. Six-quart capacity pan is 7-1/4" deep and includes a 1" inspection fitting.



Part No.	Description
KEV1086	Pre-1980 Blocks with LH Dipstick
KEV1086NRH	1986-Up Blocks with RH Dipstick
KEV1086RH	1980-85 Blocks with RH Dipstick NEW!
Pickup Required:	
KEV1001	When using Melling M55, M55A, 10553 Oil Pumps
KEV1002	When using Melling M55HV, 10550 Oil Pumps
KEV1002-3/4	When using Melling M155HV, 10551 Oil Pumps
KEV1002-10555	When using Melling 10555, 10552 Oil Pumps

SB Chevy/Metric Chassis Stock Car Oil Pan

Engineered for 1978-88 GM metric "G"-body chassis where the engine has been lowered, oil pan includes three sump-mounted gates, crankshaft scraper, and removable windage tray for superior oil control. Six-quart capacity pan is 7-1/2" deep and includes a 1" inspection fitting.



Part No.	Description
KEV1087	Pre-1980 Blocks with LH Dipstick
KEV1087NRH	1986-Up Blocks with RH Dipstick
Pickup Required:	
KEV1003-1	When using Melling M55, M55A, 10553 Oil Pumps
KEV1003-13/4	When using Melling M155, 10554 Oil Pumps
KEV1003	When using Melling M55HV, 10550 Oil Pumps
KEV1003-13/4	When using Melling M155HV, 10551 Oil Pumps
KEV1003-10555	When using Melling 10555, 10552 Oil Pumps

SB Chevy/Modified Oil Pan

A pan that offers effective oil control for small block Chevys fit to popular Modified chassis. Seven-quart capacity pan is 7-1/4" deep and features three sump-mounted gates, crankshaft scraper, and removable windage tray. Includes a 1" inspection fitting.



Part No.	Description
KEV1090	Pre-1980 Blocks with LH or RH Dipstick
KEV1090NRH	1986-Up Blocks with RH Dipstick
Pickup Required:	
KEV1003	When using Melling M55, M55A, 10553 Oil Pumps
KEV1003-13/4	When using Melling M155, 10554 Oil Pumps
KEV1005	When using Melling M55HV, 10550 Oil Pumps
KEV1005-3/4	When using Melling M155HV, 10551 Oil Pumps
KEV1005-10555	When using Melling 10555, 10552 Oil Pumps

SB Chevy Box-Style Oil Pan

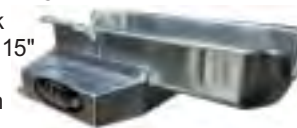
Large, box-style oil pan utilizes a full-length power pouch on the right side that is combined with a removable windage tray, oil control baffles, and ten oil control gates for unsurpassed oil control. Pan is 7-1/4" deep, has a 9-qt. capacity and accepts Tilton-style mini starters in the OEM location.



Part No.	Description
KEV1096	Pre-1980 Blocks with LH or RH Dipstick
KEV1096NRH	1986-Up Blocks with RH Dipstick
Pickup Required:	
KEV1003	When using Melling M55, M55A, 10553 Oil Pumps
KEV1003-3/4	When using Melling M155, 10554 Oil Pumps
KEV1005	When using Melling M55HV, 10550 Oil Pumps
KEV1005-3/4	When using Melling M155HV, 10551 Oil Pumps
KEV1005-10555	When using Melling 10555, 10552 Oil Pumps

SB Chevy Sportsman Oil Pan

Sportsman oil pan for small block Chevy includes a large, 12" long x 15" wide x 7" deep sump with a 7-qt. capacity. Pan is manufactured with six oil control gates, an oil diverter, full windage tray, crankshaft scraper, and provision for an oil temperature gauge.



Part No.	Description
KEV1092	Pre-1980 Blocks with LH or RH Dipstick
KEV1092NRH	1986-Up Blocks with RH Dipstick
Pickup Required:	
KEV1005	When using Melling M55, M55A, 10553 Oil Pumps
KEV1005-3/4	When using Melling M155, 10554 Oil Pumps
KEV1006	When using Melling M55HV, 10550 Oil Pumps
KEV1006-3/4	When using Melling M155HV, 10551 Oil Pumps
KEV1006-10555	When using Melling 10555, 10552 Oil Pumps

SB Chevy Stock Car/Sportsman Oil Pan

Oil pan features a shorter, deeper (8" deep x 9-1/2" long x 13-1/2" wide) sump, which allows fitment to popular GM metric (1978-88 G-body) chassis. Pan incorporates four gates, a diverter, full-length louvered aluminum windage tray, and provision for a temperature fitting.



Part No.	Description
KEV1091W	Pre-1980 Blocks with LH or RH Dipstick
KEV1091WNRH	1986-Up Blocks with RH Dipstick
Pickup Required:	
KEV1007	When using Melling M55, M55A, 10553 Oil Pumps
KEV1008	When using Melling M55HV, 10550 Oil Pumps
KEV1008-3/4	When using Melling M155HV, 10551 Oil Pumps
KEV1008-10555	When using Melling 10555, 10552 Oil Pumps



SB Chevy Road Race Oil Pan **NEW!**

Designed for road racing applications that encounter both left and right hand turns, steel small block Chevy zinc-plated steel pan is 7" deep with a built-in louvered windage tray and special baffling. Pan has an 8-qt. capacity.



Part No.	Description
KEVK1092RR	LH or RH Dipstick, Two-Pc. Rear Main Seal
Pickup Required:	
KEVK1009	When using Melling M55HV, 10550 Oil Pumps

SB Chevy Aluminum Box-Style Oil Pan **NEW!**

Fully fabricated aluminum box-style oil pan, which is 7-1/4" deep with a 9-qt. capacity, is manufactured with billet ends and railing for positive sealing. Pan incorporates a removable windage tray, circle track-style gating, oil level plug, and temperature fitting. Requires a reverse mount starter. Pan installs with no gasket (use silicone).



Part No.	Description
KEVK1097A	LH or RH Dipstick, Two-Pc. Rear Main Seal
Pickup Required:	
KEVK1003	When using Melling M55, M55A, 10553 Oil Pumps
KEVK1003-3/4	When using Melling M155, 10554 Oil Pumps
KEVK1005	When using Melling M55HV, 10550 Oil Pumps
KEVK1005-3/4	When using Melling M155HV, 10551 Oil Pumps
KEVK1005-10555	When using Melling 10555, 10552 Oil Pumps

SB Ford Sportsman Oil Pan **NEW!**

Utilizing kick-outs on the left and right sides, steel 6-1/2" deep pan has a 10" long x 14" wide sump with five gates, an oil diverter and crankshaft scraper for effective oil control. Zinc-plated steel pan has a 7-qt. capacity and includes an oil temperature fitting and oil level plug. Offered for 302 and 351W applications.



Part No.	Description
KEVF503	SB Ford 302 Oil Pan
KEVF504	SB Ford 351W Oil Pan

Pickup Required:	
KEVF503-1	When using Std. or High-Volume Oil Pump with KEVF503
KEVF504-1	When using Std. or High-Volume Oil Pump with KEVF504

Notes: Pans will not fit four-bolt SVO/SHP blocks. The 302 pan is notched for as much rack and pinion clearance as possible; the 351W pan is not. The 302 pan is 5-1/2" deep in the front; the 351W pan is 6-1/4" deep in the front.

Ford 2300 Rear Sump Oil Pan **KEVF800W**

Ideal for Ford 2300-powered mini stocks, rear sump oil pan has a 7-1/4" deep sump and features three gates, a crankshaft scraper, integrated baffle and an aluminum windage tray. Pan has a 5-qt. capacity.



Part No.	Description
KEVF800-1	When using OEM-Style Oil Pump

Suzuki GSXR Oil Pan **KEVGSXR**

Fully fabricated aluminum oil pan is engineered for Dwarf cars and Mod Lites fitted with 2006-up Suzuki 600/750cc engines. Offering a one-quart added capacity, pan is sold complete with necessary fasteners and fully welded pickup tube.



15" Stackable Jack Stand **KEVK800-BLK**

Lightweight and stackable to save room in the garage or trailer, jack stands are 15" tall for a little extra room under the car. Rated at 1,500 lbs. each, jack stand includes a durable black powder coated finish. Sold each.



Oil Evacuation System

KEV139-Kit



Unit is designed to create vacuum pressure in the crankcase, reducing windage and oil temperatures, while freeing up to 7 horsepower. System mounts to the firewall and connects to the existing stand pipes and exhaust header. Sold complete with remote breather tank and mount, evacuation valve, necessary fittings, hose, and hardware.

Part No.	Description
KEVK139-OPEN	Evacuation Kit with 1-1/2" Stand Pipe Slip-Ons
KEVK139-CRATE	Evacuation Kit with 1-3/8" Stand Pipe Slip-Ons
KEVK139-KIT	Evacuation Kit Less Stand Pipe Slip-Ons

Replacement Components

KEVK139	Evacuation Tank
KEVK139-1	Evacuation Check Valve
KEVK139-2	Weld-In Fitting for Evacuation Valve
KEVK9027	1-3/8" x -12AN Slip-On Fitting
KEVK9028	1-3/8" Slip-On Fill Cap
KEVK9035	Positive Seal Vented Fitting, -12AN, Installs in Valve Cover NEW!
KEVK9039	1-1/2" x -12AN Slip-On Fitting
KEVK9040	1-1/2" Slip-On Fill Cap

Remote Breather System

Easy-to-install kit provides effective release of crankcase pressure and increased engine efficiency. Ideal for "602" or "604" crate motors, system is IMCA-legal. Includes remote breather tank, hose, and necessary fittings.

KEV9085-Kit



Part No.	Description
KEVK9085-CRATE	Remote Breather System with 1-3/8" Stand Pipe Slip-Ons NEW!
KEVK9085-OPEN	Remote Breather System with 1-1/2" Stand Pipe Slip-Ons
KEVK9085-KIT	Remote Breather System Less Stand Pipe Slip-Ons

Replacement Components

KEVK9085	Remote Breather Tank
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Ford 2300 Fabricated Valve Cover **NEW!** **KEVVC212**

Lightweight fabricated aluminum valve cover includes a billet aluminum O-ring seal fill cap. Fits all 2.3L (2300cc) 4-cylinder Ford engines.



SB Chevy Lifter Valley Baffle **KEVK9095**

Constructed from lightweight, precision-machined aluminum, lifter valley baffle not only keeps hot oil off the bottom of the intake manifold, but also keeps the lifters in their bores, preventing loss of oil pressure in the event of pushrod or rocker arm failure.



Chevy Oil Filter Adapter **KEVK9052**

CNC-machined from lightweight billet aluminum, oil filter adapter eliminates the failure-prone OEM bypass, forcing 100% of engine oil through the filter. Designed for use with stock, spin-on type oil filters, adapter fits all 1968-up small and big block Chevy engines. Sold complete with necessary fasteners.



Power Steering Tanks

Fully fabricated aluminum tanks include a -10AN fitting on the bottom for a feed line and -6AN return fitting on the right or left side. Sold complete with choice of vented or O-ring sealed cap and necessary mounting hardware.



Part No.	Description
KEVK9087-L	Left Side Return, Sealed Cap
KEVK9087-LV	Left Side Return, Vented Cap
KEVK9087-R	Right Side Return, Sealed Cap
KEVK9087-RV	Right Side Return, Vented Cap



Low-Profile Rear End Filler Tank KEVK9090-10V

Innovative, low-profile design prevents large chunks of dirt or debris from knocking the tank loose from the deck, while an O-ringed cap is used to prevent dirt from getting inside the unit. Included vented cap allows dual-purpose use as a rear end breather.



6" Long Wheel Socket **NEW!** KEVK7001

Extended, 1" x 6" long wheel socket features a 1", six-point design to prevent lug nut damage. Neon orange powder-coated tool fits 1/2" drive air wrenches.



Tire Bleeders

Bleeders relieve heat-caused pressure build-up during a race, preventing critical changes to stagger and weight distribution. Choose from economical plastic or durable forged aluminum bleeders.



Part No.	Description
KRP3000	Forged Aluminum Bleeder Housing, for Dirt Cars that Require Added Protection, Each
KRP3015	Plastic Bleeder Housing, Specially Designed for Sprints/Midgets, Each
KRP3020	Bleeder Plug Kit, used when Not Running Bleeders, Pair
KRP3025	Quick Release Aluminum Schrader Valves, Pair
KRP3040	Replacement Bleeder Housing Rubber Grommets, Set of Four

Bleeder Screen **NEW!** KRP3060

Special, reusable screen screws onto the remaining threads on the nut side of a quick disconnect bleeder housing, preventing harmful dirt and contaminants from entering the bleeder. Red anodized billet aluminum unit is specially knurled to ease installation and features an O-ring seal. Sold each.



Hex Rear End Plug Kit KRP2225

Hex rear end plug kit makes ring and pinion inspections and filling the rear end a breeze. Made from 6061-T6 aluminum with a 1" hex for easy installation and removal. Fully machined on the inside for added weight savings.



Aluminum Rear End Cover Nuts KRP2220

Aluminum rear cover nuts are truly some of the nicest on the market today. They are manufactured from 9/16" billet aluminum hex, precisely machined, drilled all the way through, and then radius machined in the head for optimal weight savings and feature that trick King racing finish. Sold individually.



Billet 2-LB. Brake Residual Pressure Valve KRP2480

Brake residual pressure valve eliminates excess pedal travel, proving a firmer pedal. Black anodized billet valve includes a -3AN male end that installs directly into the master cylinder, while the opposite end is 1/8" NPT to connect to the brake system.



Dry Brake Coupling **NEW!** KRP2434

Billet aluminum, -3AN brake coupling allows disconnecting or re-connecting brake lines without introducing any air into the brake system. Coupling utilizes ethylene-propylene seals for a virtual lifetime of service.



Quick Release Transponder Mount

Black anodized, billet 6061-T6 aluminum mount attaches directly to roll cage tubing, allowing quick, convenient mounting of popular transponders. Includes hair pin clip for quick transponder installation or removal.



Part No.	Description
KRP2601	AMB TransX 260 Mount, 1-1/4" Dia. Tubing
KRP2602	AMB TransX 260 Mount, 1-1/2" Dia. Tubing
KRP2607	MyLaps X2 Mount, 1" Dia. Tubing NEW!
KRP2609	MyLaps X2 Mount, 1-1/2" Dia. Tubing NEW!

Rear Arm and Radius Rod Builder KRP2530

Build and duplicate all radius rods for replacement of damaged ones without having to re-square front or rear end. Anodized aluminum construction.



Dual-Gauge Leakdown Tester KRP1915

The dual-gauge setup repeats each and every time to pinpoint any problem. Features include Parker USA regulator, black anodized 14mm spark plug adapter, and aircraft-quality hardware.



Ultra Glide Stagger Tape **NEW!** KRP2550

Ultra Glide stagger tape features large, bright yellow numbers, a thumb locking button, and magnetic back for easy and precise measuring.



Double-Ended Aluminum AN Wrench Set **NEW!** KRP2565

Precision machined, billet aluminum wrenches are carefully radiused with each end including a straight and 30° bend to allow servicing of hard-to-reach fittings. Four-piece set includes sizes -6, -8, -10 and -12.



Alecular Pro Series Bearings

Designed for use with aftermarket crankshafts, Alecular Pro Series Bearings use an alloy of aluminum, tin, and copper-plus bonded to a steel back to compensate for distortion and misalignment. Specify size (Standard, -.010", -.020" or -.030") when ordering.

Engine	Rod Bearings	Description	Main Bearings	Description
SB Chevy, 305-350, 1967-99	KEBCR807HPND	With Dowel Hole	KEBMB557HP	Fully Grooved
SB Chevy, 305-350, 1967-99	KEBCR807HPN	Without Dowel Hole	—	—
SB Chevy, 400, 1970-80	KEBCR807HPND	With Dowel Hole	KEBMB509HP	Fully Grooved
SB Chevy, 400, 1970-80	KEBCR807HPN	With Dowel Hole	—	—
SB Chevy, 400, 1970-80	KEBCR807HPN	Without Dowel Hole	—	—
SB Chevy Gen. III LS	KEBCR807HPN	Without Dowel Hole	KEBMB5013HP	1/2 Grooved
SB Chevy Gen. III LS	KEBCR807HPND	With Dowel Hole	—	—



Alecular SI Bearings

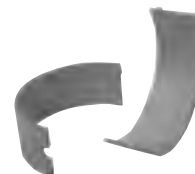
Alecular tri-metal (Aluminum-Tin-Silicon) bearings offer long wear, excellent wall variance control and improved clearance tolerances. Tri-metal composition resists corrosion and debris embedment. Specify size (Standard, -.010", -.020" or -.030") when ordering.

Engine	Rod Bearings	Description	Main Bearings	Description
SB Chevy 283-350	KEBCR807SI	Stock	KEBMB557SI	Stock
SB Chevy 400	KEBCR807SI	Stock	KEBMB509SI	Stock
SB Chevy Gen. III LS	KEBCR807SI	Stock	KEBMB5293SI	Stock



Xtreme Performance Tri-Lecular Bearings

Tri-metal, enhanced copper-lead bearings have nickel barrier plating to withstand high loads and extreme RPM. Multi-layer adhesion process improves stability between top and intermediate layers. Large, chamfered oil holes, 3/4 grooving, and a narrow design make Xtreme main bearings compatible with large radii crankshafts. Rod bearings have 45° chamfers on the crank side for increased radial clearance. Specify size (Standard, -.010", -.020" or -.030") when ordering. Most applications are offered specially-coated for improved durability; please add "C" to end of part number suffix to specify coated bearings.



Engine	Rod Bearings	Description	Main Bearings	Description
SB Chevy, 305-350, 1967-99	KEBCR807XPNC*	Without Dowel Hole	KEBMB557XPC*	3/4 Grooved
SB Chevy, 400, 1970-80	KEBCR807XPN	Without Dowel Hole	KEBMB509XP	—
SB Chevy Gen. III LS	KEBCR807XPN	—	KEBMB5013XP	3/4 Grooved
Dart LS Next	KEBCR807XPN	—	KEBMB5777XP	1/2 Grooved

* Coated



Kinser Air Filters

One of the most effective and inexpensive performance gains you can make. Kinser Air Filters are engineered to increase horsepower and throttle response without compromising filtering ability. Filter assembly feature a 3-piece modular, open-cell foam design, which allows much more air to enter through the element than traditional paper/gauze or cartridge-type units. Secondly, the domed design allows air to pass through all surfaces and enter the carburetor, without making a 90° turn. Lastly, the assembly has no sharp or hard edges to restrict air flow or cause turbulence.

Part No.	Description
KNS1003-SCK	Stock Car 14" x 5-1/2" Filter, with Base Plate
KNS1003-SC1	Stock Car 14" x 5-1/2" Filter, without Base Plate
Replacement Components	
KNS1003-BP	Base Plate
KNS1003-OW	Outerwear
KNS1003-SCF	Filter Element
KNS1003-TD	Tie Down for Base



VALERIE BOZELL

MARCUS BERGLUND





Asphalt 15° Layback Full Containment seats

New 73 Series Layback Full Containment racing seats are specifically designed for Asphalt Late Models and Asphalt Modifieds. Seats, which replace the 53 Series, are upgraded to meet SFI 39.2 specs and accommodate all head and neck restraints. The contoured, extended bottom supports the lower back, hips and thighs, while contoured bottom foam on cover includes a built-in leg separator for high G-force cornering support. Vertically adjustable head restraint includes SFI 45.2 high-impact padding. Seats accommodate 5- and 6-point belts, and are offered in 14" to 17" sizes. Sold complete with black air knit cover.

Width	Seat & Cover	Replacement Cover
14"	KIR73140KIT	—
15"	KIR73150KIT	—
16"	KIR73160KIT	KIR7316041
17"	KIR73170KIT	—



Deluxe 10° Layback Containment Seats

Well suited to North East Modifieds, Sportsman, etc., Deluxe 10° Layback Containment is the first seat to meet SFI 39.2 specifications. 79 series seats are constructed from TIG-welded 5052 aluminum and incorporate elongated bottom for added thigh and hip support, reinforced rib and shoulder supports, and vertically and laterally adjustable head restraint. High-density, energy-absorbing padding delivers added safety and comfort. Seat kit includes black cloth cover.

Width	Seat & Cover	Replacement Cover
14"	KIR79140KIT	—
14.5"	KIR79145KIT	—
15"	KIR79150KIT	—
16"	KIR79160KIT	—
17"	KIR79170KIT	KIR7917011



Lightweight 20° Layback Oval Track Seats

Seats are fabricated from .081" aluminum and weigh just over 8 lbs. Contoured seat bottoms offer maximum head room. Available in 20° layback design for Late Models. Four-piece seat covers must be purchased separately.

Width	Seat	Black Cloth Cover
Double Rib Support 20° Layback		
14"	KIR58100LW	—
15"	KIR58300LW	KIR58311LW
16"	KIR58500LW	KIR58511LW
17"	KIR58700LW	KIR58511LW



Intermediate 10° and 18° Layback Containment Seats

Intermediate seats are popularly used in Dirt and Asphalt Late Models, Street Stocks, etc. Offered in 18° or 10° layback versions, seats are constructed from 5052 aluminum, include contoured and elongated bottom for added thigh and hip support, reinforced rib and shoulder supports, vertically and laterally adjustable head restraint. High-density, energy-absorbing padding provides added safety and comfort. Seat kit includes black cloth cover.

Width	Part No.
Intermediate 10° Layback	
14"	KIR89140KIT
15"	KIR89150KIT
16"	KIR89160KIT
17"	KIR89170KIT
Intermediate 18° Layback	
14"	KIR88140KIT
15"	KIR88150KIT
16"	KIR88160KIT
17"	KIR88170KIT
18.5"	KIR88185KIT



Standard 20° Layback Containment Seats

Engineered for popular short track racing applications, 70 Series 20° layback seats are MIG welded from .125" thick 5052 aluminum and include laterally adjustable head and shoulder restraints. Reinforced head and shoulder offer increased support, while energy-absorbing foam provides increased head protection. Seats accommodate all head and neck restraints, and include openings for 5- or 6-point seat belts. Seats are sold complete with easy-to-install black cloth cover.

Width	Seat & Cover	Replacement Cover
14"	KIR70140KIT	—
15"	KIR70150KIT	KIR7015011
16"	KIR70160KIT	KIR7016011
17"	KIR70170KIT	KIR7017011



Molded Foam Seat Insert Kit KIR99300

Do-it-yourself kit allows adding form fitting high-density padding to the bottom and lumbar of an existing seat, increasing safety and comfort. Sold complete with all materials and ingredients.

Note: Kit is designed for use with a seat that properly fits the driver. If seat is too large, two kits will be required.





Standard 20° Layback Road Race Containment Seats

Designed for entry-level road racing applications, 71 Series containment seats feature a 20° layback design. Seats accommodate all head and neck restraints, and may be adjusted 1" higher or 1" lower to suit individual driver requirements. Contoured and raised seat bottoms provide maximum thigh support, while reinforced head supports provide increased safety. Lightweight aluminum construction seats are available in sizes from 15" to 17". Black cloth cover must be purchased separately.

Width	Seat	Black Cover
15"	KIR71300	KIR71311
16"	KIR71500	KIR71511
17"	KIR71700	KIR71711



Deluxe 18° Layback Road Race Containment Seats

Deluxe, 45 Series Road Race Containment Seats are manufactured from TIG-welded .100" thick 5052 aluminum and are MIG-welded inside for added strength. Seats accommodate all head and neck restraints, and include reinforced rib and shoulder restraints. The vertically adjustable head restraint is symmetrically designed for unobstructed peripheral vision and maximum safety. High-density, energy-absorbing padding delivers added safety and comfort. Black cloth cover must be purchased separately.

Width	Seat	Black Cloth Cover
15"	KIR45300	KIR45341
16"	KIR45500	KIR45541
17"	KIR45700	KIR45741
18"	KIR45900	KIR45941



Aluminum Road Race Seat Kits

Designed for road race cars, kit cars, and club racing with adjustable layback angles from 18° to 23° and 2-1/2" vertical adjustment for proper fit. Constructed from TIG and MIG-welded .100" thick 5052 grade aluminum with interior double plate reinforced headrest and built-in shoulder support. Extra support at rib height provides support for high G force cornering but is designed to not interfere with shifting. Manufactured for both five and six-point seat belt systems with additional openings for six-point belts. Seats have molded rubber inserts for lap belt, double shoulder belt, and sub belt openings. Kits include extra padded black air knit cover with contoured bottom for extra support. Seat mounts sold separately.

Part No.	Description
KIR65150KIT	Road Race Adjustable Layback Seat Kit, 15"
KIR65160KIT	Road Race Adjustable Layback Seat Kit, 16"
KIR65170KIT	Road Race Adjustable Layback Seat Kit, 17"
KIR65185KIT	Road Race Adjustable Layback Seat Kit, 18.5"



38 Series Aluminum Layback Seats

Designed for use in street stocks, IMCA Modifieds, Limited Late Models or any entry-level division vehicle. Constructed from TIG and MIG-welded .100" thick 5052 grade aluminum. Manufactured with lap belt openings, double shoulder belt openings, and sub belt opening that will accommodate all seat belt systems. Unique bottom design allows seat to be mounted in multiple layback angles (10°-20°) without raising center of gravity in the race car. Covers and mounts sold separately.



Part No.	Description
Aluminum Layback Seats	
KIR38140	14", 20° Layback
KIR38150	15", 20° Layback
KIR38160	16", 20° Layback
KIR38170	17", 20° Layback
KIR38185	18.5", 20° Layback
KIR38200	20", 20° Layback
Seat Covers	
KIR3814001	Black Vinyl, Fits KIR38140 Seat
KIR3814011	Black Tweed, Fits KIR38140 Seat
KIR3815001	Black Vinyl, Fits KIR38150 Seat
KIR3815011	Black Tweed, Fits KIR38150 Seat
KIR3816001	Black Vinyl, Fits KIR38160 Seat
KIR3816011	Black Tweed, Fits KIR38160 Seat
KIR3817001	Black Vinyl, Fits KIR38170 Seat
KIR3817011	Black Tweed, Fits KIR38170 Seat
KIR3818501	Black Vinyl, Fits KIR38185 Seat
KIR3818511	Black Tweed, Fits KIR38185 Seat
KIR3820001	Black Vinyl, Fits KIR38200 Seat
KIR3820011	Black Tweed, Fits KIR38200 Seat
Related Components	
KIR99212	Rear Seat Mount, 38 Series Seats, 3/16" Aluminum, Sold Each
KIR99214	Floor Seat Mount, 38 Series Seats, Bolts to Side of Seat then to Roll Cage or Structured Member of Floor. Sold Each

SFI 39.2 Late Model Deluxe 18° Containment Seats

Required in all Lucas Oil, World of Outlaws and UMP series, 39.2 SFI certified seats are constructed from 0.100" thick, grade 5052 aluminum and accommodate all head and neck restraints. Vertical and lateral adjustable head restraint is fitted with progressive high-density energy-absorbing padding. Head restraint may be rotated downward for added peripheral vision. Seat kit includes removable cover and rear seat mount kit.



Part No.	Description
KIR78140KIT	14" Deluxe Containment Seat Kit
KIR78150KIT	15" Deluxe Containment Seat Kit
KIR78155KIT	15-1/2" Deluxe Containment Seat Kit
KIR78160KIT	16" Deluxe Containment Seat Kit
KIR78170KIT	17" Deluxe Containment Seat Kit
KIR78185KIT	18-1/2" Deluxe Containment Seat Kit



Adjustable Child Containment Seat Kits

A multitude of adjustments, including 5" of vertical adjustment, allow these seats to fit practically any size child. Other adjustments include vertical adjustments to raise rib and shoulder supports, and the head area can be adjusted vertically, horizontally, and rotated to increase peripheral vision. A unique shoulder support cover design allows an extra 1" shoulder width adjustment. Kit includes black cloth cover and insert to reduce width for smaller kids.

Part No.	Description
KIR34120KIT	12" with Cover
KIR34140KIT	14" with Cover



Aluminum 14" High-Back Kart Seat

High-back aluminum 14" Kart seat with 40° layback, designed for karts and caged karts. TIG-welded .100" thick 5052 grade aluminum and MIG-welded inside for added strength. Offset aluminum extrusion around perimeter of seat for added strength and safety. Seat comes with shoulder belt openings and sub belt opening to accommodate all belt systems. Cover sold separately.

Part No.	Description
KIR21100	Aluminum Kart Seat, 14" High
KIR21111	Black Tweed Cover for KIR21100 Seat



Child/Quarter Midget Seats

Child seat, designed for 1/4 midgets or other child racing cars, is constructed from 5052 alloy and includes an 8° layback design. Seats are MIG welded for added strength, and include reinforced head rest and cutouts for shoulder harness and submarine belt. Black cloth seat cover must be purchased separately.

Width	Seat Only	Black Cloth Cover
10"	KIR24900	KIR24901
11"	KIR24100	KIR24101
12"	KIR24200	KIR24201
13"	KIR24300	KIR24301



Head and Shoulder Restraint Kit [KIR98711S](#)

Update an existing Kirkey seat to accept head and shoulder restraint system. Retro-fit kit is manufactured from .100" thick, 5052 grade aluminum, is padded with energy-absorbing foam and available in short version only for confined cockpits. Black cloth covers, brackets, and hardware are included.

Note: Complete kit must be used to be effective and the head restraint cannot be used separately.



Seat Side Supports

Supports provide protection for legs and shoulders under high G-forces and during an accident. Covers must be purchased separately. Designed for use with all Kirkey seats except full containment models.



Part No.	Description	Black Vinyl Cover Part No.	Black Cloth Cover Part No.
Head Supports			
KIR00100	Right	KIR00101	KIR00111
KIR00200	Left	KIR00201	KIR00211
Leg Supports			
KIR02100	Right	—	KIR02111
KIR02200	Left	—	KIR02211
Shoulder Supports			
KIR00500	Right	KIR00501	KIR00511
KIR00600	Left	KIR00601	KIR00611

[KIR99208](#)



Seat Mounting Brackets

Custom fabricated from lightweight aluminum, brackets help provide a truly professional installation when installing a Kirkey racing seat.



[KIR99214](#)

Part No.	Description
KIR99201	Rear Seat Mount, 45 Series Seat
KIR99203	Floor Seat Mount, 45 Series Seat
KIR99208	Rear Seat Mount, 79, 88, and 89 Series Seats
KIR99209	Rear Seat Mount, 73 and 91 Series Seats, 3/16" Aluminum
KIR99211	Rear Seat Mount, 70 and 71 Series Seats
KIR99212	Rear Seat Mount, 38 and 65 Series Seats, 3/16" Aluminum
KIR99214	Floor Seat Mount, 38 and 65 Series Seats, Bolts to Side of Seat then to Roll Cage or Structured Member of Floor



BRIAN RUHLMAN

JOHNNY B IMAGERY



30 Series Steel Body Mono-Tube Shock Absorbers

Single-adjustable, mono-tube shocks have four distinct rebound adjustments to suit chassis set-up or track conditions. The 30 Series shocks feature induction-hardened, chrome-plated 9/16" piston rods, and each shock body has three grooves to accept a lightweight threaded coil-over sleeve (sold separately). Mount in any position and use as coil-over or non-coil-over.

Part No.	Compression Valving	Rebound Valving	Minimum Length	Maximum Length
5" Stroke Shock Absorbers				
KON30-5325	3	2-5	10.75"	15.75"
KON30-5436	4	3-6	10.75"	15.75"
6" Stroke Shock Absorbers				
KON30-6325	3	2-5	12.25"	18.25"
KON30-6436	4	3-6	12.25"	18.25"
7" Stroke Shock Absorbers				
KON30-7325	3	2-5	12.75"	19.75"
KON30-7436	4	3-6	12.75"	19.75"
KON30-7499*	4	9-9	12.75"	19.75"
9" Stroke Shock Absorbers				
KON30-9325	3	2-5	14.75"	23.75"
KON30-9436	4	3-6	14.75"	23.75"

* Spec. Shock absorber for ACT Late Model Series

2.5" Coil-Over Kit KON30-0000

Coil-over kit is used with large top eye 30 series dampers with 2.5" I.D. springs.



Replacement Bearing KON1425-50-00-13

Bearing has a 1" O.D. and 1/2" I.D., and fits all Koni 30 Series shock absorbers.



Bump Rubber KON72-34-48-000-0

Cellular polyurethane bump rubber fits on the shock absorber and prevents the suspension from bottoming out. Similar to a progressive spring, bump rubber resistance increases as it is compressed, providing controlled bottoming of the suspension. Prevents internal shock damage caused by metal-to-metal contact. Linear soft bump rubber is 25mm tall and fits shocks with a 14mm rod dia.

Note: The non-tapered end of the bump rubber may be trimmed to increase shock travel, if desired.



Street Stock Oval Track Shock Absorbers



Koni's GM and Ford Street Stock shocks fit stock mounts and meet the rugged demands of oval track racing with heavy-duty racing valving and five-way rebound adjustment. The rebound setting can control slight push and loose conditions, and fine tune the chassis for existing track conditions.

Year/Model	Front	Rear
Buick		
1974-79 Apollo/Skylark	KON8040-1087	KON8040-1088
1970-87 Regal/Grand National	KON8040-1087	KON8040-1088
Chevrolet		
1970-81 Camaro	KON8040-1087	KON8040-1018
1977-91 Caprice/Impala	KON8040-1087	KON8040-1088
1964-85 Chevelle/Malibu	KON8040-1087	KON8040-1088
1970-87 Monte Carlo	KON8040-1087	KON8040-1088
1975-79 Nova	KON8040-1087	KON8040-1088
Ford		
1979-93 Mustang (4 Cyl. Only)	—	KON8040-1026
Oldsmobile		
1964-87 Cutlass	KON8040-1087	KON8040-1088
1975-79 Omega	KON8040-1087	KON8040-1088
Pontiac		
1970-81 Firebird	KON8040-1087	KON8040-1088
1973-77 Grand Am	KON8040-1087	KON8040-1088
1969-87 Gran Prix	KON8040-1087	KON8040-1088
1978-81 LeMans	KON8040-1087	KON8040-1088
1975-79 Ventura II/Phoenix	KON8040-1087	KON8040-1088

Shock Absorber Specifications

Street Stock Oval Track

Part No.	Upper Mount	Lower Mount	Max. Length	Min. Length
KON8040-1018	Fork	Pin	20-3/8"	12-7/16"
KON8040-1026	Pin	Eye	20-5/16"	12-3/8"
KON8040-1087	Pin	Cross Bar	13-3/4"	8-7/8"
KON8040-1088	Fork	I-Stud	21-1/8"	13-1/16"

Koni Part Number System



NEW VENDOR!

Race Series Mufflers

Durable stainless steel Race Series mufflers feature 4-1/2" dia. x 10" long cases and 15-1/2" overall length. Offered in 3" or 3-1/2" inlet/outlet configurations.

Part No.	Description
KOKR300-10	Race Series Muffler, 3" Inlet/3" Outlet
KOKR35-35-10*	Race Series Muffler, 3-1/2" Inlet/3-1/2" Outlet

* Spec. muffler for Stafford Motor Speedway (CT).



Koolsox

Double-layer fiberglass socks protect spark plug boots up to 1200°F and provide an easy way to detect potential burn areas before they occur. The sock, rather than the plug boot, absorbs the burn and eliminates misfire. An adjustable ring allows the sock to be rotated, increasing its usable life. Fits straight or angled plug boots.



Part No.	Description
K007500	Chevy (Exc. 18° or LS1) / Ford, Universal Koolsox (1-1/2" x 5-1/2")
K007518	GM 18° Koolsox (1-1/4" x 5-1/2")

Koolmat Insulation

Koolmat is a durable mat that eliminates heat build-up in the driver compartment area by up to 75%. Koolmat prevents burns, stops hot foot and helps improve driver performance. Installs easily with pop rivets or weather stripping adhesive. Just measure, cut, and rivet or glue to the floor.

Part No.	Size
K001215	12" x 15"
K001230	12" x 30"
K002430	24" x 30"
K003060	30" x 60"
K0030120	30" x 120"



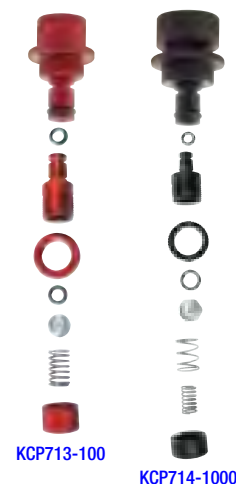
Bulk Tire Relief Components

Kwik-Change offers many of their products separately in bulk form.



Part No.	Description
KCP713-001-H	Hollow Plugs, 2 Pieces
KCP713-001-S	Solid Plugs, 4 Pieces
KCP713-002	Schrader Valves, 2 Pieces
KCP713-004	Screens, 4 Pieces
KCP713-005	Sealing Washers, 4 Pieces
KCP713-006-O	O-Rings, 4 Pieces
KCP713-006-Q	Quad Rings, 4 Pieces
KCP713-007	Grommets, 4 Pieces
KCP713-100	Relief Valves, 4 Pieces
KCP713-123	Light Springs, 8 Pieces
KCP713-124	Heavy Springs, 8 Pieces
KCP713-127	Poppets, 2 Pieces
KCP713-158-1	Plastic Quick Disconnect, 1 Piece

Part No.	Description
KCP713-158-4	Plastic Quick Disconnects, 4 Pieces
KCP713-258-1	Aluminum Quick Disconnect, 1 Piece
KCP713-258-4	Aluminum Quick Disconnects, 4 Pieces
KCP713-300	Preset Pump, 30 PSI
KCP713-300-G	Gauge Head, 30 PSI Preset Pump
KCP713-600	Preset Pump, 60 PSI
KCP714-1000	Next Generation Relief, 1 Piece
KCP714-1000-Q	Next Generation Quad Rings, 4 Pieces
KCP714-1123	Next Generation Light Springs, 8 Pieces
KCP714-1124	Next Generation Heavy Springs, 8 Pieces
KCP714-1127	Next Generation Poppets, 2 Pieces
KCP715-2000	Generation II Bleeder Fitting, Gold Anodized Aluminum



Fuel Director KLU4408

Single fuel director features a sliding nut for easy installation or removal to popular Holley carburetors. Red anodized for a professional appearance and resistance to corrosion, unit includes an 1/8" NPT port for a fuel pressure gauge and accepts a -8AN fitting or 1/2" push lock hose.



Carburetor Covers

Aluminum covers keep dirt out of engines during storage or transport and are available with or without speed nut and O-ring assembly which positively seals cover.



Part No.	Description
KLU1029	Carburetor Cover Assembly, 5-1/8" Dia., 1/4"-20 Speed Nut
KLU1030	Carburetor Cover Assembly, 5-1/8" Dia., 5/16"-18 Speed Nut
KLU1031	Carburetor Cover Only, 5-1/8" Dia.
KLU1032	Carburetor Cover Only, Dominator Carbs

Throttle Linkages and Return Kits

Quick-disconnect throttle linkages include carb bushings for most carburetors. Heavy-duty aluminum rods can withstand severe engine vibrations. Linkages can be removed from carb in 5 seconds.



Part No.	Description
KLU1040	Quick Disconnect Throttle Linkage Kit
KLU1042	Throttle Ball Accessory Kit
KLU1045	Aluminum Carburetor Bushing
KLU1046	Carburetor Spring Return Kit (Small Block and 90° V-6 Chevy, 2 or 4 bbl.)
KLU1049	Gas Pedal Ball with Locknut
KLU7203	Replacement Quick Disconnect Ends (2-Pack)

Throttle Pedal Stop KLU1038

Stop prevents stuck throttle and eliminates carburetor damage caused by over-extended linkage. Stop attaches to firewall with rivets, and linkage travel can be adjusted up to 2-1/4" with a screwdriver.





Oil Filter Cutter

Quickly/easily open filter canister to check for engine killing contaminants. Heavy-duty 6061 anodized aluminum body and razor-sharp cutter wheel hardened to 60RC make this the slickest and least expensive tool of its kind.



Part No.	Description
KLU1201R	Oil Filter Inspection Tool
KLU1204	Replacement Cutter Wheel

IMCA Lower Control Arms

IMCA-legal control arms, when used with round steel bushings, eliminate erratic handling and flexing of stock 1964-72 Chevelle GM A-body control arms. Control arms have a black painted finish and weigh just 10 lbs.



Part No.	Description
KLU8803	RH Lower Control Arm, 1968-72 Chevelle
KLU8804	LH Lower Control Arm, 1968-72 Chevelle

Related Components

KLU8801	Front Round Bushings, Required
KLU8802	Rear Round Bushings, Required
KLU8800	Steel Lower Control Arm Bushing, Oval Design

5" Coil-Over Kits

Kits are offered for a variety of coil-over shock absorbers. Kits include anodized aluminum components (top, threaded bottom, sleeve, and diaper pin). Steel wrenches are designed for use with KRC coil-over kits.



Part No.	Description
KLU8820	5" Coil-Over Kit, Bilstein
KLU8822	5" Coil-Over Kit, AFCO
KLU8824-51	5" Coil-Over Kit, QA1 51 Series
KLU8826	5" Coil-Over Kit, Pro
KLU8830	5" Coil-Over Kit, Penke
KLU8842	Coil-Over Body Wrench
KLU8840	Coil-Over Nut Wrench

Lug Nuts



Kluhsman offers lug nuts in steel or 7075 aluminum and even offers them in yellow reflective for quicker, easier tire changes in dark pit areas. Aluminum lug nuts have a lifetime guarantee.

Part No.	Description
Aluminum Lug Nuts	
KLU8201	5/8"-11 Coarse Thread, Double Angle, Package of 20
KLU8202	12mm x 1.25, Package of 16
KLU8203	12mm x 1.50, Single Angle, Package of 16
KLU8211	5/8"-11 Coarse Thread, Double Angle, Yellow Reflective, Package of 20
Steel Lug Nuts (Heat Treated)	
KLU8212	5/8"-11 Coarse Thread, Double Angle, Package of 20
KLU8212T	5/8"-11 Coarse Thread, Double Angle, Yellow Reflective, PTFE Coated, Package of 20
KLU8213T	5/8"-11 Coarse Thread, Single Angle, Yellow Reflective, PTFE Coated, Package of 20
KLU8214	5/8"-11 Coarse Thread, Single Angle, Illuminated Yellow Coated, Package of 20

Adhesive Lug Nut Foam Rings **NEW!**

KLU8251

Foam rings adhere to wheel, allowing quick lug nut installation. Sold in tube of 40.



Pit Socket **KLU8241NG**

Patent-pending, Pit Socket is balanced and features tightened mandrel specifications for less vibration during installation. Six-point, 1" impact socket is for use with 1/2" drive air wrenches.



KLU8241NG

Water Restrictor **KLU1027**

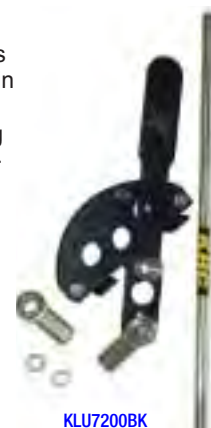
Aluminum restrictor reduces water temperatures up to 20°F. Funnel-shaped restrictor inserts into the lower radiator hose. Coolant stays in the radiator longer for improved cooling.



Lightweight Shifters

Kluhsman Bert/Brinn Shifters feature aluminum dual handles for use on rough tracks and irregular terrain. Levers can be locked in with simple detent so they can't jump out of gear. Shifters include shifter rods, mounting clevis, pins and mounting brackets for complete installation. Heim ends are included.

Part No.	Description
KLU7200BK	Powerglide Shifter, Black
KLU7301	Steel Shifter Plate Arm, Fits GM 3- and 4-Speed Transmissions
KLU7400BK	Bert Shifter with Rods, Clevis Kit, and Mounting Plate, Black
KLU7401BK	Brinn Shifter
KLU7402*	Bert Clevis Kit, Includes Pins, Fasteners, and Yoke



KLU7200BK

*Rods and mounting plate not included.

In-Line Fuel Filter **KLU4930BL**

Blue anodized aluminum 11-1/2" housing with -10AN inlet/out male fittings. Stainless steel 10", 100 micron filter.



Powerglide Lock-Up Kit **KLU7100**

This kit allows vehicles equipped with a Powerglide transmission to be push started when the starter fails. Kit includes red anodized fitting and bleeder valve. Additional parts required (not included) for installation include single foot pedal, small master cylinder, -4AN fittings, and braided line or steel line.





Valve Seat Pressure Testers

On-head, adjustable testers work with shaft style or stud mount rockers and include 0-600 PSI (unless specified) liquid-filled gauges. Slant handle is ideal for confined engine compartments. May be used in conjunction with [LSMPV-001](#) to check piston-to-valve clearance.



Part No.	Description
LSMPC-100	Valve Seat Pressure Tester, Standard Handle
LSMPC-100SLC	Valve Seat Pressure Tester, Slant/Straight Removable Handle
LSMPC-100/160	Valve Seat Pressure Tester, Std. Handle, 0-160 PSI Gauge for Crate Motors NEW!
Related Components	
LSMPC-104	4" Handle Extension for LSMPC-100 or LSMPC-100SLC
LSMPV-001	Piston-to-Valve Check Tool Adapter, Inserts in Place of the Load Cyl. on LSMPC-100

"Spring Machine" Bench-Top Valve Spring Tester

The "Spring Machine" accurately and easily measures valve spring pressure. Simply compress the spring to the specified installed height, lock down the stop, and read the gauge. Horizontal design is exceptionally stable. Choose 600 or 1,000 lb. gauge.



Part No.	Description
LSMSM-600	Valve Spring Tester, 600 lb. Gauge
LSMSM-1000	Valve Spring Tester, 1,000 lb. Gauge

Valve Spring Removal Tools

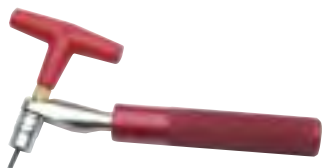
LSM's innovative tools are available for most cylinder heads and make changing valve springs an easy, one-man operation.



Part No.	Description
LSMSC-100AL	SB Chevy with Jesel/T&D/Buick with Jesel
LSMSC-150	SB Pontiac/Windsor Ford, All with T&D
LSMSC-167	GM LS Series
LSMSC-200	SB2 with Jesel/T&D, SB Ford with Jesel/T&D, BB Chevy with Jesel/T&D
LSMSC-800	Stud Mount Spring Changer, All 7/16" Stud Mount Rocker Systems
LSMSC-801	Bushing - 7/16 Stud to 3/8 Stud for SC-800
LSMSC-100ST	Heavy-Duty Version of LSMSC-100AL , Steel Base
LSMSC-100BASE	Replacement Base for LSMSC-100AL

Valve Lash Adjusting Torque Wrench [LSMTQ-100-3](#)

Set valve lash and properly torque adjusters. Cuts lash adjustment time in half. Eliminates rounded-off Allen wrenches and damaged adjusters. Set includes 3/16", 5/32", and 1/8" Allen wrenches.



"One-Tool" Valve Lash Adjusting Tool

Handy adjusting tool can be used with virtually any shaft or stud mount rocker setup. Snap on a 1/2" drive socket and insert the correct hex key. The knurled anti-slip handle provides a secure grip, even with oily hands. Includes bushings for four different sized T-handles. T-handles are not included, but are available separately.



Part No.	Description
LSM1T-100	"One Tool" Valve Adjusting Tool
LSM1T-1/8	1/8" T-Handle
LSM1T-3/16	3/16" T-Handle
LSM1T-5/32	5/32" T-Handle
LSM1T-7/32	7/32" T-Handle

Dual Feeler Gauge Holder

Ideal when setting intake and exhaust valve clearance, Holder secures two sets of 1/2" wide feeler gauges on a single handle. Purchase feeler gauges separately.



Part No.	Description
LSMFH-200R	Red
LSMFH-200BL	Blue
ALL96420	Standard Feeler Gauge Set
ALL96421	Angled Feeler Gauge Set

AN-12 Pit Wrench [LSMAN-12R](#)

Compact and lightweight, pit wrench adjusts to fit -3AN through -12AN fittings, eliminating the need to carry multiple wrenches. Machined from billet 7075 aluminum and red anodized for corrosion resistance, the patented worm gear design allows more torque to be applied without "lock up". Integrated quick fastener and belt loop provisions add further convenience.



Double-Wide Stacker Rod Vise **NEW!** [LSMRV-100](#)

The proper tool to assemble and torque connecting rods prior to checking them for sizing. Also suited to securing rods for lightening, balancing, installing rod bolts, beam polishing or machining. Simply clamp the billet, 6061-T6 aluminum tool in a vise, or permanently mount it to a bench top. Tool has a 7.680" wide x 2.250" opening and can accommodate one, two, or four rods at a time.





SFI-Approved Safety Bellhousings

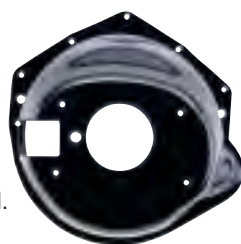
One-piece bellhousings are formed from 1/4" thick steel and meet or exceed stringent SFI standards. Complete with block plates.



Part No.	Description
LWI15000	Chevy V-8 and 90° V-6, Block Mounted Starter
LWI15200	SB Ford 289-351W, 351C, All 6 Bolt Blocks
LWI15705	Replacement Chevy Block Plate

Chevy Non-SFI Bellhousing LWI77-150

One-piece black steel bellhousing is perfect for circle track classes not requiring an SFI-approved unit. Fits all Chevy V-8 and 90° V-6. Block plate not included.



Offset Bellhousing Dowel Pins

Adjustable dowel pins correct improper alignment of bellhousing and engine block.



Application	No Offset Part No.	.007" Offset Part No.	.014" Offset Part No.	.021" Offset Part No.
GM, .625" Dia.	LWI15915	—	LWI15930	LWI15940
Ford/Chrysler, .500" Dia.	LWI15945	LWI15950	LWI15960	LWI15970

EZ-Adjustable Bellhousing Dowel Pins

New adjustable dowel pins fit into the engine block without pounding and may be turned with a screwdriver. Once the dowels are installed in the desired position, a set screw is tightened to prevent it from turning.



Application	.007" Offset Part No.	.014" Offset Part No.
GM, .621" Dia.	LWI15907	LWI15914

Heavy-Duty Clutch Forks

Heavy-gauge steel clutch forks are engineered specifically for Lakewood safety bellhousings. Recommended when installing a high-performance clutch.



Part No.	Description
LWI15500	Heavy-Duty Clutch Fork, Most GM Applications
LWI15510	Fork Pivot Boot, All Chevy/Lakewood Bellhousing Apps.

GM Adjustable Clutch Fork Pivot Ball LWI15501

Adjust fork height when clutch assemblies are changed. Highly recommended for use with Lakewood bellhousings.



Pilot Bearings/Bushings

Worn pilot bearings cause hard shifting and increase transmission wear. For best results, install a new pilot bushing/bearing when replacing clutch.



Part No.	Description
LWI15975	Sealed Ball Bearing (.669" I.D.) and Adapter Ring, Use when Adapting Ford or Lenco Trans to Chevy V-8's
LWI15976	Bronze (Factory Style) Replacement, All Chevy V-8 Applications
LWI15977	Roller Pilot Bearing, Reduces Parasitic Drag, Direct Replacement for All Chevy V-8's

Bellhousing Locating Kit

Kit will correct a misaligned bellhousing register bore, preventing missed shifts or premature pilot bearing failure. Includes two center-less ground, extra-long dowel pins and two chamfered washers. Eliminates setting up the bellhousing after each removal. Instructions are included.

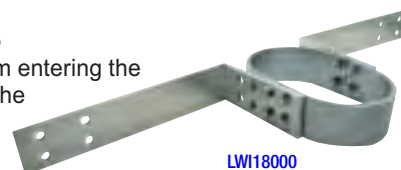


Note: Bellhousing dowel pin holes must be enlarged approximately 1/16" and welding is required for installation.

Part No.	Description
LWI15980	Bellhousing Locating Kit, Ford/Chrysler, .500" Dia.
LWI15981	Bellhousing Locating Kit, GM, .625" Dia.

Driveshaft Loops

Prevents driveshaft from entering the driver's compartment in the event of a driveshaft or U-joint failure. Constructed of 2" x 1/4" thick zinc-plated steel.



Part No.	Description
LWI18000	Universal Driveshaft Loop
LWI18017	Custom Fit Driveshaft Loop for 1979-03 Mustang



JUSTIN WHITE



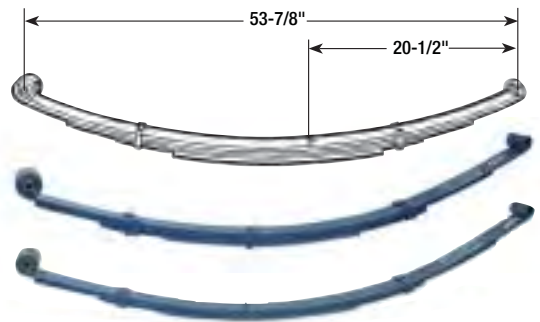
CHAD WHITE

BRIAN BENKERT



Chrysler Multi-Leaf Springs

Part No.	Front Bolt	Rear Eye	True Arch	Rate	Recommended Chassis
Dirt					
LAN20-220SPD	5/8"	1"	6.5"	150 lb.	Extra Lightweight (Up to 2,300 lb.)
LAN20-230SPD	5/8"	1"	6.5"	175 lb.	Lightweight (2,300-2,750 lb.)
LAN20-231SPD	5/8"	1"	6.5"	200 lb.	Medium Weight (2,750-2,850 lb.)
LAN20-240SPD	5/8"	1"	6.5"	225 lb.	Heavy Weight (3,000 lb. and Up)
Asphalt					
LAN20-230SPA	5/8"	1"	5"	175 lb.	Light Weight (2,300-2,750 lb.)
LAN20-231SPA	5/8"	1"	5"	200 lb.	Medium Weight (2,750-2,850 lb.)
LAN20-240SPA	5/8"	1"	5"	225 lb.	Heavy Weight (3,000 lb. and Up)

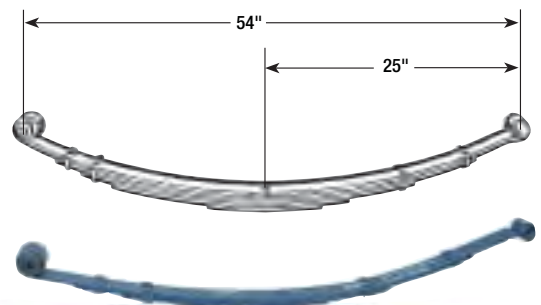


Chevy Multi-Leaf Springs

Landrum Chevy springs are fitted with stock Chevy front bushings and four extra-heavy durable clips (not band clips) to resist twisting and clip breakage.

Part No.	Spring Type	Rate	True Arch	Recommended Chassis
Dirt				
LAN21-338SPD	X-Light Rate	150 lb.	6.5"	Extra Lightweight (Up to 2,300 lb.)
LAN21-340SPD	Light Rate	175 lb.	6.5"	Lightweight (Up to 2,750 lb.)
LAN21-342SPD	Medium Rate	200 lb.	6.5"	Medium Weight (Up to 2,750-2850 lb.)
LAN21-344SPD	Heavy Rate	225 lb.	6.5"	Heavy Weight (Up to 3,000-3,500 lb.)
LAN21-348SPD*	Extra Heavy Rate	250 lb.	6.5"	Extra Heavy Weight (Up to 3,600-3,800 lb.)
Asphalt				
LAN21-338SPA	X-Light Rate	150 lb.	5"	Extra Lightweight (Up to 2,300 lb.)
LAN21-340SPA	Light Rate	175 lb.	5"	Lightweight (Up to 2,750 lb.)
LAN21-342SPA	Medium Rate	200 lb.	5"	Medium Weight (Up to 2,750-2850 lb.)
LAN21-344SPA	Heavy Rate	225 lb.	5"	Heavy Weight (Up to 3,000-3,500 lb.)
LAN21-348SPA*	Extra Heavy Rate	250 lb.	5"	Extra Heavy Weight (Up to 3,600-3,800 lb.)

* 5-Leaf



Chevy Parabolic Mono-Leaf Springs



Part No.	Rate	True Arch	Recommended Chassis
LAN21-140SP	150 lb.	6.5"	2,500-2,750 lb.
LAN21-142SP	175 lb.	6.5"	2,750-3,100 lb.
LAN21-144SP	200 lb.	6.5"	3,100-3,350 lb.
LAN21-146SP	225 lb.	6.5"	3,350-3,600 lb.

Pinto Dirt Mini-Stock Springs



Part No.	Rate
LAN42-450SP	100 lb.
LAN42-452SP	125 lb.
LAN42-454SP	150 lb.

Conventional Front Coil Springs

Front springs are ground flat on one end to assure 2% tolerance on jack screw plates, and are tangential on the opposite end to assure true lower A-frame seating. "B" and "E" series springs are gold powder coated. All 5.5" O.D. x 12" tall "F" springs appear stock and are painted black.



Rate	5" O.D. x 8" Tall	5" O.D. x 9.5" Tall	5.5" O.D. x 8 Tall	5.5" O.D. x 9.5" Tall	5.5" O.D. x 12" Tall
400	—	LANB400	LAND400	LANE400	—
450	LANA450	LANB450	LAND450	LANE450	—
500	—	LANB500	LAND500	LANE500	—
525	—	LANB525	—	LANE525	—
550	LANA550	LANB550	LAND550	LANE550	—
575	—	LANB575	—	LANE575	—
600	—	LANB600	—	LANE600	LANF600
625	—	LANB625	—	LANE625	—
650	—	LANB650	LAND650	LANE650	—
675	—	—	—	LANE675	—
700	—	LANB700	—	LANE700	LANF700

Rate	5" O.D. x 8" Tall	5" O.D. x 9.5" Tall	5.5" O.D. x 8 Tall	5.5" O.D. x 9.5" Tall	5.5" O.D. x 12" Tall
750	—	LANB750	LAND750	LANE750	—
800	—	LANB800	—	LANE800	LANF800
850	—	LANB850	—	LANE850	—
900	—	LANB900	—	LANE900	LANF900
950	—	LANB950	—	LANE950	—
1000	—	LANB1000	—	LANE1000	LANF1000
1050	—	—	—	LANE1050	—
1100	—	—	—	LANE1100	LANF1100
1200	—	—	—	LANE1200	LANF1200
1250	—	—	—	LANE1250	—
1300	—	—	—	LANE1300	—



Conventional Rear Coil Springs

Conventional rear 5" O.D. springs are available in lengths of 8", 10.5", 13", 14", 15", 16", and 20". The 10.5" springs are designed to mount on top of the axle, while 13", 14", 15", 16", and 20" units mount below the axle. Ends are ground flat, assuring true contact with the spring perches.

Rate	5" O.D. x 8" Tall	5" O.D. x 10.5" Tall	5" O.D. x 13" Tall	5" O.D. x 14" Tall	5" O.D. x 15" Tall	5" O.D. x 16" Tall	5" O.D. x 20" Tall
75	—	—	—	—	LANK75	—	LANK20-075
100	—	—	LANJ100	LANK14-100	LANK100	LANK16-100	LANK20-100
125	—	LANI125	LANJ125	LANK14-125	—	LANK16-125	—
150	LANH150	LANI150	LANJ150	LANK14-150	—	LANK16-150	—
175	LANH175	LANI175	LANJ175	LANK14-175	—	LANK16-175	—
200	LANH200	LANI200	LANJ200	LANK14-200	—	LANK16-200	—
225	LANH225	LANI225	LANJ225	LANK14-225	—	LANK16-225	—
250	—	LANI250	LANJ250	LANK14-250	—	LANK16-250	—
275	LANH275	LANI275	LANJ275	LANK14-275	LANK275	LANK16-275	—
300	—	LANI300	LANJ300	LANK14-300	—	LANK16-300	—
325	—	—	—	LANK14-325	—	LANK16-325	—
350	—	—	—	LANK14-350	—	LANK16-350	—
375	—	—	—	LANK14-375	—	—	—
400	—	—	—	LANK14-400	—	—	—
475	—	—	LANJ475	—	—	—	—



Progressive Conventional Rear Coil Springs **NEW!**

The same construction, quality, and consistency as traditional rear springs, yet with progressive rates. Ends are ground flat, assuring true contact with the spring perches. Offered in 5" O.D. x 13" tall only.

Part No.	Rate
LANJ125-300	5" O.D. x 13" Tall, 125-300 Rate
LANJ150-350	5" O.D. x 13" Tall, 150-350 Rate
LANJ175-400	5" O.D. x 13" Tall, 175-400 Rate
LANJ200-450	5" O.D. x 13" Tall, 200-450 Rate

Conventional Coil Springs Reference

- 5" front springs fit 1964-72 Chevelle, 1967-69 Camaro, and 1968-74 Nova
- 5-1/2" front springs fit 1973-up Chevelle, 1970-up Camaro, 1975-up Nova, and most Fords

VB Series 2-1/2" I.D. Coil-Over Springs

VB Series 2-1/2" I.D. coil-over springs are manufactured from premium chrome silicon wire and are engineered to offer an accurate spring rate and long service life. Each spring is preset to solid height during the manufacturing process and is sold complete with a dyno sheet to ensure superior accuracy and quality control.

Rate	7" Tall	8" Tall	10" Tall	12" Tall	14" Tall	16" Tall	18" Tall
80	—	—	—	LAN12VB080	LAN14VB080	—	—
95	—	—	—	LAN12VB095	LAN14VB095	—	—
100	—	—	LAN10VB100	LAN12VB100	LAN14VB100	LAN16VB100	LAN18VB100
110	—	—	—	—	LAN14VB110	—	—
125	—	—	LAN10VB125	LAN12VB125	—	LAN16VB125	LAN18VB125
135	—	—	—	LAN12VB135	LAN14VB135	—	—
150	—	—	LAN10VB150	LAN12VB150	LAN14VB150	LAN16VB150	LAN18VB150
160	—	—	—	LAN12VB160	—	—	—
175	—	LAN8VB175	LAN10VB175	LAN12VB175	LAN14VB175	—	—
200	—	LAN8VB200	—	LAN12VB200	LAN14VB200	LAN16VB200	—
225	—	LAN8VB225	LAN10VB225	LAN12VB225	LAN14VB225	—	—
250	—	LAN8VB250	LAN10VB250	LAN12VB250	LAN14VB250	—	—
275	—	LAN8VB275	—	LAN12VB275	—	—	—
300	—	—	LAN10VB300	LAN12VB300	LAN14VB300	—	—
325	—	LAN8VB325	LAN10VB325	LAN12VB325	LAN14VB325	—	—
350	LAN7VB350	—	LAN10VB350	LAN12VB350	—	—	—
400	LAN7VB400	—	LAN10VB400	LAN12VB400	—	—	—
425	—	LAN8VB425	—	—	—	—	—
450	LAN7VB450	—	—	—	—	—	—
475	—	—	LAN10VB475	—	—	—	—
500	LAN7VB500	—	LAN10VB500	—	—	—	—
525	—	LAN8VB525	LAN10VB525	—	—	—	—
600	—	LAN8VB600	—	—	—	—	—
650	—	LAN8VB650	—	—	—	—	—
700	—	LAN8VB700	—	—	—	—	—



VB Series 2-1/2" I.D. Progressive Coil-Over Springs **NEW!**

The same material, quality, and durability as traditional VB series coil-overs, yet with progressive spring rates. Sold complete with a dyno sheet to ensure superior accuracy and quality control.

Part No.	Rate	Part No.	Rate
LAN10VB175-350	10" Tall, 175-350 Rate	LAN14VB175-350	14" Tall, 175-350 Rate
LAN10VB200-400	10" Tall, 200-400 Rate	LAN14VB200-400	14" Tall, 200-400 Rate
LAN12VB175-350	12" Tall, 175-350 Rate	LAN16VB140-375	16" Tall, 140-375 Rate
LAN12VB200-400	12" Tall, 200-400 Rate		

Every Landrum Coil spring comes with a dyno sheet.

The dyno sheet shows the dynamic rate and force output for the spring in 0.200" increments. This allows the customer to know exactly what the spring rate is and means when you change a spring, you know exactly what change is being made.



Barrel Springs

Specially engineered barrel springs combine the benefits of reduced weight, increased travel, and added shock absorber clearance compared to traditional 2-1/2" I.D. coil-over springs. Finished in gold powder coat.

Rate	14" Tall	15" Tall	16" Tall
105	—	—	LANW16-105
125	LANW14-125	—	LANW16-125
135	—	—	LANW16-135
150	LANW14-150	LANW15-150	—
175	LANW14-175	LANW15-175	—
200	LANW14-200	LANW15-200	—
275	LANW14-275	—	—



5" O.D. x 7" Tall Pull Bar Springs

Pull bar springs are offered in conventional and progressive designs. Springs are 5" O.D. x 7" tall.

Part No.	Rate
LANG600	600
LANG600-1200*	600-1200
LANG700	700
LANG800	800
LANG900	900
LANG1050	1050
LANG1200	1200
LANG800-1400*	800-1400
LANG1100-1600*	1100-1600

* Signifies a progressive spring.



1.9" I.D. Variable SB Coil-Over Springs **NEW!**

Variable SB, 1.9" I.D. coil-over springs are lighter and offer a high rate of travel, resulting in an increased linear spring rate. Each spring features a gold or gun metal gray powder coated finish and is sold complete with a dyno sheet.

Rate	6" Tall	8" Tall	10" Tall
60	—	LANXVB060	—
75	—	LANXVB075	—
110	—	LANXVB110	LANTVB110
120	—	—	LANTVB120
130	—	—	LANTVB130
140	—	—	LANTVB140
150	—	—	LANTVB150
160	—	LANXVB160	LANTVB160
170	LANX6-170	LANXVB170	LANTVB170
180	—	LANXVB180	LANTVB180
190	—	LANXVB190	LANTVB190
200	LANX6-200	LANXVB200	LANTVB200
220	LANX6-220	LANXVB220	LANTVB220
240	LANX6-240	—	—
250	—	—	LANTVB250
260	LANX6-260	LANXVB260	LANTVB260
280	—	LANXVB280	LANTVB280
300	—	LANXVB300	LANTVB300
320	—	LANXVB320	—
350	—	LANXVB350	—



ST Series Bump Stop Springs

Eliminate the problems commonly associated with bump stops. Manufactured from high-tensile steel, ST Series Bump Stop Springs feature a linear rate, which allows easier adjustability as the spring rate determines how hard you want to hit the stop, and how quickly. Simple calculations allow determining how much spring deflection is required to provide the desired load balance. Bump spring cups include a center bushing to reduce friction.

Part No.	Description
LANST300	Bump Stop Spring, 300 lbs. NEW!
LANST400	Bump Stop Spring, 400 lbs.
LANST500	Bump Stop Spring, 500 lbs. NEW!
LANST600	Bump Stop Spring, 600 lbs.
LANST700	Bump Stop Spring, 700 lbs. NEW!
LANST800	Bump Stop Spring, 800 lbs.
LANST900	Bump Stop Spring, 900 lbs. NEW!
LANST1100	Bump Stop Spring, 1100 lbs. NEW!
LANST1000	Bump Stop Spring, 1000 lbs.
LANST1200	Bump Stop Spring, 1200 lbs.
LANST1400	Bump Stop Spring, 1400 lbs.
LANST1600	Bump Stop Spring, 1600 lbs.
LANST1800	Bump Stop Spring, 1800 lbs.
LANST2000	Bump Stop Spring, 2000 lbs.
LANST2500	Bump Stop Spring, 2500 lbs. NEW!
LANST3000	Bump Stop Spring, 3000 lbs.
LANST3500	Bump Stop Spring, 3500 lbs. NEW!
LANST4000	Bump Stop Spring, 4000 lbs.
LANST4500	Bump Stop Spring, 4500 lbs. NEW!
LANST5000	Bump Stop Spring, 5000 lbs.
LANST6000	Bump Stop Spring, 6000 lbs. NEW!
LANST7000	Bump Stop Spring, 7000 lbs. NEW!



2-1/4" I.D. Coil-Over Springs **NEW!**

Cold-wound, designed with the correct pitch and height ratio, each spring is engraved and serial numbered for quality control. Finished in a gold or gun metal gray powder-coated finish.

Rate	7" Tall	8" Tall
150	—	LANY8-150
175	—	LANY8-175
200	—	LANY8-200
225	—	LANY8-225
250	—	LANY8-250
275	—	LANY8-275
300	—	LANY8-300
325	—	LANY8-325
350	—	LANY8-350
375	—	LANY8-375
400	LANY7-400	LANY8-400
475	LANY7-475	—
500	LANY7-500	—
525	LANY7-525	—



Bump Cups **NEW!**

Engineered for use with Landrum bump springs. Sold each.

Part No.	Description
LANBUMCUP14MM	Bump Spring Cup, 14mm
LANBUMCUP5/8	Bump Spring Cup, 5/8"
LANBC345/14MM	14mm Bump Cup, Fits 14mm / 1/2" Shock Shaft and 3000-7000 Bump Spring Rates
LANBC345/16MM	16mm Bump Cup, Fits 16mm / 5/8" Shock Shaft and 3000-7000 Bump Spring Rates



3" I.D. Coil-Over Springs **NEW!**

Springs are cold-wound, designed with the correct pitch and height ratio, engraved and serial numbered for quality control. Finished in a gold or gun metal gray powder-coated finish.

Rate	6" Tall	10" Tall
175	—	LANR10-175
200	—	LANR10-200
250	LANR6-250	LANR10-250
300	LANR6-300	LANR10-300



Take-Up Spring **NEW!**

LANU7X5

Referred to as a take-up or helper, purpose built spring is designed to stay firmly seated within the spring perch, preventing the main spring from becoming loose at full drop.





Tender Springs **NEW!**

Springs are cold-wound, designed with the correct pitch and height ratio, engraved and serial numbered for quality control. Finished in a gold or gun metal gray powder-coated finish.

Part No.	Description
LANX1.75-700	2.0" I.D. x 1.75" Long, 700 lbs.
LANX2.50-175	2.0" I.D. x 2.50" Long, 175 lbs.
LANX2.50-325	2.0" I.D. x 2.50" Long, 325 lbs.
LANX2.50-400	2.0" I.D. x 2.50" Long, 400 lbs.



Spring Bags **NEW!**

Designed to endure the rigors of oval track racing, spring bags help protect costly coil-over shock absorbers from dirt and debris, while also keeping spring/shock set-up confidential from the competition.

Part No.	Description
LANSB4	2.5"-3.0" Spring I.D. x 4" Tall
LANSB8	2.5"-3.0" Spring I.D. x 7"-8" Tall
LANSB10	2.5"-3.0" Spring I.D. x 10" Tall
LANSB12	2.5"-3.0" Spring I.D. x 12" Tall
LANSB13	5.0" Spring O.D., 8"-13" Tall
LANSB14	2.5"-3.0" Spring I.D. x 14" Tall
LANSB16	5.0" Spring O.D., 14"-16" Tall
LANSB20	5.0" Spring O.D., 18"-20" Tall



LIFELINE

Lightweight Racing Batteries

Lightweight, maintenance-free Valve Regulated Sealed Lead Acid Battery (VRSLAB) was originally developed for military aircraft where weight, power, and safety are priorities. This also makes it the perfect choice for today's racer. May be mounted in any position and will not leak, even if the case is damaged. Battery mounts are also offered.

Part No.	CCA	Reserve Capacity	Peak Dis. Amps	Dimensions	Battery Mount	Weight
REAAP1236	775	36 Mins.	1200 @ 15 Sec.	7.625"L x 5.25"W x 6.875"H	REA2010	24 lbs.
REAAP1257	850	57 Mins.	1500 @ 10 Sec.	9.75"L x 5.25"W x 6.875"H	—	31 lbs.



REAAP1257

16-Volt Racing Batteries

Sealed Absorbed Glass Mat (AGM) batteries are powerful enough for modern racing ignitions and starting requirements. Batteries never need water and charge more quickly than conventional batteries. Available in two- and three-post versions. Three-post battery can accommodate 12-volt gauges, lights, etc. with the 12-volt terminal and ignition, and starting circuits with the 16-volt terminal.

Part No.	Description	Reserve Capacity	CCA	Dimensions	Weight
REA1640TB	2 Post	85 mins.	1050	10.23"L x 6.60"W x 8.31"H	42 lbs.
REA16/1240TB	3-Post	85 mins.	1050	10.23"L x 6.60"W x 8.31"H	42 lbs.



REA16/1240TB

LifeLine®
Champions of Safety

**NEW
VENDOR!**

Zero 2000 2.25-Liter Club Fire Marshall Mechanical System

Mechanically-activated, foam-based fire system uses a pull cable and premium-quality valve modified to allow total discharge. Includes 2.25-liter aluminum, red powder-coated bottle, (2) 6' pull cables, (2) Zero 2000 nozzles, (2) 6mm Equal T connectors, (3) 6mm tubes, (5) pipe clips, and decals.

Part No.	Description
LIF101-225-011	Zero 2000 2.25-Liter Mechanical System
LIF101-225-001-B	2.25-Liter Aluminum Bottle Only



Zero 2000 FIA 4.0-Liter Fire Marshall Mechanical System

Zero 2000 4.0-liter system utilizes four nozzles in the engine compartment and four in the driver's compartment for effective fire suppression. The reduced, 8mm delivery tube dia. offers faster fire knock down capability. Includes 4.0 liter steel, red powder coated bottle, (1) 6' pull cable, (1) 12' pull cable, (8) misting nozzles, (6) 8mm Equal T connectors, 8m of 8mm alloy tubing, (1) 8mm bulkhead, (5) tube clips, and decal pack. Meets FIA standards.

Part No.	Description
LIF106-001-001*	Zero 2000 4.0-Liter Mechanical System
LIF106-001-001-B	4.0-Liter Steel Bottle Only

***System is labeled 4L, typically accepted as the equivalent of a 5 lb. system. Consult racing series for confirmation.**



Zero 360 SFI 17.1 5-lb Mechanical System

A 5-lb. fire suppression system that is lightweight, compact, and SFI-compliant. System utilizes two aluminum nozzles to disperse 3M Novec 1230, a clean agent that offers a high level of fire suppression without residue. Meets SFI 17.1 specifications. Choose from systems with aluminum or steel tubing.

Part No.	Description
LIF103-101-003	Zero 360 5-lb. Mechanical System, Aluminum Tubing
LIF103-101-004	Zero 360 5-lb. Mechanical System, Steel Tubing



DUSTIN CARTER

Zero 360 FIA 2.25kg Novec 1230 Fire Marshall System

Engineered to be smaller and lighter than traditional FIA-certified systems, Zero 360 displaces clean liquid Novec 1230 extinguishing agent. Mechanically-activated system is sold complete with 2.25kg gray powder-coated steel bottle, 6m of 8mm tube, bracket and strap kit, 6m heatproof over braid, (2) straight inlet nozzles, (3) Double Z nozzles, (1) 8mm Equal T connector, (1) 8mm bulkhead fitting, (5) tube clips, (1) four-way connector, (1) 6' pull cable, (1) 12' pull cable, (1) cable nipple, and decal pack. Meets FIA EX.028.08 specifications.



Part No.	Description
LIF106-001-004*	Zero 360 2.25kg Mechanical System
LIF106-001-004-B	2.25kg Steel Bottle Only

* System is labeled 2.25kg, typically accepted as the equivalent of a 5-lb. system. Consult racing series for confirmation.

Zero 360 FIA 2.25kg Novec 1230 Stored Pressure Electric System

Stored pressure, electrically-activated push button system is smaller and lighter than competitor's FIA-certified systems, yet very effective. System discharges Novec 1230 liquid clean agent for superior fire knock down and fire out capability. Meets FIA EX.042.17 specifications. Includes 2.25kg steel bottle, (1) Power Pack, (2) push buttons, (2) plug and leads, 6m of 8mm tube, 6m of heatproof over braid, (2) straight inlet nozzles, (3) Double Z nozzles, (1) 8mm T-connector, (1) bulkhead fitting, (2) packs of pipe clips, (1) 8mm 4-way equal cross, bracket and straps, and decal pack.



Part No.	Description
LIF106-001-005*	Zero 360 2.25kg Electric System
LIF106-001-005-B	2.25kg Steel Bottle Only

* System is labeled 2.25kg, typically accepted as the equivalent of a 5 lb. system. Consult racing series for confirmation.

Alloy Semi Rigid Tubing LIF951-101-008-8M

Often required when transferring a fire suppression system from one car to another, alloy 8mm tubing is for use with all Zero 360, Zero ZERO, and Zero 2000 FIA 4.0L AFFF systems produced since 2018. Sold in 8-meter lengths.



AFFF Hand-Held Fire Extinguisher LIF201-100-001

Portable 1.0 liter fire extinguisher is ideally suited to passenger cars, trailers or work shops. Filled with AFFF (Aqueous Film Forming Foam), a non-toxic, ozone-friendly suppressant. Not approved for use in motorsports.

Note: Service and recertification every two years is critical as product will dry and harden with age.



Bolt-On Quick-Release Steering Adapter LIF410-100-003

Manufactured from CNC-machined, billet aluminum for strength and durability. Gold anodized quick-release steering adapter utilizes precision cut male and female splines.



LED Rain Light LIF421-100-005

High-intensity, rear LED Rain Light is homologated for competition use by MSA and FIA. Intensely bright, 2-1/2" wide x 4" tall light features a 4-Hz flash mode to meet the latest FIA standards. Light has an estimated 35,000 hour life and is designed to endure the most demanding conditions.



Lithium Intellicharger Battery Chargers

Designed for charging lithium-ion batteries, Intelli-charger is offered in 12- and 16-volt versions. Fully automatic battery chargers include LCD status indicators for voltage, amperage, state-of-charge, amp-hours charged, and time on-charge.



Part No.	Description
LPB1011	12-Volt Battery Charger, 17-Amp Charge Rate
LPB1008	16-Volt Battery Charger, 14-Amp Charge Rate
LPB1015	16-Volt Battery Charger, 25-Amp Charge Rate NEW!

Lithium Powerpack 16-Volt Battery and Battery Charger Combos

The cost-effective method of switching to lithium-ion batteries. Combo includes a Lithium Powerpack 16-volt battery and Intellicharger battery charger. Fully automatic charger produces 15 amps @ 18.4 volts, and includes LED status indicators for voltage, charge amperage, state-of-charge, amp-hours charged, and time of on-charge. The "L" series batteries include low-voltage MOSFET protection.



Combo Kit	Part No.	Description	Dimensions	Wt./lbs.	Max Amps	AH
	LPBP1625CK	L1600 16V	10.28"L x 6.75"W x 7.24"H	11.87	1200	23

Note: A charger for a 16-Volt lead-acid battery is not compatible with a 16-volt lithium battery. The set points and charging methods are different. A 16-volt lead acid charger WILL damage a 16-volt lithium battery regardless of who the manufacturer is.



Lithium Powerpack 12-Volt Battery LPBC680

Exceptionally lightweight, 12-volt Lithium Powerpack battery features world-class lithium-ion performance at an affordable price. "C" series battery is designed to be alternator compatible. Battery includes fast cell balancing for safety, long life, and maximum capacity. Requires 12-volt Intellicharger.



Part No.	Description	Dimensions	Weight	Max Amps	AH
LPBC680	C680 12V	7.16"L x 3.30"W x 6.57"H	4.63 lbs.	800	11

Lithium Powerpack 16-Volt Battery LPBT1600

Popular with Late Models or Modifieds, 16-volt Lithium Ion racing battery features plenty of reserve capacity for events of 100 laps or more. Powerpack battery has the same dimensions as a Group 34 unit, packs incredible power, and weighs just 10.5 lbs. Requires Lithium Intellicharger 16-Volt battery charger.



Part No.	Description	Dimensions	Weight	Max Amps	AH
LPBT1600	16-Volt Battery	10.24"L x 6.93"W x 7.2"H	10.5 lbs.	1600	20



Low-Strength Purple Threadlocker 222 NEW! LOC555339

Product is designed for low-strength thread locking of adjusting screws, countersunk head screws, and set screws. Threadlocker prevents loosening on components subject to vibration. Sold in 6 ml tube.

Medium-Strength Blue Threadlocker 242

All-purpose medium-strength blue threadlocker is well suited for bolt and nut applications from 1/4" to 3/4". Locks threads and seals, while preventing parts from loosening due to vibration. Disassembly may be performed using hand tools.

Part No.	Description
LOC487229	Threadlocker 242, 6 ml Tube
LOC492140	Threadlocker 242, 36 ml Bottle



Surface Insensitive/Medium-Strength Threadlocker 243

General-purpose, medium-strength blue threadlocker features improved oil tolerance, making it ideal for use with rocker studs, rocker adjuster nuts, etc. Designed for fasteners from 1/4" to 3/4". Disassembly may be performed using hand tools.

Part No.	Description
LOC1330799	Threadlocker 243, 6 ml Tube
LOC1330906	Threadlocker 243, 36 ml Bottle



Surface Insensitive/High-Strength Threadlocker 263 NEW!

Designed for the permanent locking and sealing of threaded fasteners, 263 is formulated to cure between close-fitting metal surfaces, preventing loosening from shock and vibration. Compatible with brass, copper, stainless steel, and plated surfaces.

Part No.	Description
LOC2203451	Threadlocker 263, 6 ml Tube
LOC2205310	Threadlocker 263, 36 ml Bottle



High-Strength Red Threadlocker 262

Permanent, high strength threadlocker is compatible with fasteners up to 3/4" prior to assembly. Secures parts that must endure heavy shock, vibration, or extreme chemical conditions. Localized heating may be required to separate parts.

Part No.	Description
LOC487231	Threadlocker 262, 6 ml Tube
LOC492141	Threadlocker 262, 36 ml Bottle



Heavy-Duty Red Threadlocker 271

Red Threadlocker 271 is engineered for heavy-duty fasteners up to 1", adding 3,000 PSI of holding power to slip or press fit components. Prevents loosening due to vibration, while eliminating the need for set screws and snap rings. Localized heating may be required to separate parts.

Part No.	Description
LOC487232	Threadlocker 271, 6 ml Tube
LOC492142	Threadlocker 271, 36 ml Bottle



Heavy-Duty Threadlocker 277 LOC555353

High-strength threadlocker is designed for locking 1" and larger bolts or studs including frame brackets, shock mounts, or suspension fasteners. Localized heating may be required to separate parts. Sold in a 36 ml bottle.



Penetrating Threadlocker 290

Green, low-viscosity threadlocking liquid that wicks along the threads of pre-assembled fasteners to secure them in place. Heat required for removal.

Part No.	Description
LOC487234	Threadlocker 290, 6 ml Tube
LOC492144	Threadlocker 290, 36 ml Bottle



Thread Treatment Stick Assortment Pack NEW! LOC576507

Conveniently packaged kit includes five different thread treatments. May be used effectively, whether upside down, right side up, or any angle in between. Includes LOC504466, LOC504467, LOC504468, LOC504469, and LOC37700.



Medium-Strength Blue Stick Threadlocker

Semi-solid threadlocker works just like traditional blue liquid. Well-suited for difficult repairs, as in overhead applications. Medium-strength, removable.

Part No.	Description
LOC506166	Blue Stick Threadlocker, 9 g
LOC504466	Blue Stick Threadlocker, 19 g





High-Strength Red Stick Threadlocker

High-strength semi-solid threadlocker. Where resistance to heavy shock, vibration, and stress is required. Heat required for removal.

Part No.	Description
LOC511537	Red Stick Threadlocker, 9 g
LOC511535	Red Stick Threadlocker, 19 g

Head Bolt and Water Jacket Sealant LOC1158514

Specialized sealant is a single component anaerobic hybrid product that lubricates fasteners during assembly and seals the gaps between the threads. Sealant locks bolts in place, preventing loosening, while acting as a lubricant to ease the removal of fasteners that penetrate water jackets. Sold in a 50ml tube.

High-Performance Thread Sealant NEW! LOC483629

Specifically formulated for metal, tapered metal pipe thread fittings thread sealant replaces most tapes and pipe dopes. Sealant cures rapidly with the ability to withstand 10,000 PSI. Sold in 1.69-oz. tube.

High-Temperature PST 592 Thread Sealant

Locks and seals threaded fittings, eliminating leakage and loosening. Thread sealant PST 592 won't shred or wear like tape and works with temperatures up to 400° F. Ideal for through-hole head bolts, oil sending units, rear axle fill plugs, etc.

Part No.	Description
LOC483631	PST 592 Thread Sealant, 6 ml Tube
LOC483630	PST 592 Thread Sealant, 50 ml Bottle

Thread Sealant PST® Stick - High-Performance LOC504467

Semi-solid pipe sealant. Immediate low-pressure sealing, eases disassembly, will not contaminate/clog lines. For tapered metal pipe threads/fittings.

Pneumatic/Hydraulic Thread Sealant 545 LOC492145

Specifically engineered for sealing high-pressure pneumatic or hydraulic systems such as brake, transmission, or hydraulic line fittings. Sealant uses no ingredients that could contaminate fluids, clog filters, or restrict valves. Controlled locking strength aids disassembly. Sold in 36 ml bottle.



Bearing Mount Stick LOC640482

Semi-solid bearing mount for bonding non-threaded, cylindrical metal assemblies.



Stik'N Seal NEW! LOC1252795

A neoprene-based adhesive and sealant that bonds to metal, rubber, plastic, weatherstrip and carpet. Multi-purpose product is oil and gas resistant, and offers an easy application. Sold in 30 ml tube.



Rearview Mirror Adhesive LOC487865

Bonds rear view mirror to windshield quickly and effectively.



Super Glue Control UltraGel NEW! LOC1363589

Product allows bonding items quickly, while maintaining resistance to impact, shock, vibration, and extreme temperatures. Specially-formulated, rubber-toughened adhesive offers time to align pieces, dries clear, and sets without the need for clamping. Sold in 4-gram bottle.



Quick Gel® Super Glue LOC636095

Gel formula super glue designed for fast, heavy-duty repairs to vertical surfaces. Works on porous and non-porous materials.



Quicktite® Super Glue Gel LOC636095

Gel formula super glue in a controlled dispense, clog-free package. Ideal for porous surfaces and vertical applications.



Large Gap Gel Adhesive NEW!

Ultra-fast 3092 gel adhesive is suitable for bonding plastic, rubber and porous materials with gaps of up to 2mm in depth. Sold in a 10gm syringe with (3) mixture nozzles.



Part No.	Description
LOC1807961	Large Gap Gel Adhesive
LOC1434516	Replacement Mixture Nozzles, 5-Pack

Locweld™ Bonding Compound LOC495540

A 15-minute, 2-part adhesive system that eliminates the need for welding or brazing. Can be drilled, sanded, painted, or filed. Resists automotive, shop, and cleaning fluids.





Epoxy Mixer Cups LOC494151

Convenient and pre-measured, epoxy mixer cups eliminate the associated mess, guess, and waste associated when mixing epoxy. Grey adhesive bonds glass, hard plastics, rubber, and metal, and has superior chemical resistance. May also be used to fill porosities and build-up worn parts. Includes (10) 0.12 oz. cups.



All Purpose Spray Adhesive **NEW!** LOC234933

Fast-drying spray adhesive bonds lightweight, porous and nonporous surfaces, while guarding against shrinking and bleeding. Resists water and humidity. Sold in 11-oz. aerosol can.



RTV Black Silicone

General-purpose, black indoor/outdoor sealant. Seals, bonds, repairs, and secures glass, metal, plastics, fabric, vinyl, weatherstripping, and vinyl wiring. Waterproof and flexible to 450°F. Resists oil, water, weather, vibration, and grease.

Part No.	Description
LOC491979	RTV Black Silicone, 80 ml Tube
LOC2093365	RTV Black Silicone, 190 ml Power Can
LOC495315	RTV Black Silicone, 300 ml Cartridge



Ready Gasket LOC494150

Make leakproof, blowout-resistant gaskets in just one minute. Specified on the production lines by GM, Ford, and Chrysler, elastomeric rubber gasket maker is sensor safe and outperforms pre-cut gaskets. Sold in a 5-oz. cartridge. Temperature range of -75°F to 450°F.



RTV Clear Silicone

General-purpose, clear indoor/outdoor sealant. Seals, bonds, repairs, and secures glass, metal, plastics, fabric, vinyl, weatherstripping, and vinyl wiring. Waterproof and flexible to 450°F. Not for use on copper, brass, or galvanized metals.

Part No.	Description
LOC491981	RTV Clear Silicone, 80 ml Tube
LOC495076	RTV Clear Silicone, 300 ml Cartridge



Hi-Tack Stick Gasket Dressing LOC640807

Similar in function to Hi-Tack Gasket Sealant liquid, but solvent free, less messy, and low odor. Wax-like stick quickly forms a very tacky film to seal and hold the heaviest gaskets in place. Resists all automotive fluids. Sold in 19-gram stick.



Anaerobic Gasket Makers

Flexible gasket material eliminates preformed, pre-cut paper, and cork gaskets. Ideal for water pumps, thermostat housings, transmissions pans, etc. Gasket Maker 515 is designed for rigid, machined surfaces with less than .015" gap, while the Gasket Maker 518 is for use on flanged mating surfaces with gaps up to .050". Sold in 50 ml tubes.

Part No.	Description
LOC555352	Gasket Maker 515, 50 ml Tube
LOC2096059	Gasket Maker 518, 50 ml Tube



Silicone Gasket Makers

High-performance, fast-curing formulas are non-corrosive, more flexible than cork/composite gaskets, and more oil-resistant than conventional silicones. Sold in 80 ml tubes, 300 ml cartridges, 8.75-oz. and 190 ml aerosol cans.

Description	Temperature Range	80 ml. Tube Part No.	300 ml. Cartridge Part No.	190 ml. Aerosol Can Part No.	8.75-oz. Aerosol Can Part No.
RTV 587 Blue	-75°F-500°F	LOC491983	—	LOC2093364	—
RTV 5699 Grey	-75°F-625°F	LOC491982	—	LOC2093363	—
RTV 598 Black	-75°F-625°F	LOC491985	LOC495074	—	—
RTV 5920 Copper	-75°F-700°F	LOC491984	—	—	LOC495075
RTV Sensor Safe Blue	-65°F-500°F	LOC491980	—	—	—
RTV Sensor Safe Red	-75°F-600°F	LOC492001	—	—	—



Weatherstrip Adhesives

Fast-drying, high-strength, waterproof adhesive for bonding automotive weatherstripping and moldings. Withstands temperature extremes. Resistant to fuels, oils, grease, and most solvents. 5-fl. oz. tube.



Part No.	Description
LOC495541	Black Weatherstrip Adhesive, 5-Fl. oz. Tube
LOC782111	Yellow Weatherstrip Adhesive, 5-Fl. oz. Tube

High-Flex Gasket Maker LOC555354

Anaerobic form-in-place gasket maker that fills gaps to 0.020" and cures to a tough solvent-resistant gasket that flexes with flange movement caused by vibration, pressurization, or thermal change. Temperature resistant to 350°F.



Copper Gasket Adhesive LOC502911

Quick-drying, copper sealant prevents gasket burnout, dissipates heat, and improves heat transfer. Fills surface imperfections and hot spots. Resists all automotive fluids and gasoline. Adhesive has a temperature range of -50°F to 500°F. Sold in a 9-oz. aerosol can.





Aviation Gasket Sealant

LOC1525607

Non-hardening brushtop gasket dressing resists gasoline, oil, and grease, and is designed for close-fitting machined surfaces, sealing hoses, and solid gaskets. Sold in a 16-oz. brushtop can.



Copper Anti-Seize Stick

LOC504468

Same performance as traditional Loctite® copper anti-seize paste in a semisolid stick form, offering more portability and less mess. Heat-resistant to 1,800°F.



Silver Anti-Seize Stick

LOC504469

Same performance as traditional Loctite® silver anti-seize paste in a semisolid stick form, offering more portability and less mess to 1,600°F.



Copper Anti-Seize Lubricant

LOC555336

Copper anti-seize and thread lubricant is used to prevent seizing, corrosion, and galling under high temperatures. Ideal for spark plug threads installed in aluminum heads, exhaust components, and bolts, etc. Sold in a 8-oz. brushtop can.



Dielectric Tune-Up Grease

Provide moisture-proof barrier that lubricates and protects electrical connections/wiring from salt, dirt, and corrosion. Extends life of bulb sockets. Prevents voltage leakage around electrical connections.

Part No.	Description
LOC495545	.33-oz Tube
LOC495549	.80-ml Tube



Heavy-Duty Rubberized Undercoating

A heavy-duty undercoating that seals, protects, and insulates. Rubberized for maximum durability. Sold in 16 oz. aerosol can.



Silver Anti-Seize Lubricant

LOC501000

A heavy-duty, temperature-resistant (to 1,600°F), petroleum-based lubricant compound fortified with graphite and metallic flakes. Will not evaporate or harden in extreme cold or heat. Use during assembly to prevent seizing, galling, and corrosion.



Computerscales XLi on a 7" Tablet

New Computerscales XLi offers true wireless convenience with absolutely no wires to trip over. Convenient, easy-to-use system features a full-color, high-resolution 7" or 10" tablet that is all set up and ready to use. From the pads directly to the tablet, system includes the ability to display all partial weights and percentages, memory with current weights, while wheel weights and car icon may be rotated as desired for best viewing. System is sold complete with 15" x 15" x 2-1/2" single- or dual-cell pads, 7" or 10" tablet and foam-lined silver storage case.



Part No.	Description
LON52-72715	Computerscales XLi, 7" Tablet, Single Cell Pads
LON52-72726	Computerscales XLi, 7" Tablet, Dual Cell Pads
LON52-72728	Computerscales XLi, 10" Tablet, Dual Cell Pads NEW!

DX2 Wired/Hybrid Semi-Pro Scales

LON52-72613

All-new hybrid system is a part wired/part wireless scale. Large, 7" color tablet displays all weights and partial percentages. Cables connect pads to controller, while tablet can be removed and used wirelessly. Built-in memory function allows storing the past ten weights and percentages. Sold complete with controller, cabling, 15" x 15", 1,500-lb. capacity, single-cell pads, and related hardware.



DX3 Wired/Hybrid Pro Scales

LON52-72617

Professional level DX3 scale system incorporates a Hybrid part wired/part wireless design. Huge, 10" full-color tablet shows all weights and partial percentages simultaneously, and can be removed from the controller and used wirelessly. System additionally allows on-screen note taking, displayed side-by-side with weights, and partial percentages that may be customized. Extensive memory functions allow storing up to 50 weights and percentages. Systems are sold complete with controller, 15" x 15" scale pads, cabling, and related hardware. Choose from systems with 1,500-lb. capacity single-cell or 1,800-lb. capacity dual-cell, low-deflection scale pads.



Part No.	Description
LON52-72617	1,500-lb. Capacity, Single Cell Pads
LON52-72653	1,800-lb. Capacity, Dual Cell Pads

AccuSet II Computerscales

New, improved AccuSet II Computerscales feature a slanted display for easier reading. Simple to setup and use; push a single button for all four wheel weights and cross weight, and push a second button for all partial percentages. Sold complete with satin finished LMF (Liquid Metal Forging) scale pads, heavy-duty red HiFlex cables with billet AN connectors, and heavy-duty silver carrying case. Covered by a 2-year limited warranty.



Part No.	Description
LON52-72582	12" x 12" Scale Pads, 1,100-lb. Capacity
LON52-72593	15" x 15" Scale Pads, 1,500-lb. Capacity
LON52-72663	15" x 15" Scale Pads, 3,500-lb. Capacity NEW!

Storage/Transport Box for Scale Pads **NEW!** LON52-72292

Storage box secures 15" scale pads, keeping them protected when not in use. May also be used to store radios and other delicate equipment. Heavy-duty, aluminum-framed case is 16" x 11-5/8" x 15" and has scuff-resistant sides.



Individual Scale Pad Levelers LON52-72900

Easily level a complete scale system in just minutes for an accurate set-up anywhere. Fits any Computer-scale pad. Set of four.



Billet Scale Pad Levelers LON52-72842

Billet T6 aluminum scale pad levelers offer superior rigidity, eliminating camber-induced chassis bind while helping provide the most accurate set-ups. System sets up quickly and disassembles easily for convenient storage or transportation. Includes billet levelers with one SideSlider for the left front.



Replacement Scale Pad Swivel Feet

Used on scale pads and roll-off levelers, swivel feet are offered in three versions. Sold per pair.



Part No.	Description
LON52-72890	Extended Length 1/2"-13 Screw-In Swivel Feet, 8" Long
LON52-72894	Standard Length 1/2"-13 Screw-In Swivel Feet, 4" Long
LON52-72896	Standard Length Pop-Out Swivel Feet, 4" Long

Aluminum Turn Plates LON52-79800

Check Ackermann and other steering-related settings with outstanding accuracy. Lightweight design reads to 1/2° and is free-floating in two directions for no bind. Can be zeroed with the car in place. Sold per pair. Use with LON52-79751 spacers.



Replacement Scale Charger LON52-72550

Replacement charger is for early scale systems that used rechargeable batteries. Charger is for 110-volt input and includes a 1/4" tip.



Economy SideSlider Single **NEW!** LON52-72870

Engineered to increase chassis scaling accuracy, SideSlider allows the front wheels to move sideways effortlessly, relieving any camber-induced bind that occurs when letting the wheels down onto the scale pads. Simply install SideSlider under the left front wheel and scale pad, which has the most camber change, and use the included (3) spacers to level the chassis.



Aluminum Scale Ramps **NEW!** LON52-72537

Formed aluminum, 36" long ramps allow eased entry onto low profile 2-1/2" scale pads. Significantly quicker than using a jack, ramps are sold as a set of four.



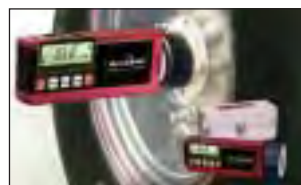
"3D" Ball Roller SideSliders **NEW!** LON52-72875

Deluxe "3D" Ball Roller SideSliders increase scaling and chassis set-up accuracy, even when wheels are turned. SideSliders move sideways, forward, backward, and also rotate. Supported by low-friction, polymer ball bearings, set includes (2) "3D" SideSliders and (2) spacers to level the chassis set-up. Must be used under scale pads.



Digital Caster/Camber Gauge

Accurate digital caster/camber gauge reads up to 1/10°, yet is affordable for any serious race team. The incorporated Accu-Level may also be removed and used as a separate angle finder. Offered separately, or with Super Magnetic Adapter, gauge is sold complete with metal carrying case.



Part No.	Description
LON52-78290	Digital Caster/Camber Gauge with Adapter NEW!
LON52-78291	Digital Caster/Camber Gauge

Caster/Camber Gauge

Assures accurate front end set-ups without having to use turn plates. Gauge measures camber to $\pm 6^\circ$ and caster to $+12^\circ$ to -4° . Gauge is accurate to within $1/4^\circ$. Includes foam-lined carrying case. Spindle adapters may be purchased separately.

Part No.	Description
LON52-78250	Gauge and Case Only - No Adapter
LON52-78260	Gauge, Case and Magnetic Adapter
LON52-78262	Gauge, Case and GM 3/4"-20 Adapter NEW!
LON52-78264	Gauge, Case and Wide 5 1-13/16"-16 Adapter NEW!

Adapters for Caster/Camber Gauge

LON52-78405	Wide 5 Spindle, Howe 5 x 5, 1-13/16"
LON52-78410	Factory GM, 3/4"-20
LON52-78412	Allison Legacy/Big Ford, 13/16"-20 NEW!
LON52-78414	Ford Pinto, 3/4"-16 Thread
LON52-78424	Replacement Magnetic Adapter
LON52-78445	Legend Cars, 19mm x 1.5 NEW!

Replacement Components

LON52-78240	Camber Vial, 0° - 6° Range NEW!
LON52-78242	Caster Vial, -4° - 12° Range NEW!
LON52-78244	Level Vial NEW!



Billet Caster/Camber Gauge

Precision CNC-machined from billet aluminum and laser engraved, Caster/Camber gauge features an expanded range. Unit measures camber to $+9^\circ$ and -9° and caster $+12^\circ$ to -4° . Glow-in-the-dark vials allow easy reading and the dead flat surface offers exceptional accuracy. Offered separately, or with magnetic adapter.

Part No.	Description
LON52-78272	Billet Caster/Camber Gauge with Magnetic Adapter NEW!
LON52-78273	Billet Caster/Camber Gauge



Digital Caster/Camber Gauge with QuickSet Wheel Adapter

Digital AccuLevel caster/camber gauge with QuickSet wheel adapter has special "feet" that adapt to wheel bead and center the gauge. Digital gauge reads to .1. Unit folds up for easy storage. Sold complete with a foam-lined silver storage case. Kits are available to fit 12"-17" steel or 13"-24" cast aluminum wheels.

Part No.	Description
LON52-78295	Digital Caster/Camber Gauge with QuickSet Adapter, for 12"-17" Steel Wheels
LON52-78298	Digital Caster/Camber Gauge with QuickSet Adapter, for 13"-24" Cast Alum. Wheels

Replacement/Accessory Components

LON52-78428	QuickSet Adapter Only, for 12"-17" Steel Wheels
LON52-78430	QuickSet Adapter Only, for 13"-24" Cast Alum. Wheels
LON52-78311	AccuLevel Digital Level Only, Includes Storage Case



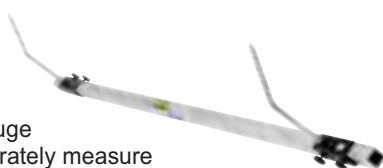
QuickToe Setting Tool **NEW!** LON52-79630

The quick and accurate method of setting toe. Compatible with 12" to 17" wheels, tool utilizes a magnet in one leg that secures it to steel wheel. Includes (2) fold-up fixtures, (2) tapes, and hard case.



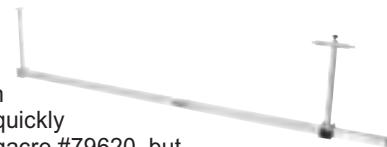
Toe-In Gauge LON52-79620

Used with the LON52-79510 Tire Scribe, this gauge allows one person to accurately measure toe to within $1/16"$. Adjusts up to 70" in width.



Toe-In Bar LON52-79622

One person can perform toe measurements more quickly and easily. Similar to Longacre #79620, but this new model requires no scribe line and measures to the outside of the tire. Slide the rod against the tire and measure toe to within $1/16"$. Toe-in bar is constructed from billet aluminum and features small wheels, allowing it to easily slide underneath the car. Adjusts to up to 88" in width for use on wide-track cars including Corvettes, etc.



Billet Aluminum Tire Scribe LON52-79610

Designed for use with LON52-79620 toe-in gauge, tire scribe makes a true running line on the face of the tire. Rigid, billet aluminum scribe is spring-loaded for easy, one-person use.



Tire Tape

Suitable for a wide variety of measuring, tire tapes are offered in two versions.

Part No.	Description
LON52-50870	Tire Tape, 1/4" Wide x 10' Long
LON52-50875	Tire Tape, 3/4" Wide x 16' Long NEW!



Plumb Bob Kit **NEW!** LON52-50820

Economical kit allows checking that rear end or chassis is square. Includes (2) plumb bobs and string.



Chassis Height Measurement Tool **NEW!**

Versatile tool may be used to accurately measure chassis height in three different methods; car directly on the ground, car on scale pads, or dynamically as work on the car is performed. Set of four allows viewing height at all four corners without having to bend over. Includes metric scale.

Part No.	Description
LON52-78320	Chassis Height Measurement Tool, Short 24" for Perimeter Frames
LON52-78325	Chassis Height Measurement Tool, Long 36" for Straight Rail Cars (On RH Side)



Laser Chassis Height Checker and Laser Level **NEW!**

Advanced laser height checker allows checking ride height while the car is on the scales or on a leveler. Includes easy to setup self-leveling beam laser, four easy-to-read targets, and a separate pad leveling target for leveling the scale pads, and establishing a "ground plane" to measure chassis height. Target range is 2"-6". Sold complete with a durable storage case.

Part No.	Description
LON52-72983	Laser Chassis Height Checker and Laser Level
LON52-72988	Replacement Target, 2"-6"
LON52-72989	Replacement Target, 2"-8"



Toe-In Plates LON52-79501

Rest plates against the tire on each side and use a tape measure. Two tape measures included.



Deluxe HD Toe-In Plates LON52-79505

Thick, heavy-duty toe plates provide increased accuracy, and include a higher kick-out on bottom, which hold the plate against the wheel better. Magnets on one plate holds measuring tapes in place and an incorporated pointer allows obtaining easy, accurate measurements. Sold per pair.



Mini Chassis Height Checker LON52-78318

A shortened, simplified version, Mini unit checks chassis height quickly and accurately. Simply push unit under car, raise the tape with the knob, pull it out and read the height. Unit is accurate to 1/16" and has a range of 2"-8".

Note: Unit does not measure height dynamically as you work, or if car is on scales. It must be removed to read chassis height.



Acculevel Basic Digital Level NEW! LON52-78310

Handy digital level allows quickly measuring suspension, spoiler angles, etc. Simple and easy to use, unit reads .1° +/- from 0°-90°.



Bump Steer Gauges

Simplified design with a single dial indicator that measures bump steer up to .001", eliminating the need to subtract one reading from another. Unit uses a 3/8" thick billet 6061-T6 aluminum precision plate with laser-engraved increments that mounts to a compact, rigid billet-and-tube design frame for the ultimate in accuracy. Sold complete with 3/8" thick billet wheel plate that fits 5 x 4-1/2", 5 x 4-3/4", and 5 x 5", most Wide 5, plus 4-, 5-, and 8-bolt drive flanges, adjustable stand and dial indicator. Choose from standard or digital version, which includes a digital dial indicator.



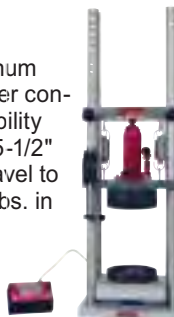
Part No.	Description
LON52-79005	Bump Steer Gauge
LON52-79015	Digital Bump Steer Gauge
Related Component	
LON52-79020	Billet Aluminum Bump Steer Plate Only, Fits Most Wheel Bolt Patterns NEW!
LON52-79121*	Wilwood Snap Cap Hub Mounting Stand Offs, Pair NEW!

* Adapts bump steer gauge to hubs without dust cover holes. Stand-offs screw onto 5/8" coarse wheel studs.

Coil Spring Tester LON52-73505

Coil spring tester combines a rigid billet aluminum frame with an electronic digital indicator to deliver consistent, precise spring tests. Unit includes the ability to accommodate coil or coil-over springs up to 5-1/2" O.D. and from 6" to 20" tall. Measures spring travel to as little as .001" and spring rates from 0-3,000 lbs. in 1-lb. increments.

Part No.	Description
LON52-73502	Optional Coil Spring Cups (2) for Testing 5" or 5-1/2" O.D. Springs, Includes Bolts NEW!



Hydraulic Bump Stop Spring Rater

Specialized spring rater allows rating bump stops, setting preload, and testing coil-overs or springs only. Spring rater is manufactured from rigid billet aluminum, and features a digital display with both force and travel readouts. Unloader attachment allows installing or removing very soft springs. Unit features a 3,500-lb. capacity in 1-lb. increments. Optional wheel kit eases transport.



Part No.	Description
LON52-73500	Bump Stop Spring Rater, 3500 lb. Capacity
LON52-73504	Optional Wheel Kit
LON52-73509	1" Shock Unload Collar
LON52-73503	Wheel Stand Kit for LON52-73500, Raises Unit Up Off Floor 20" NEW!

5-Gallon Deluxe Lightweight Air Tanks

Ultra-lightweight, 0-60 PSI aluminum air tanks are easy to transport and include a special inlet valve allowing tank to be filled in less than 15 seconds using the included air quick-change coupler. Tank is also available with a deluxe quick-fill tire gauge with angle chuck for easy tire filling.



Part No.	Description
LON52-50315	Deluxe Lightweight Air Tank, Includes Quick-Fill Tire Gauge
LON52-50316	Deluxe Lightweight Air Tank Only NEW!

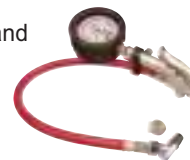
Liquid-Filled Quick-Fill Tire Pressure Gauge NEW! LON52-52008

Precision gauge allows filling tires twice as fast as other air pressure gauges. Pressure may be read without removing air chuck, while the built-in tire bleed button allows releasing excess air pressure. Gauge features a 2-1/2" dia. liquid-filled, glow-in-the-dark dial face, 17" long hose with angle chuck, and an included ball chuck.



Deluxe Quick-Fill Tire Pressure Gauge LON52-52009

Simply connect to air line, press the lever and fill tires twice as fast as conventional tire fill gauges. Deluxe 0-60 PSI gauge features a large, 2-1/2" diameter dial face, and bleed button to release excess pressure.



Quick-Fill Digital Tire Pressure Gauge LON52-53008

Fill tires quickly with the quick fill digital tire pressure gauge. Gauge connects directly to air line, features a 0-60 PSI range, and reads to .1 PSI. Sold complete with angle and ball chuck, and a foam-lined silver storage case.



Pro Precision Tire Gauge NEW! LON52-52000

The choice of professional race teams, gauge utilizes a large, 4-1/2" glow-in-the-dark dial face with 0-60 PSI pressure range in 1/2 lb. increments. Includes a 17" hose with dual air pressure release buttons, installed swivel angle chuck, and alternate ball chuck included. Sold complete with hard storage case.



Basic Tire Pressure Gauges

Basic economically-priced tire pressure gauge uses an internal gauge damper to deliver accurate readings and extended durability. Each gauge features a 2" diameter dial face, air pressure release button, 14" long hose, and swivel chuck.

Part No.	Description
LON52-52034	0-15 PSI
LON52-52024	0-30 PSI
LON52-52004	0-60 PSI

Replacement Tire Gauge Lens LON52-50497

Replacement glass lens for tire pressure gauges with 2" dial face.



Deluxe Tire Pressure Gauges

Deluxe gauges incorporate large, 2-1/2" diameter glow-in-the-dark dial faces for quick, easy gauge reading. An internal gauge damper helps provide accurate, consistent readings. Each gauge includes high-flow air release button and 17" long, ultra-flexible hose with swivel chuck.

Part No.	Description
LON52-52033	0-15 PSI, Dual Bleed
LON52-52023	0-30 PSI
LON52-52013	0-40 PSI
LON52-52003	0-60 PSI
LON52-52053	0-100 PSI, Angle Chuck
LON52-52063	0-100 PSI, with "Foot" Valve for Dual Wheels



Liquid-Filled Tire Pressure Gauges

A liquid-filled tire pressure gauge that is accurate, regardless of temperature. Incorporates a pressure equalizer knob, which is set prior to use to ensure accuracy. Gauges feature 2-1/2" diameter, glow-in-the-dark dial faces, 17" long hoses, and swivel chucks.

Part No.	Description
LON52-52032	0-15 PSI
LON52-52022	0-30 PSI
LON52-52012	0-45 PSI
LON52-52002	0-60 PSI



Magnum Tire Pressure Gauges

Huge 3-1/2" diameter glow-in-the-dark dial face for easy reading. An internal gauge damper helps provide accurate, consistent readings. Packed in a foam-lined silver case, gauge includes dual, high-flow release buttons and 17" long hose with swivel chuck.

Part No.	Description
LON52-52031	0-15 PSI
LON52-52021	0-30 PSI
LON52-52011	0-40 PSI
LON52-52001	0-60 PSI



Basic Digital Tire Pressure Gauges

Affordable, accurate gauge provides easy-to-read, digital tire pressure readings. Reads to .2 PSI with .8% accuracy. Features a 2" diameter face with large numbers, air release button, and high-flex hose.

Part No.	Description
LON52-53006	0-60 PSI
LON52-53036	0-100 PSI



Semi-Pro Digital Tire Pressure Gauge LON52-53003

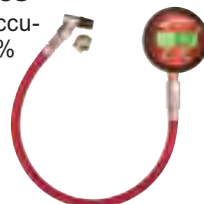
Precision digital tire pressure gauge reads 0-60 PSI in .1 increments with up to .5% accuracy. Gauge includes a 2-1/2" backlit dial face, air release button, high-flex hose, and swivel chuck.



Pro Digital Tire Pressure Gauges

Top-of-the-line gauges combine superior accuracy and exceptional readability. Reads to .3% accuracy with a wide temperature operating range. Auto-Off feature helps extend battery life. Fitted with rubber gauge bumper, 17" long hose, and swivel chuck. Sold in a foam-lined silver storage case.

Part No.	Description
LON52-53000	0-60 PSI, with Angle and Ball Chuck
LON52-53010	0-25 PSI, with Dual Bleed Buttons
LON52-53028	0-125 PSI, with Angle and Ball Chuck



Ultimate Digital Tire Pressure Gauge NEW! LON52-53053

Precision, 3-1/2" dia. digital readout tire pressure gauge reads 0-100 PSI in .1 increments with .1% accuracy. Gauge also functions as a tire pyrometer, displaying 12 tire temperatures. Sold complete with silver case.



Temperature-Compensating Tire Pressure Gauge LON52-53050

Professional-style gauge corrects tire pressures back to a standard temperature, displaying what the pressure would be if the tire was actually at that temperature. Digital gauge reads 0-100 PSI in .1 increments with .1% accuracy. Gauge also functions as a traditional tire pressure gauge and includes the ability to act as a tire pyrometer, displaying 12 tire temperatures. Sold complete with silver case.



Angle Tire Gauge Chuck LON52-50496

Compact, angle chuck may be used with any tire gauge using a 1/4" hose.



High Temp Valve Stem Quick-Change Valve Stem Grommets

Silicon grommets can withstand up to 400°F. Sold in four packs.

Part No.	Description
LON52-50301*	Valve Stem Quick-Change Grommets
LON52-50008	Replacement Tire Relief O-Rings and Quad Seals (4)

* Not for use with LON52-50265 low profile brass valve stems.



Low-Profile Valve Stems LON52-50265

Low-profile brass valve stems are complete with high-temperature grommets. Pack of four.



Tire Relief Kit LON52-50100

Pro-Team Tire Relief Kit has 12 sealing adapters, six relief valves with covers, setting tool, inflation adapter, and carrying case.



Tire Reliefs

Tire reliefs relieve heat-caused pressure build-up during a race, preventing critical changes in stagger and weight distribution. Will not affect wheel balance. Sets of four.



Part No.	Description
LON52-50000	Adjustable Tire Relief 3-40 PSI
LON52-50240	Quick-Change Adapter
LON52-50290	Tire Relief Setting Tool

Tire Relief Inflation Adapter NEW! LON52-50220

Used to air up tires when a Tire Relief quick change adapter is installed in the valve stem hole.



Valve Core Tools

Replace valve cores quickly. Deluxe aluminum tool stores valve cores in the handle (three cores included). Compact tool may be attached to a key chain.



Part No.	Description
LON52-50270	Deluxe Valve Core Tool
LON52-50272	Compact Valve Core Tool
LON52-50274	4-Way Valve Core Repair Tool NEW!

Basic Durometer LON52-50553

Economical durometer checks race tire hardness from 0-100 points. Dial may be zeroed for accuracy. Sold in red plastic storage case.



Deluxe Durometer LON52-50546

Deluxe durometer includes a new design and is engineered to be more accurate. Dial-style unit features a straight edge on base to "rock" durometer for increased accuracy, has a non-slip coating for better grip, and reads from 0-100 points. Sold complete with calibration test block, pouch, and a foam-lined silver storage case.



Digital Durometer LON52-50547

Easy-to-use and easy-to-read tire durometer measures tire hardness, featuring a digital read-out. Tester uses a straight edge on base to "rock" durometer for more consistent results, while the non-slip coating offers an improved grip. Accurate up to .5 (Shore "A" scale). Sold complete with silver storage case.



Digital Tread Depth Gauge NEW! LON52-50565

Digital gauge is accurate to .001". Quick and easy to use, gauge features a precision, billet aluminum base. Sold in a hard storage case.



Tread Depth Gauge LON52-50560

Easy to read and easy to use, tread depth gauge reads in 1/32" increments, and is accurate to .010". Sold with storage pouch.



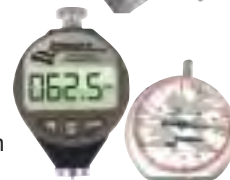
Deluxe Durometer and Tread Depth Gauge Set LON52-50556

Tire management set includes LON52-50546 deluxe durometer and LON52-50560 tread depth gauge. Sold complete with silver case



Digital Durometer and Tread Depth Gauge Set LON52-50557

Set includes LON52-50547 digital durometer and LON52-50560 tread depth gauge. Sold complete with silver case.



Infrared Laser Pyrometers

Laser-sighted pyrometer delivers instant response and non-contact temperatures. Choose from units that measure up to 600°F or 1,400°F.



Part No.	Description
LON52-50612	Infrared Laser Pyrometer, up to 600°F
LON52-50615	Infrared Laser Pyrometer, up to 1,400°F

Dual-Function Infrared Laser Pyrometer with Probe **NEW!** LON52-50620

Dual-function unit operates as a probe-type or non-contact infrared laser pyrometer, delivering fast, accurate response in either mode. Tire probe has a range up to 500°F., while infrared function can monitor temperatures up to 1,400°F. Sold complete with standard tire probe and hard case.



Deluxe Digital Pyrometer LON52-50640

Performs instant temperature readings from 0-2,000°F and holds the highest temperature attained. Compare temperatures with the press of a button. Includes foam-lined case.



Memory Tire Pyrometers

Longacre standard and deluxe pyrometers record and display 12 tire temperatures at the same time and store 10 complete sets of temperatures with recall. Deluxe version will compute average tire temperatures for each tire, and features a backlit display with automatic shut-off and a 4-car, 75-lap memory stopwatch. The deluxe pyrometer can start recording tire temperatures at any corner. The standard unit must start at the right front tire.



Part No.	Description
LON52-50682	Standard Pyrometer
LON52-50690	Deluxe Pyrometer

Memory Tire Pyrometer with Tablet **NEW!**

Memory tire pyrometer, complete with 7" Android tablet, allows close monitoring, recording, and documenting of tire temperatures. Tablet features a high-resolution screen, stores up to 99 sets of temperatures, allows scrolling up or down to compare current temperatures, and calculates averages for any selected temperature set including all four tires, left side, right side, or front and rear. Unit additionally allows memory locations and note taking. Sold complete with wireless adjustable tip probe, screen protector and charger. May also be purchased less tablet.



Part No.	Description
LON52-50650	Memory Tire Pyrometer with 7" Tablet
LON52-50745*	Memory Tire Pyrometer Less Tablet

*Designed for use with 7" Android tablet.

Replacement Tire Probes **NEW!**

Replacement tire probes with coil cords fit all current Longacre pyrometers.



Part No.	Description
LON52-50730	Replacement Tire Probe
LON52-50750	Replacement Adjustable Depth Tire Probe

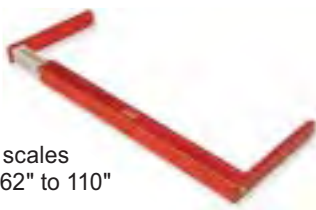
Roller Stagger Gauge LON52-50846

Stagger gauge incorporates a single roller to allow easier, more accurate measurements. Manufactured from rigid, 3/8" thick billet T6 aluminum, stagger gauge includes two scales, which allow it to be used on the car or on the ground.



Economy Billet Aluminum Stagger Gauge **NEW!** LON52-50840

Affordable stagger gauge is constructed using thick, 3/8" T6 billet aluminum tubing for superior rigidity, held to tight tolerances for maximum accuracy. Unit includes scales on two sides, and measures from 62" to 110" in 1/8" increments.



Two-Car Stopwatch Clipboard **NEW!** LON52-22321

Lightweight, powder-coated aluminum clipboard is complete with two Robic SC606W stopwatches. Stopwatches allow clocking every lap, counting laps up to 999, and with a 50-lap memory. Includes professional, color lap charts with practice times on back.



Tire Roller with Tape **NEW!** LON52-50853

Multiple function tire roller may be used to check stagger easily and accurately, while also functioning as a means to clean or groove tires, or check tires for leaks, damage and condition. Includes 10' stagger tape.



Digital Air Density Gauge LON52-50887

Advanced electronic gauge displays air density in easy-to-read digital format. Red LED light flashes when air density has changed, alerting crew that a jet change should be performed. Gauge also displays current temperature and barometric pressure. Sold complete with foam-lined silver storage case.



Race Car Covers

Heat-reflective silver covers are cut to fit race cars. Soft liner won't scratch paint. Zippered window offers access without cover removal.



Part No.	Description
LON52-11150	Pavement Late Model
LON52-11152	Dirt Late Model
LON52-11154	Open Wheel Modified
LON52-11156	Cockpit Cover

Chassis Sheets LON52-22528

Two-sided sheets are punched for a 3-ring binder. Comes with a pad of 50 sheets.



AccuTech™

Sportsman Gauges

Economical, steel-cased gauges have CNC-machined brass gears, industry standard mechanisms, and viscous pointers for accurate readings. Back lighting kit and fittings are included.



Part No.	Description
LON52-46506	Fuel Pressure, 0-15 PSI
LON52-46511	Oil Pressure, 0-100 PSI
LON52-46516	Water Temperature, 100°-280°F
LON52-46521	Oil Temperature, 100°-340°F

Sportsman Gauge Panels

Longacre panels are completely assembled, wired, and ready for quick installation in any race car. Available with Accutech Sportsman 2-5/8" diameter gauges, lightweight panels are up to 40% lighter than standard gauge panels. Includes warning lights.



Part No.	Description
LON52-44430	2-Gauge Panel, Oil Press./Water Temp.
LON52-44431	3-Gauge Panel, Oil Press./Water Temp./Oil Temp.
LON52-44433	3-Gauge Panel, Oil Press./Water Temp./Fuel Press.
LON52-44435	4-Gauge Panel, Oil Press./Water Temp./Oil Temp./Fuel Press.

Sportsman Gauge Panels with Memory Tachometer

A ready-to-install gauge panel, complete with Accutech SMi memory tachometer. Lightweight black anodized aluminum panel is fitted with aluminum-cased 2-5/8" diameter gauges and 0-10,000 RPM memory tachometer. Sold complete with warning lights and necessary senders.



Part No.	Description
LON52-44440	Tachometer and 2-Gauge Panel, Oil Press./Water Temp.
LON52-44441	Tachometer and 3-Gauge Panel, Oil Press./Water Temp./Oil Temp.
LON52-44443	Tachometer and 3-Gauge Panel, Oil Press./Water Temp./Fuel Press.
LON52-44445	Tachometer and 4-Gauge Panel, Oil Press./Water Temp./Oil Temp./Fuel Press.

Replacement Gauge Panel Warning Light Lenses

Part No.	Description
LON52-41801	Clear
LON52-41802	Red
LON52-41803	Amber
LON52-41804	Green
LON52-41805	Blue



LON52-41801

Oil Temperature Sender LON52-43000

Sender, which includes a 3/8" NPT probe end, illuminates warning light at 300°.



Water Temperature Gauge Fitting LON52-46150

Hard-to-find brass, 1/2" NPT manifold fitting required for mechanical water temperature gauges.



Oil/Fuel Pressure Lines

-4AN braided stainless steel with ends installed will connect oil or fuel pressure gauge to engine. Includes 1/8" NPT fitting to -4AN adapter.

Part No.	Description
LON52-45020	24" Gauge Line
LON52-45030	36" Gauge Line
LON52-45040	48" Gauge Line



LON52-45020

SMi Elite Waterproof Gauge Panels **NEW!**

Next generation, 2-5/8" dia. gauges offer precise measurements while including the ability to resist vibration, heat and moisture. Gauges feature LED backlit numbers and illuminated pointers with customizable set warnings, and backlit color changes. Choose from panels with or without 2-5/8" dia. tachometer. Panels are completely wired, ready for installation, and sold with necessary sensors. Gauges may also be purchased separately.



Part No.	Description
LON52-44560	SMi Elite 2-Gauge Panel, Oil Press./Water Temp.
LON52-44561	SMi Elite 3-Gauge Panel, Oil Press./Water Temp./Oil Temp.
LON52-44562	SMi Elite 3-Gauge Panel, Oil Press./Water Temp./Fuel Press.
LON52-44566	SMi Elite 4-Gauge Panel, Oil Press./Water Temp./Oil Temp./Fuel Press.
LON52-44572	SMi Elite 2-Gauge Panel, Oil Press./Water Temp., with Tachometer
LON52-44573	SMi Elite 3-Gauge Panel, Oil Press./Water Temp./Oil Temp., with Tachometer
LON52-44574	SMi Elite 3-Gauge Panel, Oil Press./Water Temp./Fuel Press., with Tachometer
LON52-44577	SMi Elite 4-Gauge Panel, Oil Press./Water Temp./Oil Temp./Fuel Press., with Tachometer

Related Components

LON52-46741	SMi Elite Oil Pressure Gauge, 0-120 PSI
LON52-46742	SMi Elite Fuel Pressure Gauge, 0-15 PSI
LON52-46743	SMi Elite Fuel Pressure Gauge, 0-100 PSI
LON52-46744	SMi Elite Water Temperature Gauge, 100-280°F
LON52-46745	SMi Elite Oil Temperature Gauge, 100-340°F
LON52-46746	SMi Elite Voltmeter, 8-18 Volts
LON52-46747	SMi Elite Tachometer, 0-10,000 RPM
LON52-46748	SMi Elite Water Pressure Gauge, 0-60 PSI

Pressure Sensor Mounts for SMi Waterproof Gauges **NEW!**

Billet aluminum mounts, engineered for use with SMi waterproof gauges, may be installed on the firewall, isolating temperature or pressure sensors from harmful engine vibration and heat.



Part No.	Description
LON52-43540	Pressure Sensor Mount, 1 Port
LON52-43541	Pressure Sensor Mount, 2 Port
LON52-43542	Pressure Sensor Mount, 3 Port

Digital Elite Waterproof Gauge Panels **NEW!**

The Digital Elite gauges are unsurpassed in waterproof sealing, and exceptionally resistant to vibration, heat and moisture. Precision, 2-5/8" dia. gauges utilize LED digital numbers and illuminated dial lights, and may be custom set to desired warning settings. Panels are completely wired, ready for installation, and sold with necessary sensors. Gauges may also be purchased separately.



Part No.	Description
LON52-44660	Digital Elite 2-Gauge Panel, Oil Press./Water Temp.
LON52-44661	Digital Elite 3-Gauge Panel, Oil Press./Water Temp./Oil Temp.
LON52-44662	Digital Elite 3-Gauge Panel, Oil Press./Water Temp./Fuel Press.
LON52-44666	Digital Elite 4-Gauge Panel, Oil Press./Water Temp./Oil Temp./Fuel Press.

Related Components

LON52-46857	Digital Elite Oil Pressure Gauge, 0-120 PSI
LON52-46858	Digital Elite Fuel Pressure Gauge, 0-15 PSI
LON52-46860	Digital Elite Water Temperature Gauge, 100-280°F
LON52-46861	Digital Elite Oil Temperature Gauge, 100-340°F
LON52-46862	Digital Elite Voltmeter, 8-18 Volts
LON52-46863	Digital Elite Tachometer
LON52-46864	Digital Elite Water Pressure Gauge, 0-60 PSI

Stepper Motor Gauge Sensors

Engineered for use with stepper motor gauges, sensors are offered individually for replacement or for installation in spare engines.

Part No.	Description
LON52-43500	Water or Oil Temperature, 100°-280°F
LON52-43505	Water or Oil Temperature, 100°-340°F
LON52-43510	Fuel Pressure, 0-15 PSI
LON52-43520	Oil or Fuel Pressure, 0-100 PSI
LON52-43530	Pressure Sensor Wire
LON52-43532	Pressure Sensor Wire Harness, 0-15 PSI
LON52-43534	Pressure Sensor Wire Harness, 0-100 PSI
LON52-43536	Temperature Sensor Wire Harness



Silver Face Stepper Motor 10,000 RPM Memory Tachometer LON52-44381

Stepper motor design offers improved accuracy over traditional "air core" designs. Tach includes an easy-to-read LED backlit face, and the two-stage high-RPM warning light is essential in helping to protect expensive race engines.



Accutech SMi 4-1/2" Stepper Motor Memory Tachometer

Accutech 4-1/2" diameter tachometer incorporates advanced, stepper motor technology for improved accuracy. LED-illuminated backlit design helps deliver improved readability. Tachometer includes maximum RPM recall memory features a two-stage, high RPM warning light. Offered with or without mounting panel.



Part No.	Description
LON52-44477	Accutech Tachometer, with 5" x 5.47" Mounting Panel
LON52-44384	Accutech Tachometer NEW!

Digital Memory Tachometers

Extremely accurate digital tachometers have high-RPM warning light and easy recall function. Weigh only 1-1/2 ozs.



Part No.	Description
LON52-44391	0-10,000 RPM Tachometer
LON52-44402	0-19,000 RPM Tachometer, Ideal for Quarter Midgets

Data-Logging Stepper Motor 10,000 RPM Tachometer

Data-logging, 3-3/4" diameter tachometer can record engine RPM's throughout an entire race, for later replay and review in the pits. Tachometer can replay at real time, 1/3, or double speed, while a digital timer allows viewing where the car was on the track at the particular time. Compact, lightweight and easy to use, tachometer is LED-backlit with an illuminated pointer for exceptional readability. Will work on most non-magneto ignition systems, 4-, 6-, or 8-cylinder. Tach is offered separately, or complete with molded carbon fiber panel.



Part No.	Description
LON52-44390	Data Logging Tachometer Only
LON52-44479	Data Logging Tachometer with Panel

Tachometer "Shock Ring" Mounting Bracket LON52-44411

Required when tachometer is mounted to steering column or roll cage.



Gagelites Engine Warning Light Systems

Bright indicator light warns of problems, helping to save expensive engine parts. Kits include sender, light, wire, terminals, and fittings.



Sender Part No.	Kit Part No.	Description	Pipe Thread Size
LON52-43080	LON52-40000	20 PSI Low Oil Press.	1/8" NPT
LON52-43000	LON52-40100	15-50 PSI Adj. Oil Press.	1/8" NPT
LON52-43241	LON52-40141	Low Water Press.	1/8", 1/4" NPT
LON52-43250	LON52-40150	230°F High Water Temp.	1/2" NPT
LON52-43252	LON52-40152	230°F High Water Temp.	3/8" NPT
LON52-43300	—	250°F High Water Temp.	1/2" NPT
LON52-43350	LON52-40350	270°F High Oil Temp.	1/2" NPT
LON52-43020	LON52-40250	2-7 PSI Adj. Low Fuel Press.	1/8" NPT
LON52-43021	—	4 PSI Low Fuel Press.	1/8" NPT

Low Oil Pressure Ignition Shut-Off Switch LON52-43600

If oil pressure drops below 12 PSI, ignition shuts down and engine cannot start until pressure is back up. Prevents engine damage. Use with momentary toggle switch LON52-45462.



Heavy-Duty 12-Ga. Wiring Harness LON52-44930

Wire a race car in less than 10 minutes! Plugs into any Longacre switch panel. Has all the basic color-coded connections: power in, start, ignition, accessory (night lights, etc.). Ready to install. Wiring color code also matches Longacre dash panels for a professional looking job.



HD Electrical Wire **NEW!**

High temperature, silicone insulated wire helps provide safe, clean electrical system wiring. Sold in 15' long roll.

Part No.	Description
LON52-44956	16-Gauge Wire, Red
LON52-44957	16-Gauge Wire, Black
LON52-44958	16-Gauge Wire, Orange
LON52-44959	16-Gauge Wire, Yellow



Hot Lap GPS-Triggered in-Car Timer LON52-21730

In-car timing system delivers lap times instantly on a 3" backlit graphic display, allowing the driver to quickly find the best line around the track. GPS-triggered unit provides precise, accurate readings, eliminating the need to install IR beacons beside the track. Record up to 200 laps, while displaying the best lap and elapsed time differences between the last and best laps. Use track mapping function to divide track into timed segments to see where the car is fast or needs improvement.



Switch Panels

Switch panels are assembled and wired using the same color code as Longacre gauge panels for an easy-to-understand, professional installation.

Panels are fitted with heavy-duty 12-volt, 40-amp ignition switches, HD start buttons, high-capacity wire, and heat-shrunk terminals. Choose from lightweight black anodized aluminum or real carbon fiber panels.



LON52-44865

Part No.	Description
Black Anodized Aluminum Switch Panels	
LON52-44861	Ignition Switch and Starter Button
LON52-44863	Ignition Switch with Flip Cover, Starter Button, and Pilot Lights
LON52-44865	Ignition Switch, Starter Button, Pilot Lights, and Four Accessories
LON52-44866	Ignition Switch, Starter Button, Pilot Lights, and Single Accessory
LON52-44867	Ignition Switch with Flip Cover, Starter Button, Pilot Lights, and Two Accessories
LON52-44869	Ignition Switch with Flip Cover, Starter Button, Pilot Lights, and Four Accessories
LON52-44871	Ignition Switch with Flip Cover, Starter Button, Pilot Lights, and Master Disconnect
Carbon Fiber Switch Panel	
LON52-44535	Ignition Switch with Flip Cover, Starter Button, Pilot Lights and Two Accessories

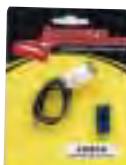
Weatherproof Switch Cover **NEW!** LON52-45300

Prevents moisture, dirt or contaminants from penetrating toggle switch.



Switch Panel Replacement Pilot Light **NEW!** LON52-42300

Replacement, red pilot light includes necessary connectors.



Universal Switch Panel Mounts **NEW!**

Brackets fit current Longacre black and carbon fiber switch panels, and provide convenient bolt-on mounting directly to roll cage tubing. Lightweight aluminum brackets are sold per pair.



Part No.	Description
LON52-22783	Switch Panel Mount, for 1-3/4" Dia. Tubing
LON52-22787	Switch Panel Mount, for 1-1/2" Dia. Tubing

Heavy-Duty 40-Amp Switches

Switches have silver-plated contacts, solid brass mechanisms, and tough phenolic bodies. Choose from standard or weatherproof switches. Weatherproof switches are built to hold up to the rigors of dirt oval track applications.



LON52-45470

Description	Standard Part No.	Weatherproof Part No.
Ignition Switch with Weatherproof Switch Cover (or Mag Kill Switch)	LON52-45420	LON52-45423
Ignition Switch, Three Terminals	LON52-45430	—
Starter Button with Weatherproof Rubber Cover	LON52-45460	LON52-45466
Starter Switch, Momentary Toggle with Weatherproof Switch Cover	LON52-45462	—
Ignition Switch with Aircraft Safety Switch Cover (or Mag Kill Switch)	LON52-45470	—
Ignition/Start Combination with Aircraft Safety Switch Cover	LON52-45490	—
Aircraft Safety Switch Cover Only	LON52-45370	—

Heavy-Duty Starter Solenoid LON52-45900

High-capacity, heavy-duty metal-cased solenoid.



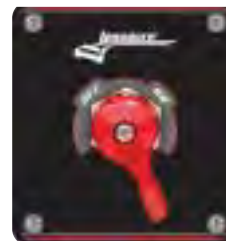
Battery Disconnect Switches and Accessories



LON52-45748



LON52-45750



LON52-45760

A positive method to shut down a race car's electrical system. Standard switches or polyurethane-coated weatherproof switches designed for the rigors of dirt oval track applications, including exposure to dirt, moisture, and the elements. Mandated by NASCAR, SCCA, and many other sanctioning bodies.

Part No.	Description
LON52-45748	Economy Battery Disconnect Switch
LON52-45749	Battery Disconnect Switch Only, Push-Pull, Two Terminal
LON52-45750	Battery Disconnect Switch Only, Cars without Alternator
LON52-45753	Battery Disconnect Switch Only, Cars without Alternator, Weatherproof
LON52-45760	Battery Disconnect Switch and Panel, Cars without Alternator
LON52-45780	Battery Disconnect Switch Only, Cars with Alternator
LON52-45783	Battery Disconnect Switch and Panel, High Capacity, Cars with Alternator
LON52-45784	Battery Disconnect Switch and Panel, Cars with Alternator
LON52-45789	Battery Disconnect Switch Only, Weatherproof/High Capacity, Cars with Alternator NEW!
LON52-45792	Battery Disconnect Switch and Panel, Weatherproof, Cars with Alternator NEW!
Related Accessories	
LON52-45660	Battery Cable Ends, Pair NEW!
LON52-45700	Battery Through Panel, Allows Running Battery Cable Through Firewall
LON52-45720	Battery Jumper Post, Positive with Red Cover
LON52-45740	Battery Jumper Post, Negative with Black Cover

Rear Battery Cable Kit **NEW!** LON52-48000

Ideal for application where the battery is installed behind the driver, ready to install kit includes 10' of high amperage, 84-strand #2 battery cable complete with soldered and terminated end terminals. Kit is complete with Firebraided insulation, Adel clamps, wire ties and firewall grommet.



110V Flange Mount Connection **NEW!** LON52-45662

Eases the connection of engine oil heaters.



Brake Balance Gauge Panels

Gauge panels include 0-1,500 PSI brake pressure gauges with bleeders that are installed into a lightweight, black anodized aluminum panel.

Part No.	Description
LON52-44124	Mini Brake Balance Gauge Panel, 1-1/2" Gauges, 4" x 3-5/8" Panel
LON52-44134	Brake Balance Gauge Panel, 2-1/2" Gauges, 7" x 3-5/8" Panel NEW!



Brake Pressure Kits

Check front-to-rear brake pressures and set brake bias for best performance. Kit includes two pressure gauges in a foam-lined silver case.



Part No.	Description
LON52-44145	Brake Pressure Kit, 1/4"-28
LON52-44147	Brake Pressure Kit, 10mm-1.5 (GM Metric) NEW!

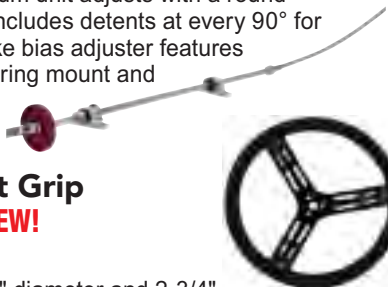
Billet Aluminum Brake Balance Adjuster **NEW! LON52-44108**

Precision, billet aluminum brake balance adjuster allows easy, yet precise adjustments with detents every 90°. Perform adjustments with round knob or with handle that is easily removed. Includes a heavy duty, braided flex 3/8"-24 connector that won't "wrap-up".



Deluxe Billet Aluminum Brake Bias Adjuster **LON52-44109**

Lightweight billet aluminum unit adjusts with a round knob or with handle and includes detents at every 90° for precise adjustments. Brake bias adjuster features a frictionless polymer bearing mount and 7/16"-20 connector that attaches to bias bar.



15" Aluminum Fat Grip Steering Wheel **NEW! LON52-56809**

Steering wheel has a 15" diameter and 2-3/4" dish depth, and incorporates a thicker rim for improved grip and reduced wrist strain.



Suede Dished 15" Steering Wheel **LON52-56797**

Professional-style, 15" steering wheel is manufactured from lightweight aluminum and features a suede-wrapped rim for superior grip and comfort. Steering wheel includes a 2-1/2" dish, black anodized center and 3 x 1-3/4" bolt circle.



Smooth Grip Steering Wheels

Longacre offers a variety of aluminum- or steel-spoked steering wheels with smooth black, blue, or red grips.

Part No.	Description
Aluminum Spoked Steering Wheels	
LON52-56801	15" Black Steering Wheel
LON52-56803	15" Blue Steering Wheel
LON52-56811	17" Black Steering Wheel
LON52-56830	13" Black Steering Wheel
Steel Spoked Steering Wheels	
LON52-56841	15" Black Steering Wheel
LON52-56851	17" Black Steering Wheel



LON52-56801



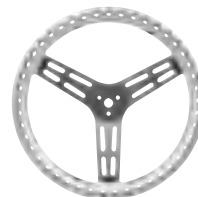
Bump Grip Steering Wheels

Black steering wheels, with 2-3/4" dish design, feature lightweight aluminum spokes and bump-grip design.

Part No.	Description
LON52-56820	15" Steering Wheel, Black Anodized Spokes
LON52-56825	17" Steering Wheel, Natural Anodized Spokes NEW!

Ultra-Lightweight Uncoated Aluminum Steering Wheels

Approximately half the weight of standard wheels, aluminum steering wheels feature drilled and shot peened rims for improved grip. Offered with flat or 2-1/2" dish depth.



Part No.	Description
LON52-56833	14" Black Aluminum Steering Wheel, 2-1/2" Dish NEW!
LON52-56835	14" Plain Aluminum Steering Wheel, 2-1/2" Dish NEW!
LON52-56837	15" Plain Aluminum Steering Wheel, 2-1/2" Dish
LON52-56838	15" Black Aluminum Steering Wheel, 2-1/2" Dish
LON52-56866	15" Plain Aluminum Steering Wheel, Flat NEW!
LON52-56867	15" Black Aluminum Steering Wheel, Flat NEW!

Steering Wheel Hook **NEW!**

Lightweight, billet aluminum mount provides a convenient location to secure steering wheel in between races. Bolts directly to roll cage tubing.

Part No.	Description
LON52-22576	Steering Wheel Hook, for 1-3/4" Dia. Tubing
LON52-22577	Steering Wheel Hook, for 1-1/2" Dia. Tubing



Helmet Hook **NEW!**

Provides a convenient place to secure helmet between races. Lightweight, billet aluminum bracket bolts directly to roll cage tubing.

Part No.	Description
LON52-22570	Helmet Hook, for 1-3/4" Dia. Tubing
LON52-22572	Helmet Hook, for 1-1/2" Dia. Tubing



Drink Bottle **NEW!**

Large-capacity, double-insulated bottle helps provide driver with a cool drink via the included tube and "bite valve". Lightweight, powder-coated aluminum bracket bolts directly to roll bar tubing.

Part No.	Description
LON52-22551	Drink Bottle, for 1-3/4" Dia. Tubing
LON52-22553	Drink Bottle, for 1-1/2" Dia. Tubing
LON52-22556	Replacement Water Bottle
LON52-22559	Replacement "Bite Valve"



Compact Radio Box **NEW! LON52-22560**

Lightweight aluminum unit accommodates the latest small radios. Radio box includes internal padding and Velcro straps to hold the radio securely. Clamps directly to 1-3/4" roll cage tubing.



Steering Wheel Nose Pads **LON52-56899**

Traditional round nose pads are required by most sanctioning bodies and race tracks.



Steering Wheel Quick Disconnects

Steering wheel quick disconnects ease driver cockpit entry and exit. Offered in spline or hex hub designs, unit welds to steering shaft.

Part No.	Description
LON52-56600	Hex Hub, Welds to 5/8" or 3/4" Steering Shaft
LON52-56605	Splined Hub, Welds to 3/4" Steering Shaft



High-Density Roll Bar Padding

Padding provides maximum energy absorption and uses a pre-tape adhesive for installation. Fits 1-1/2" to 1-3/4" tubing, and is available in conventional or streamlined "mini" style (improves line of sight and reduces blind spots). Offered in black or red, 3' lengths.



Part No.	Description
LON52-65162	Roll Bar Padding, Black, 3'
LON52-65182	"Mini" Roll Bar Padding, Black, 3'
LON52-65184	"Mini" Roll Bar Padding, Red, 3'

Protecto 180 Roll Bar Padding **NEW!**

LON52-65692

Medium-density roll bar padding fits 1-3/8" to 1-3/4" dia. tubing and includes a fire-retardant base. Offered in black only, padding features a 180° design. May be installed using tape or wire ties. Sold in 3' lengths.



SFI-Embossed Roll Bar Padding **NEW!**

LON52-65169

Fire-resistant SFI 45.1 roll bar padding will not melt or drip in the event of a fire. Padding offers both maximum energy absorption and flame retardation. Fits roll cage tubing from 1-1/2" to 1-3/4". Sold in 36" length. Black only.



Complete Brake Line Kits

All of the lines and fittings required to install brake lines on virtually any race car. Includes four stainless braided lines in -3AN or -4AN, 18 pre-flared 3/16" steel brake lines, four chassis tabs, nine Adel clamps, and a full assortment of brake fittings and tees.



Part No.	Description
Brake Line Kits	
LON52-45215	-3AN Brake Line Kit
LON52-45216	-4AN Brake Line Kit
Popular Caliper Fittings	
LON52-45220	Long Leg Caliper Fitting, 1/8" NPT to -4AN
LON52-45230	90° 1/8" NPT to -4AN
LON52-45233	90° 1/8" NPT to -3AN
Related Components	
LON52-47000	Line Clamps, 3/16" Dia., 10-Pack NEW!



Individual Bulkhead Fittings and Frame Tabs

Part No.	Description
LON52-45263	-3AN Bulkhead Fitting Only, Sold Individually
LON52-45273	-4AN Bulkhead Fitting Only, Sold Individually
LON52-45284	Frame Tab, Pack of Four
LON52-45286	-3AN Bulkhead Fitting and Frame Tab, Sold Individually
LON52-45288	-4AN Bulkhead Fitting and Frame Tab, Sold Individually



Spring Rubbers

Fine tune spring rate for the perfect set-up. Used by many NASCAR Cup teams. Spring rubbers are offered for conventional 5"/5.5" coils, standard coil-overs, and large spacing coil-overs for big-bar/soft-spring chassis set-ups.



Part No.	Description	Part No.	Description
Coil-Over Spring Rubbers		Big Bar/Soft Spring Coil-Over Spring Rubbers	
LON52-61005	Yellow 5-Soft	LON52-61016	Orange-Soft
LON52-61010	Clear 10	LON52-61041	Red-Medium
LON52-61015	Orange 15	LON52-61051	Blue-Hard
LON52-61040	Red 40	5"/5.5" Spring Rubbers	
LON52-61050	Blue 50	LON52-61140	Red-Soft
LON52-61070	Black 70-Hard	LON52-61150	Blue-Medium
		LON52-61170	Black-Hard

Door Bar Padding Kit

LON52-65130

High-density, fire-resistant pad protects the driver's left elbow, arm, hand, and wrist. Quickly mounts with adjustable, molded-in straps.



Floor Mat **NEW!**

Specially designed for use in the driver's compartment, floor mat is constructed from fireproof, non-asbestos heavy-weight cloth, silicon coated on one side and aluminized on the opposite side for heat reflection. Incorporated eyelets ease installation with rivets or screws. Capable of withstanding up to 600°F.



Part No.	Description
LON52-64320	Floor Mat, 24" x 18"
LON52-64360	Floor Mat, 18" x 18"
LON52-64400	Floor Mat, 24" x 10"
LON52-64420	Floor Mat, 12" x 8"



Aluminized Insulation Cloth

LON52-64150

Aluminized on one side for heat reflection and silicone coated on the other for added insulation, specialized cloth is great for firewalls and floorboards, etc. Heat-resistant to 600°F, 58" x 24" cloth can be cut to shape with scissors.

Wide-Angle Mirrors

Mirrors provide driver with a wide field of vision, and mount easily to roll cage tubing. Purchase mirrors separately, or in kit form, complete with lightweight aluminum mounting brackets.



Part No.	Description
LON52-22530	17" Mirror Kit, Mounts to 1-3/4" Dia. Tubing, Adjusts 1/2"-2-1/2"
LON52-22531	17" Mirror Kit, Short Brackets, Mounts to 1-1/2"
LON52-22532	17" Mirror Kit, Long Brackets, Mounts to 1-1/2" or 1-3/4"
LON52-22533	17" Mirror Kit, Long Brackets, Mounts to 1-1/2"
LON52-22534	14" Mirror Kit, Mounts to 1-3/4" Dia. Tubing, Adjusts 1/2"-2-1/2"
LON52-22535	14" Mirror Kit, Mounts to 1-1/2" Dia. Tubing, Adjusts 1/2"-2-1/2"
LON52-22536	14" Mirror Kit, Long Brackets, Mounts to 1-1/2" or 1-3/4"
LON52-22537	14" Mirror Kit, Long Brackets, Mounts to 1-1/2"
LON52-22538	1-3/4" Dia. Mounting Bracket, Adjusts 1/2"-2-1/2", Pair
LON52-22539	1-1/2" Dia. Mounting Bracket, Adjusts 1/2"-2-1/2", Pair
LON52-22540	1-3/4" Dia. Mounting Bracket, Adjusts 2"-5-1/2", Pair
LON52-22541	Mirror Brackets, Long, Mounts to 1-1/2"
LON52-22544	14" Wide Mirror Only
LON52-22547	17" Wide Mirror Only

3-3/4" Dia. Spot Mirror

Designed to mount on the driver's or passenger's side of the race car as a side view mirror. Fully-adjustable, 3-3/4" dia. mirror bolts to roll cage tubing.



LON52-22548

Part No.	Description
LON52-22548	Spot Mirror, Mounts to 1-3/4" Dia. Tubing
LON52-22549	Spot Mirror, Mounts to 1-1/2" Dia. Tubing

Universal Mounting Brackets **NEW!**

Billet aluminum, universal short-style mounting brackets may be used to secure a mirror, switch panel, ignition components, etc. directly to roll cage tubing.



Part No.	Description
LON52-22755	Universal Mounting Bracket, for 1-3/4" Dia. Tubing
LON52-22757	Universal Mounting Bracket, for 1-1/2" Dia. Tubing

Aluminum Spoiler Braces

Neat aluminum braces with Heim ends bolt on easily and ease spoiler angle adjustment.



Part No.	Description
LON52-23706	6" Aluminum Spoiler Brace
LON52-23708	8" Aluminum Spoiler Brace
LON52-23780	10" Aluminum Splitter Support Rod NEW!
LON52-23702	Backing Disc for Spoiler Brace, 4 Pcs.

Billet Aluminum Shifter Ball **NEW!**

LON52-22601

Featuring a new design for improved heat insulation, billet aluminum 2" dia. shifter ball has no insert to come out. Includes a 3/8"-16 stainless bolt for mounting, or remove the bolt and mount directly to a 3/8"-16 threaded shifter arm.



Aluminum Shifter Stick **NEW!**

LON52-22613

Offset towards driver to provide eased shifting, CNC-machined billet aluminum shifter stick is lightweight, yet rigid. Slotted bottom hole eases installation.



Billet Rear End Breather Kit **NEW!**

Kit prevents gear lubricant from blowing out differential vent and onto the racing surface. Easily installed, kit includes clamp-on bracket, vent hose and necessary hardware.



Part No.	Description
LON52-22568	Breather Kit, for 1-3/4" Dia. Tubing
LON52-22569	Breather Kit, for 1-1/2" Dia. Tubing

Magnetic 3/8" NPT Drain Plug **NEW!**

LON52-33320

Common to most popular transmissions or differentials, 3/8" NPT magnetic drain plug traps ferrous particles, preventing equipment contamination.



Fender Support Kits

Flexible supports are constructed from lightweight, break-resistant polymer material. Sold in pairs with necessary hardware.



Part No.	Description
LON52-23720	Fender Support Kit, Cut-to-Length Kit
LON52-23740	Fender Support Kit, Adjustable Length

Carb Linkage Kits

Kits include rod ends, anodized aircraft aluminum tube, Holley carb bushing, return springs, bolts, and nuts. Bend to clear air cleaner, cut to length, and thread one end (requires 1/4"-28 tap). Offered in two lengths.



Part No.	Description
LON52-32700	Carb Linkage Kit, 23-1/4"
LON52-32702	Carb Linkage Kit, 28-1/2"

Deluxe Carburetor Linkage Kit

LON52-32720

Short linkage kit is designed for use with low profile air cleaners. Kit includes linkage rod, carburetor bracket, adjustable throttle stop, rod ends, throttle return springs, and hardware to connect accelerator pedal to throttle.



Throttle-Return Spring Bracket Kit LON52-32710

Engineered for use with low-profile air cleaners, kit includes lightweight aluminum bracket, springs, Holley carb bushing, and miscellaneous hardware.



Replacement Throttle Return Springs **NEW!** LON52-32500

Same springs included in 52-32700, 52-32702, 52-32710 or 52-32720 kits. Sold per pair.



Replacement Carb Linkage Bushings **NEW!** LON52-32707

Designed for use with popular Holley carbs, aluminum bushing has a .500" O.D. and .250" I.D. Sold per pair.



Throttle Stop Brackets

Lightweight aluminum bracket prevents broken or bent throttle linkage. Fully adjustable.

Part No.	Description
LON52-32730	Holley 4bbl., Adjustable
LON52-32732	Holley 2bbl., Adjustable



Aluminum Air Cleaner Stud

Kit contains aluminum carb stud, thumb screw, and air cleaner lid mount. Jam nut and mounting nut go under air cleaner lid so thumbscrew can be tightened without smashing element.



Part No.	Description
LON52-32750	5/16" Carb Thread, Holley
LON52-32752	1/4" Carb Thread, Others

Stainless Steel Header Exhaust Wrap Locking Ties **NEW!**

LON52-47840

Heat-resistant, stainless steel locking ties are effective in retaining exhaust header wrap. Includes (8) 8" long stainless ties.





Hydraulic Clutch Line Kit LON52-28050

Stainless steel braided line kit joins clutch master cylinder to the slave cylinder. Includes required fittings for most popular applications.



Trailer Hitch Bumper LON52-65885

High-density pad attaches to trailer hitch, preventing painful knee or shin contact. Specialized bumper is secured with wire ties, doesn't interfere with normal trailer use, and fits most hitches.



Digital Shock Inflator

Shock inflator has a digital 0-300 PSI gauge and an extra-long hose to allow filling shocks on car. Inflator connects directly to nitrogen line to quickly fill and bleed shocks. A special chuck prevents pressure loss and inaccurate settings.



Part No.	Description
LON52-50473	Digital Shock Inflator
LON52-50483	Digital Shock Inflator, Less Fill Hose
LON52-50493	Basic Shock Inflator, Less Fill Hose

Spark Plug Viewer LON52-50884

Specially-lighted viewer allows scrutinizing spark plugs to determine correct jetting for maximum horsepower. May be purchased separately, or complete with spark plug holder.



Part No.	Description
LON52-50884	Spark Plug Viewer Only
LON52-50885	Spark Plug Holder Only
LON52-50886	Spark Plug Viewer and Holder

Digital Valve Spring Tester NEW! LON52-73511

Heavy-duty tester includes the ability to test valve spring pressure from 0-1,400 lbs. in 1-lb. increments, and travel from 0"-4.000" in .001" [fix inch marks] increments. Accurate within 1/10 of 1% on both pressure and travel. Quick and easy to use, tester runs on 110 volts or a rechargeable battery. Sold complete with charger. Batteries (CR2032) not included.



Engine Compression Tester NEW! LON52-73025

Determine cylinder condition quickly without the need for compressed air. Gauge reads 0-300 PSI.



Short Pit Socket NEW! LON52-68525

Durable billet SAE 4340 steel pit socket is double heat treated, and designed to instantly kick out lug nuts for quicker pit stops. Made for use with 1/2" drive impact.



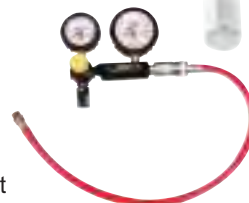
Oil Filter Cutter LON52-77750

Rigid billet aluminum, easy-to-use tool quickly cuts open oil filters for inspection to spot potential engine problems.



Engine Leakdown Tester LON52-73010

Verify piston ring, head gasket, and valve condition. Easy-to-use tool includes fitting and hose assembly to test most engines.



Digital Engine Leakdown Tester LON52-73014

Much more accurate compared to traditional testers, reading critical leakdown to just .5%. Backlit gauges ease readability. Sold complete with 14mm spark plug connector, hose, and silver carrying case.



Lined Hard Cases NEW!

Heavy-duty, lined hard cases are ideal for storing drills, stopwatches, tire gauges, etc. Choose from two sizes.



Part No.	Description
LON52-50512	Lined Hard Case, 8-1/4" x 4-1/8" x 3-1/8"
LON52-50518	Lined Hard Case, 9-1/2" x 7" x 1-3/4"

Billet Coil-Over Wrench NEW! LON52-22589

Specialized tool is constructed from billet aluminum to prevent damage to coil-overs during adjustment. Comfortable, ergonomically designed tool allows eased adjustments.



Brake Fluid Bleed Bottle Kits NEW!

Brake bleeder bottles include magnets to secure bottle to chassis and prevent fluid spillage. Choose from kits with one or two bottles.



Part No.	Description
LON52-45200	Brake Fluid Bleed Bottle Kit, (2) Bottles, Hose, and Wrench
LON52-45202	Brake Fluid Bleed Bottle Kit, (1) Bottle, Hose, and Wrench



High-Performance Racing Only Motor Oil

Perfect for high-RPM, high-horsepower engines, oils incorporate lubricity and anti-seize agents for maximum engine protection, while reducing power-robbing drag. Offered in conventional, synthetic, and semi-synthetic formulas.



Description	1 Quart Bottle	(6) Quarts 1 Case	5 Quart Bottle	(3) 5 Qt. Bottles 1 Case
5W-20 Synthetic	LUC10883	LUC10883-6	LUC10884	LUC10884-3
10W-30 Synthetic	—	—	LUC10611	LUC10611-3
10W-30 Conventional	LUC11016	LUC11016-6	LUC11017	LUC11017-3
10W-40 Synthetic	LUC10942	LUC10942-6	LUC10911	LUC10911-3
10W-40 Semi-Synthetic	LUC10943	LUC10943-6	LUC10913	LUC10913-3
20W-50 Synthetic	LUC10615	LUC10615-6	LUC10616	LUC10616-3
20W-50 Semi-Synthetic	LUC10306	LUC10306-6	LUC10378	LUC10378-3
20W-50 Conventional	LUC10620	LUC10620-6	—	—



Synthetic Motor Oils

A formulation of top-quality synthetic bases and exclusive high-performance additives delivers extra protection, reduced drag, better fuel mileage, and more horsepower for racing use. Sold in one-quart bottles or in cases.

Description	1 Quart Bottle	(6) Quarts (1 Case)
0W-30	LUC10179	LUC10179-6
5W-20	LUC10082	LUC10082-6
5W-30	LUC10049	LUC10049-6
5W-50	LUC10101	LUC10101-6
10W-30	LUC10050	LUC10050-6
20W-50	LUC10054	LUC10054-6
20W-50	LUC10054	LUC10054-6



Engine Break-in Oil

Lubricants include higher levels of zinc and phosphorous for maximum engine protection, particularly critical during initial break-in. Requires no additional additives, and delivers superior performance prior to switching over to conventional or synthetic lubricants.

Description	1 Quart Bottle	5-Qt. Bottle	1 Case (6) Quarts	1 Case (3) 5-Qt. Bottles
5W-20	LUC11033	LUC11033-6	LUC11034	LUC11034-3
20W	—	—	LUC10627	LUC10627-3
30W	LUC10630	LUC10630-6	LUC10631	LUC10631-3
20W-50	—	LUC10635-6	LUC10636	LUC10636-3



CK-4 Heavy-Duty Diesel Motor Oil **NEW!**

Lubricant is blended with API Group II and Group III base oils along with an advanced additive package, resulting in improved engine performance, lower oil consumption, high-temperature stability, extended oil changes and longer engine life. Sold in one-gallon containers, or in cases.

Description	1-Quart Bottle	1 Case (4) 1-Gallon Containers
Synthetic Blend 10W-30	LUC10282	LUC10282-4
Magnum (Petroleum) 15W-40	LUC10287	LUC10287-4



Sure-Shift Semi-Synthetic Automatic Transmission Fluid

Quality base stocks are blended with synthetics, detergents, and anti-wear agents for longer life and less friction. Sold in one-quart bottles.

1-Quart Bottle	12 Quarts (1 Case)
LUC10052	LUC10052-6



Semi-Synthetic Racing Automatic Transmission Fluid **NEW!**

Semi-synthetic, Type F fluid combines premium paraffinic and synthetic base oils with a special additive package. Engineered to hold up under the heat and stress common to racing, while delivering a fast, positive shift.

Description	1-Quart Bottle	1 Case (6) 1-Qt. Bottles
Semi-Synthetic Racing ATF	LUC11020	LUC11020-6



Plus High Performance Motor Oil

Extra additives protect against wear and scuffing, while a protective film assures a "wet" start every time. Resistant to breakdown caused by alcohol contamination. Sold in one-quart bottles, one-gallon containers, 2.5-gallon containers, 5-gallon pails, and in cases.

Description	1-Quart Bottle	1 Case (6) 1-Quart Bottles	5-Gallon Container
5W-20	LUC10516	LUC10516-6	—
5W-30	—	LUC10474-6	—
10W-30	LUC10276	LUC10276-6	—
10W-40	LUC10275	LUC10275-6	—
20W-50	LUC10252	LUC10252-6	LUC10257
30W	LUC10053	LUC10053-6	—



Power Steering Fluid **NEW!**

Fluid is formulated with the finest base oils and a proprietary additive package that helps provide smooth, quiet power steering operation. Lubricant additionally improves steering response and feel, preventing fading and foaming in high performance driving situations. Sold in 16-oz. bottles, or in cases.

Description	16-oz. Bottle	1 Case (12) 16-oz. Bottles
Power Steering Fluid	LUC10442	LUC10442-12



Racing Gear Oil

Racing gear oil offers superior thermal stability, while specialized anti-wear agents and additives provides reduced heat, wear, and drag. L9 is designed for differentials and transmissions.

Description	1-Quart Bottle	1 Case (12) 1-Qt. Bottles
L9, Differentials/Transmissions	LUC10456	LUC10456-12



80/90 and 85/140 Plus Gear Oils

Formulated with anti-wear and anti-seize agents to lengthen component life. 85/140 Plus Gear Oil is recommended for stopping leaks and reducing lash in worn gear sets. Sold in one-quart bottles, one-gallon containers, or in cases.

Description	1-Quart Bottle	12 Quarts (1 Case)	1-Gallon Container	(4) 1-Gallon Containers
80/90	LUC10043	LUC10043-12	LUC10046	LUC10046-4
85/140 Plus	LUC10042	LUC10042-12	LUC10045	LUC10045-4



75/90 and 75/140 Synthetic Gear Oils

Pure synthetic, non-foaming gear oils with additives to resist "squeezing out" under extreme pressure. Formulated specifically for high-performance or heavy-duty use. Sold in one-quart bottles, one-gallon containers, or in cases.

Description	1-Quart Bottle	12 Quarts (1 Case)	1-Gallon Container	(4) 1-Gallon Containers
75/90	LUC10047	LUC10047-12	LUC10048	LUC10048-4
75/140	LUC10121	LUC10121-12	LUC10122	LUC10122-4



Heavy-Duty Oil Stabilizer

Stabilizer is formulated to eliminate dry starts, resist thermal breakdown, and reduce smoke, leaks, knocks, and blow-by. May also be used in transmissions, differentials, and transfer cases to reduce heat and noise. Sold in one-quart bottles, one-gallon containers, or in cases.

1 Quart Bottle	12 Quarts (1 Case)	1 Gallon Container	(4) 1 Gallon Containers
LUC10001	LUC10001-12	LUC10002	LUC10002-4



Pure Synthetic Oil Stabilizer

Originally designed for racing use with synthetic oil, stabilizer reduces frictional heat and wear in engines, transmissions, and differentials for increased horsepower and fuel mileage. Sold in one-quart bottles, one-gallon containers, or in cases.

1-Quart Bottle	1 Case (12) Quarts	1-Gallon Container	1 Case (4) 1-Gallon Containers
LUC10130	LUC10130-12	LUC10131	LUC10131-4





Low-Viscosity Oil Stabilizer **NEW!**

Premium, synthetic oil treatment provides significant improvement in anti-wear, friction reduction, oxidation inhibition, and dispersancy, which helps reduce sludge, varnish and carbon.

12-oz. Bottle	1 Case 12) 12-oz. Bottles
LUC11097	LUC11097-12

Engine Break-in Oil Additive

Specially formulated with increased levels of zinc, oil additive protects camshafts, lifters, and valve train components during critical break-in period. May also be used to prevent premature engine wear. Sold in 16-oz. bottle or in cases.

(1) 16-oz. Bottle	(12) 16-oz. Bottles (1 Case)
LUC10063	LUC10063-12

Transmission Fix LUC10009

A blend of thermally-stable petroleum extracts formulated to seal leaks and prevent slippage and rough shifts in auto or manual transmissions. 24-oz. bottle.

Super Coolant

Scientifically formulated to offer the ultimate in protection to cooling systems from rust, corrosion and electrolysis, while lowering coolant temperatures up to 20°F for racing applications, add two bottles to straight water coolant for maximum temperature reduction. Sold in 16-oz. bottle or in cases.

16-oz. Bottle	1 Case (12) 16-oz. Bottles
LUC10640	LUC10640-12

Red "N" Tacky Grease

Red "N" Tacky lithium 12-OH grease features inhibitors to fight rust and oxidation while extreme pressure additives withstand heavy loads. Offered in conventional or new aerosol formulas to ease application.

14.5-oz. Cartridge	(30) 14.5-oz. Cartridge	11-oz. Aerosol	(12) 11-oz. Aerosol
LUC10005	LUC10005-30	LUC11025	LUC11025-12

X-Tra Heavy-Duty Grease

Sheer, stable lubricant has exceptional extreme pressure and water resistance. Exceeds OE "Lube For Life" specifications. Sold in 1-lb. tubs or in cases.

1-lb. Tub	(12) 1-lb. Tubs (1 Case)
LUC10330	LUC10330-12

High-Performance Assembly Lube

Use as an initial lubricant for metal surfaces. It mixes with oil and will not plug filters. Clings to all surfaces and is an excellent rust inhibitor, especially for items in long-term storage. Use whenever torque or tension are applied. Sold in 4- or 8-oz. bottles.

4 oz. Bottle	Case (12) 4-oz. Bottles	8-oz. Bottle	Case (12) 8-oz. Bottles
LUC10152	LUC10152-12	LUC10153	LUC10153-12

Anti-Gel Cold Weather Diesel Treatment

Fuel additive prevents diesel and bio-diesel fuels from gelling or thickening in cold-weather conditions, eliminating cold filter plugging by ULSD or biofuels.

1-Quart Bottle	(12) 1-Quart 1 Case	8-oz. Bottle	(6) Half-Gallons 1 Case
LUC10865	LUC10865-12	LUC10866	LUC10866-6



Diesel Deep Clean

Diesel Deep Clean allows fuel to burn cleaner, eliminating much of the particulate matter that accumulates in both the fuel filter and exhaust. Fuel additive additionally cleans fuel injectors and debris that is trapped within the fuel filter.

16-oz. Bottle	(12) 16-oz. Bottles 1 Case
LUC10872	LUC10872-12



Slick Mist

Slick Mist is a polymer paint gloss intensifier, which can also be used on glass, chrome, and vinyl decals. Just spray it on a wet or dry surface and wipe off for a superior shine. Sold in 24-oz. bottle or in cases.

24-oz. Bottle	(6) 24-oz. Bottle (1 Case)
LUC10160	LUC10160-6



Slick Mist Detailing Kit

All-in-one auto detailing kit includes (1) can of Interior Detailer, (1) can of Tire & Trim Shine, (1) can of Speed Wax, microfiber towel, and tire sponge. Speed Wax functions both as a wax and quick detail spray. Interior Detailer cleans and protects interior surfaces including plastic, vinyl, leather, rubber, and metal, while Tire & Trim Shine delivers a "like-new" shine to tires.

Detailing Kit	1 Case (4) Detailing Kits
LUC10558	LUC10558-4



Penetrating Oil Aerosol **NEW!**

Aerosol penetrating oil loosens rusted nuts and bolts, while powerful corrosion inhibitors and wetting agents ensure protection to parts exposed to the elements. Evaporation is slow, resulting in a tenacious film that fights rust and corrosion.

11-oz. Aerosol	1 Case (12) 16-oz. Aerosol
LUC11043	LUC11043-12



Multi-Purpose Parts Cleaner and Degreaser **NEW!**

The perfect multi-purpose product for garages or shops, product cleans and degreases carburetors, brake calipers, rotors, throttle bodies and other unpainted metal parts. Product contains no CFC's or solvents, and is 50-state VOC compliant.

16-oz. Aerosol	1 Case (12) 16-oz. Aerosol
LUC11115	LUC11115-12



Complete Engine Treatment **NEW!**

Unique formulation may be added to fuel or engine oil. When added to fuel, product cleans and lubricates all fuel system components, improving both fuel and combustion efficiency. When added to the engine oil, treatment helps improve oil flow in cold weather, while forming a protective barrier against heat and friction. For use in all types of engines. Sold in 16-oz. bottles, or in cases.

16-oz. Bottle	1 Case (12) 16-oz. Bottles
LUC10016	LUC10016-12





Oval Track Camshafts

Lunati offers a large selection of hydraulic, solid, and roller camshafts for oval track racing. From Street Stock to ARCA cars, Lunati has camshafts designed to keep any racer ahead of the pack.



Part No.	Application	RPM Range	Adv. Duration Int./Exh.	Dur. @ .050" Int./Exh.	Valve Lift Int./Exh.	Lobe Separation
Small Block Chevy 265-400						
Hydraulic Camshafts						
LNT10120935	Factory Stock, .450" Lift Rule	2600-6000	310°/310°	236°/236°	.450"/.450"	106°
LNT10120930	Lim. Late Model/2bbl., .425" Lift Rule	2500-6200	288°/292°	232°/236°	.425"/.425"	106°
LNT10120921	Hobby Stock 2bbl.	3000-6500	290°/290°	240°/240°	.520"/.520"	106°
Solid Camshafts						
LNT30120925	Lift Rule, 1/4-1/2 Mile	2800-6800	285°/295°	252°/261°	.525"/.525"	106°
LNT30120917	1/4-3/8 Mile 2bbl.	2800-7000	278°/282°	248°/252°	.530"/.541"	106°
LNT30120946	Hobby Dirt Classes	3400-7000	288°/293°	249°/254°	.543"/.552"	106°
LNT30120936	Dirt Modified Classes	3500-7000	288°/298°	249°/259°	.543"/.561"	106°
LNT30120948	Restricted Engine Cam	3500-7200	293°/298°	254°/259°	.552"/.561"	106°
Roller Camshafts						
LNT40120954	L.L. Model/350-370 Cu. in.	3800-7600	289°/297°	256°/264°	.648"/.627"	106°
LNT40120951	L.L. Model/350-370 Cu. in.	3800-7600	289°/301°	256°/268°	.648"/.627"	106°
LNT40120924	Late Model, 377-406 Cu. in.	3800-7600	301°/309°	262°/271°	.626"/.626"	106°
LNT40120921	Med. Wt. Asphalt/Dirt Car	3800-7800	308°/318°	258°/268°	.600"/.618"	106°
Ford 4 Cyl. 2300						
Hydraulic Camshaft						
LNT10700901	Mid-Range Torque/HP	2500-6500	296°/306°	244°/250°	.454"/.454"	111°

Note: SB Chevy valve lift figures are based on a 1.5:1 rocker arm ratio.



Racer Flat Steering Wheels

Designed for the drivers of Dirt Late Models and Modifieds, Racer flat steering wheels combine the benefits of a lightweight aluminum structure and foam grip with dirt-style finger bumps. Fits all 3-bolt quick release hubs. Choose from 15", 16", or 17" diameter.

Part No.	Description
MPIMPI-DR-16	16" Dia. Steering Wheel
MPIMPI-DR-17	17" Dia. Steering Wheel



Racer Dished Steering Wheels

Racer dished steering wheel is manufactured using a lightweight aluminum, 2.16" dished structure with solid spokes, and foam grip with finger bumps. Ideal for Dirt Late Models, Modifieds, and Street Stocks. Fits all 3-bolt quick release hubs.

Part No.	Description
MPIMPI-DMR-17	17" Dia. Steering Wheel



GT Steering Wheels

Lightweight, aluminum-framed GT steering wheels feature an ergonomically designed grip for exceptional driver feel. Designed for road course, sports car, track days, etc.

Part No.	Description
MPIMPI-GT-11	11" Dia. Steering Wheel, Flat Bottom
MPIMPI-GT-11-C	11" Dia. Steering Wheel, Cutout Top
MPIMPI-GT-13-C	13" Dia. Steering Wheel, Flat Bottom NEW!
MPIMPI-GT-13-C-HG	13" Dia. Steering Wheel, High Grip, Flat Bottom NEW!



MP2 Stock Car Steering Wheels

The lightest stock car steering wheel currently available. Steel-framed, D-shaped, and 3" dished steering wheel utilizes an ergonomic design with CNC-machined spokes and suede cover with bright orange top marker. Includes centerpiece.

Part No.	Description
MPIMPI-MP2-14	14" Dia. Steering Wheel
MPIMPI-MP2-15	15" Dia. Steering Wheel



Dirt Late Model Steering Wheel MPIMPI-D2-15

Concept-specific steering wheel is designed for the rigors of Dirt Late Model racing. Flat, aluminum-framed 15" diameter steering wheel features enhanced, vibration-absorption foam construction and dirt-style finger grips. Includes center pad.



Dirt Late Model/Modified Steering Wheel **NEW! MPIMPI-DM2-15**

Designed to meet the demands of Dirt Late Model and modified racing, popular lightweight 15" dia. steering wheel, which has a 2-1/4" dish, includes a washable, polyurethane grip with dirt-style finger bumps and bright orange top marker. Weighs just 2 lbs.



Lifters

Hydraulic, solid, and roller lifters are available for small block Chevrolets and Fords. Sold in sets of 16.



Part No.	Type	Description
LNT70000-16	Solid	SB Ford
LNT70992-16	Solid	SB Chevy
LNT71817-16	Hydraulic	SB Chevy
LNT72400-16	Roller	SB Chevy, Horizontal Bar, Centered
LNT72403-16	Roller	SB Chevy, Vertical Bar, Centered

Pro Series Small Block Chevy Crankshaft with Contoured Wing Design



Crankshaft is manufactured from 4340 steel. Rod journals are drilled with either 7/8" or 3/4" lightening holes to reduce rotating weight. The leading edges of the counterweights have Lunati's contoured wings to direct air and oil to the main bearings rather than the connecting rods. Requires chamfered bearings.

Part No.	Stroke	Main	Rod Length	Pin Size
LNT60240001	4.000"	400	6.000"	2.100"



F-Series Steering Wheels

Ergonomically-designed steering wheels are designed for touring, GT, drifting, and track days cars. Steering wheels have 1-1/4" dish, a lightweight aluminum frame, oval, suede-covered grip with bright orange top marker (unless specified).

Part No.	Description
MPIMPI-F-12-C	12" Dia. Steering Wheel, Black Suede with Orange Stitching
MPIMPI-F-13-C	13" Dia. Steering Wheel, Black Suede with Orange Stitching
MPIMPI-F-13-CUT*	13" Dia. Steering Wheel, Black Suede with Orange Stitching
MPIMPI-F-13-C-HG	13" Dia. Steering Wheel, High Grip with Orange Stitching
MPIMPI-F-14-C	14" Dia. Steering Wheel, Black Suede with Orange Stitching
MPIMPI-F-14-C-B†	14" Dia. Steering Wheel, Black Suede with Black Stitching
MPIMPI-F-14-C-HG	14" Dia. Steering Wheel, High Grip with Orange Stitching
MPIMPI-F-14-C-HG-B†	14" Dia. Steering Wheel, High Grip with Black Stitching

* Cut-away top improves dashboard view. † No top marker.

Dirt/Off-Road Steering Wheels

Aluminum-framed steering wheels are track day, drift, dirt, and off-road concept specific. All-black steering wheels include a 3-1/2" dish depth and black suede-covered grips. Available 60mm steering wheels are designed specifically for drifting applications. Includes horn button.

Part No.	Description
MPIMPI-DO-H60-A	13.75" Dia. Steering Wheel
MPIMPI-DO-H60-HG	13.75" Dia. Steering Wheel, High Grip

Dirt Karting Steering Wheel

MPIMPI-KMD-15

Lightweight, 15" diameter aluminum steering wheel is covered in orange synthetic, carbon synthetic, and high-grip Lederfylon. Steering wheel has a 2-1/4" dish depth.

Bandolero/Legends Steering Wheels

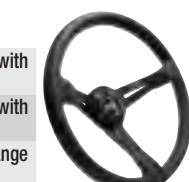
Lightweight aluminum, 13-3/4" diameter steering wheels are well suited to Bandolero or Legend cars. Steering wheels utilize slotted spokes for maximum weight reduction, 3-1/2" dish depth, bright orange center marker, and include high-quality suede with parallel orange stitching or polyurethane only grips.

Part No.	Description
MPIMPI-BL-14-A	13-3/4" Steering Wheel, Suede Grip
MPIMPI-BL-14-PA	13-3/4" Steering Wheel, Polyurethane Grip

Track Day/Rally Steering Wheels **NEW!**

Particularly suited to track day, rally, dirt, etc., 13-3/4" dia. steering wheels with 3-1/2" dish incorporate lightweight aluminum frames with washable, dirt friendly materials. Center hole cover included.

Part No.	Description
MPIMPI-DO-14-C	14" Dia. Steering Wheel, Black Suede with Orange Stitching, Top Marker
MPIMPI-DO-14-C-B	14" Dia. Steering Wheel, Black Suede with Black Stitching
MPIMPI-DO-14-C-HG	14" Dia. Steering Wheel, Gray with Orange Stitching, High Grip, Top Marker
MPIMPI-DO-14-C-HG-B	14" Dia. Steering Wheel, Crossed Black Stitching, High Grip



Stock Car Steering Wheel

MPIMPI-DP-13

Among the lightest stock car steering wheels currently available, weighing just 2.2 lbs. Steel 13" diameter steering wheel features an oval design for improved driver ergonomics, reduced fatigue, and increased comfort. Steering wheel grip is covered in premium suede with parallel black stitching, includes a bright orange center marker, and has a 3" dish depth. Sold complete with lightweight centerpiece.



Late Model/Stock Car Steel Steering Wheels

Late Model/Stock Car, steel 15" dia. steering wheels utilize three solid spokes, 3-1/4" dish, and an ergonomic design for increased driver comfort. Steering wheels include suede grips and a top center marker. Includes lightweight centerpiece.

Part No.	Description
MPIMPI-LM-15	15" Dia. Steering Wheel, 3-Bolt
MPIMPI-LM-15-6BLT	15" Dia. Steering Wheel, 6-Bolt NEW!



Late Model/Stock Car Aluminum Steering Wheel

MPIMPI-LM-15-A

Lightweight aluminum, 15" steering wheel features slotted spokes, bright orange top marker, 3-1/4" dish depth, and suede grips. Oval, ergonomic design aids driver comfort and reduces fatigue.



AUTODROMO Steering Wheels **NEW!**

The first steering wheels geared to vintage and tuner applications, featuring the classic look of the 1970's, 1980's, or 1990's. The 14" dia. wheels, which include a 25mm (1") dish, are hand-crafted in Italy using an old-style milling cutter and the finest top-grain leather to truly replicate the period.

Part No.	Description
MPIMPI-ATDR-70B	1970 Era, Black Spokes
MPIMPI-ATDR-70BSPM	1970 Era, Black Machined Spokes
MPIMPI-ATDR-70P	1970 Era, Polished Spokes
MPIMPI-ATDR-70S	1970 Era, Silver Spokes
MPIMPI-ATDR-80B	1980 Era, Black Spokes
MPIMPI-ATDR-80BSPM	1980 Era, Black Machined Spokes
MPIMPI-ATDR-80S	1980 Era, Silver Spokes
MPIMPI-ATDR-90B	1990 Era, Black Spokes
MPIMPI-ATDR-90S	1990 Era, Silver Spokes



Steering Wheel Hubs

Lightweight aluminum hubs adapt MPI steering wheels to many popular OEM applications.

Part No.	Description
MPIMPI-H-V01-01	Porsche 911/928/912S
MPIMPI-H-V01-02	Porsche 944/911 Carrera 2-4-RS
MPIMPI-H-V01-03	Porsche 911/914/916/1600/912T
MPIMPI-H-V02-02	Volkswagen 914/4
MPIMPI-H-V02-10	Audi/Porsche/Volkswagen
MPIMPI-H-V02-17	Audi/Skoda/Volkswagen
MPIMPI-H-V03-01	BMW Series 3/5/6/7
MPIMPI-H-V03-02	BMW Series 850i 3
MPIMPI-H-V03-03	BMW Series 1502/1602/1802/2002
MPIMPI-H-V04-01	Ford/Kia/Mazda
MPIMPI-H-V04-1	Mazda Collapsible Hub Adapter





Steering Wheel Accessories

Part No.	Description
MPIMPI-A-3/6BLT	Aluminum 3- to 6-Bolt Adapter, Allows use of Quick Release Hub
MPIMPI-A-CHC	Aluminum Center Hole Cover, MPI 6-Bolt Steering Wheels
MPIMPI-A-DBH	Double Button Holder, MPI 6-Bolt Steering Wheels
MPIMPI-A-PS	Double Paddle Shifter for Logitech G25 & G27 Simulated/Gaming
MPIMPI-A-SBH	Single Button Holder, MPI 6-Bolt Steering Wheels
MPIMPI-A-SWH	Steering Wheel Hook
MPIMPI-QR-56R1-B	Bolt-On Quick Release, 6-Bolt x 70mm, Black, SFI-Approved NEW!

MPIMPI-A-CHC

Centerpieces

Lightweight polyurethane centerpiece features MPI logo.

Part No.	Description
MPIMPI-A-CP-D	Polyurethane Centerpiece, D-15 Series
MPIMPI-A-CP-BLDO	Centerpiece for BL and DO Models
MPIMPI-A-CP-F	Centerpiece for F Models
MPIMPI-A-CP-MPLM	Centerpiece for MP and LM Models



BOBBY SCHISLER

KIZZ PHOTOS



Digital 6A Ignition Control

Completely new, redesigned unit delivers 540 primary volts, 45,000 secondary volts, and 135mj of spark energy, while drawing only .7 amps per 1,000 RPM. Compatible with breaker points, electronic amplifiers, and magnetic pickup-style ignition systems. Sealed, locking connector for easy wiring; includes all components needed for installation.

Part No.	Description
MSD6201	Digital 6A Ignition Control, Red
MSD62013	Digital 6A Ignition Control, Black
MSD8897	Replacement Wiring Harness for 6201/62013

Next Generation Digital 6AL Ignition Control

Next-generation ignition control has a completely new, redesigned housing with the wiring routed out of one end through a sealed and locking connector to simplify and clean-up wiring. Ignition produces more power, with over 530 primary volts and up to 135 millijoules of spark energy for every firing, while drawing less current. The rev limiter is located right on top of the housing, offering easy access to the two rotary dials to set the rev limits in 100 RPM increments. Unit is compatible with 4-, 6-, or 8-cylinder engines, and is sold complete with wiring harness and vibration mounts.



Part No.	Description
MSD6425	Next Generation Digital 6AL Ignition Control, Red
MSD64253	Next Generation Digital 6AL Ignition Control, Black
MSDMSD29774	Replacement Wiring Harness for Digital 6A and 6AL
MSDMSD29776	Replacement Rev Limit Access Door

Digital Programmable 6AL-2 Ignition Control

This next-generation ignition control has an aluminum housing, new digital controls, and the energy to deliver multiple sparks at each 20° of crankshaft rotation. TPC-programmable unit lets you tune the ignition curve, boost the timing map, or adjust the two-step rev limiter with MSD's Pro Data+ software. Ignition controls are compatible with any 4-, 6-, or 8-cylinder engine using a 12-volt negative ground distributor system. Wiring and vibration mounts included.



Part No.	Description
MSD6530	Digital Programmable 6AL-2 Ignition, Red
MSD65303	Digital Programmable 6AL-2 Ignition, Black

6HVC-L Ignition Control

Engineered for high-RPM, long-duration racing, the 6HVC-L produces up to 150 mJ of spark energy with 550 primary volts to 15,000 RPM. Locking, Deutsch connectors are NASCAR approved. Available with built-in Fast Rev Limiter or a Soft-Touch Rev Limiter to protect the engine from over-revving. Internal components are encased in clear epoxy for vibration protection.



Part No.	Description
MSD6631	6HVC-L Ignition Control, Built-in Fast Rev Limiter
MSD6632	6HVC-L Ignition Control, Built-in Soft Touch Rev Limiter

Extreme-Duty 6ALN Ignition Control

Originally designed for NASCAR but suited to a wide variety of racing applications, the 6ALN ignition control includes the mandatory 6-pin weather-tight connector to meet the NASCAR 20-6.1 ignition wiring rule. Special connector offers a tight, positive locking connection with seals to keep dirt and moisture out. Unit delivers up to 480 primary volts and up to 115 millijoules of spark energy for every firing, while drawing only 1 amp per 1,000 RPM. Built-in rev control is adjustable with plug-in modules. Ignition is sold complete with wiring harness, vibration mounts, and 3,000, 6,000, 7,000, and 8,000 RPM modules.



Part No.	Description
MSD6430	Extreme-Duty 6ALN Ignition Control
MSD64316	D.I.R.T. Spec. Ignition Control, Does Not Include RPM Modules
MSDASY17296	Replacement Wiring Harness for 6ALN

6CT Ignition Control

MSD6427

Designed with large, easy-to-read LED's which display rev limits, highest rpm reached, cylinder select, start retard, battery voltage, and can also be used as a tach. Rotary dials are used to select for 4, 6, and 8 cylinder engines and to adjust the built-in start retard which provides options of 0°, 10°, or 20° timing retard for quick, easy starts with modified engines. Works with 6-18 volt battery systems. Supplied with a single plug-in connector and all hardware needed for installation.





6CT PRO Circle Track Ignition Control **NEW!** MSD6428

Based upon the original 6CT the large LED display allows an easier view of the rev limit setting, set via the laser-etched rotary dials. The rotary dials are also used to set the cylinder select, and to adjust the built-in start retard function to 0°, 10°, or 20° for easier cranking. The LED display may also be used as a live tach or battery voltage. Supplied with a single plug-in connector and all required hardware.



Digital-6 Plus Ignition Control MSD6520

The Digital-6 Plus Ignition control's revolutionary advanced digital ignition technology is unmatched for power and efficiency. A 15-megahertz microcontroller quickly analyzes critical ignition functions, outputs 135 millijoules, and draws only .7 amps per 1000 RPM. The Digital-6 Plus has two built-in, rotary switch-adjustable rev limiters, as well as a single-stage retard and start retard. Should be used with MSD8252 HVC coil.



Digital MSD Wiring Adapter QRP50-2006

Pigtail harness adapts the new MSD Digital 6 ignition control to a standard 6-pin flat male weatherpack connector.



GM LS Circle Track Ignition Control MSD6014CT

Designed for CT525 crate and modified LS engines, module controls eight coils, RPM, and timing functions. Manufactured with factory-style connectors that plug directly into the LS cam sensor, crank sensor, and ignition coils. When running on a CT525 crate engine, a preset timing curve and rev limiter setup is pre-programmed. Connect to a laptop for custom tuning of both timing curve and rev limiter. Will run 24x 1x, 58x 1x, and 58x 4x crank/cam sensor combinations.



7AL-2 Plus Ignition Control

Ideal for high-RPM circle track applications with high-compression engines, updated 7AL-2 Plus has improved internal components, a diagnostic LED, and two-step rev control. Its hot capacitive-discharge multiple spark will ignite any fuel mixture at any compression ratio. RPM limit is adjusted with plug-in modules. Includes vibration mounts, wiring and instructions.



Part No.	Description
MSD7222	7AL-2 Plus Ignition Control, Gold
MSD7223	7AL-2 Plus Ignition Control, Black

Multiple Spark Coil Kits for GM LS2/LS7

High-performance coils provide increased spark energy and more voltage to the spark plugs, resulting in improved throttle response, smoother idle, and increased high-RPM performance. Coils may be purchased individually, or in eight-packs. Machined cast-aluminum coil brackets may be purchased separately.



Description	Coil Part No.	Coil 8-Pack Part No.	Coil Bracket Part No.
LS2/LS7 Engines	MSD8287	MSD82878	MSD8216

Blaster Ignition Coils

Blaster ignition coils are the best choice for improving an ignition system.

Part No.	Description	Ignition Applications
MSD8203	Blaster 2 Black Coil	MSD 6 or 7
MSD8200	Blaster 2 Chrome Coil	MSD 6, 7 or Stock Points
MSD8202	Blaster 2 Red Coil	MSD 6 or 7
MSD8203	Blaster 2 Red Coil	MSD 6, 7 or Stock Points
MSD8222	Blaster High Vibration Coil	MSD 6 or 7
MSD8223	Blaster 3 Extra Tall Tower	MSD 6, 7 or Stock Points



Blaster SS Ignition Coils

A compact high-performance coil packed with power. The Blaster SS produces 300 milliamps with a 40,000 volt maximum output. Unique winding reduces the chances of voltage breakdown between the primary and secondary windings. Features include brass terminals and a sturdy Rynite housing. Compatible with stock or capacitive ignitions. Vibration mounts are included.



Part No.	Description
MSD8207	Blaster SS Red Coil
MSD82073	Blaster SS Black Coil

HVC Coil MSD8250

Exclusively for the MSD 6-HVC ignitions, the E-core coil produces more voltage and current while remaining up to 50% cooler than canister coils. A tall secondary tower and brass terminals provide durable connections. Vibration mounts are included.



HVC II Coil **NEW!** MSD82613

Engineered for racing applications with an MSD 7-or 8-series ignition control, coil features an iron U-core design with a segmented bobbin for improved voltage distribution. Coil offers incredible voltage capability, lightning-quick rise time, and longer spark duration. Includes mounting hardware and rubber shock mounts.



Pro Power HVC Coil MSD8251

The Pro Power HVC coil is for oval track cars with an MSD 7-, 8-, or 10 series ignition control. Efficient E-core with extremely low resistance produces high voltage without losing current output. Vibration mounts are included.



Blaster HVC Coil MSD8252

The Blaster HVC provides maximum power for circle track cars with MSD 6 ignition units. Proven E-core windings provide maximum efficiency. Low primary resistance allows coil to step up the voltage for higher output. Vibration mounts are included.



Blaster HVC II Coil MSD8253

Specifically designed for use with MSD 6 series ignition controls. U-core coil uses a segmented bobbin for improved current and voltage. The blue Rynite housing features widely-spaced primary terminals, and a well-protected secondary tower for increased spark isolation.





HEI Coil MSD8225

Stock GM HEI replacement coil has low-inductance, high-temperature windings and is epoxy-filled.



Automatic Coil Selector MSD8210

Two posts connect to the high-voltage towers on the primary ignition coil and backup ignition coil, while a third post connects to the distributor cap. Switch from the primary to backup coil at the flip of a switch, without needing to stop the car. Requires two ignition controls, two coils, and a single-pole, double-throw transfer switch. Accepts standard 90° or multi-angle spark plug-style boots.



Firewall Feed-Thru MSD8211

Rynite and nylon feed-through prevents voltage leaks in the cockpit and has 1/2" of insulation to ensure maximum spark. Mounts in a 1" diameter hole and is available in red/black only.



Coil Bracket MSD8213

The MSD coil bracket offers easy, universal mounting for standard size ignition coils, including all MSD Blaster 2 coils. A bolt-and-nut clamp holds coils securely.



Coil Wire Retainer MSD8217

Retainer holds the coil boot firmly on the coil tower of canister-style coils.



Dual Ignition Tach Splitter MSD8911

Designed for dual ignitions, splitter fits between tach outputs and the tachometer, and allows tach to operate with both ignitions.



Replacement Magnetic Pick-up Cables

The 6' Long, 2-wire cable connects MSD magnetic pick-up distributor to MSD ignition box. Standard and shielded cables are available. Shielded cable protects the trigger signal from EMI (Electro Magnetic Interference).



Part No.	Description
MSD8860	Magnetic Pick-up Cable, 6' Long
MSD8862	Shielded Magnetic Pick-up Cable, 6' Long

Two-Pin Connector MSD8824

Simplifies replacing damaged pins or connectors, shortening cables, or doing custom wiring. Metal pins have locking feature to prevent vibrating loose, and connectors have lock tabs for tight, vibration-proof connections. Includes two connectors and four pins.



**NEW
BLACK
FINISH**

Pro-Billet Distributors

Distributors are machined from solid billet 6061-T6 aluminum with an upper sealed ball bearing to eliminate shaft wobble. A Dupont Rynite distributor cap, adjustable mechanical advance, hardened 10,000-RPM plus shaft, and high-output magnetic pickup assure years of reliable service. Most distributors listed require an MSD Ignition Control unless specified. Choose from natural or black finish.



Natural Part No.	Black Part No.	Application	Advance	Ignition System
Chevrolet				
MSD8360*	MSD8360*	Ready-to-Run Chevrolet	Mechanical/Vacuum	OEM/MSD
MSD8361	—	Chevrolet HEI	Mechanical/Vacuum	MSD
MSD8365*	MSD8365*	Chevrolet HEI	Mechanical/Vacuum	OEM/MSD
—	MSD83613	Chevrolet HEI	Mechanical/Vacuum	MSD
MSD8570	—	Chevrolet	Mechanical	MSD
MSD85501	MSD85505	Chevrolet	Locked-Out	MSD
MSD85551	MSD85555	Chevrolet	Mechanical	MSD
MSD85561	—	with Slip Collar	Mechanical	MSD
MSD85705	MSD85703	Small Dia. Cap	Locked-Out	MSD
MSD85557	—	Chevy V8, Black Cap	Mechanical	MSD
MSD85701	—	Chevy V8, Small Dia. Cap	Mechanical	MSD
Ford				
MSD8352*	MSD8352*	289-302, Ready-to-Run	Mechanical/Vacuum	OEM/MSD
MSD8354*	—	351W, Ready-to-Run	Mechanical/Vacuum	OEM/MSD
MSD8578	MSD85783	351W, Small Dia. Cap	Mechanical	MSD
MSD8579	MSD85793	289-302, Small Dia. Cap	Mechanical	MSD
MSD85795	—	289-302, Small Dia. Black Cap	Mechanical	MSD
MSD8582	—	289-302	Mechanical	MSD
MSD8584	—	351W	Mechanical	MSD
MSD85805	—	351W, Victor Jr. Intake	Mechanical	MSD
MSD8473	—	2.3L 4-Cylinder	Mechanical	MSD

* Distributor does not require an MSD Ignition Control.

Circle Track HEI Distributor MSD8362CT

Manufactured with TIG-welded shaft and weight pins, bulletproof ignition module, high-output ignition coil, and QPQ-coated chromoly advance gear and weights. This billet aluminum distributor fits Chevy V8's, looks stock, is designed to meet sanctioning body HEI distributor rules, and run lap after lap without fatigue or failure. Includes lockout mechanical advance plate.



Part No.	Description
MSD88362	Replacement Module for MSD8362CT NEW!
MSD88363	Mechanical Advance Lockout Kit for MSD8362CT NEW!

Chevy Pro-Billet Distributor for Late Model/Modified MSD85705

Pro-Billet distributor features a CNC-machined billet aluminum housing that is fitted with parylene-coated, corrosion-resistant magnetic pickup and billet reluctor, adjustable slip collar for precision installation, large-diameter Ford-style cap, and weather-tight pickup connector.





Pro-Billet Distributors with Dual Pickups

Designed for oval track racing, Pro-Billet Distributors are fitted with two high-output magnetic pickups, one triggers the primary ignition system and the second may be used to trigger a backup ignition system. Pickups are located exactly 180° apart to ensure constant timing when switching to the secondary ignition. For use with MSD 6-, 7-, or 8-series ignition.



Part No.	Description
MSD8356	Chevrolet
MSD8384	SB Ford 351W and 351SV0
MSD8911	Tach Splitter for Dual Ignition Systems

Cap-A-Dapts

A large diameter cap adapts to MSD distributors, eliminating voltage leaks and other problems. HEI-style spark plug terminals provide tight connections that won't vibrate loose and are spaced further apart to prevent ionization and crossfiring. Cap-A-Dapts are also available with rotor assemblies that allow adjustment of cap-to-terminal alignment for perfect phasing. HEI terminals and boots must be used with Cap-A-Dapt. Fits most MSD Pro-Billet V-8 distributors.



Part No.	Description
MSD8441	Cap-A-Dapt, Small Dia. Distributors
MSD8445	Cap-A-Dapt, Fixed Rotor

Replacement Components

MSD8408	Distributor Cap
MSD8421	Adjustable Rotor
MSD8423	Fixed Rotor
MSD8446	Cap Spacer

Adjustable Race Rotor

MSD84211

Compatible with any MSD distributor that uses a [MSD8433](#) cap, rotor may be "phased in" for proper rotor tip-to-distributor cap terminal alignment.



Billet Distributor Clamp

Clamp firmly holds distributor to keep timing locked in place. Compatible with MSD Billet or Pro Billet distributors and MSD Pro Mag magnetos.



Part No.	Description
MSD8010	Ford
MSD8110	Chevrolet

GM HEI Module Bypass Cable Assembly

MSD8861

Use to plug an MSD 6- or 7-series ignition or timing accessory directly into the magnetic trigger inside a GM HEI distributor.



Replacement Components

[MSD8467](#)

[MSD84661](#)



Part No.	Description
Distributor Caps	
MSD8408	Ford, Std. Large Dia., Red
MSD84083	Ford, Std. Large Dia., Black
MSD8411	Chevy, HEI, Red
MSD8431	Chevy/Ford, Small Dia., Red
MSD84313	Chevy/Ford, Small Dia., Black
MSD8433	MSD/Chevy, New Style, Red
MSD84333	MSD/Chevy, New Style, Black
MSD8437	Chevy, Socket Style, Red
MSD84113	Chevy, HEI, Black
MSD8426	GM, HEI V8, EFI, External Coil, Black
MSD84263	GM, HEI V8, EFI, External Coil, Red
Cap and Rotor Kits	
MSD84025	GM, Extreme Output HEI Style, Black Cap
MSD84063	GM, HEI V8, External Coil, Black Cap
MSD84317	MSD, Small Style V8, Male Terminals, Black Cap
MSD84336	MSD, Points Style V8, Male Terminals, Black Cap
Rotors	
MSD8410	Chevy HEI Rotor
MSD8423	Ford Rotor, Standard Cap
MSD8467	Rotor, Chevy Racing Rotor/Ford
MSD84101	Chevy Extreme HEI Rotor
Bronze Distributor Gears	
MSD8471	Chevy, .500" I.D.
MSD8472	Chevy, .006" Oversize O.D.
MSD8583	Ford 289-302, .466" I.D.
MSD8585	Ford 351W, .530" I.D.
Iron Distributor Gear	
MSD8531	Chevy V-8, .500"
Magnetic Pickup	
MSD84661	All Billet/Pro-Billet Distributors
MSD84666	for MSD HEI 8365/83653 Distributors NEW!
Distributor Components	
MSD8225	HEI Coil for MSD8365
MSD8401	Dust Cover for MSD8365 w/Ext. Coil
MSD8402	Coil Cover for MSD8365
MSD8415	Billet Reluctor Ring, Cylinder Specific Timing
MSD8463	Vacuum Advance, All Exc. MSD8365
MSD8464	Advance Spring and Bushing Kit
MSD8468	Vacuum Advance Lockout
MSD8539	Slip Collar
MSD8627	Keyed Reluctor Ring, +/- 10°
MSD8628	Advance Weight Kit
MSDASY10039	Distributor Shaft, Chevy V-8
MSDASY10042	Weight Plate, Chevy V-8
MSDASY11165	Distributor Shaft, SB Ford 289-302
MSDASY11172	Distributor Shaft, SB Ford 351W
MSDASY15547	Distributor Shaft, Chevy V-8 Locked-Out
MSDHDW10079	Upper Bearing, All Pro-Billet
MSDHDW10080	Seal, All Pro-Billet
MSDHDW10081	Lower Bushing, All Pro-Billet
MSDHDW10084	Roll Pin, All Pro-Billet
MSDPRD10071	Reluctor, Chevy V-8
MSDWAS10089	Gear Shim
MSDWAS10090	MSD Distributor Housing Shim, Steel, 1.000" O.D., 0.500" I.D.

RPM Chip Tester [MSD89952](#)

Specialized unit allows testing the function and accuracy of MSD RPM chips. Simply plug the tester into the ignition or RPM module and hold down a single button. Sold complete with 9-volt battery.





Chevy Pro Billet HEI Distributor MSD8365

Engineered to deliver superior ignition performance, the Pro Billet HEI Distributor incorporates the Digital HEI module and coil for maximum spark energy with improved dwell and timing control. Precision CNC-machined housing features a TIG-welded shaft, adjustable centrifugal advance assembly, heavy-duty gear, vacuum advance, high-performance cap, rotor, and coil cover. Sold complete with (3) sets of mechanical advance springs and (4) stop bushings for a truly custom advance curve.

Part No.	Description
Replacement Components	
MSD84101	Rotor
MSD84111	Distributor Cap, Red
MSD8531	Gear

Ultimate GM HEI Kit MSD8501

Matching coil and module produce higher voltage and energy for exceptional high-speed coil saturation and high RPM power. Kit includes high energy module, coil, cap, dust cover and rotor. A low-resistance HEI bushing is recommended (purchased separately) when an MSD-series ignition module has been added. Components are also available separately.

Part No.	Description
MSD8501	Ultimate GM HEI Kit, Red Cap
MSD85013	Ultimate GM HEI Kit, Black Cap NEW!
Replacement Components	
MSD8225	High-Output Coil
MSD8412	Low-Resistance Bushing, Not Included in Kit
MSD83647*	HEAT Digital HEI Module with Rev Limiter
MSD84022	Factory-Style Coil Dust Cover
MSD84101	Rotor
MSD84111	Distributor Cap, Red
MSD84113	Distributor Cap, Black

* Module may only be used with non-computerized (4-pin module) HEI's.

GM HEI Mechanical and Vacuum Advance Lockout Kits **NEW!**

Standard equipment in MSD HEI circle track distributors, kits are available to lockout the vacuum or mechanical advance provisions in stock GM HEI distributors.

Part No.	Description
MSD88363	Mechanical Advance Lockout Kit
MSD88364	Vacuum Advance Lockout Kit

GM HEI Distributor Connector Kit **NEW!** MSD8194

Kit includes replacement connectors and terminals for GM HEI or MSD 8362/8365 distributors.

Super HEI Kit MSD85001

Just what the Saturday night racer ordered. The solution to the GM HEI's loss of power above 4,500 RPM, this kit delivers more power, increased RPM range, and improved throttle response. Includes a Digital 6AL ignition control, Blaster SS coil, coil wire and HEI dust cover. Ignition control includes the built-in Soft-Touch Rev Control to protect the engine from over-rev damage.



RPM Module Kits

Each RPM module kit contains five modules within RPM ranges from 3,000 to 9,900. Compatible with all MSD accessories that require modules. Available in even and odd increments.

Description	Even Increments Part No.	Odd Increments Part No.
3,000-3,900 RPM	MSD8743	MSD87431
4,000-4,900 RPM	MSD8744	MSD87441
5,000-5,900 RPM	MSD8745	MSD87451
6,000-6,900 RPM	MSD8746	MSD87461
7,000-7,900 RPM	MSD8747	MSD87471
8,000-8,900 RPM	MSD8748	MSD87481
9,000-9,900 RPM	MSD8749	MSD87491



Individual RPM Modules

RPM Modules may also purchased individually. Compatible with all MSD accessories that require modules.

Part No.	Description	Part No.	Description
MSDASY10177	3,000 RPM	MSDASY11545	7,600 RPM
MSDASY17893	6,500 RPM	MSDASY11547	7,800 RPM
MSDASY10178	7,000 RPM	MSDASY11549	8,200 RPM
MSDASY11541	7,200 RPM	MSDASY11551	8,400 RPM
MSDASY11543	7,400 RPM	MSDASY11553	8,600 RPM
MSDASY17898	7,500 RPM	MSDASY11555	8,800 RPM



Circle Track Digital Soft-Touch HEI Rev Limiter MSD8727CT

RPM controller plugs into nearly any GM HEI distributor and functions as an RPM limiter, adjustable from 3,000-9,900. Unit additionally records highest RPM attained during race.



Flying Magnet Crank Trigger

The MSD Flying Magnet Crank Trigger employs an aluminum wheel with four magnets that pass by a stationary non-magnetic pickup, causing the ignition to produce accurate trigger signals. Prevents false triggering from bolts or bumps on the trigger wheel - only the magnets will create the necessary trigger signal. Includes a 2-piece mounting bracket for the non-magnetic pickup that will work on either the passenger or driver side of the engine.



Application	Red Part No.	Black Part No.
Small Block Chevrolet, 6-1/4" Balancer	MSD8600	MSD86003
Small Block Chevrolet, 7" Balancer	MSD8610	MSD86103
Small Block Chevrolet, 8" Balancer	MSD8615	MSD86153

Part No.	Description
Replacement Components	
MSD8276	Non-Magnetic Pickup
MSD8505	Magnetic Pickup, Older MSD Crank Triggers Using Steel-Studded Trigger Wheel
MSD8611	Crank Trigger Wheel, Sm. Block Chevy, 7" Balancer Red
MSD86113	Crank Trigger Wheel, Sm. Block Chevy, 7" Balancer Black
MSD8605	Crank Trigger Adjustment Kit

Soft-Touch Rev Control

To limit RPM, Soft-Touch computer circuitry drops one cylinder at a time and then fires that cylinder on the next cycle to prevent plug fouling. Smooth limiting action holds RPM at the selected limit with no backfires, roughness, or damage. Easily adjusted with plug-in modules for 6,000, 7,000 and 8,000 RPM (other module kits available). Adjustable for 4-, 6-, or 8-cylinder engines with points, stock electronic, or MSD capacitive-discharge ignitions.



Part No.	Description
MSD8728	Soft Touch Rev Control, OEM or Points Ignition
MSD87286	Soft Touch Rev Control, DIRT Spec.



Ignition Wire Sets and Accessories

Universal wire sets have the spark plug boot and terminal factory installed. The distributor end boots and terminals are supplied, but are not crimped on. Wires are extra long and include a mini-stripper/crimper to aid installation.

Super Conductor 8.5mm Spark Plug Wire Sets

Have extremely low resistance and high RFI (radio frequency interference) suppression; a combination which would seem to defy the laws of physics. The low resistance is the result of a helically wrapped, copper alloy conductor, which is then wrapped around a ferro-magnetic impregnated center core. Available in red or black.

2-in-1 Universal Sets

MSD31199 (Red Super Conductor),

MSD31193 (Black Super Conductor)

Includes terminals for 8-cylinder engines with early- (socket) and late-type (HEI spark plug top) distributor caps. Multi-angle boots and terminals are factory-installed on one end.

MSD31179 (Red Super Conductor)

Includes terminals for 6-cylinder engines with early- (socket) and late-type (HEI spark plug top) distributor caps. Multi-angle boots and terminals are factory installed on one end.

2-in-1 Universal Sets

MSD31239 (Red Super Conductor),

MSD31233 (Black Super Conductor)

Set includes terminals for 8-cylinder with early- (socket) and late-type (HEI spark plug top) distributor caps. 90° boots and terminals are factory-installed on one end.

Universal Wire Sets

MSD31189 (Red Super Conductor),

MSD31183 (Black Super Conductor)

For engines with HEI (spark plug-type) distributor caps. Multi-angle boots and terminals are installed on one end. 90° distributor boots and terminals included.

Universal Wire Sets

MSD31229 (Red Super Conductor),

MSD31223 (Black Super Conductor)

For engines with HEI (spark plug-type) distributor caps (Ford Duraspark or MSD Cap-a-Dapt). 90° spark plug boots are installed and 90° distributor boots and terminals are included.

Universal Street Fire V-8 Spark Plug Wire Sets

Ideal for street and hobby stocks, Street Fire wires have helically wound conductors to suppress electrical and RFI noise and an 8mm silicone and synthetic jacket to resist heat and abrasion. Sets have only the spark plug boot installed. Terminals and boots for the distributor side are included, but not crimped on. Wires are extra long and include a mini-stripper/crimper. Offered in black only.



Part No.	Description
MSD5550	Multi-Angle Plug, HEI Cap
MSD5551	Multi-Angle Plug, Socket/HEI Cap
MSD5552	90° Plug, HEI Cap
MSD5553	90° Plug, Socket/HEI Cap

Race-Tailored Spark Plug Wire Sets

Custom fit sets are designed for cars with headers and MSD distributor. Choose from red or black Super Conductor spark plug wire sets.



Application	Style	Red Super Conductor Set	Black Super Conductor Set
Small Block Chevy			
MSD/Socket Cap, Wires Under Headers	Socket	—	MSD35591*
MSD/Socket Cap, Wires Under Headers	Socket	MSD31599	MSD31593
MSD/Socket Cap, Wires Over Valve Covers	Socket	MSD31659	MSD31653
MSD/HEI Style Cap, Wires Over Valve Covers	HEI	MSD31359	MSD31353
MSD/HEI Style Cap, Wires Under Headers	90°	MSD31249	MSD31243
MSD/HEI Style Cap, X-Long Wires Under Headers	HEI	MSD31769	MSD31763
MSD/HEI Style Cap, Wires Under Headers	HEI	MSD35599	MSD35593
MSD/HEI Style Cap, Wires Under Headers, Close Fit	HEI	MSD31549	MSD31543
Crab Cap with HEI Terminals, Wires Under Headers	HEI	MSD30479	—
Small Block Ford			
Late MSD/HEI Style Cap	HEI	MSD31329	MSD31323
Ford 4 Cyl. 2300cc			
Late MSD/HEI Style Cap	HEI	MSD31259	—

* Includes high-temp. silicone-fiberglass sleeving.

Coil Wires

Super Conductor coil wire attaches an MSD Blaster-series coil to an MSD HEI dust cover or to an MSD distributor. Measures 18" long and is supplied with 90° boots, terminals, and a power tower. Choose from black or red wires.

Part No.	Description
MSD84033	Black Super Conductor Coil Wire
MSD84039	Red Super Conductor Coil Wire



Replacement Spark Plug Boots and Terminals

Description	2/Card Part No.	8/Card Part No.
Multi-Angle Boots and Terminals	MSD3301	—
GM LS1 45° Plug Boots and Terminals	MSD3304	—
90° MSD Boots and Terminals	MSD3311	MSD8850
HEI Style 90° Boots and Terminals	MSD3320	MSD8849
90° Socket Boots and Terminals	MSD3321	MSD8851
Straight Socket Boots and Terminals	MSD3322	—
90° Non-Logo Boots and Terminals	MSD3323	—
Pro Racing 90° Boots and Terminals	MSD3325	MSD8852
Pro Racing 115° Boots and Terminals	MSD3326	MSD8853
Pro Racing Straight Boots and Terminals	MSD3327	MSD8854
Short 90° Boots and Terminals	—	MSD8848
Blaster 2 Coil Boot and Terminal	MSD3331*	—

* (1) Boot and (1) Terminal



Replacement and Bulk Spark Plug Wire

Replacement red Super Conductor spark plug wire is offered in pre-cut 48" wire lengths and bulk spools. The 48" wire includes a multi-angle boot and terminal on one end, and a 90° HEI-style boot and terminal on the other.

Part No.	Description
MSD34069	Replacement, 48" Length
MSD34039	Bulk, 6' Length
MSD34019	Bulk, 25' Length
MSD34049	Bulk, 100' Length



MSD34039

Dynaforce Starters **NEW!**

Dynaforce starters clear most oil pans and headers, and may be "clocked" (unless noted) for best fit. Standard units use a 3.4 horsepower motor and 4.4:1 gear reduction ratio, while High-Speed models have 25% more cranking speed. Choose from red or black finish.



Application	Std. Red	Std. Black	High-Speed Red	High-Speed Black
Chevy V8, 153T or 168T	MSD5095	MSD509503	MSD50952	MSD509523
Chevy V8, 168T Staggered Mt.	MSD50951	MSD509513	—	—
GM LS1-LS7	MSD5096	MSD50963	—	—
SB Ford 289-351W	MSD5090	MSD50903	MSD50902	—



Universal Ignition Tester

NEW! MSD89981

Tester includes the ability to test traditional single coil systems or coil-per-cylinder applications. Backlit unit, with large easy-to-read display, may be used to create an RPM run and allow the tester to run through the RPM range. Compatible with electronic, points, and magnetic trigger inputs. Includes spark plug tester.



Power Tower Wire Adapter

MSDASY10124

Red coil wire adapter. Socket to HEI-style cap. Sold each.



Pro-Clamp Wire Separators

MSD8843

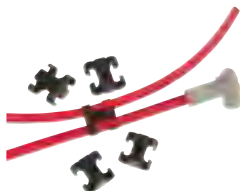
Snap-together separators have grooves to hold wires firmly without damaging insulation. Kit includes two 4-wire, two 3-wire, and four 2-wire separators.



Dual Plug Wire Separators

MSD's wire separators keep plug wires away from hot exhaust and each other to prevent inductive crossfire.

Part No.	Description
MSD8841	8-8.5mm Wires
MSD8842	Wires with Sleeve



Cylinder Markers

Quickly identify plug wires with molded plastic markers or numbered shrink sleeves.

Part No.	Description
MSD3414	8.5mm Wire
MSD3415	Shrink Sleeve with Numbers



Pro-Heat and Pro-Boot Guard

Slide-on sleeving gives added protection to spark plug boots or wires.

Part No.	Description
MSD3411	Pro-Heat Guard Wire Sleeve, 25' Roll
MSD3412	Pro-Boot Guard, 6' Roll



Pro-Crimp Tool II **MSD35051**

A must for any tool box. Interchangeable jaws allow a variety of crimps with one heavy-duty tool. Hardened steel frame features molded hand grips.

Part No.	Description
MSD3509	Weathertight Terminal Dies
MSD3510	Deutsch Terminal Dies



Mini-Stripper-Crimper **MSD3503**

For 8mm Heli-Core or 8.5mm Super Conductor wire. Used with a vise and single-edge razor blade, provides even pressure to create tight crimps as the vise is tightened.



Wiring Diagrams and Tech Notes **MSD9615**

Comprehensive book covers installation of MSD components for a variety of engines and ignition systems. Packed full of specifications, technical information, coil applications, wiring tips, and troubleshooting.



Weathertight Sealed Connectors

Connectors are unaffected by water, chemicals, vibration, temperature, or dirt, and will not come apart accidentally. Connectors can withstand temperatures from -40 to +257°F and are indexed to prevent misfiring. May be separated by hand or with a screwdriver when space is tight. Each terminal has its own tower, eliminating shorts between the wires. Each connector half has a secondary lock that snaps over the terminal.



Part No.	Description
MSD8170	6-Pin Male Tower/Female Shroud with Pins and Seals
MSD8171	4-Pin Male Tower/Female Shroud with Pins and Seals
MSD8172	3-Pin Male Tower/Female Shroud with Pins and Seals
MSD8173	2-Pin Male Tower/Female Shroud with Pins and Seals
MSD8174	1-Pin Male Tower/Female Shroud with Pins and Seals

Deutsch Connectors

Perfect for the rigors of racing, Deutsch connectors are sealed and lock together for a secure connection. Durable plastic connectors will not harden or crack, and are indexed to prevent mismatching of the ends. Thick seals provide protection from water, mud, and debris. Connectors do not require special tools for assembly and are sold complete with terminals, seals, and housings.



Part No.	Description
MSD8183	2-Pin Connector, 16-Gauge Wiring
MSD8181	4-Pin Connector, 16-Gauge Wiring
MSD8180	6-Pin Connector, 16-Gauge Wiring
MSD8185	8-Pin Connector, 16-Gauge Wiring
MSD8186	12-Pin Connector, 16-Gauge Wiring
MSD8184	2-Pin Connector, 12-14 Gauge Wiring
MSD8187	4-Pin Connector, 12-14 Gauge Wiring

Timing Lights

MSD8992

Accurate timing is extremely important to any race engine. MSD offers two lights. Both feature easy-to-see bright strobes and detachable leads for easy storage. The self-powered timing light uses six AAA batteries so there are no extra wires hanging over the engine compartment. Ideal for race cars without batteries.



Part No.	Description
MSD8991	Self-Powered Timing Light
MSD8992	12-Volt Powered Timing Light
MSD89911	Replacement Harness for MSD8991

Universal Timing Tape Kit **MSD8985**

Timing tape adheres to harmonic balancer for easy, precise timing adjustments. Kit includes eight tapes to fit balancers from 5.25"-8" diameter.



Vibration Mounts **MSD8823**

Mounts prevent chassis vibrations from transmitting through to the MSD unit. Each package has four mounts and hardware to fit all 5-, 6-, and digital 7-series ignitions.





Swaged Aluminum Radius Rods

Swaged aluminum radius rods are manufactured from premium, billet 6061 aluminum and are knurled on each end. Offered in 1.00", 1.125", or 1.250" O.D. All versions include 5/8" threads. Choose from a wide range of lengths.

1.00" O.D. x .120" Wall		1.125" O.D. x .156" Wall		1.00" O.D. x .120" Wall		1.125" O.D. x .156" Wall		1.250" O.D. x .120" Wall	
Length	5/8" Threaded	5/8" Threaded	5/8" Threaded	Length	5/8" Threaded	5/8" Threaded	5/8" Threaded	Length	5/8" Threaded
11"	MWASR-11-POL	—	—	25"	MWASR-25-POL	MWASR-25L-POL	—	—	—
12"	MWASR-12-POL	—	—	26.5"	—	MWASR-26.5L-POL	—	—	—
13"	MWASR-13-POL	—	—	27"	—	MWASR-27L-POL	—	—	—
13.5"	MWASR-13.5-POL	—	—	28"	—	MWASR-28L-POL	—	—	—
14"	MWASR-14-POL	—	—	29"	—	—	MWASR125-29-POL	—	—
15"	MWASR-15-POL	—	—	32"	—	—	MWASR125-32-POL	—	—
16"	MWASR-16-POL	—	—	35"	—	—	MWASR125-35-POL	—	—
17"	MWASR-17-POL	—	—	36"	—	—	MWASR125-36-POL	—	—
18"	MWASR-18-POL	MWASR-18L-POL	—	37"	—	—	MWASR125-37-POL	—	—
18.5"	—	MWASR-18.5L-POL	—	38"	—	—	MWASR125-38-POL	—	—
19"	MWASR-19-POL	MWASR-19L-POL	—	39"	—	—	MWASR125-39-POL	—	—
19.5"	—	MWASR-19.5L-POL	—	40"	—	—	MWASR125-40-POL	—	—
20"	MWASR-20-POL	—	—	41"	—	—	MWASR125-41-POL	—	—
20.5"	MWASR-20.5-POL	MWASR-20.5L-POL	—	42"	—	—	MWASR125-42-POL	—	—
21"	MWASR-21-POL	MWASR-21L-POL	—	43"	—	—	MWASR125-43-POL	—	—
21.5"	MWASR-21.5-POL	MWASR-21.5L-POL	—	45"	—	—	MWASR125-45-POL	—	—
22"	MWASR-22-POL	MWASR-22L-POL	—	46"	—	—	MWASR125-46-POL	—	—
22.5"	MWASR-22.5-POL	MWASR-22.5L-POL	—	47"	—	—	MWASR125-47-POL	—	—
23"	MWASR-23-POL	MWASR-23L-POL	—	48"	—	—	MWASR125-48-POL	—	—
23.5"	MWASR-23.5-POL	MWASR-23.5L-POL	—	49"	—	—	MWASR125-49-POL	—	—
24"	MWASR-24-POL	MWASR-24L-POL	—	50"	—	—	MWASR125-50-POL	—	—
24.5"	MWASR-24.5-POL	—	—						

Jam Nuts

Specifically for use with M&W swaged aluminum radius rods.



Part No.	Description
MWAAJN-10L	5/8" I.D. x 3/4" O.D., Left-Hand Threads
MWAAJN-10R	5/8" I.D. x 3/4" O.D., Right-Hand Threads



VersaTie Track Kits

The convenient, all-in-one tie-down solution. Perfect for securing ATV's, tool boxes, and pit equipment in trailers or pick-up beds.

VersaTie tracks are constructed of aircraft-quality extruded aluminum and use corrosion-resistant stainless steel hardware for a virtual lifetime of service. Each kit includes two lengths of track, single stud tie-down rings, and necessary hardware.

Part No.	Description
MTD522112	1' VersaTie Track Kit, Includes (2) 1' Track, (2) Single Stud Tie Down Rings and Hardware
MTD522124	2' VersaTie Track Kit, Includes (2) 2' Track, (2) Single Stud Tie Down Rings and Hardware
MTD522148	4' VersaTie Track Kit, Includes (2) 4' Track, (2) Single Stud Tie Down Rings and Hardware

Related Components

MTD230096	VersaTie Series 3 Aluminum Track, 8' Long, Each NEW!
MTD310001	Single Stud Tie Down Ring, 3,000-lbs. Rating, Each
MTD310004	Double Stud Fitting with Pear Shaped Ring, 5,000-lbs. Rating, Each
MTD463007	Arrowhead End Cap for VersaTie Series 3 Track, Each NEW!
MTD520415	VersaTie 1-1/2" Anchor Plate Assembly, Four Pack

Horizontal E-Track

Industry-standard horizontal E-Track provides a quick, effective method to secure cargo in trailers, pick-up beds, etc. Black painted steel. E-Track may be used with round ring or D-ring fittings.

Part No.	Description
MTD270001	Horizontal E-Track, 5' Long
MTD270002	Horizontal E-Track, 8' Long

Related Components

MTD121001	Rope Tie-Off Fitting, 3,000 lbs. Rating, Each
MTD320001	Round Ring Fitting, 3,000 lbs. Rating, Each
MTD320002	D-Ring Fitting, 3,000 lbs. Rating, Each
MTD320004	Round Ring Heavy Duty Fitting, 6,000 lbs. Rating, Each

Tie-Downs

MTD511218

Mac's ratchet tie-downs and axle straps offer unparalleled safety and security when securing vehicles to trailers, chassis dynos, etc. Ratchet and axle straps listed are rated at 10,000 lbs. Tie-downs may be purchased in Ultra Pack or Super Pack kits, or individually. Black only.

Part No.	Description
Tie-Down Kits	
MTD511218	Ultra Pack, (4) 8' Long x 2" Wide Direct Hook Ratchet Tie-Downs, (4) 24" Axle Straps, (4) Strap Wraps, and Duffle Bag
MTD511108	Super Pack, (4) 8' Long x 2" Wide Combination Axle Strap Twisted Snap Hook Ratchet Tie-Downs, (4) Strap Wraps, and Duffle Bag
MTD511118	Super Pack, (4) 8' Long x 2" Wide Combination Axle Strap Direct Hook Ratchet Tie-Downs, (4) Strap Wraps, and Duffle Bag
Individual Tie-Down Components	
MTD121009	8' Long x 2" Wide Direct Hook Ratchet Tie-Down
MTD121108	8' Long x 2" Wide Flat Snap-Hook Ratchet Tie-Down
MTD121736	36" Long x 2" Wide Axle Strap
MTD121740	Axle Strap with Sleeve, 2" x 40" Long, 3,333-lb. Rating NEW!
MTD416007	Strap Wrap

Pivot Engine Lift Plate

MTD701001

Remove or replace engines quickly and effectively. Unique articulating engine lift plate allows tilting the engine up to 35° with a few turns of a ratchet. Rigid steel unit has a 1,200-lb. capacity.



Fixed-Point Hardware

MTD330003

Attaches directly to pick-up beds, trailers, etc. to provide a secure anchor point for cargo.

Part No.	Description
MTD330003	Recessed 360° Swivel D-Ring, 6,000-lbs. Rating, Each
MTD330004	Recessed 360° Swivel D-Ring, Stainless Steel, 6,000-lbs. Rating, Each
MTD471002	Gusseted Pad Eye Ring, 2" x 4" Stainless Steel NEW!
MTD472006	Backing Plate for Swivel D-Ring, Each

Soft-Touch Tow Point

NEW! MTD123800

A secure and rattle-free method of pulling a race car. Legal in most series, unit fulfills front and rear tow point requirements in the USCA.



Canopy/Awning Tie-Down Kit **NEW!** MTD511003

Tie-down kit utilizes cinch strap tie-downs, which can secure tents, canopies or awnings of any height. Includes (4) ratchet tie-downs, (4) tent stakes, (4) tent stake fittings, (4) strap wraps, (1) large canvas tool bag, and (1) heavy-duty tent stake tote.



Part No.	Description
Related Components	
MTD121532	Canopy/Awning Cinch Strap Tie-Down
MTD121940	Canopy/Awning Tie-Down Kit, (1) Cinch Strap Tie-Down, (1) Tent Stake, (1) Tent Stake Fitting & (1) Strap Wrap



Straight-Through Performance Mufflers

Straight-through, wide-open mufflers have a stainless steel body, end caps, perforated core, and a stainless weld bead. Mufflers will significantly reduce decibel levels without any loss of performance.



Part No.	Description	Body Length	Overall Length	Inlet/Outlet Dia.
MAG10426	4" Round Muffler	18"	24"	2-1/2"
MAG10444	4" Round Muffler	14"	20"	2"
MAG14153	5" x 8" Oval Muffler	14"	20"	4"
MAG14156	4" Round Muffler	6"	12"	2-1/2"
MAG14239	5" x 8" Oval Muffler	14"	20"	3"



Performance Engine Bearings

Clevite manufactures a full line of exclusive TriMetal™ copper-lead high-performance bearings, with nine different series to cover different applications. Please specify size (Standard, .001", .010", .020", etc.) when ordering.

"P" Series - Traditional Clevite TriMetal™ bearings have high crush qualities for maximum bearing retention, high eccentricity to account for bore distortion, and reduced overlay thickness to prevent fatigue.

"H/HN" Series - Race engine builders prefer their lack of flash plating, medium levels of eccentricity, enlarged chamfers for additional crankshaft fillet clearance, and high crush. When a **"D"** is added to the part number suffix, bearings include dowel pin holes; an **"X"** suffix indicates bearings with .001" added oil clearance, while a **"K"** suffix indicates bearings which are coated with moly/graphite, an anti-wear agent that offers protection through a broad temperature range.

Note: "HN" series are only available as rod bearings and are engineered to provide the increased crankshaft fillet clearance required by most aftermarket crankshafts.

Engine	P Series	H Series	HD Series	HK Series	HX Series	HDK Series	HXK Series	HXDK Series
Chevy 1967-02 Small Block 262, 265, 267, 302, 305, 307, 350 (Large Journal)								
Rod Bearings	M77CB663P	M77CB663HN	M77CB663HND	M77CB663HNC	M77CB663HXN	M77CB663HNDK	M77CB663HXNK	M77CB663HXNDK
Rod Bearings, Honda Sizing	—	M77CB1663H	—	M77CB1663HK	M77CB1663HX	—	M77CB1663HXK	—
Main Bearings	M77MS909P	M77MS909H	—	M77MS909HK	M77MS909HX	—	M77MS909HXK	—
Main Bearings, 283 Crankshaft	—	M77MS1110H	—	—	—	—	—	—
Chevy 1955-67 Small Block 265, 283, 302, 327 (Small Journal)								
Rod Bearings	M77CB745P	M77CB745HN	M77CB745HND	M77CB745HNC	M77CB745HXN	M77CB745HNDK	M77CB745HXNK	—
Main Bearings	M77MS429P	M77MS429H	—	—	M77MS429HX	—	—	—
Chevy 1970-80 Small Block 400								
Rod Bearings	M77CB663P	M77CB663HN	M77CB663HND	M77CB663HNC	M77CB663HXN	M77CB663HNDK	M77CB663HXNK	M77CB663HXNDK
Main Bearings	M77MS1038P	M77MS1038H	—	M77MS1038HK	M77MS1038HX	—	M77MS1038HXK	—
Main Bearings, 400 Block/350 Crank	M77MS1564P	—	—	—	—	—	—	—
Chevy 1997-10 Gen. III Small Block 4.8L (294), 5.3L (325), 5.7L (346), 6.0L (365)								
Rod Bearings	M77CB663P	M77CB663HN	M77CB663HND	M77CB663HNC	M77CB663HXN	M77CB663HNDK	M77CB663HXNK	M77CB663HXNDK
Main Bearings	M77MS2199P	M77MS2199H	—	M77MS2199HK	M77MS2199HX	—	M77MS2199HXK	—
Ford 1962-01 Small Block 221, 255, 260, 289, 302								
Rod Bearings	M77CB634P	M77CB634HN	—	M77CB634HNC	M77CB634HXN	—	M77CB634HXNK	—
Main Bearings	M77MS590P	M77MS590H	—	M77MS590HK	M77MS590HX	—	M77MS590HXK	—
Ford 1969-98 Small Block 351W								
Rod Bearings	M77CB831P	M77CB831HN	—	M77CB831HNC	M77CB831HXN	—	—	—
Main Bearings, 1977-98	M77MS1432P	M77MS1432H	—	—	M77MS1432HX	—	—	—
Main Bearings, 1969-76	M77MS981P	M77MS981H	—	—	—	—	—	—

"V" Series Bearings

"V" Series - Based on the Vandervell design, cast copper-lead bearing with a steel back provides the strongest foundation available. The lead-indium overlay offers high fatigue strength, durability, lubricity, and conformability. Bearing numbers that include an **"N"** suffix are narrowed for greater fillet clearance. Bearing numbers with an **"X"** indicate bearings with .001" added oil clearance.

Engine	VN Series	VXN Series
Chevy 1967-02 Small Block 262, 265, 267, 302, 305, 307, 350 (Large Journal)		
Rod Bearings	M77CB663VN	M77CB663VXN
Chevy 1955-67 Small Block 265, 283, 302, 327 (Small Journal)		
Rod Bearings	M77CB745VN	—
Chevy 1970-80 Small Block 400		
Rod Bearings	M77CB663VN	M77CB663VXN
Chevy 1997-10 Gen. III Small Block 4.8L (294), 5.3L (325), 5.7L (346), 6.0L (365)		
Rod Bearings	M77CB663VN	M77CB663VXN

Camshaft Bearings

Part No.	Description	
Chevy		
M77SH290S	1964-02 Small Block 283-327	M77SH290S
M77SH287S	1955-63 Small Block 265-327	
M77SH1814S	1997-03 Gen. III 4.8-6.0L, First Design	
M77SH1349S	1964-02 Small Block 283-400, HD Engine	
M77SH2125S	2003-10 Gen. III 4.8-6.0L, Second Design	
Ford		
M77SH510S	1962-01 Small Block 221-351W	
M77SH1321S	1962-01 Small Block 221-351W, High Strength Material	

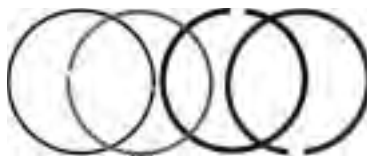
Bearing Guard M772800B2

Specially formulated assembly lubricant delivers critical bearing protection during assembly and initial start-up. Sold in 8-oz. bottle.



Plasma-Moly File-Fit Piston Ring Sets

File-fit sets are designed to reduce friction and oil consumption, increase power output, and last longer. Sets include eight ductile iron plasma-moly top rings, THG (tapered hook groove) second compression rings, and CP-20 oil control rings. Ring sets include standard-tension oil rings unless specified.



Part No.	Bore Size	Top Ring	Second Ring	Oil Ring
M77315-0005.005*	4.000"	1/16"	1/16"	3/16" (Low Tension)
M77315-0036.025	4.020"	1/16"	1/16"	3/16"
M77315-0034.035	4.030"	5/64"	5/64"	3/16"
M77315-0036.035	4.030"	1/16"	1/16"	3/16"
M77315-0005.035*	4.030"	1/16"	1/16"	3/16" (Low Tension)
M77315-0034.045	4.040"	5/64"	5/64"	3/16"
M77315-0036.045	4.040"	1/16"	1/16"	3/16"
M77315-0005.045*	4.040"	1/16"	1/16"	3/16" (Low Tension)
M77315-0036.065	4.060"	1/16"	1/16"	3/16"
M77315-0005.065*	4.060"	1/16"	1/16"	3/16" (Low Tension)
M77315-0073.005†	4.125"	1/16"	1/16"	3/16"
M77315-0032.005	4.125"	1/16"	1/16"	3/16"
M77315-0032.025	4.145"	1/16"	1/16"	3/16"
M77315-0004.035*	4.155"	1/16"	1/16"	3/16" (Low Tension)
M77315-0032.035	4.155"	1/16"	1/16"	3/16"
M77315-0032.045	4.165"	1/16"	1/16"	3/16"

* Reduced radial wall tension

† Fire-Power ring set with PC479 top rings.

‡ Claimer ring set with plasma-moly cast top rings.

Plasma-Moly Standard Gap Piston Ring Sets

Same quality as file-fit rings, but ready to install. Sets are only available with standard tension oil rings.



Part No.	Bore Size	Top Ring	Second Ring	Oil Ring
M77315-0034.030	4.030"	5/64"	5/64"	3/16"
M77315-0036.030	4.030"	1/16"	1/16"	3/16"
M77315-0049.030*	4.030"	1/16"	1/16"	3mm (Low Tension)
M77315-0033.030	4.030"	1/16"	1/16"	1/8"
M77310-0014.040*	4.040"	5/64"	5/64"	3/16" (Low Tension)
M77315-0034.040	4.040"	5/64"	5/64"	3/16"
M77315-0036.040	4.040"	1/16"	1/16"	3/16"
M77315-0049.040*	4.040"	1/16"	1/16"	3mm (Low Tension)
M77315-0034.060	4.060"	5/64"	5/64"	3/16"

* Reduced radial wall tension.

‡ Claimer ring set.



BRENTON DEYOUNG

JOHNNY B IMAGERY

Multi-Layer Steel Head Gaskets

Manufactured using multiple embossed layers of FKM-coated and uncoated 301 stainless steel, MLS gaskets have the ability to withstand applications exposed to significant amounts of boost or nitrous. Sold each, gaskets require no sealants or re-torquing.

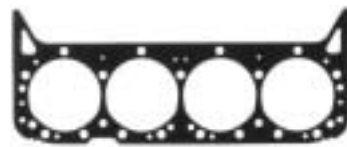


Part No.	Application	Bore	Thickness	Volume
M7755028	SB Chevy	4.060"	.040"	8.5cc
M7755031	SB Chevy	4.125"	.040"	9.0cc
M7755032	SB Chevy	4.200"	.040"	9.1cc
M7755041	GM LS	3.910"	.051"	10.1cc
M7755042	GM LS	4.060"	.051"	10.9cc
M7755043	GM LS	4.100"	.051"	11.1cc
M7755044	GM LS	4.130"	.051"	11.3cc
M7755045	GM LS	4.190"	.051"	11.6cc
M7755059	SB Ford	4.080"	.040"	8.6cc
M7755060	SB Ford	4.155"	.040"	9.0cc

SB Chevy Original Head Gaskets **NEW!**

M775746

Small block Chevy, 4.125" bore x .026" thick head gaskets feature a steel core with graphite facing for superior sealing qualities. Sold per pair.



Multi-Layer Steel Header Gaskets

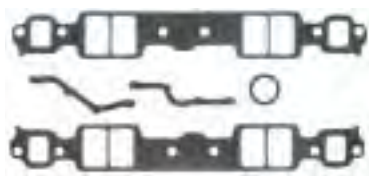
Durable MLS header gaskets are constructed from high-grade 301 stainless steel and will not burn or blow out, even when exposed to extreme exhaust temperatures. Gaskets maintain torque without the need for additional sealers. Sold per pair.



Part No.	Application	Port Size	Thickness
Graphite-Kevlar Composite with Steel Core			
M77MS19975	SB Chevy, Square Port	1.45" x 1.45"	.060"
M77MS19976	SB Chevy, D-Port, LT1/Fastburn	1.45" x 1.37"	.060"
M77MS19977	SB Chevy, Raised "D" Port	1.75" x 1.60"	.060"
M77MS19978	SB Chevy, Brodix/RHS, 18° Oval Port	1.74" x 1.60"	.060"
M77MS19979	SB Chevy, Square Port Dart/Buick, 8-Bolt	1.59" x 1.56"	.060"
M77MS19980	SB Chevy, Round Port	1.875" Dia.	.060"
M77MS19981	SB Chevy, SB2.2, Rounded Rect. Port	1.80" x 1.60"	.060"
M77MS19982	SB Chevy, Stock Port	1.35" x 1.48"	.060"
M77MS19983	SB Chevy, Hooker Adapter Plate/Dual Bolt	1.35" x 1.70"	.060"
M77MS19984	SB Chevy, Rd. Port, Hooker/Stahl Pattern	1.875" Dia.	.060"
M77MS19985	SB Chevy, Edelbrock Perf./Brodix Track 1	1.50" x 1.67"	.060"
M77MS19998	SB Ford 289-351W, Oval Port	1.07" x 1.78"	.060"
M77MS19999	SB Ford, SVO N351/Sportsman/Brodix	1.60" x 1.77"	.060"
M77MS20000	SB Ford, Trick Flow "R"/Pro Action/RHS	1.87" Dia.	.060"
M77MS20001	SB Ford, SVO C302/B351	1.75" Dia.	.060"
M77MS20002	SB Ford, SVO Yates/M6049/C302	2.00" x 1.75"	.060"
MLS (Multi-Layer Stainless Steel)			
M77MS20113	SB Chevy, Spread Port	1.45" x 1.48"	.030"
M77MS20114	SB Chevy, Round Port	1.50" Dia.	.030"
M77MS20115	SB Chevy, Spread Port	1.45" x 1.60"	.030"
M77MS20116	SB Chevy, Round Port	1.62" Dia.	.030"

Intake Manifold Gaskets

Gaskets combine a conformable fiber material with a double-perforated steel core and silicone-beaded sealed ports to help maintain an effective seal, even under high-vacuum conditions or exposure to fuel and oil.



Part No.	Application	Port Size	Thickness
M77MS20009	SB Chevy, Tapered Port	2.100" Dia.	.060"
M77MS20010	SB Chevy, Stock Port	1.20" x 2.01"	.060"
M77MS20012	SB Chevy, Rect. Port	1.26" x 2.18"	.060"
M77MS20013	SB Chevy, Pro Action/RHS 14°	1.36" x 2.19"	.060"
M77MS20014	SB Chevy, 23° Medium Port	1.25" x 2.20"	.060"
M77MS20015	SB Chevy, Dart Little Chief	1.44" x 2.29"	.060"
M77MS20016	SB Chevy, Brodix WP287/12X/12RP	1.41" x 2.50"	.060"
M77MS20017	SB Chevy, 23° Large Port	1.30" x 2.25"	.060"
M77MS20018	SB Chevy, Rect. Port	1.25" x 2.20"	.120"
M77MS20019	SB Chevy, 23° X-Large Port	1.38" x 2.30"	.060"
M77MS20022	SB Chevy, 23° X-Lg. Race/Brodix 12SP-S	1.38" x 2.30"	.120"
M77MS20023	SB Chevy, Dart/Buick	1.60" x 2.90"	.060"
M77MS20024	SB Chevy, GM Perf. Splayed, Trim to Fit	1.50" x 2.00"	.060"
M77MS20025	SB Chevy, SB2.2, Trim to Fit	1.39" x 1.90"	.060"
M77MS20039	BB Chevy, Stock Oval Port	1.80" x 2.03"	.060"
M77MS20056	GM LS1/LS2/LS6, Rect. Ports	1.15" x 3.37"	.030"
M77MS20057	GM LS1/LS2/LS6, Rect. Ports	1.15" x 3.37"	.060"
M77MS20058	GM LS1/LS2/LS6, Rect. Ports	1.15" x 3.37"	.120"
M77MS20059	GM LS7/C5R/World LS7X, Rect. Ports	1.37" x 2.41"	.030"
M77MS20060	GM LS7/C5R/World LS7X, Rect. Ports	1.37" x 2.41"	.060"
M77MS20061	GM LS7/C5R/World LS7X, Rect. Ports	1.37" x 2.41"	.120"
M77MS20064	GM LS L92, Rect. Ports	1.25" x 2.50"	.030"
M77MS20065	GM LS L92, Rect. Ports	1.25" x 2.50"	.060"
M77MS20066	GM LS L92, Rect. Ports	1.25" x 2.50"	.120"
M77MS20069	SB Ford 260-351W	1.10" x 2.00"	.060"
M77MS20070	SB Ford 260-351W, GT40/N351/Sports.	1.31" x 2.15"	.060"
M77MS20071	SB Ford, Trick Flow "R" Series	1.37" x 2.30"	.060"
M77MS20072	SB Ford 260-351W, SVO Yates C3	1.85" x 2.22"	.060"
M77MS20073	SB Ford 260-351W, SVO Yates C3/C302	1.47" x 2.31"	.060"

Valley Cover Gaskets

M77MS20020	SB Chevy, Pro Action/RHS 14°	N/A	.060"
M77MS20021	SB Chevy, GM Performance SB2.2	N/A	.060"



GM "604" Crate Engine Pistons

Forged 4032 alloy pistons deliver improved durability compared to the OEM cast pistons found in GM "604" crate engines. Identical in design to the OEM units, flat-top pistons accept stock-sized 1.5mm and 2mm compression rings, and 4mm oil rings. Approved by a wide variety of sanctioning bodies. Sets of eight with press-fit wrist pins.



Part No.	Bore	Stroke	Rod Length	Comp. Height	Dome Volume	Comp. Ratio
Small Block Chevy						
MAH930127805	4.005"	3.480"	5.700"	1.559"	-4.9cc	9.93:1
MAH930127820	4.020"	3.480"	5.700"	1.559"	-4.9cc	9.93:1
MAH930127830	4.030"	3.480"	5.700"	1.559"	-4.9cc	9.93:1

Note: Small block Chevy compression ratios are based on a 64cc combustion chamber.

Valve Cover Gaskets

Durable, long-lasting gaskets are offered in severe-duty, fiber-faced steel core, high-density cork rubber, or laminated silicone/cork material.



Part No.	Application	Type	Thickness
M77VS50755	SB Chevy, 1959-85	Molded Rubber/Steel Carrier	.225"
M77VS50762	SB Chevy, Dart/Buick	Laminated Cork/Composite	.250"
M77VS50763	SB Chevy, Splayed Valve Heads	Steel Core Composite/PTFE	.080"
M77VS50764	SB Chevy, SB2.2 #12480011	Steel Core Composite/PTFE	.080"
M77VS50765	SB Chevy, 12°/14°	Steel Core Composite/PTFE	.080"
M77VS50768	SB Chevy, 1986-97 Centerbolt	Laminated Cork/Composite	.250"
M77VS50769	SB Chevy, 1959-85	Laminated Cork/Composite	.250"
M77VS50771	SB Chevy, 1986-97 Centerbolt	Steel Core Composite/PTFE	.080"
M77VS50756	SB Ford 289-351W	Molded Rubber/Steel Carrier	.225"
M77VS50788	SB Ford 289-351W	Steel Core Composite/PTFE	.080"
M77VS50791	SB Ford 289-351W	Laminated Cork/Composite	.250"
M77VS50792	SB Ford 289-351W	Laminated Cork/Composite	.125"
M77VS50793	SB Ford 289-351W	High Temp. Composite	.060"

Molded Rubber Oil Pan Gaskets

Compressible, high-density rubberized fiber or molded rubber/steel carrier gaskets eliminate leak paths.



Part No.	Application	Type	Thickness
M77OS30568RRH	SB Chevy, 1980-85, RH Dipstick	Molded Rubber	N/A
M77OS32457	SB Chevy, 1975-79 Thick Ft. Seal, LH Dipstick	Molded Rubber/Steel Carrier	.185"
M77OS32496B	SB Chevy, 1986-97 Thick Ft. Seal, RH Dipstick	Molded Rubber/Rigid Carrier	.185"
M77OS32522	SB Chevy, 1957-74 Thin Ft. Seal, LH Dipstick	Rubberized Fiber	.093"
M77OS32523	SB Chevy, 1975-79 Thick Ft. Seal, LH Dipstick	Rubberized Fiber	.093"
M77OS32525	SB Chevy, 1986-97 Thick Ft. Seal, RH Dipstick	Laminate PTFE/Steel Carrier	.080"
M77OS32516	SB Ford 260-302	Rubberized Fiber	.093"
M77OS32490	SB Ford 351W, 1969-93	Rubberized Fiber	.093"
M77OS32491	SB Ford, 1962-82 260-302; 1983-95 5.0L	Molded Rubber/Steel Carrier	.185"

SB Chevy Timing Cover Gasket **NEW!**

M77T27781VC

Composite gasket fits all small block Chevy.



Power Pak Domed Piston Kits

Forged, domed pistons with radiused valve pockets are machined for 1.5mm top, 1.5mm second, and 3.0mm oil rings. Sets of eight include wrist pins, locks, and performance piston rings.



Part No.	Bore	Stroke	Rod Length	Comp. Height	Dome Volume	Comp. Ratio
Small Block Chevy						
MAH930207930	4.030"	3.48"/3.50"	6.000"	1.250"	11cc	13.0:1
MAH930208130	4.030"	3.48"/3.50"	6.125"	1.125"	11cc	13.0:1
MAH930207940	4.040"	3.48"/3.50"	6.000"	1.250"	11.1cc	12.9:1
MAH930208340	4.040"	3.48"/3.50"	6.125"	1.125"	6.0cc	12.0:1
MAH930207960	4.060"	3.48"/3.50"	6.000"	1.250"	11cc	13.0:1
MAH930212525	4.125"	3.750"	6.000"	1.125"	4cc	13.0:1
MAH930212555	4.155"	3.750"	6.000"	1.125"	4cc	13.0:1
MAH930208855	4.155"	4.000"	6.000"	1.000"	4cc	13.9:1
MAH930212565	4.165"	3.48"/3.50"	6.125"	1.125"	4cc	12.3:1
MAH197754565*	4.165"	3.500"	6.125"	1.125"	9.0cc	13.2:1
MAH930208265	4.165"	3.750"	6.000"	1.125"	11cc	14.3:1

Notes: In addition to the rod and stroke combinations listed with each part number, other rod/stroke combinations may work. Compression ratios are based on a 64cc combustion chamber. *Pistons are machined for and sold with 1.0mm top, 1.0mm second, and 2.0mm oil rings.

Power Pak Flat-Top Piston Kits

Forged flat-top pistons with radiused valve pockets use 1.5mm top, 1.5mm second, and 3.0mm oil rings (unless specified). Sets of eight with wrist pins, locks, and performance piston rings.



Part No.	Bore	Stroke	Rod Length	Comp. Height	Dome Volume	Comp. Ratio
Small Block Chevy						
MAH930200030	4.030"	3.48"/3.50"	5.700"	1.550"	-5cc	10.6:1
MAH930203630*	4.030"	3.48"/3.50"	5.700"	1.550"	-5cc	10.6:1
MAH930200330	4.030"	3.48"/3.50"	6.000"	1.250"	-5cc	10.6:1
MAH930200630	4.030"	3.48"/3.50"	6.125"	1.125"	-5cc	10.6:1
MAH930200130	4.030"	3.750"	5.700"	1.425"	-5cc	11.1:1
MAH930203640*†	4.040"	3.48"/3.50"	5.700"	1.550"	-5.0cc	10.3:1
MAH930200040	4.040"	3.48"/3.50"	5.700"	1.550"	-5cc	10.6:1
MAH930200340	4.040"	3.48"/3.50"	6.000"	1.250"	-5cc	10.6:1
MAH930200140	4.040"	3.750"	5.700"	1.425"	-5cc	11.1:1
MAH930202640	4.040"	3.500"	6.000"	1.250"	-4cc	10.6:1
MAH930202640	4.040"	3.480"/3.50"	5.700"	1.550"	-5cc	10.5:1
MAH930200360	4.060"	3.48"/3.50"	6.000"	1.250"	-5cc	10.6:1
MAH930208825	4.125"	4.000"	6.000"	1.000"	-5cc	12.3:1
MAH930208225	4.125"	3.480"/3.50"	6.125"	1.125"	11cc	13.4:1
MAH930200755	4.155"	3.500"	6.125"	1.125"	-5cc	11.0:1
Small Block Chevy Gen. IV LS7 (Compatible with LS7 Style Cyl. Heads)						
MAH930221625†	4.125"	4.000"	6.125"	1.105"	-2.5cc	12.6:1
Small Block Ford						
MAH930244130	4.030"	3.000"	5.090"	1.600"	-6.6cc	9.0:1
MAH930244730	4.030"	3.400"	5.400"	1.090"	-6.6cc	10.0:1
MAH930244732†	4.032"	3.400"	5.400"	1.090"	-6.5cc	10.0:1
MAH930244735	4.035"	3.400"	5.400"	1.090"	-6.00cc	10.1:1
MAH930244745†	4.045"	3.400"	5.400"	1.090"	-6.5cc	10.1:1
MAH930244740	4.040"	3.400"	5.400"	1.090"	-6.6cc	10.0:1
MAH930244140	4.040"	3.000"	5.090"	1.600"	-6.5cc	9.6:1
MAH930244825†	4.125"	3.400"	5.400"	1.090"	-6.5cc	10.4:1
MAH930244425	4.125"	3.500"	6.200"	1.245"	-6.5cc	12.4:1

* Signifies pistons with 4-valve pocket design. In addition to the rod and stroke combinations listed with each part number, other rod/stroke combinations may work. Small block Chevy and small block Ford compression ratios are based on a 64cc combustion chamber.

† Signifies pistons machined to accept 1mm top, 1mm second and 2mm oil rings.

Power Pak Plus 21° Flat-Top Piston Kits **NEW!**

Engineered exclusively for use in small block Chevys fitted with Dart 49cc cylinder heads or other 21° angle milled heads, forged flat-top pistons feature coated skirts, lateral gas ports, and asymmetrical valve pockets. Pistons are machined for 1.0mm top and 1.0mm second compression, and 2.0mm oil rings. Sold complete with pistons, wrist pins, locks, and performance, file-fit piston rings.



Part No.	Bore	Stroke	Rod Length	Comp. Height	Dome Volume	Comp. Ratio
Small Block Chevy						
MAH197724930	4.030"	3.500"	5.700"	1.550"	-7.9cc	12.2:1
MAH197726830	4.030"	3.500"	6.000"	1.250"	-8.9cc	12.0:1
MAH197726840	4.040"	3.500"	6.000"	1.250"	-8.9cc	12.1:1
MAH197726860	4.060"	3.500"	6.000"	1.250"	-8.9cc	12.2:1
MAH197726865	4.065"	3.500"	6.000"	1.250"	-8.9cc	12.2:1

Note Compression ratios are based upon a 49cc combustion chamber.

Power Pak Plus 2bbl Flat-Top Piston Kits **NEW!**

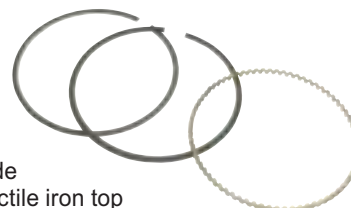
Engineered exclusively for use in 2bbl-powered, small block Chevy race engines fitted with 22°/23° cylinder heads, forged flat-top pistons feature coated skirts, lateral gas ports and asymmetrical valve pockets. Pistons are machined for 1.0mm top and 1.0mm second compression, and 2.0mm oil rings. Choose from high-output or lightweight versions. Sold complete with pistons, wrist pins, locks, and performance, file-fit piston rings.



Part No.	Bore	Stroke	Rod Length	Comp. Height	Dome Volume	Comp. Ratio
Small Block Chevy High Output Pistons						
MAH930202530	4.030"	3.500"	5.700"	1.550"	-4.1cc	10.6:1
MAH930202535	4.035"	3.500"	5.700"	1.550"	-4.1cc	10.6:1
Small Block Chevy Lightweight Pistons						
MAH930206560	4.060"	3.500"	5.700"	1.550"	-2.4cc	10.9:1
MAH930206630	4.030"	3.500"	6.000"	1.250"	-2.4cc	10.8:1

Performance Piston Ring Sets

Mahle performance piston rings, developed with innovative computer simulation and development tools, include barrel-faced, plasma moly/ductile iron top rings, cast iron reverse-twist second rings, and conventional three-piece oil rings. Sets listed require file fitting.



Part No.	Bore	Top Ring	2nd Ring	Oil Ring	Oil Ring Tension
MAH4005MS-15	4.000"	1.5mm	1.5mm	3.0mm	Standard
MAH4035MS-112	4.030"	1.0mm	1.0mm	2.0mm	Standard
MAH4030MS	4.030"	1/16"	1/16"	3/16"	Standard
MAH4040MS-112	4.035"	1.0mm	1.0mm	2.0mm	Standard
MAH4045MS-112	4.040"	1.0mm	1.0mm	2.0mm	Standard
MAH4050ML-043	4.045"	.043"	.043"	3.0mm	Low
MAH4060MS-112	4.055"	1.0mm	1.0mm	2.0mm	Standard
MAH4065MS-112	4.060"	1.0mm	1.0mm	2.0mm	Standard
MAH4075MS-15	4.070"	1.5mm	1.5mm	3.0mm	Standard
MAH4130ML-043	4.125"	.043"	.043"	3.0mm	Low
MAH4130MS-112	4.125"	1.0mm	1.0mm	2.0mm	Standard
MAH4135MS-112	4.130"	1.0mm	1.0mm	2.0mm	Standard
MAH4140MS-112	4.135"	1.0mm	1.0mm	2.0mm	Standard
MAH4150MS-112	4.145"	1.0mm	1.0mm	2.0mm	Standard
MAH4160MS-112	4.155"	1.0mm	1.0mm	2.0mm	Standard
MAH4170ML-043	4.165"	.043"	.043"	3.0mm	Low
MAH4170MS-112	4.165"	1.0mm	1.0mm	2.0mm	Standard
MAH4175MS-112	4.170"	1.0mm	1.0mm	2.0mm	Standard

Lock'n Tool MAHW-927

Wrist pin lock insertion tool. Designed for use with .927" diameter wrist pin clips.



Wrist Pin Lock Ring MAH6441489

Wrist pin C-clip without tang. Designed to retain .927" diameter wrist pins.



Budget Replacement Valves

Better-than-stock valves fit the hobby racer's budget. Original equipment-type underhead design and finishes. Valves are sold in sets of eight.*

Part No.	Type	Size	Stem	Installed Height
Small Block Chevrolet 262-400				
MAN10077-8	Exhaust	1.500"	.3415"	Stock
MAN10649-8	Exhaust	1.600"	.3415"	Stock
MAN10476-8	Intake	1.940"	.3415"	Stock
MAN10650-8	Intake	2.020"	.3415"	Stock

Budget Performance Valves

Fully-machined swirl polished valves include chrome stems and hard tips. A top-of-the-line valve for the value-conscious engine builder. Stock and +.100" lengths available. Sold in sets of eight.*

Part No.	Type	Size	Stem	Installed Height
Small Block Chevrolet 262-400				
MAN10577-8	Exhaust	1.500"	.3415"	Stock
MAN10549-8	Exhaust	1.600"	.3415"	Stock
MAN10551-8	Exhaust	1.600"	.3415"	.100" Longer
MAN10576-8	Intake	1.940"	.3415"	Stock
MAN10550-8	Intake	2.020"	.3415"	Stock
MAN10552-8	Intake	2.020"	.3415"	.100" Longer
MAN10554-8	Intake	2.055"	.3415"	Stock
MAN10556-8	Intake	2.055"	.3415"	.100" Longer

Street Master Valves

Straight-stemmed XH-424 stainless exhaust valves and NK-841 stainless intake valves have chrome stems, hard tips, swirl-polished underhead areas, and fully machined combustion faces. Street Master valves are an excellent choice for mild performance engines. Sold in sets of eight.*

Part No.	Type	Size	Stem	Installed Height
Small Block Chevrolet 262-400				
MAN10777-8	Exhaust	1.500"	.3415"	Stock
MAN10749-8	Exhaust	1.600"	.3415"	Stock
MAN10776-8	Intake	1.940"	.3415"	Stock
MAN10750-8	Intake	2.020"	.3415"	Stock

Street Flo Valves

Made with the same quality materials as the Street Master, but with "Pro-Flo" underhead design. Sold in sets of eight.*

Part No.	Type	Size	Stem	Installed Height
Small Block Chevrolet 262-400				
MAN10721-8	Exhaust	1.500"	.3415"	Stock
MAN10765-8	Exhaust	1.600"	.3415"	Stock
MAN10766-8	Intake	2.020"	.3415"	Stock
Small Block Ford 289-351W				
MAN10775-8	Exhaust	1.550"	.3415"	Stock
MAN10778-8	Intake	1.850"	.3420"	Stock

Race Flo Valves

Race Flo valves have been necked down in the port area to enhance flow. Exhaust valves are XH-426 stainless steel while intake valves are NK-842 stainless steel. Valve stems are fully chromed with hardened tips. Valves are swirl polished and fully machined. Sold in sets of eight.*

Part No.	Type	Size	Stem	Installed Height
Small Block Chevrolet 262-400				
MAN11521-8	Exhaust	1.500"	.3415"	Stock
MAN11501-8	Exhaust	1.560"	.3415"	Stock
MAN11565-8	Exhaust	1.600"	.3415"	Stock
MAN11545-8	Exhaust	1.600"	.3415"	.100" Longer
MAN11522-8	Intake	1.940"	.3415"	Stock
MAN11500-8	Intake	2.000"	.3415"	Stock
MAN11566-8	Intake	2.020"	.3415"	Stock
MAN11568-8	Intake	2.055"	.3415"	Stock
MAN11546-8	Intake	2.055"	.3415"	.100" Longer
MAN11560-8	Intake	2.080"	.3415"	.100" Longer
Small Block Ford 289-351W				
MAN11523-8	Exhaust	1.465"	.3415"	Stock
MAN11531-8†	Exhaust	1.600"	.3415"	Stock
MAN11578-8	Intake	1.850"	.3420"	Stock
MAN11566-8†	Intake	2.020"	.3415"	Stock

† Ford valves with .250" tips must use non-rail type stock rockers or roller rockers.

Race Master Valves

Manley's Race Master valves have straight, fully chromed stems and hardened tips. Valves are thoroughly machined and swirl polished. Intake valves are made of NK-842 stainless steel and exhaust valves are XH-426 stainless steel. Sold in sets of eight (unless noted).*

Part No.	Type	Size	Stem	Installed Height
Small Block Chevrolet 262-400				
MAN11861-8	Exhaust	1.500"	.3415"	Stock
MAN11863-8	Exhaust	1.600"	.3415"	Stock
MAN11877-8	Exhaust	1.600"	.3415"	.100" Longer
MAN11860-8	Intake	1.940"	.3415"	Stock
MAN11864-8	Intake	2.020"	.3415"	Stock
MAN11318-8	Intake	2.020"	.3415"	.100" Longer
MAN11806-8	Intake	2.055"	.3415"	Stock
MAN11810-8	Intake	2.055"	.3415"	.100" Longer
MAN11808-8	Intake	2.080"	.3415"	Stock
MAN11812-8	Intake	2.080"	.3415"	.100" Longer
Small Block Chevy Gen. III LS1/LS2 (LS6 Head)				
MAN11361-8	Exhaust	1.550"	.3136"	Stock
MAN11360-8	Intake	2.000"	.3136"	Stock
MAN11362-8	Intake	2.020"	.3136"	Stock
Small Block Chevy Gen. III LS3/L99 (L92 Head)				
MAN11621-8	Exhaust	1.590"	.3136"	Stock
MAN11620-8	Intake	2.165"	.3133"	Stock
Small Block Chevy Gen. IV LS7				
MAN11689-8	Exhaust	1.615"	.3136"	Stock
Ford 2300cc 4-Cylinder				
MAN11793-4†	Exhaust	1.590"	.3415"	Stock
MAN11792-4†	Intake	1.890"	.3415"	Stock

† Finished valves for "Esslinger" flat tappet applications.

Severe-Duty "Pro-Flo" Valves

Severe-Duty "Pro-Flo" valves have many features of the Race-Flo line, but are made of severe-duty material. Exhaust valves are made from XH-428 stainless steel and intake valves are made from NK-844 stainless steel. Valve stems are fully chromed with hardened tips. "Pro-Flo" design offers an increase in flow up to 40% over other popular designs. Valves are swirl polished and fully machined. Sold in sets of eight.*

Part No.	Type	Size	Stem	Installed Height
Small Block Chevrolet 262-400				
MAN11823-8	Exhaust	1.600"	.3415"	.100" Longer
MAN11824-8	Intake	2.055"	.3415"	.100" Longer
MAN11772-8	Intake	2.080"	.3415"	.100" Longer

Severe-Duty Valves

Made of XH-428 stainless steel which has double the tensile strength of imported valves at 1500°F. Nk-844 stainless steel intake valves have a fatigue strength 1000 times greater than imported valves. Sold in sets of 8.

Part No.	Type	Size	Stem	Installed Height
Small Block Chevrolet 262-400				
MAN11567-8*	Exhaust	1.500"	.3415"	Stock
MAN11543-8*	Exhaust	1.600"	.3415"	Stock
MAN11595-8†	Exhaust	1.600"	.3415"	Stock
MAN11539-8*	Exhaust	1.600"	.3415"	.100" Longer
MAN11869-8	Exhaust	1.600"	.3415"	.100" Longer
MAN11749-8‡	Exhaust	1.600"	.3415"	.100" Longer
MAN11705-8‡	Exhaust	1.600"	.3415"	.200" Longer
MAN11865-8‡	Exhaust	1.600"	.3415"	.200" Longer
MAN11751-8‡	Exhaust	1.600"	.3415"	.200" Longer
MAN11755-8‡	Exhaust	1.600"	.3415"	.400" Longer
MAN11513-8‡	Exhaust	1.600"	.3415"	.500" Longer
MAN11763-8‡	Exhaust	1.625"	.3415"	.600" Longer
MAN11592-8	Intake	1.937"	.3415"	Stock
MAN11886-8	Intake	1.940"	.3415"	.100" Longer
MAN11826-8	Intake	2.020"	.3415"	.100" Longer
MAN11846-8	Intake	2.055"	.3415"	.100" Longer
MAN11818-8	Intake	2.080"	.3415"	Stock
MAN11844-8	Intake	2.080"	.3415"	.100" Longer
MAN11858-8	Intake	2.080"	.3415"	.200" Longer
Small Block Chevy Gen. III LS1/LS2 (LS6 Head)				
MAN11673-8	Exhaust	1.550"	.3136"	Stock
MAN11675-8	Exhaust	1.575"	.3136"	Stock
MAN11681-8‡	Exhaust	1.575"	.3136"	Stock
MAN11677-8	Exhaust	1.600"	.3136"	Stock
Small Block Chevy Gen. IV LS7				
MAN11679-8	Exhaust	1.610"	.3136"	Stock
MAN11688-8	Intake	2.205"	.3133"	Stock

* 7° dish face and 4.911" length ‡ Valve has 10° underhead angle.
† Flat face and 4.936" length S Valve has 15° underhead angle.
‡ Extreme duty valve made from top-of-the-line XtremeAlloy exhaust material.

GM LS NexTek Valve Spring Kits **NEW!**

Designed for popular GM LS engines with a maximum valve lift of .660", each kit is complete with (16) high-performance NexTek valve springs, (16) valve spring locators, (16) 7° retainers, (16 pair) 7° machined valve locks, and (16) Viton valve stem seals. Choose from kits with steel or lightweight titanium retainers.

Part No.	Description
MAN26362134KS	Valve Spring Kit with Steel Retainers
MAN26362334KS	Valve Spring Kit with Titanium Retainers

NexTek Series Oval Track Valve Springs

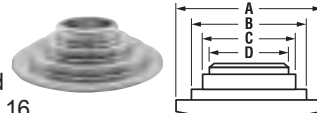
Put an end to spring degradation. NexTek springs are made from specially wound, heat-treated, and finish-treated chrome silicon. Spring I.D.'s are fully chamfered for retainer clearance. Sold in sets of 16.

Part No.	O.D./I.D.	Max. Valve Lift	Seat Pressure	Open Pressure	Coil Bind
Late Model, Flat Tappet					
MAN221432-16	1.530"/.750"	.630"	162@1.900"	425@1.300"	1.200"
Oval Track, Roller					
MAN221440P-16†	1.570"/.760"	.700"	255@2.000"	629@1.300"	1.190"
MAN221441P-16†	1.570"/.750"	.730"	280@2.030"	700@1.300"	1.215"
MAN221442-16	1.560"/.812"	.750"	260@2.000"	660@1.250"	1.200"
BGN, WoO, LM					
MAN221443-16	1.580"/.832"	.730"	235@1.950"	610@1.250"	1.170"
MAN221443P-16†	1.580"/.832"	.730"	235@1.950"	610 @ 1.250"	1.170"
MAN221444-16	1.610"/.842"	.750"	235@2.050"	645@1.300"	1.220"
Oval Track, Roller					
MAN221445P-16†	1.620"/.852"	.800"	280@2.050"	680@1.250"	1.200"
MAN221452SF-16*	1.550"/.800"	.825"	250@2.025"	750@1.200"	1.150"
Sportsman					
MAN221454-16	1.650"/.855"	.850"	290 @ 2.000"	825 @ 1.150"	1.105"

* Signifies Super Finished. † Signifies polished finish.

10° Titanium Retainers

Manley's 6AL 4V titanium 10° retainers have the durability needed for racing engines. Sold in sets of 16.



Part No.	Spring Type	Height	Spring O.D.	Dimensions			
				A	B	C	D
MAN23640-16	Double	+.100"	1.625"	1.500"	1.175"	.850"	—
MAN23644-16	Double	Std.	1.550"	1.500"	1.140"	.740"	—
MAN23648-16	Double	+.100"	1.580"/1.610"	1.500"	1.150"	.825"	—
MAN23650-16	Double	+.100"	1.550"	1.500"	1.140"	.740"	—
MAN23654-16	Double	Std.	1.625"	1.500"	1.175"	.765"	—
MAN23655-16	Double	+.100"	1.625"	1.500"	1.175"	.765"	—
MAN23658-16	Double	Std.	1.550"	1.500"	1.105"	.710"	—
MAN23660-16	Double	+.100"	1.550"	1.500"	1.105"	.710"	—
MAN23661-16	Double	+.100"	1.550"	1.500"	1.120"	.705"	—

Valve Locks

Heat-treated, black oxide-coated steel locks are available in extra-thick Super 7° or traditional 10° for conventional or bead lock valves. Sets of 8 (16 pieces) or 16 (32 pieces).



Part No.	Description	Installed Height	Lock Style
Super 7°			
MAN13050-8	5/16" Valve Locks	.050" Less	Bead Loc
MAN13051-8	5/16" Valve Locks	Standard	Bead Loc
MAN13052-8	5/16" Valve Locks	.050" More	Bead Loc
MAN13060-8	11/32" Valve Locks	.050" Less	Bead Loc
MAN13061-8	11/32" Valve Locks	Standard	Bead Loc
MAN13062-8	11/32" Valve Locks	.050" More	Bead Loc
MAN13080-16	5/16" Valve Locks	Standard	Conventional
MAN13081-16	11/32" Valve Locks	.050" Less	Conventional
MAN13083-16	11/32" Valve Locks	Standard	Conventional
MAN13084-16	11/32" Valve Locks	.050" More	Conventional
Machined 7°			
MAN13094-16	8mm Valve Locks	.050" Less	GM LS/LT-1
10°			
MAN13096-16	5/16" Valve Locks	Standard	Conventional
MAN13097-16*	11/32" Valve Locks	Standard	Conventional
MAN13150-8	5/16" Valve Locks	.050" Less	Bead Loc
MAN13151-8	5/16" Valve Locks	Standard	Bead Loc
MAN13152-8	5/16" Valve Locks	.050" More	Bead Loc
MAN13160-8	11/32" Valve Locks	.050" Less	Bead Loc
MAN13161-8**	11/32" Valve Locks	Standard	Bead Loc
MAN13162-8	11/32" Valve Locks	.050" More	Bead Loc
MAN13170-8	7mm Valve Locks	Standard	Bead Loc
MAN13194-16	11/32" Valve Locks	Standard	Conventional
MAN13195-16	3/8" Valve Locks	Standard	Conventional
MAN13198-16	11/32" Valve Locks	.050" More	Conventional

* Not recessed to accept a wear cap. ** Lightweight titanium material

Titanium 10° Valve Locks

Lightweight valve locks are precision crafted from durable titanium

Part No.	Valve Stem	Installed Height	Groove Type	Qty.
MAN13084T-16	.3415"	.050" More	Conventional	16 Pair
MAN13151T-8	.3110"	Standard	Bead Loc	8 Pair
MAN13161T-8	.3415"	Standard	Bead Loc	8 Pair
MAN13194T-16	.3415"	Standard	Conventional	16 Pair



JIMMY MAYS

TODD HEALEY



Chrome Moly Pushrods

Heat-treated 4130 chrome moly pushrods have swaged ends and are black oxide finished for corrosion protection. Available in 5/16" (.080" wall), 3/8" (.080" and .120" wall), and 7/16" (.125" wall) diameters. The 5/16" pushrods are available individually and in sets of 16; 3/8" pushrods are available individually and in sets of 8; and 7/16" pushrods are sold individually. For singles, replace the -16 or -8 with a -1.

Length	5/16" Dia., .080" Wall Part No.	3/8" Dia., .080" Wall Part No.	3/8" Dia., .120" Wall Part No.	7/16" Dia., .125" Wall Part No.
7.000"	MAN25700-16	—	MAN25319-1	—
7.050"	MAN25727-16	—	—	—
7.100"	MAN25729-16	—	—	—
7.150"	MAN25741-16	—	—	—
7.200"	MAN25733-16	—	—	—
7.250"	MAN25734-16	—	—	—
7.300"	MAN25730-16	—	—	—
7.350"	MAN25751-16	—	—	—
7.400"	MAN25735-16	MAN25822-8	—	—
7.450"	MAN25736-16	MAN25836-8	—	—
7.500"	MAN25754-16	MAN25854-8	—	—
7.550"	MAN25755-16	MAN25818-8	—	—
7.600"	MAN25767-16	MAN25876-8	—	—
7.650"	MAN25768-16	—	—	—
7.700"	MAN25772-16	MAN25828-8	—	—
7.750"	MAN25707-16	MAN25832-8	—	—
7.794"	MAN25785-16†	—	—	—
7.800"	MAN25709-16	MAN25787-8	—	—
7.850"	MAN25711-16	MAN25878-8	—	—
7.900"	MAN25712-16	MAN25788-8	—	—
7.950"	MAN25715-16	MAN25814-8	—	—
8.000"	MAN25716-16	MAN25816-8	MAN25339-1	—
8.050"	MAN25721-16	MAN25821-8	MAN25340-1	—
8.100"	MAN25722-16	MAN25810-8	MAN25341-1	—
8.150"	MAN25744-16	MAN25815-8	MAN25342-1	—
8.200"	MAN25745-16	MAN25820-8	MAN25343-1	—
8.250"	MAN25701-16	MAN25825-8	MAN25344-1	MAN25141-1
8.275"	MAN25753-16	—	—	—
8.280"	—	MAN25795-8	—	—
8.300"	MAN25702-16	MAN25830-8	MAN25345-1	—
8.325"	—	MAN25826-8	—	—
8.350"	MAN25703-16	MAN25835-8	MAN25346-1	—
8.375"	MAN25763-16	—	—	—
8.380"	—	MAN25769-8	—	—
8.400"	MAN25706-16	MAN25840-8	MAN25347-1	MAN25145-1
8.425"	MAN25764-16	—	—	—
8.450"	MAN25708-16	MAN25845-8	MAN25348-1	MAN25146-1
8.500"	MAN25774-16	MAN25850-8	MAN25349-1	MAN25147-1
8.550"	MAN25710-16	MAN25855-8	MAN25350-1	MAN25148-1
8.600"	MAN25718-16	MAN25860-8	MAN25351-1	MAN25149-1
8.650"	MAN25724-16	MAN25865-8	MAN25352-1	MAN25150-1
8.680"	—	MAN25797-8	—	—
8.700"	MAN25799-16	MAN25870-8	MAN25353-1	MAN25152-1
8.750"	MAN25738-16	MAN25875-8	MAN25354-1	MAN25153-1
8.800"	MAN25742-16	MAN25880-8	MAN25355-1	MAN25154-1
8.850"	MAN25746-16	MAN25885-8	MAN25356-1	MAN25155-1
8.900"	MAN25758-16	MAN25890-8	MAN25357-1	MAN25156-1
8.950"	MAN25757-16	MAN25895-8	MAN25358-1	MAN25157-1
9.000"	—	MAN25900-8	MAN25359-1	MAN25158-1

† 1010 material

Pushrods by Application

We've listed common applications of 5/16" and 3/8" diameter chrome moly pushrods. All pushrods are 4130 steel, heat-treated, and black oxide-finished for corrosion protection. Sets of 8 or 16.

Part No.	Application	Length	Dia.
MAN25709-16	SB Chevrolet 262-400 Stock Length	7.800"	5/16"
MAN25787-8	SB Chevrolet 262-400 Stock Length	7.800"	3/8"
MAN25711-16	SB Chevrolet 262-400 +.050"	7.850"	5/16"
MAN25712-16	SB Chevrolet 262-400 +.100"	7.900"	5/16"
MAN25788-8	SB Chevrolet 262-400 +.100"	7.900"	3/8"
MAN25706-16	SB Ford 351C Stock Length	8.400"	5/16"
MAN25744-16	SB Ford 351W	8.150"	5/16"

SB Chevy Steel Guide Plates

Stamped for accuracy and heat-treated to reduce wear. Designed for use with 5/16" dia. pushrods. Choose from flat or raised versions. Set of eight.



Part No.	Description
MAN42151-8	Raised Steel, On-Center Stud
MAN42355-8	Flat Steel, On-Center Stud

Note: Heat-treated pushrods must be used with guide plates.

Valve Stem Seals

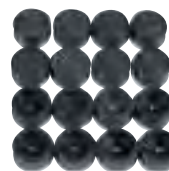
Viton valve seals are profiled to clear small I.D. inners in triple valve springs. Sets of eight.



Part No.	Description	Guide O.D.	Seal O.D.
MAN24043-8	11/32" Valve Seals	.500"	.620"
MAN24045-8	11/32" Valve Seals	.530"	.674"

Wear Caps

Reduce valve tip wear with 4140 alloy steel, heat-treated wear caps. Available in standard (16 per set), and non-rotating (8 per set).



Part No.	Description
MAN42104-16	11/32" Wear Caps, Standard, 16 pcs.
MAN42301-8	11/32" Wear Caps, Non-Rotating, 8 pcs.

Pushrod Length Checkers

A must for all racers and engine builders. In just seconds, this tool can determine the exact length pushrod needed for a particular application. Complete with instructions.



Part No.	Description
MAN42132	SB Chevy with 7/16" Studs
MAN42137	SB Chevy with 3/8" Studs

Race Roller Timing Kits

Premium-quality timing kits have cast camshaft sprockets, fully machined crankshaft sprockets with three keyways, and NASCAR Cup-style roller chains with .250" diameter rollers.



Part No.	Description
MAN73141	1955-78 SB Chevy Timing Kit, Includes Roller Thrust Button, Torrington Bearing and Cam Lock Plate
MAN73181	SB Chevy Timing Kit, Includes Torrington Bearing
MAN76161	SB Chevy Replacement Roller Chain

Roller Thrust Button

Placed between the camshaft nose and timing chain cover to prevent the camshaft from "walking" forward in the block.



Part No.	Description
MAN42111	SBC with Early (Up to 1978) Timing Covers; All BBC
MAN42113	SBC with Late (1979-Up) Timing Cover

Chevy Cam Lock Plate

Plate secures the camshaft bolts firmly in place. Fits small and big block Chevs.





SB Chevy 4340 Forged Steel IMCA-Legal Crankshaft **MAN190310**



Premium-quality 4340 forged steel crankshaft is a non-twist forging acceptable for use in popular IMCA Hobby Stock and Sport Mod classes. Designed for popular small Chevy internally balanced engines with a 3.480" stroke and two-piece rear main seal, this lightweight crankshaft has been heat-treated, stress-relieved, shot-peened, nitrided, and magnafluxed. Crank also features micro-polished, large-radius journals and requires narrowed rod bearings.

Application	Stroke	Rod Length	Main Journal	Rod Journal	Weight
SB Chevy, 2-Pc. Rear Main Seal	3.480"	5.700"	2.450"	2.100"	48-50 lbs.

Notes: Crankshaft is for internally balanced, 2-piece rear main seal applications and requires narrowed, high-performance rod bearings. Two center rod journals are not gun drilled.

Extreme-Pressure Lube #3 **MAN40177**

Primarily used as a fastener lubricant, product is preferred by many top engine builders. 4-oz. tube.



SB Chevy Sportmaster® Connecting Rods

Rods are CNC-machined from quality 4340 forgings. Held to exacting tolerances for bore size, taper, and bend/twist, each rod is profiled around the entire beam to remove stress risers, resulting in a very light finished piece. After machining, the entire rod, including the bolt pad, is shot-peened for durability. ARP8740 3/8" dia. cap screws (190,000 PSI) are used exclusively, as are premium Ampco 18 bushings in the pin end. Shipped in weight-matched (± 1.5 grams) sets of 8 only. Perfect for Pro Stock, Late Model, and Sportsman racers with engines up to 550 horsepower @ 8,000 RPM. Listed rods have a big end width of .940" and a pin end width of .980". Sold in sets of eight.



Part No.	Description	Center-to-Center	Big End Bore	Pin Bore	Gram Weight
MAN14101-8	Stock Length, Large Journal	5.700"	2.225"	.9281"	555
MAN14103-8	.300" Longer, Large Journal	6.000"	2.225"	.9281"	578

SB Chevy Superior Head Bolts

High-quality, 180,000 PSI fasteners are longer than stock and have an underhead radius to prevent premature stretch and failure. Bolts are or use with **MAN42102** head bolt washers. The 1/2" hex head allows greater wrenchability.



Part No.	Description
MAN42171	SB Chevy Superior Head Bolts, 17 (Services 1 Cyl. Head)
MAN42102	SB Chevy Head Bolt Washers, Set of 34 (Services 2 Cyl. Heads)



RS Series Motor Oils

Full 100% synthetic triple ester race-grade oil incorporates an industry-leading additive system that provides both maximum performance and increased protection. Advanced formula uses special anti-wear/extreme-pressure additives to provide superior engine protection, even under extreme loads and peak temperatures. Sold in 1-quart bottles or in cases. Not recommended for street use.



Description	1-Qt. Bottle	1 Case (12/1-Qt. Bottles)	1-Gallon Jug	1 Case (4/1-Gallon Jugs)
0W-10	MAX39-13901S	MAX39-13901	—	—
0W-20	MAX39-14901S	MAX39-14901	—	—
5W-20	MAX39-04901S	MAX39-04901	—	—
5W-30	MAX39-91901S	MAX39-91901	MAX39-919128S	MAX39-919128
10W-30	MAX39-01901S	MAX39-01901	MAX39-019128S	MAX39-019128
10W-40	MAX39-16901S	MAX39-16901	MAX39-169128S	MAX39-169128
15W-50	MAX39-32901S	MAX39-32901	MAX39-329128S	MAX39-329128

Semi-Syn Motor Oils

High-performance oil is a complex blend of highly refined base stocks and carefully selected synthetic esters that protects critical engine components beyond conventional oils. Semi-Syn is a fully formulated race oil that is compatible with petroleum or synthetic engine oils. High-zinc/phosphorous formula is ideal for use in flat tappet or roller camshaft engines. Sold in 1-quart bottles or in cases.



Description	1-Qt. Bottle	1 Case (12/1-Qt. Bottles)	1-Gallon Jug	1 Case (4/1-Gallon Jugs)
10W-40	MAX39-34901BS	MAX39-34901B	MAX39-349128BS	MAX39-349128B
20W-50	MAX39-35901BS	MAX39-35901B	MAX39-359128BS	MAX39-359128B

Performance Motor Oils

High-performance petroleum oil is formulated using a technologically advanced additive package that is combined with a blend of highly refined petroleum base stocks. Lubricant resists mechanical breakdown and viscosity loss, while reducing wear on lifters, cams, and bearings. High-zinc/phosphorous formula is ideal for use in flat tappet or roller camshaft engines. Sold in 1-quart bottles or in cases.



Description	1-Qt. Bottle	1 Case (12/1-Qt. Bottles)	1-Gallon Jug	1 Case (4/1-Gallon Jugs)
10W-40	MAX39-34901S	MAX39-34901	—	—
20W-50	MAX39-35901S	MAX39-35901	—	MAX39-359128



Performance Break-In Motor Oils

Engineered specifically for the critical break-in process, lubricant includes an elevated high-zinc/phosphorous formula that is blended with pure petroleum base stocks and anti-wear additives. Sold in 1-quart bottles or in cases. Not recommended for street use.



Description	1-Qt. Bottle	1 Case (12/1-Qt. Bottles)	1-Gallon Jug	1 Case (4/1-Gallon Jugs)
5W-16	MAX39-09901S	MAX39-09901	—	—
10W-30	MAX39-10901S	MAX39-10901	MAX39-109128S	MAX39-109128
15W-50	MAX39-11901S	MAX39-11901	MAX39-119128S	MAX39-119128

HD Diesel Motor Oil

A fully formulated, heavy-duty diesel motor oil that offers superior protection from heat, soot, and acids, while preventing wear caused by deposits and corrosion. Oils offer superior film strength, even during high-temperature operation, for improved protection, performance, and fuel efficiency. Sold in 1-gallon jugs or in cases.



Description	1 Case (4/1-Gallon Jugs)
15W-40	MAX39-029128

Formula K2

A 100% synthetic, polyol ester based two-cycle lubricant that offers improved protection to pistons, cylinder walls, cranks and bearings. May be used with leaded or unleaded fuels. Premix only.



Description	16-oz. Bottle	1 Case (12/16-oz. Bottles)
Formula K2	MAX22916S	MAX22916

Castor 927

Castor 927 is the ultimate two-cycle oil, fortified with clean-burning additives to reduce rust, oxidation, ring sticking, carbon build-up, and power valve maintenance. Premix only.



Description	16-oz. Bottle	1 Case (12/16-oz. Bottles)
Castor 927	MAX23916S	MAX23916

Syn Racing ATF

High-performance automatic transmission racing fluid is a fully synthetic formula with anti-wear and extreme pressure additives that is designed to perform under high-stress/high-load racing conditions. Fluid uses a no-slip formula to deliver clean, crisp shifts, while reducing clutch drag and friction. Sold in 1-quart bottles or in cases.



Description	1-Qt. Bottle	1 Case (12/1-Qt. Bottles)
20W	MAX49-01901S	MAX49-01901

Performance Gear Oil

Petroleum based gear oil uses high-quality, ultra-pure base oils to deliver maximum-performance and protection. Lubricant resists shearing, mechanical breakdown and loss of viscosity. Recommended in any differential where an API GL-5 gear oil is specified. Sold in 1-gallon containers or in cases.



Description	1-Gallon Jug	1 Case (4/1-Gallon Jugs)
85W-140	MAX49-429128S	MAX49-429128

Pro Gear 75W-90

Full-synthetic, high-performance ester racing gear oil provides unsurpassed performance and protection. Lubricant resists shearing, mechanical breakdown, and loss of viscosity. Recommended in any differential where an API GL-5 gear oil is specified. Sold in one-quart bottles, one gallon jugs, 5-gallon pails, or in cases.



1-Qt. Bottle	1 Case (12/1-Qt. Bottles)	1-Gallon Jug	1 Case (4/1-Gallon Jugs)	5-Gallon Pail
MAX49-449128S	MAX49-449128	MAX49-449128S	MAX49-449128	MAX49-44505

Synthetic Racing Shock Fluid

A full-synthetic race-grade shock fluid engineered to withstand extreme temperatures and loads. Fluid includes a special additive system to provide clean, trouble-free operation over extended periods. Sold in one-quart bottles, cases of (12) one-quart bottles, or in 5-gallon pails.



Description	32-oz. Bottle	1 Case (12/32-oz. Bottles)	5-Gallon Pail
3W	MAX50-57901S	MAX50-57901	MAX59-58505L

Racing Shock Fluid

RSF includes a synthetic polymer package that offers a very high viscosity index and extremely low pour point, providing consistent performance over a wide temperature range. Offered in 3W and 10W formulas, and sold in one-quart bottles or in cases.



Description	32-oz. Bottle	1 Case (12/32-oz. Bottles)
RSF, 3 Wt. Light	MAX59-58932LS	MAX59-58932L
RSF, 10 Wt. Heavy	MAX58901HS	MAX58901H

Syn PSF

Syn PSF is a high-performance, synthetic power steering fluid that is engineered to endure the severe stress and high temperatures common to racing. Fluid prevents wear, thermal breakdown, and oxidation.



Description	1-Quart Bottle	1 Case (12/1-Quart Bottles)
Syn PSF	MAX89-01901S	MAX89-01901

Brake Fluid **NEW!**

Maxima racing brake fluid protects against moisture contamination and includes high boiling points for maximum effectiveness. Choose from several formulas.



Description	16.9-oz. Bottle	1 Case (24/16.9-oz. Bottle)
Universal DOT 4	MAX80-86916S	MAX80-86916
Racing 600+ DOT 4	MAX80-87916S	MAX80-87916
Silicone Base DOT 5	MAX80-81916S	MAX80-81916
Racing DOT 5.1	MAX80-82916S	MAX80-82916

Cool-Aide

Racing coolant and additive reduces engine coolant temperatures and provides more efficient heat transfer. Offered in ready-to-use or concentrate formulas. Cool-Aide mixes with water and anti-freeze, and does not offer freeze protection.



16-oz. Bottle	1 Case (12/16-oz. Bottles)	64-oz. Container	1 Case (6/64-oz. Containers)
MAX84916S	MAX84916	MAX84964S	MAX84964



Coolanol

High-performance coolant is a premixed, ready-to-use premium antifreeze and deionized water package that protects against rust, corrosion, foaming, and cavitation, while providing lubrication to the water pump and seals.

Description	1-Gallon Container	1 Case (4/1-Gallon Containers)
Coolanol	MAX82964S	MAX82964



Air Filter Cleaner

Heavy-duty, emulsion-type cleaner has the ability to clean foam or fabric air filters without damaging foam cells, paper, or glue. Removes oil, dust, and dirt, and washes out with water. Sold in 15.5-oz. aerosol cans, or in cases.

Description	1 Case (12/15.5-oz. Cans)	64-oz. Container	1 Case (6/64-oz. Containers)
Air Filter Cleaner	MAX79920	MAX70-79964S	MAX70-79964



Fab 1

Spray-on air filter oil delivers unsurpassed protection from the elements.

Description	13-oz. Can	1 Case (12/13-oz. Cans)
Fab 1	MAX61920S	MAX61920



Air Filter Care Kit

Clean and oil air filters quickly and effectively for increased air flow and horsepower. All-in-one two-pack includes Air Filter Cleaner (15.5-oz. aerosol) and Fab 1 (13-oz. aerosol) spray-on air filter oil.

Description	Air Filter Care Kit	1 Case (6/2-Pack Kits)
Air Filter Care Kit	MAX70-799202S	MAX70-799202



Foam Filter Treatment

Race-proven Foam Filter Treatment catches dirt and fine dust without restricting air flow. Will not plug foam cells or migrate off of filter.

Description	16-oz. Bottle	1 Case (12/16-oz. Bottles)
FFT	MAX60916S	MAX60916



Hi-Test

Concentrated octane booster readily mixes with all gasolines, alcohol, or nitro mixtures, suppressing detonation and pre-ignition. One ounce per gallon raises the octane number of gasoline approximately four points. May be used in concentrations of one to four ounces per gallon of gasoline.

Description	16-oz. Container	1 Case (12/16-oz. Containers)
Hi-Test	MAX83916S	MAX83916



Suspension Clean

Unique formula helps clean suspension components quickly and easily, leaving no residue. Product incorporates strong industrial cleaners with a powerful spray and will not harm O-rings or seals.

Description	13-oz. Aerosol Can	1 Case (12/13-oz. Cans)
Suspension Clean	MAX71920S	MAX71920



Contact Cleaner

A blend of cleaning agents that displace moisture, while removing grease, grime, and oil. Heavy-duty aerosol cleaner is outstanding for use on ignitions, spark plugs, electrical components, etc.

Description	13-oz. Aerosol Can	1 Case (12/13-oz. Cans)
Contact Cleaner	MAX72920S	MAX72920



Assembly Grease **NEW!**

Assembly lubricant is a specially-blended, calcium sulfonate complex soap thickener combined with a proprietary additive system for unmatched thermal stability and extreme-pressure performance. Oil-soluble formula will not clog filters, while protecting against corrosion, water washout, and wear.

Description	16-oz. Container	1 Case (12/16-oz. Containers)
Assembly Grease	MAX69-02916S	MAX69-02916



Chain Wax

Parafilm formula sprays on as a liquid, penetrates, and sets-up as a soft, waxy film, protecting the chain from the elements. High-performance lubricant is suited to X, Z, and O-ring chains, providing protection from rust and corrosion.

Description	13.5-oz. Aerosol Can	1 Case (12/13.5-oz. Cans)
Chain Wax	MAX74920S	MAX74920



Synthetic Chain Guard

Crystal-clear, 100% synthetic formula penetrates inner pins and rollers, lubricating and providing protection from friction, shock load, and high temperatures. Guards against rust and corrosion, while resisting fling-off. Safe for X, Z, and O-ring chains.

Description	15.5-oz. Aerosol Can	1 Case (12/15.5-oz. Cans)
Synthetic Chain Guard	MAX77920S	MAX77920



Clean-Up Chain Cleaner

Thoroughly cleans chains without harming rubber O-rings or metal surfaces. Clean-Up dissolves quickly and removes hard-to-clean buildup on chains.

Description	15.5-oz. Aerosol Can	1 Case (12/15.5-oz. Cans)
Clean Up Chain Cleaner	MAX75920S	MAX75920



Multi-Purpose Penetrant Lube

MPPL is an all-purpose, spray-on penetrating lubricant that delivers light lubrication, while providing a barrier from rust and corrosion. Displaces moisture and helps loosen rusted fasteners.

Description	15.5-oz. Aerosol Can	1 Case (12/15.5-oz. Cans)
MPPL	MAX73920S	MAX73920





Speed Wax

All-in-one detailer conditions, shines, and protects painted surfaces, chrome, and plastic. Sets-up quickly and easily wipes from smooth surfaces.

Description	15.5-oz. Aerosol Can	1 Case (12/15.5-oz. Cans)
Speed Wax	MAX70-76920S	MAX70-76920



SC1

Cleans and polishes plastic, fiberglass, and painted surfaces. Excellent for use as a clear coat to prevent mud, dirt, and rubber from adhering to body panels.

Description	12-oz. Aerosol Can	1 Case (12/12-oz. Cans)
SC1	MAX78920S	MAX78920



Bio Wash

A biodegradable, all-purpose cleaner that removes grease, grime, and oil with ease. Tough, yet gentle on paint, plastic, chrome, anodizing, rubber, carbon fiber, etc.

Description	32-oz. Bottle	1 Case (12/32-oz. Bottles)
Bio Wash	MAX80-85932S	MAX80-85932



Waterproof Grease

High-temperature, multi-purpose lithium grease complex provides superior lubrication, water resistance and clings to metal surfaces, even under the most severe conditions.

Description	16-oz. Container	1 Case (12/16-oz. Containers)
Waterproof Grease	MAX80916S	MAX80916



Assembly Lube

Specially formulated to protect highly loaded engine components during engine assembly and the break-in period.

Description	4-oz. Bottle	1 Case (12/4-oz. Bottles)
Assembly Lube	MAX69-01904S	MAX69-01904



Fuel Enhancer **NEW!**

Fuel additive eliminates the problems associated with ethanol fuels. Product conditions, treats, and stabilizes ethanol, preventing oxidation, corrosion, varnish, gum, and deposits, while cleaning the fuel system of these unwanted contaminants. Sold in 1-oz. "pillow packs", 1-quart bottles, or in cases.

Pillow Pack	1 Case (30/1-oz. Pillow Packs)	1-Qt. Bottle	1 Case (12/1-Qt.)
MAX80-89930S	MAX80-89930	MAX80-89901S	MAX80-89901



Matte Finish Cleaner **NEW!**

Innovative product cleans and protects matte finishes, removing dirt, dust, and grime without leaving a gloss or shine. Non-flammable and 100% biodegradable. Sold in 16-oz. bottles, or in cases.

Description	16-oz. Bottle	1 Case (12/16-oz. Bottles)
Matte Finish Cleaner	MAX80-90916S	MAX80-90916



JOHN CLEVINGER

KIZZ PHOTOS



Clutches • Flywheels • Discs • Components

Ball Studs

Part No.	Description
MCL16908	Adjustable Ball Stud Assy., 1955-83 GM, Stock/Steel Bellhousing, Enlarged Head, 1/2"-13 Threads
MCL16909	Adjustable Ball Stud Assy., Mustang with Cable Linkage



GM Adjustable Throwout Bearing **MCL16505**

GM throwout bearing is adjustable to three different lengths; short (1.580"), medium (1.755"), and long (1.930"). Bearing has a 1.375" collar I.D. and 2.750" face.



DOUG TRUE



JOHN LONG

STEVE DATEMA



The Original Gloves



Machine-washable stretch knit gloves have padded Spandex tops, elastic cuffs, hook-and-loop closures, seamless, multi-panel fingertips, and hidden seams to improve sensitivity and durability.

Size	Black Part No.	Red Part No.	Blue Part No.
X-Small	AXOMG-05-007	—	—
Small	AXOMG-05-008	AXOMG-02-008	AXOMG-03-008
Medium	AXOMG-05-009	AXOMG-02-009	AXOMG-03-009
Large	AXOMG-05-010	AXOMG-02-010	AXOMG-03-010
X-Large	AXOMG-05-011	AXOMG-02-011	AXOMG-03-011
XX-Large	AXOMG-05-012	AXOMG-02-012	AXOMG-03-012

Size	Yellow Part No.	Women's Black NEW!
Small	AXOMG-01-008	AXOMG-72-510
Medium	AXOMG-01-009	—
Large	AXOMG-01-010	AXOMG-72-530
X-Large	AXOMG-01-011	—
XX-Large	AXOMG-01-012	—

Size	Stealth Part No.
Small	AXOMG-55-008
Medium	AXOMG-55-009
Large	AXOMG-55-010
X-Large	AXOMG-55-011
XX-Large	AXOMG-55-012

Fabricator Gloves

Oversize 100% leather gloves have cow-hide panels on the heel, inside, and outside edges of the palm, and are ideal for metal fabrication, body work, and welding.

Size	Part No.
Small	AXOMFG-05-008
Medium	AXOMFG-05-009
Large	AXOMFG-05-010
X-Large	AXOMFG-05-011



CarbonX Level 1 Gloves

Fire-resistant gloves feature CarbonX-lined, genuine leather palms that are backed by a second layer of CarbonX stretch-knit. Gloves utilize wide leather cuffs for ease of entry, while leather reinforcement panels are used in high-wear areas. Meet SF1 3.3/1 specifications.

Size	Part No.
Medium	AXOCXG-L1-009
Large	AXOCXG-L1-010
X-Large	AXOCXG-L1-011
XX-Large	AXOCXG-L1-012



Material4X Gloves

Durable gloves are manufactured from Material4X synthetic leather for improved wear and tear-resistance. Gloves offer the same fit and feel as the Original glove and are completely machine washable. TPR closures provide a secure hook-and-loop fit. Offered in black/tan only.

Size	Part No.
Medium	AXOMG4X-75-009
Large	AXOMG4X-75-010
X-Large	AXOMG4X-75-011



FastFit Gloves

All-purpose gloves have angled elastic cuffs for quick, easy entry. Lycra insert panels between fingers and Clarino MWX-2 synthetic leather palm provide protection, comfort, and exceptional grip.



Size	Yellow Part No.	Red Part No.	Blue Part No.	Black Part No.
Small	AXOSFF-91-008	AXOMFF-02-008	AXOMFF-03-008	AXOMFF-05-008
Medium	AXOSFF-91-009	AXOMFF-02-009	AXOMFF-03-009	AXOMFF-05-009
Large	AXOSFF-91-010	AXOMFF-02-010	AXOMFF-03-010	AXOMFF-05-010
X-Large	AXOSFF-91-011	AXOMFF-02-011	AXOMFF-03-011	AXOMFF-05-011
XX-Large	AXOSFF-91-012	AXOMFF-02-012	—	AXOMFF-05-012

M-Pact Gloves



For tire changing and jacking, the Mechanix Wear M-Pact gloves have double-layers with padded palms, reinforced thumb and index finger panels, and Neoprene-padded knuckle panels. Machine washable.

Size	Black Part No.	Red Part No.
Small	AXOMPT-58-008	—
Medium	AXOMPT-58-009	AXOMPT-52-009
Large	AXOMPT-58-010	AXOMPT-52-010
X-Large	AXOMPT-58-011	AXOMPT-52-011
XX-Large	AXOMPT-58-012	AXOMPT-52-012

Size	Covert Part No.	Coyote Part No.
Small	AXOMPT-55-008	AXOMPT-72-008
Medium	AXOMPT-55-009	AXOMPT-72-009
Large	AXOMPT-55-010	AXOMPT-72-010
X-Large	AXOMPT-55-011	AXOMPT-72-011
XX-Large	AXOMPT-55-012	AXOMPT-72-012

Kevlar Heat Sleeves

AXOMHS-05-500

Extra-long snug sleeves are made of 100% woven Kevlar to protect arms from heat and hot lubricants. Use with gloves. Sold in pairs.





M-Pact 2 Gloves

The tough M-Pact 2 glove is improved with super tacky Clarino Zeus™ thumbs and fingertips. Double-layer Clarino palms with EVA padding dampen heavy impacts and vibrations, and padded Kevlar palm heels protect from abrasions. Choose from black or blue.

Size	Black Part No.	Blue Part No.
Small	AXOMP2-05-008	—
Medium	AXOMP2-05-009	AXOMP2-03-009
Large	AXOMP2-05-010	—
X-Large	AXOMP2-05-011	—
XX-Large	AXOMP2-05-012	—



M-Pact CR5 Gloves

The M-Pact CR5 incorporates synthetic palms with Armortex Cut to offer CE level 5 cut-resistance, protecting hands from severe abrasions, lacerations, and puncture. Thermoplastic rubber is additionally used on the back to offer impact resistance to the knuckles and fingers. Fluorescent materials are used to increase hand safety.

Size	Part No.
Large	AXOSMP-C91-010
X-Large	AXOSMP-C91-011



M-Pact Fingerless Covert Gloves **NEW!**

Designed to protect hands from impact and abrasion, anatomically designed gloves feature TPR inserts and Armortex reinforcements. Fingerless design allows increased sensitivity during assembly or disassembly of components. Machine washable. Black only.

Size	Part No.
Medium	AXOMFL-55-009
Large	AXOMFL-55-010



Select Performance Oil Pumps

Select Performance pumps have hardened steel gears and cast manganese phosphate-coated housings. Race versions, which have a "C" suffix, include machined grooves to reduce cavitation at high RPM (grooves slightly reduce pressure at idle). Race units with "ST" suffix utilize "Shark Tooth" helical asymmetrical gears for further improved oil flow. Small block Chevy pumps include intermediate shaft.



Part No.	Volume Increase	Inlet Dia.	Shaft Support	Pick-up Screen	Anti-Cavitation Grooves (Race Only)
Small Block Chevy 265-400					
MEL10550	25%	5/8"	No	Press-In	No
MEL10550ST†	25%	5/8"	No	Press-In	No
MEL10551	25%	3/4"	No	Press-In	No
MEL10551ST†	25%	3/4"	No	Press-In	No
MEL10552	10%	3/4"	Yes	Bolt-On/Press-In	No
MEL10552C	10%	3/4"	Yes	Bolt-On	Yes
MEL10552ST†	10%	3/4"	Yes	Bolt-On/Press-In	No
MEL10553	0%	5/8"	No	Press-In	No
MEL10553ST†	0%	5/8"	No	Press-In	No
MEL10554	0%	3/4"	No	Press-In	No
MEL10554ST†	0%	3/4"	No	Press-In	No
MEL10555	25%	3/4"	Yes	Bolt-On/Press-In	No
MEL10555C	25%	3/4"	Yes	Bolt-On/Press-In	Yes
MEL10990	25%	3/4"	Yes	Press-In	Yes
Small Block Chevy Gen. III/IV LS 4.8/5.3/5.7/6.0/6.2L					
MEL10294†	-15%	Stock	No	Bolt-On	No
MEL10295	0%	Stock	No	Bolt-On	No
MEL10296	18%	Stock	No	Bolt-On	No
MEL10355*	0%	Stock	No	Bolt-On	No
Small Block Ford 289-302					
MEL10687	0%	Stock	Extended	Bolt-On	No
MEL10688	25%	Stock	Extended	Bolt-On	No
Small Block Ford 351W					
MEL10832	0%	Stock	Extended	Bolt-On	No
MEL10833	25%	Stock	Extended	Bolt-On	No

* Gen. IV pump for 5.3L LS4 or 6.2L L92. † For performance aftermarket blocks with priority main oiling without VVT or DOD.
‡ Signifies pump with "Shark Tooth" helical asymmetrical gears.

SB Chevy Billet Aluminum Circle Track Racing Oil Pumps

Engineered for the rigors of circle track racing, these oil pumps feature rigid billet 6061 aluminum housings that are hard coat-anodized for added durability. Equipped with billet steel gears and an integrated pickup screen designed for use with 7" deep oil pans, they are offered in standard or high-volume versions, and come complete with chrome moly steel drive shaft, stud kit, and (2) relief springs.

Part No.	Description
MEL10050ST-700CT	SB Chevy High-Volume Oil Pump, 7" Deep Oil Pan
MEL10055ST-700CT	SB Chevy Standard-Volume Oil Pump, 7" Deep Oil Pan



Stock Replacement Oil Pumps

Designed to be a direct replacement for stock oil pumps, every Melling oil pump is 100% pressure tested to guarantee workmanship before it leaves the factory.

Application	Standard Volume	High Pressure	High Volume
SB Chevy	MELM55	MELM55A	MELM55HV
SB Ford 351W	MELM83	—	MELM83HV
SB Ford 289-302	MELM68	MELM68A	MELM68HV



SB Chevy Oil Pump Intermediate Shafts



Intermediate shafts are offered in high-strength steel alloy or rigid chrome moly steel. Small block Chevy units utilize a steel collar design, allowing the shaft to fit onto the oil pump driveshaft, while allowing for misalignment caused by tolerance stack-up.

Part No.	Description
MELIS55E	SB Chevy, High-Strength Steel
MEL12550	SB Chevy, Chrome Moly Steel NEW!
MELIS68	SB Ford 260-302, Hex, High-Strength Steel
MELIS83	SB Ford 351W, Hex, High-Strength Steel

SB Chevy Replacement Oil Pump Pressure Relief Springs **NEW!**

Melling offers the engine builder or racer the option to increase or reduce the engine oil pressure with replacement bypass springs for small block Chevy. Each kit includes (5) springs and replacement roll pins.

Size	Part No.
MEL55049	49 lb., Green
MEL55058	58 lb., Yellow
MEL55070	70 lb., Pink



Oil Pump Pre-Lube Tank **NEW!** MELMPL-201

New and improved, pre-lube tank eliminates dry starts and the associated wear following engine rebuilds. Large capacity, USA-made 2-gallon stainless steel tank connects directly to the engine's oiling system, allowing it to be pressurized prior to start-up. Built-in handles ease transport. Sold complete with 8' long chemical resistant hose and a variety of adapter fittings to fit most popular engines.



GM LS Thrust Plate Kit **NEW!** MELMF127

Kit, which includes thrust plate and necessary fasteners, fits most 1999-2015 GM LS 4.8, 5.3, 5.7, 6.0, 6.2, and 7.0L engines.



GM LS Engine Plug Kit **NEW!** MELMPE-900BR-GP

Hard-to-find plug kit fits most GM LS 4.8, 5.3, 5.7, 6.0, 6.2, and 7.0L engines.



CHAD BAUER

STEVE DATAMA



Titanium Bolts

Reduce weight without sacrificing strength. Manufactured from aircraft-grade titanium, lightweight fasteners exceed minimum ultimate tensile strength of 120,000 PSI. A wide variety of sizes. Sold individually.

Length	1/4"-20	1/4"-28	5/16"-18	5/16"-24	3/8"-24	3/8"-16	1/2"-20
5/8"	MTTT4NC02500625	MTTT4NF02500625	—	—	—	—	—
3/4"	—	MTTT4NF02500750	MTTT4NC03120750	—	—	—	—
7/8"	—	—	—	—	MTTT4NF03750875	—	—
1"	—	—	—	MTTT6NF03121000	—	MTTT4NC03751000	—
1-1/4"	—	—	—	—	MTTT4NF03751250	—	MTT4NF5001250F*
1-3/8"	—	—	—	—	—	—	MTT4NF5001375FS
1-1/2"	—	—	—	—	MTTT6NF03751500	MTTT4NC3751500F*	—
1-5/8"	—	—	—	—	—	—	—
1-3/4"	—	—	—	—	MTTT6NF03751750	—	—
1-7/8"	—	—	—	—	—	—	—
2"	—	—	—	—	MTTT6NF03752000	—	—
2-1/4"	—	—	—	—	—	—	MTT4NF5002250F*
2-1/2"	—	—	—	—	—	—	—
2-3/4"	—	—	—	—	—	—	—
3"	—	—	—	—	—	—	—
3-1/2"	—	—	—	—	—	—	MTT4NF5003500F*
3-3/4"	—	—	—	—	—	—	MTT4NF5003750F*
4-1/2"	—	—	—	—	—	—	—

* "F" suffix signifies flange head.



Titanium Engine Fasteners

Lightweight, aircraft-grade titanium fasteners help reduce weight without sacrificing strength.

Part No.	Description
MTTSTUD375X1500	Distributor Stud, 3/8" Dia. x 1.500" L., Each



Titanium Nylock Nuts

Lightweight titanium nylock nuts help reduce weight and are suited to a wide variety of uses such as securing suspension tubing. Offered in full head or thin head designs, in coarse or fine thread.

Size	Full Head	Thin Head
1/4"-20 (Coarse)	MTT365T420A	—
1/4"-28 (Fine)	MTT365T428A	MTT364T428A
5/16"-18 (Coarse)	MTT365T518A	—
5/16"-24 (Fine)	—	MTT364T524A
3/8"-16 (Coarse)	MTT365T616A	—
3/8"-24 (Fine)	MTT365T624A	MTT364T624A
1/2"-20 (Fine)	MTT365T820A	MTT364T820A



Threaded Tube Ends

4130 chrome moly threaded tube ends are a quick and easy method for putting threads in tubing (available with right or left-hand threads). Use large tube ends for ladder bars or four links, medium tube ends work great on wheelie bars and front suspensions, and small tube ends are ideal for linkages and many types of mount setups. Hundreds of other uses.



Tube Size	Thread Size	RH Thread Part No.	LH Thread Part No.
5/8" x .058"	3/8"-24	MEZRE1011B	MEZRE1011BL
3/4" x .058"	3/8"-24	MEZRE1012B	MEZRE1012BL
7/8" x .058"	3/8"-24	MEZRE1014B	MEZRE1014BL
7/8" x .058"	1/2"-20	MEZRE1014D	MEZRE1014DL
1" x .058"	3/8"-24	MEZRE1017B	MEZRE1017BL
1" x .058"	1/2"-20	MEZRE1017D	MEZRE1017DL
1" x .058"	5/8"-18	MEZRE1017E	MEZRE1017EL
1" x .065"	1/2"-20	MEZRE1018D	MEZRE1018DL
1" x .065"	5/8"-18	MEZRE1018E	MEZRE1018EL
1" x .083"	5/16"-18	MEZRE1019E	MEZRE1019EL
1-1/8" x .058"	1/2"-20	MEZRE1125D	MEZRE1125DL

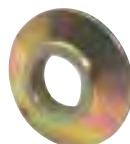
Tube Size	Thread Size	RH Thread Part No.	LH Thread Part No.
1-1/8" x .083"	1/2"-20	MEZRE1021D	MEZRE1021DL
1-1/8" x .083"	5/8"-18	MEZRE1021E	MEZRE1021EL
1-1/8" x .083"	3/4"-16	MEZRE1021F	MEZRE1021FL
1-1/8" x .095"	3/4"-16	MEZRE1022F	MEZRE1022FL
1-1/4" x .058"	1/2"-20	MEZRE1124D	MEZRE1124DL
1-1/4" x .058"	5/8"-18	MEZRE1124E	MEZRE1124EL
1-1/4" x .065"	5/8"-18	MEZRE1023E	MEZRE1023EL
1-1/4" x .065"	3/4"-16	MEZRE1023F	MEZRE1023FL
1-1/4" x .095"	5/8"-18	MEZRE1024E	MEZRE1024EL*
1-1/4" x .095"	3/4"-16	MEZRE1024F	MEZRE1024FL*

* Left-hand version made from hex-shaped material

Safety Washers

Yellow zinc-plated, 4130 steel safety washers allow full movement of Heim ends and will also contain the rod end.

Part No.	Description
MEZSW12A	1/2" I.D. Safety Washer
MEZSW58A	5/8" I.D. Safety Washer
MEZSW34A	3/4" I.D. Safety Washer
MEZSW38A	3/8" I.D. Safety Washer
MEZSW71A	7/16" I.D. Safety Washer



Mis-alignment Bushings

Manufactured from 4130 alloy steel, bushings offer a safer means of mounting rod ends at a high angle of mis-alignment.

Part No.	Heim Size	Bolt Size
MEZMB6250	5/8"	1/2"
MEZMB7562	3/4"	5/8"
MEZMB7550	3/4"	1/2"
MEZMB8762	7/8"	5/8"
MEZMB1075	1"	3/4"



Small Block Chevy Oil Pans

Claimer Oil Pans

Specifically for IMCA and hobby stock cars, five-quart (plus filter) oil pans appear stock but house full-length windage trays for effective oil control. 7-1/2" sump depth.



Part No.	Description
MIL31501	1986-up SB Chevy Oil Pan, RH Dipstick
MIL31502	1980-85 SB Chevy Oil Pan, RH Dipstick
MIL31503	Pre-1980 SB Chevy Oil Pan, LH Dipstick
MIL18307	Oil Pump Pick-up, When Using MIL18750 or Melling MELM55HV Oil Pump

Street Stock Oil Pans

Oil pans are 7-1/2" deep with 6-quart (plus filter) capacities, right side kickouts and full-length, quick fastener-mounted windage trays.



Part No.	Description
MIL31512	1980-85 SB Chevy Oil Pan, RH Dipstick
MIL31513	Pre-1980 SB Chevy Oil Pan, LH Dipstick
MIL18308	Oil Pump Pick-up, When Using MIL18750 or Melling MELM55HV Oil Pump

Late Model Oil Pan

Ideal for Dirt/Asphalt Late Models or Modifieds with non-stock cross-member locations. Highly effective trap door system and quick-release windage tray assembly offer continuous oil control. Seven-quart pan is compatible with large-diameter flywheels and has a 12" long, 7" deep sump.



Part No.	Description
MIL31504	SB Chevy Late Model Oil Pan
MIL18305	Oil Pump Pick-up, When Using MIL18770 or Melling MELM99HVS Oil Pump
MIL18306	Oil Pump Pick-up, When Using MIL18750 or Melling MELM55HV Oil Pump

Late Model Pro Competition Oil Pans

Engineered for applications that don't use a stock crossmember, pan includes a trap door system, full-length kickout, and windage tray for exceptional oil control. Compatible with stock, large diameter flywheels. Includes 1/2" NPT bung for a oil temperature sender. Offered with sealed, dirt proof, screw-in style dipstick. Pan has a 7" deep x 12" length sump and a capacity of 7 qts., plus filter.

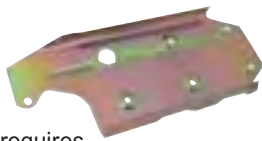


Part No.	Description
MIL31515	Pre-1980 SB Chevy Oil Pan, LH without Dipstick
MIL31516	1980-85 SB Chevy/Dart SHP Oil Pan, RH with Dipstick
MIL18305	Oil Pump Pick-up, When Using MIL18770 or Melling MELM99HVS Oil Pump
MIL18306	Oil Pump Pick-up, When Using MIL18750 or Melling MELM55HV Oil Pump



Windage Trays

Windage trays provide maximum protection against oil splashback. Louvered and "Diamond Stripper" screen-type windage trays are available. Each requires a windage tray installation kit.



Part No.	Description
MIL32100	SB Chevy 350 Louvered Windage Tray, LH Dipstick
MIL32101	SB Chevy 400 Louvered Windage Tray, LH Dipstick
MIL32250	SB Chevy 350-400 "Diamond Stripper" Windage Tray, RH or LH Dipstick
MIL81150	SB Chevy Windage Tray Installation Kit

Oil Pumps and Oil Pump Drive Shafts

Milodon oil pumps provide a 20-30% increase in volume and pressure, and are flow tested for quality and performance. Pump drive shafts are machined from 4130 chrome moly, centerless ground to avoid stress risers and then heat treated. For use with high-volume/high-pressure oil pumps. Chevy pump drives use pinned steel collars instead of plastic.



Application	Oil Pump	Pump Drive
SB Chevy 283-400, High Volume/High Pressure, 5/8" Inlet	MIL18750*	MIL23050
SB Chevy Z-28 283-400, Std. Volume/High Pressure	MIL18756	MIL23050
SB Chevy LT-1 350-400, High Volume, 3/4" Inlet	MIL18740*	MIL23050
SB Ford 260-302, 25% More Pressure & Volume	MIL18800	MIL22500
SB Ford 351W	—	MIL22560

* High volume pumps are 3/8" deeper than stock.

Oil Pump Stud MIL17050

Stud is centerless ground from 8740 steel with rolled and heat-treated threads, ground washer, and nut. Fits small block Chevy.



Small Block Chevy Main Caps

Rigid main caps, CNC-machined from high-strength ductile material, increase the bottom end strength of 2- or 4-bolt main blocks. Sold complete with required hardware. Block must be align-honed for installation.



Part No.	Description
MIL11150	SB Chevy, OEM 2-Bolt Main, Angled Bolts
MIL11180	SB Chevy 400, 2- or 4-Bolt Main, Angled Bolts

SB Chevy Lifter Valley Screen Kit

MIL23150

Stainless steel oil screens cover drain back holes in the lifter valley, preventing broken valve train debris from causing serious bottom end damage. Epoxy adhesive included.



Reinforced Steel Timing Cover

MIL65555

Gold-iridized small block Chevy steel timing cover has a reinforced cam thrust area to prevent cam "walk."



Small Block Chevy Fastener Kits

Milodon offers a variety of popular fasteners for small block Chevy.

Part No.	Description
MIL81300	Oil Pan Stud Kit
MIL84530	Harmonic Balancer Bolt, 3/4" Hex Head
MIL85000	Oil Pan Bolt Kit
MIL85400	Intake Manifold Bolt Kit



MIL84530



NEW VENDOR!

Action Camera Bundle

MBAAC-BNDL

Bundle includes three popular, rugged action camera mounts, each of which may be used to help achieve the desired angle or shot. Includes claw mount, pivot magnetic mount and direct magnetic mount, all in a durable nylon shell case. Camera sold separately.



Mob Mount Switch

The ultimate Smartphone holder, black powder coated 5052 aluminum claw-style mount allows securing phone to roll cages, handlebars, and square or irregular tubing from 1/4" to 2" diameter. An adjustable tab accommodates any phone, while the built-in high-density, closed-cell EVA foam offers protection from shock and vibration. See reference at right for fitment.

Part No.	Description
MBAMOB2-BLK-LG*	Mob Mount Switch, Large
MBAMOB2-BLK-SM†	Mob Mount Switch, Small



Mob Mount Magnetic Smartphone Holders

Rigid, powder-coated aluminum Smartphone holder features a 90 lb. pull-force magnet that delivers secure mounting to any ferrous surface, while providing up to 90° of tilt and 360° of rotation to meet the desired viewing angle. Slide and clamp system secures any phone case. Suitable for use in cars, trucks, ATV's, etc. See reference below for fitment.

Note: Not for use with credit card phone cases as magnets can harm credit cards. Magnets may interfere with Qi wireless charging.

Part No.	Description
MBAMOB2-BLK-LG*	Mob Mount Universal Magnetic Smartphone Holder, Large
MBAMOB2-BLK-SM†	Mob Mount Universal Magnetic Smartphone Holder, Small
Replacement/Accessory Component	
MBAMOB-MD	Mounting Discs (2), Allows Securing Mob Mount to Non-Ferrous Surfaces

Mob Mount Phone Reference

*Use with iPhone 6 Plus/6S Plus/7 Plus/8 Plus/XS Max/XR, LG G3/G4, Moto X (2nd Gen), Moto G (2nd Gen), Nexus 6, OnePlus One, Sony Xperia Z3, HTC 612/One M8 and Samsung S3/S4/S5/S6/S6 Edge/Note 3/Note 4/Note 5/Note 5 Edge/Note 7

†Use with iPhone 5, 5C, 6, 6S, SE, 7, 8, XS, 11, Google Pixel, Pixel 2, LG G2, LG Nexus 5, HTC One M7, M8, X, Blackberry Classic, Curve 9320, Bold 9790, Z10, Leap.



MobNetic Pro 90 MBAMOB-PRO-BLK

Unique, double magnet mount may be used in the vehicle, shop, or virtually anywhere, offering instant placement for Smartphone or other devices with effortless pan and 90° tilt features. Includes (1) Mob Armor mounting disc and (1) MobNetic device plate for mounting to non-ferrous or ferrous metal surfaces.



Note: Not for use with credit card phone cases as magnets can harm credit cards. Magnets may interfere with Qi wireless charging.

Replacement/Accessory Components

MBAMOB-PL-ACC	MobNetic Device Plates (2), Allows Mounting Phone to MobNetic Pro 90
MBAMOB-MD	Mob Armor Mounting Discs (2), Allows Mounting MobNetic to Non-Ferrous Surfaces

TabNetic MBATABN-PRO

Mob Armor's solution to instant and convenient tablet mounting, TabNetic utilizes a rare-earth magnetic mounting base that secures onto any ferrous metal surface. The easy-to-adjust ball housing tilts up to 90° and rotates a full 360° to achieve the desired viewing angle. TabNetic mounting discs and plates may be purchased to increase versatility.



Part No.	Description
MBATABN-PRO	TabNetic Tablet Holder
Replacement/Accessory Components	
MBATABN-MD-ACC	TabNetic Mounting Discs (2), Allows Mounting TabNetic to Non-Ferrous Surfaces
MBATABN-PL-ACC	TabNetic Plates (2), Allows Mounting Tablets/Devices to TabNetic

MobNetic Claw MBAMOB-CLAW

The grab anything, mount anywhere Smartphone mount features three talons to securely grab any tube, roll cage, boxed or irregular tubing up to 2" diameter. Unit features a wide range of motion, with a full 360° rotation and up to 25° of tilt for the desired viewing angle.



Mobil 1

Racing Oil

Fully-synthetic low-friction oil is engineered exclusively for racing applications. Well-suited for flat tap-pet engines, oil includes boosted levels of zinc-phosphorous. Sold in 1-quart bottles, or in cases of (6) quarts. Not API certified.



Description	1-Qt. Bottle	1 Case (6/1 Qt.-Bottles)
0W-30	MOB102622-1	MOB102622
0W-50	MOB104145-1	MOB104145

Synthetic Oil

Formulated with a proprietary blend of high-performance synthetic base stocks and fortified with a balanced additive system. Meets ILSAC GF-5 standards. Sold in 1-quart bottles, 5-quart jug, or in cases. API certified.



Description	1-Qt. Bottle	1 Case (6/1 Qt.-Bottles)	5-Qt. Jug	1 Case (3/5-Qt. Jugs)
0W-20 Truck & SUV	MOB124571-1	MOB124571	MOB124572-1	MOB124572
0W-40	MOB112628-1	MOB112628	—	—
5W-20	MOB103008-1	MOB103008	—	—
5W-20 Truck & SUV	MOB124574-1	MOB124574	MOB124575-1	MOB124575
5W-30 Truck & SUV	MOB124599-1	MOB124599	MOB124600-1	MOB124600
5W-30	MOB124315-1	MOB124315	MOB124317-1	MOB124317
5W-50	MOB122075-1	MOB122075	—	—
10W-30	MOB122319-1	MOB122319	MOB122326-1	MOB122326
15W-50	MOB122377-1	MOB122377	—	—

Synthetic Grease

Lithium-complex NLGI No. 2 grease includes extreme-pressure properties and resistance to wear, water, rust, and corrosion. Synthetic base provides maximum performance at all temperatures. Sold in 13.4-oz. cartridges, or in cases of (10) 13.4-oz. cartridges.

13.4-oz. Cartridge	1 Case (10/13.4-oz. Cartridges)
MOB121071-1	MOB121071



Diesel Truck Oil

Perfect for towing, off-road, or everyday stop-and-go driving, oil helps to protect diesel engines. Sold in synthetic or Delvac 1300 petroleum-based formulas in 1-quart bottles, 1-gallon jugs, or in cases.



Description	1-Qt. Bottle	1 Case (6/1-Qt. Bottles)	1-Gallon Jug	1 Case (3/1-Gallon Jugs)	1 Case (4/1-Gallon Jugs)
Synthetic 5W-40	MOB122253-1	MOB122253	MOB122260-1	MOB122260	—
Delvac 15W-40	—	—	MOB122492-1	—	MOB122492

Automatic Transmission Fluid

Mobil offers a wide variety of conventional, synthetic blend, and fully synthetic automatic transmission fluids to suit most vehicle types. Sold in 1-quart bottles, or in cases of (6) or (12) quarts.



Description	1-Qt. Bottle	1 Case (12/1-Qt. Bottles)	1 Case (6/1-Qt. Bottles)
Synthetic Type F	MOB112980-1	—	MOB112980
Dexron IIIH/Mercon	MOB123130-1	MOB123130	—
Multi-Vehicle	MOB123034-1	MOB123034	—
Dexron VI	MOB122973-1	MOB122973	—

Synthetic Gear Lube

Multi-purpose synthetic gear lubricants meet the performance requirements of passenger vehicles in a wide variety of operating conditions, including limited-slip differentials. Sold in 1-quart bottles, or in cases of (12) quarts.



Description	1-Qt. Bottle	1 Case (12/1-Qt. Bottles)
LS 75W-90	MOB104361-1	MOB104361
LS 75W-140	MOB102490-1	MOB102490

Extended Performance Oil Filters

These oil filters offer the ultimate in engine protection, utilizing a synthetic blend media that offers improved filtration.

Part No.	Application	Thread	Fram Equivalent
MOBM1-107A	GM LS1, LS6	13/16"-16	FRAPH3506
MOBM1-111A	Chevy, Short	13/16"-16	FRAPH30
MOBM1-113A	GM LS3, LS7, LS9	22mm x 1.5	FRAHP18
MOBM1-204A	Ford/Chrysler	3/4"-16	FRAPH16
MOBM1-301A	Ford/Chrysler	3/4"-16	FRAHP1
MOBM1-302A	Chevy, Long	13/16"-16	FRAPH5



MOBM1-107A

Driving Suit Care Refresher

Easy-to-use spray-on Refresher keeps race suits clean and fresh. Product eliminates odors on technical fabrics including Nomex, CarbonX, FR Cotton, and other fabrics.

4-oz. Bottle	16-oz. Bottle	1 Case (12/4-oz. Bottles)	1 Case (6/16-oz. Bottles)
MOLMLRE041	MOLMLRE161	MOLMLRE-4-12	MOLMLRE-16-6

Wash

Wash allows the cleaning of driving suits and related undergarments in standard washing machines. Remove contaminants and odor-causing bacteria from technical fabrics including Nomex, CarbonX, and FR Cotton.

4-oz. Bottle	16-oz. Bottle	1 Case (12/4-oz. Bottles)	1 Case (6/16-oz. Bottles)
MOLMLWA041	MOLMLWA161	MOLMLWA-4-12	MOLMLWA-16-6

Protector

Effective and easy-to-use, spray-on Protector helps repel grease, oils, fuels, and other flammable spills from driving suits. Bonds to Nomex to protect from stains and UV rays while maintaining breathability.

16-oz. Bottle	1 Case (6/16-oz. Bottles)
MOLMLPR161	MOLMLPR-16-6

Spot Cleaner

Designed for use in conjunction with Molecule Wash, Spot Cleaner penetrates deeply into technical fabrics including Nomex, suspending and dissolving embedded stains.

4-oz. Bottle	16-oz. Bottle	1 Case (12/4-oz. Bottles)	1 Case (6/16-oz. Bottles)
MOLMLSC041	MOLMLSC161	MOLMLSP-4-12	MOLMLSP-16-6

Wash Kit

Economically-priced kit includes both Molecule Wash and Spot Cleaner to help maximize cleaning efficiency.

4-oz. Kit	16-oz. Kit	1 Case (6/4-oz. Kits)	1 Case (3/16-oz. Kits)
MOLMLWK442	MOLMLWK162	MOLMLWK-44-6	MOLMLWK-1616-3

Complete Care Kit

An all-in-one kit designed to clean, protect and refresh driving suits. Complete Care Kit includes 16-oz. Refresher, 16-oz. Wash, 16-oz. Protector and 4-oz. Spot Cleaner.

Complete Kit	1 Case (6 Kits)
MOLMLCK164	MOLMLCK-6

Helmet Care

Matte Detailer **NEW!**

Product allows cleaning and detailing matte finish helmets in a single step, while maintaining their low luster.

4-oz. Bottle	1 Case (12/4-oz. Bottles)
MOLMSHMD	MOLMSHMD-4-12

Cleaner and Polish

Safe and easy to use, product sprays on and wipes off, keeping helmets and visors clean and shiny. Suitable for use on gloss, flat, or matte finishes. Will not scratch surfaces.

4-oz. Bottle	1 Case 12/4-oz. Bottles
MOLMLHCP41	MOLMLHCP-4-12

Fabric Refresher

Spray-on Fabric Refresher keeps helmet liners clean and odor-free. Fresh scented, skin-friendly cosmetic-grade product eliminates odor-causing bacteria.

4-oz. Bottle	1 Case 12/4-oz. Bottles
MOLMLHFF41	MOLMLHFF-4-12

Rain Repel

Rain Repel sprays on helmet visors, goggles, or windshields to improve visibility in wet weather. Product increases the surface tension of water, causing it to quickly shed from visors.

4-oz. Bottle	1 Case 12/4-oz. Bottles
MOLMLHRR41	MOLMLHRR-4-12

Anti-Fog

Anti-Fog simply applies to the inside surface of visors or goggles to prevent condensation and fogging, increasing visibility. May also be used on windshields and mirrors.

4-oz. Bottle	1 Case 12/4-oz. Bottles
MOLMLHAF41	MOLMLHAF-4-12

Vehicle Care Cleaner

Easy-to-use spray-on cleaner removes dirt, dust, grime bugs, and heavy rubber scuff marks quickly and easily from virtually any painted, powder coated, or vinyl finishes, including flat or matte. Non-streaking formula sprays on and wipes off.

16-oz. Bottle	1-Gallon Container
MOLMLVC161	MOLMLVC011

Detailer

Light-duty Detailer cleans and polishes in one easy step. Spray-on product safely removes dirt, grime, bugs and light rubber scuff marks. Non-streaking formula works on any painted, powder coated, or vinyl finish.

16-oz. Bottle	1-Gallon Container
MOLMLVD161	MOLMLVD011



Corsa R Gloves **NEW!**

Designed to deliver exceptional performance and comfort, even when subjected to the most extreme conditions. The Corsa R utilizes anatomically-correct, pre-curved fingers to prevent fabric bunching, and one-piece palms with outside stitching are incorporated to help alleviate pressure points and abrasions. FIA 8856/2000 approved. Offered in black, white, red, or blue.

Size	Black	Blue	Red	White
Medium	MOMGUCORSABLK10	MOMGUCORSABLU10	MOMGUCORSARED10	MOMGUCORSAWHT10
Large	MOMGUCORSABLK11	MOMGUCORSABLU11	MOMGUCORSARED11	MOMGUCORSAWHT11
X-Large	MOMGUCORSABLK12	MOMGUCORSABLU12	MOMGUCORSARED12	MOMGUCORSAWHT12



Comfort Tech Fire-Resistant Underwear **NEW!**

Fire-resistant undergarments deliver an added layer of protection, preventing harmful heat transfer and direct flame exposure. Constructed from soft-knit aramid, Comfort Tech offer improved moisture-wicking and breathability qualities. High-collar, long-sleeve tops, long pants, socks, and balaclavas are offered in black or white.

Size	Black	White
High Collar/Long Sleeve Tops		
Medium	MOMMNXHCCTBKM00	MOMMNXHCCTWHM00
Large	MOMMNXHCCTBKL00	MOMMNXHCCTWHL00
X-Large	MOMMNXHCCTBKXLO	MOMMNXHCCTWHXLO
XX-Large	MOMMNXHCCTBKXXL	MOMMNXHCCTWHXXL
Long Pants		
Medium	MOMMNXLJCTBKM00	MOMMNXLJCTWHM00
Large	MOMMNXLJCTBKL00	MOMMNXLJCTWHL00
X-Large	MOMMNXLJCTBKXLO	MOMMNXLJCTWHXLO
XX-Large	MOMMNXLJCTBKXXL	MOMMNXLJCTWHXXL
Socks		
Medium	MOMMNXLSTBKM00	MOMMNXLSTWHM00
Large	MOMMNXLSTBKL00	MOMMNXLSTWHL00
X-Large	MOMMNXLSTBKXLO	MOMMNXLSTWHXLO
Balaclava		
One-Size-Fits-All	MOMMNXBALCOTBLK	MOMMNXBALCOTWHT



Competition Steering Wheel MOMCOM35BK0B

Competition 13-3/4" diameter steering wheel includes black spokes, black Airleather rim with generous grip, and black horn button. Requires Momo hub for installation.



Race Steering Wheels

Three-spoke steering wheels combine top-grain black Airleather grips, Anthracite spoke and ring, and gray horn button. Offered in 12-1/2" or 13-3/4" diameters. Requires Momo hub for installation.



Part No.	Description
MOMRCE32BK1B	12-1/2" Dia. Steering Wheel
MOMRCE35BK1B	13-3/4" Dia. Steering Wheel

MOD.30 Steering Wheels

Racing MOD.30 black suede-covered, 12-1/2" diameter steering wheels utilize anatomic grip rim sections for improved driver feel and comfort. Steering wheels are offered with or without accessory buttons. May be used with Momo hub.



Part No.	Description
MOMR1960/32S	12-1/2" Dia. Steering Wheel, without Buttons
MOMR1960/32SHB	12-1/2" Dia. Steering Wheel, with Buttons

Prototipo Steering Wheels **NEW!**

Classic Prototipo steering wheels have black leather rim, silver anodized or carbon fiber wrapped aluminum spokes, and 39mm (1.53") dish. Larger, 350mm (14") dia. is ideal for GT cars and larger sedans. Included horn button is emblazoned with the Momo logo.



Part No.	Description
MOMPRH35BK2B	Prototipo Steering Wheel, Silver Spokes
MOMPRO35BK1C	Prototipo Steering Wheel, Carbon Fiber Wrapped Spokes

Grand Prix Steering Wheels **NEW!**

Featuring real mahogany wood with a walnut matte finish, Grand Prix 14" dia. steering wheels use aluminum spokes with small lightening holes and a 37mm (1.45") dish design. Both the bottom spoke and center horn button are emblazoned with the Momo logo. Choose from steering wheels with silver or chrome-finished spokes.



Part No.	Description
MOMGRA35WD0B	Grand Prix Steering Wheel, Silver Spokes
MOMGRA35WD0P	Super Grand Prix Steering Wheel, Chrome Spokes

Heritage Indy Steering Wheel **NEW! MOMIND35MAOP**

Indy steering wheel, which is 14" dia. (350mm) with a 2" (37mm) dish, combines a Zebrano gloss-finished mahogany wood rim with brushed aluminum spokes. Sold complete with horn button.



Jet Steering Wheel **NEW!** MOMJET32BK0B

Versatile, 12" dia. (320mm) steering wheel features the black Airleather grip with carbon inserts and black anodized aluminum center spokes. Sold complete with horn button.



Monte Carlo Steering Wheels **NEW!**

Custom Monte Carlo steering wheels are covered in premium black leather and feature black anodized center spokes. Choose from 320mm or 350mm dia. steering wheels with black or red stitching. Includes horn button.



Part No.	Description
MOMMCL32AL1B	12" (320mm) Dia. Steering Wheel, Black Stitching
MOMMCL32AL3B	12" (320mm) Dia. Steering Wheel, Red Stitching
MOMMCL35AL1B	14" (350mm) Dia. Steering Wheel, Black Stitching
MOMMCL35AL3B	14" (350mm) Dia. Steering Wheel, Red Stitching

Carbon Plate 4 MOMCARBONPLATE

Lightweight, real carbon fiber plate installs between steering wheel and quick release, allowing the addition of up to four accessory switches. Plate is just 2.5mm thick.





Competition Seats

Lesmo One

Competition, lightweight fiberglass seat features an advanced, ergonomic design. Upper provides reduced lateral head movement for increased driver protection. Back seat cushions add comfort and reduce fatigue, while Kinder Point seating offers increased grip. Front portion is fully upholstered in black fabric. Seat weighs just over 22 lbs., includes five seat belt openings, and is Hans compatible. FIA approved 8855-1999.

Part No.	Description
MOM1077BLK	Standard Seat, 14.96" Wide
MOM1078BLK	X-Large Seat, 16.54" Wide

Daytona Evo

Fully Hans-compatible, lightweight fiberglass seat front is upholstered in black fabric. Seat features an anatomic design for maximum driver comfort, while the upper reduces lateral movements of the driver's head for increased protection. Kinder Point seating offers comfort and increased grip. Seat weighs just over 20 lbs., includes five seat belt openings, and meets FIA 8855-1999 standards.

Part No.	Description
MOM1075BLK	Standard Seat, 15.55" Wide
MOM1076BLK	X-Large Seat, 16.34" Wide

Daytona

Ergonomically-designed seat combines comfort and safety. Lightweight fiberglass seat is upholstered in black fabric. Kinder Point seating area offers increased grip. Upper reduces lateral head movement for increased driver safety. Hans-compatible seat weighs just over 20 lbs., incorporates five seat belt openings, and meets stringent FIA 8855-1999 specifications.

Part No.	Description
MOM1073BLK	Standard Seat, 15.55" Wide
MOM1074BLK	X-Large Seat, 16.34" Wide

Supercup

Comfortable, lightweight fiberglass seat includes a front upholstered in black fabric. Kinder Point seating provides added security and grip. Seat weighs just over 19 lbs., includes five seat belt openings, and meets FIA 8855-1999 standards. Removable double leg cushions help optimize support. Compatible with all Hans.

Part No.	Description
MOM1071BLK	Standard Seat, 15.35" Wide
MOM1082BLK	X-Large Seat, 17.32" Wide NEW!

Start MOM1070BLK

Exceptionally lightweight and affordable, the Start weighs just over 17 lbs. Fiberglass shell seat features a black upholstered cover with new back stitching. Seat is 15.55" wide, includes five seat belt openings, Hans compatibility, and meets FIA 8855-1999 specifications.

Seat Mounts **NEW!**

MOMSTSIDEMOUNTS

Engineered to fit all Momo seats or may be adapted to other manufacturer's seats, brackets are manufactured from 3mm laser-cut carbon steel, and feature multiple side mount holes for truly customizable height and lay-back mounting. Sold per pair, brackets mount one seat.

6-Point FIA-Approved FHR System Harnesses **NEW!**

Engineered to work with any FHR, 6-point professional level harnesses utilize lightweight aluminum active speed adjusters, 2" shoulder and lap belts, and a cam buckle that is permanently affixed to the anti-sub straps. Meets FIA 8853-2016 specifications. Sold complete with necessary mounting hardware. Offered in black or red.

Description	Black	Red
6-Point Harness	MOMM01255120002	MOMM01255120001



Grand National 5 x 5 Hub Package **NEW!** MEI4200P54C

Rigid 4140 alloy steel hubs are 35% stronger than traditional 4130 steel units, while also weighing over 1/2 lb. less. Package includes (2) 24-spline 5 x 5" hubs, races, studs, bearings, seals, steel drive plates, steel rotor adapters, dust covers, and necessary hardware.

C-Clip Axles

Replacement axles for Hobby, Factory, or Street Stocks are made of forged steel with non-tapered, hardened bearing seats and machined C-clip grooves for use with stock carriers. Sold in pairs, unless specified.

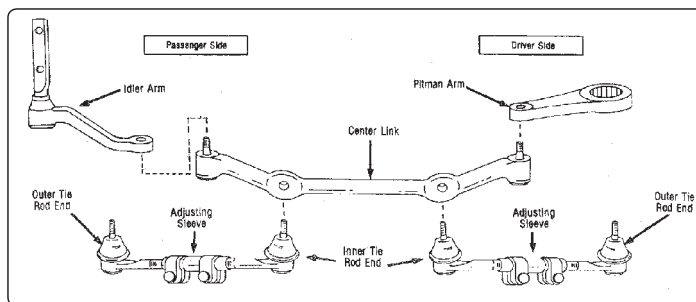
Part No.	Description	Applications
MEIA102601	10-Bolt 7.5" GM 26-Spline Axles, 28-7/16"	1978-81 Malibu/Cutlass/Grand Prix/Regal
MEIA102601CT-4750†	10-Bolt 7.5" GM 26-Spline Axles, 28-7/16"	1978-81 Malibu/Cutlass/Grand Prix/Regal
MEIA102803	10-Bolt 8.5" GM 28-Spline Axles, 30-1/16"	1970-81 Camaro/Firebird; 1968-72 Chevelle/Skylark/Cutlass/Lemans
MEIA102803CT*	10-Bolt 8.5" GM 28-Spline Axles, 30-1/16"	1970-81 Camaro/Firebird; 1968-72 Chevelle/Cutlass/Skylark/Lemans
MEIA102804	10-Bolt 8.5" GM 28-Spline Axles, 30-5/16"	1973-77 Monte Carlo/Malibu/Regal/Cutlass/Grand Am
MEIA102810	10-Bolt 7.5" GM 26-Spline Axles, 28-7/16"	1978-81 Malibu/Cutlass/Grand Prix/Regal
MEIA102812-1**	10-Bolt 8.5" GM 28-Spline Axle (Single), 30-5/16"	1973-77 Monte Carlo/Malibu/Regal/Cutlass/Grand Am

** Sold Individually * Drilled for 4-3/4" and 5" bolt circles. † Drilled for 4-3/4" bolt circle only.



Stock Replacement Chassis Parts

M2 technology delivers instant steering response and "turn-on-a-dime" handling. Ball joints have heat-treated full-ball metal studs, exclusive double bearings to even loads and provide smooth operation across the full range of motion, and all-metal "gusher" design that fully coats bearing surfaces with grease for longer life.



Application	Tie Rod Assembly - Right (Passenger's Side)				Tie Rod Assembly - Left (Driver's Side)		
	Outer End	Adj. Sleeve	Inner End	Center Link	Inner End	Adj. Sleeve	Outer End
1975-79 Chevy Camaro, Z-28	MOGES441RL	MOGES2004S	MOGES443L	MOGDS829	MOGES442L	MOGES2004S	MOGES441RL
1970-74 Chevy Camaro, Z-28	—	MOGES2004S	MOGDS781	MOGDS829	MOGDS782	MOGES2004S	—
1982-92 Chevy Camaro	—	—	—	MOGDS1049	—	—	—
1978-88 Chevy Malibu, Monte Carlo	MOGES2033RLT	MOGES2032S	MOGES2034RLT	MOGDS909	MOGES2034RLT	MOGES2032S	MOGES2033RLT
1973-77 Chevy Chevelle, Malibu, Monte Carlo	MOGES427R	MOGES2004S	MOGES2020RLT	—	MOGES2020RLT	MOGES2004S	MOGES427R
1971-72 Chevy Chevelle, Malibu, Monte Carlo	—	MOGES2004S	—	MOGDS749	—	MOGES2004S	—
1964-70 Chevy Chevelle, Malibu, Monte Carlo	MOGES333RL	MOGES2032S	MOGES681N	MOGDS749 (1968-72)	MOGES681N	MOGES2032S	MOGES333RL
1971-76 Chevy Caprice, Impala	MOGES403R	MOGES2004S	—	—	—	MOGES2004S	MOGES403R

Ball Joints



MOGK6141



MOGK6136

Part No.	Application
Upper	
MOGK5108	1964-72 Chevelle, Malibu; 1970-72 Monte Carlo
MOGK5208	1970-81 Camaro; 1973-88 Chevelle, Malibu, Monte Carlo; 1971-96 Impala, Caprice (Alternate - Allstar ALL56220)
MOGK6024	1963-71 Chevy/GMC Truck, UB Machine Style Upper A-Frames, Bolt-In (Alternate - Allstar ALL56204)
MOGK6136	1973-95 Chevy/GMC Truck, Fits Impala, Chevelle, Camaro, Raises Roll Center, Bolt-In (Alternate - Allstar ALL56208)
MOGK772	1957-89 Chrysler/Dodge/Plymouth, Lefthander Style Upper A-Frames, Screw-In (Alternate - Allstar ALL56214)
MOGMP1004	Performance 1957-89 Chrysler/Dodge/Plymouth, Lefthander Style Upper A-Frames, Screw-In (Alternate - Allstar ALL56214) Pair
Lower	
MOGK5103	1964-72 Chevelle, Malibu; 1970-72 Monte Carlo (Alternate Allstar - ALL56210)
MOGK6117T	1971-95 Chevy/GMC Truck, Fits Impala Spindle, Raises Roll Center (Alternate - Allstar ALL56212)
MOGK6141	1971-76 Impala, Caprice (Alternate - Allstar ALL56206)
MOGK6145T	1970-81 Camaro; 1973-88 Chevelle, Malibu, Monte Carlo; 1977-94 Impala, Caprice (Alternate - Allstar ALL56218)
MOGK727	1970-98 Dodge Truck, Lefthander Style Lower A-Frames, Screw-In (Alternate - Allstar ALL56216)
MOGMP1005	Performance 1970-98 Dodge Truck, Lefthander Style Lower A-Frames, Screw-In (Alternate - Allstar ALL56216) Pair

Note: Component part numbers ending with "T" feature enhanced designs.

Idler Arms

Part No.	Application
MOGK5143	1968-72 Chevrolet Chevelle, Malibu, Monte Carlo
MOGK6153	1974-76 Chevrolet Caprice/Impala
MOGK6186	1973-81 Chevrolet Camaro
MOGK6187T	1978-88 Chevrolet Malibu



MOGK6153

Control Arm Bushings (A Arm)

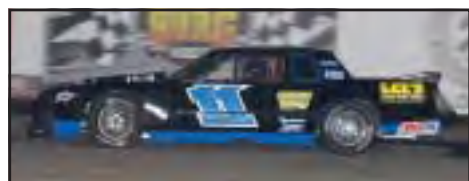


Application	Upper Part No.	Lower Part No.
1966-72 Chevelle, Round Rear Bushing	MOGK5196	MOGK6076
1970-72 Chevelle, Oval Rear Bushing	MOGK5196	MOGK5149
1974-77 Chevelle, Monte Carlo	—	MOGK6109
1978-87 Monte Carlo, Malibu	—	MOGK6177



Trailing Arm Bushings

Application	Upper Part No.	Lower Part No.
1978-88 Monte Carlo, Malibu, Regal, Cutlass	MOGK6178	MOGK6178



COLIN BOZELL

MARCUS BERGLUND

SB Chevy Wet Sump Oil Pans

"Sportsman Series" Street Stock Oil Pan MOR21308

Street Stock oil pan fits GM metric and many other chassis. Kicked-out, 8" deep pan has 7-quart capacity (plus filter), is fully baffled with three trap doors, and includes a crankshaft scraper to provide effective oil control. Compatible with strokes up to 3.800" and most starter/flywheel combinations. Fits early, pre-1980, or 1980-85 blocks with right- or left-hand dipstick.

Part No.	Description
MOR24308	When Using High-Volume MOR22111 or MEL10550 Oil Pumps





SB Chevy Wet Sump Oil Pans - Cont.

"Power Kickout Series" Street Stock Oil Pan MOR21312

Kicked-out sump, 7-1/8" deep 7-quart capacity (plus filter) pan is well suited to GM metric "A" body chassis in Street Stock classes. Steel pan is fully baffled, includes five trap doors, and removable windage tray. Compatible with strokes up to 3.800" and most starter/flywheel combinations, pan fits pre-1980 blocks with driver's side dipstick or 1980-85 blocks with passenger's side dipstick.



Part No.	Description
Pickup Required:	
MOR24101	When Using Melling MELM10555 Oil Pumps
MOR24103	When Using Standard-Volume MOR22101 or Melling MEL10553 Oil Pumps
MOR24104	When Using High-Volume MOR22111 or Melling MEL10550 Oil Pumps

Circle Track Kickout Oil Pans

Cost-effective steel small block Chevy pans fit 1978-87 GM metric, aftermarket, and Camaro chassis, are 7-1/2" deep with passenger-side kickout, and include trap door baffling, built-in crank scrapers, and removable, louvered windage trays. Pans have a 7-quart capacity, and may be used with most starter/flywheel combinations and up to 3.800" stroke with steel rods.



Part No.	Description
MOR21316	Steel Pan, Pre-1980 Blocks with Driver's Side Dipstick
MOR21317	Steel Pan, 1980-85 Blocks with Passenger's Side Dipstick
MOR21320	Steel Pan, 1986-Up Blocks with 1-Pc. Rear Main Seal
Pickup Required:	
MOR24316	When Using Melling MELM55HV Oil Pumps
MOR24317	When Using Melling MELM55 Oil Pumps

Circle Track Kickout Oil Pans with 1" Inspection Bung

Designed for 1978-87 GM metric, aftermarket, and Camaro chassis applications, steel small block Chevy oil pans feature 1" inspection bungs to meet IMCA rules for eased crankcase inspection. Pans are 7-1/2" deep with passenger-side kickout, and incorporate trap doors, built-in crank scrapers and removable, louvered windage trays for superior oil control. Pans have a 7-quart capacity, may be used with most starter/flywheel combinations, and up to 3.800" stroke with steel rods.



Part No.	Description
MOR21322	Steel Pan, Pre-1980 Blocks with Driver's Side Dipstick
MOR21323	Steel Pan, 1980-85 Blocks with Passenger's Side Dipstick
MOR21324	Steel Pan, 1986-Up Blocks with 1-Pc. Rear Main Seal
Pickup Required:	
MOR24316	When Using Melling MELM55HV Oil Pumps
MOR24317	When Using Melling MELM55 Oil Pumps

Low Ground Clearance Oil Pans with 1" Inspection Bung

Engineered for low ground clearance chassis that lack a cross member, steel oil pan has a large, 6-1/2" deep x 11-1/2" wide x 16" long sump. Pan includes a built-in crank scraper, louvered windage tray, and offset sump with five trap door baffles. Includes a 1" inspection bung to meet IMCA rules. Provides adequate clearance for up to 4.125" stroke with most steel rods.



Part No.	Description
MOR21325	Steel Pan, Pre-1980 Blocks with Driver's Side Dipstick
MOR21326	Steel Pan, 1980-85 Blocks with Passenger's Side Dipstick
MOR21327	Steel Pan, 1986-Up Blocks with 1-Pc. Rear Main Seal
Pickup Required:	
MOR24314	When Using MOR22099, MOR22101, or MELM55 Oil Pumps
MOR24315	When Using MELM55HV Oil Pump

"Power Kickout Series" Late Model Oil Pans

Steel pans are 6-1/2" deep with a passenger-side kickout and a 6-quart capacity, and will fit tube chassis cars with lower engine mounting. Oil is controlled with five trap door baffles and a louvered windage tray. Pans may be used with most starter/flywheel combinations and up to 3.800" stroke with steel rods.



Part No.	Description
MOR21314	Steel Pan, Pre-1980 Blocks with Driver's Side Dipstick or 1980-85 Blocks with Passenger's Side Dipstick
MOR21315	Steel Pan, 1986-Up Blocks with 1-Pc. Rear Main Seal
Pickup Required:	
MOR24314	When Using MOR22101 or MEL10553 Oil Pumps

Road Race Oil Pans

Designed to deliver exceptional oil control for road racing applications, steel pans incorporate built-in crank scrapers, removable windage trays, and anti-slosh baffles. Pans are 7-1/2" deep with 12" wide x 10-1/2" long sumps to provide adequate clearance for up to 4.125" stroke with steel rods and most starter/flywheel combinations.



Part No.	Description
MOR21813	Steel Pan, Pre-1980 Blocks with Driver's Side Dipstick
MOR21814	Steel Pan, 1980-85 Blocks with Passenger's Side Dipstick
MOR21815	Steel Pan, 1986-Up Blocks with 1-Pc. Rear Main Seal
Pickup Required:	
MOR24185	When Using MELM10552 or MELM10555 Oil Pumps
MOR24813	When Using MELM155HV Oil Pump
MOR24212	When Using MOR22099, MOR22101 or MELM55 Oil Pumps
MOR24213	When Using MOR22109, MOR22111 or MELM55HV Oil Pumps



SB Chevy Wet Sump Oil Pans - Cont.

GM F-Body Road Race Oil Pan MOR20179

Designed exclusively for 1993-97 Camaro/Firebird road racing applications, steel road race oil pan features a 7-1/2" deep kicked-out sump with trap door baffling for effective oil control. Pan has a 5-1/2-qt. capacity, and includes a crank scraper and removable windage tray. Offers adequate clearance for up to 4.125" stroke with most steel rods. Compatible with OEM exhaust and Hedman, Hooker, or Borla exhaust headers. Fits all pre-1986 blocks with two-piece rear main seal.



Part No.	Description
Pickup Required:	
MOR24185	When Using MELM10552 or MELM10555 Oil Pumps
MOR24813	When Using MELM155HV Oil Pump
MOR24212	When Using MOR22099, MOR22101, or MELM55 Oil Pumps
MOR24213	When Using MOR22109, MOR22111, or MELM55HV Oil Pumps

"Sportsman Series" Street Stock/GM Metric Chassis Oil Pans

7-1/8" deep oil pans are for use with GM metric "A" body chassis in Street Stock or Late Model classes. 7-quart (plus filter), kicked-out sump pans have removable, louvered windage trays and fully baffled sumps with five trap doors. Pans are compatible with strokes up to 3.800" and most starter/flywheel combinations.



Part No.	Description
MOR21318	Steel Pan, Pre-1980 Blocks with Driver's Side Dipstick or 1980-85 Blocks with Passenger's Side Dipstick
MOR21319	Steel Pan, 1986-Up Blocks with 1-pc. Rear Main Seal
Pickup Required:	
MOR24101	When Using Melling MELM10555 Flange Type Oil Pumps
MOR24103	When Using Standard-Volume, MOR22101, or MEL10553 Oil Pumps
MOR24104	When Using High-Volume MOR22111 or MEL10550 Oil Pumps
MOR24318	When Using MELM155HV Oil Pump

Oil Pan Inspection Plug Kit MOR23970

Simplify post-race inspections of the crankshaft and connecting rods, without removing the oil pan. Oil pan inspection kit installs easily by welding steel fitting to the side of the oil pan, and includes a removable lightweight aluminum inspection plug with 1" NPT threads.



GM LS Wet Sump Oil Pans

Early F-Body Road Race Oil Pan MOR21152

Constructed from fabricated aluminum with a billet rail, 6" deep oil pan is engineered for GM LS engines fitted to 1967-92 Camaro/Firebird, 2010-15 Camaro, 1953-96 Corvette, and other popular GM applications. Diamond shape, four trap door assembly, and anti-slosh baffle combine to deliver effective oil control. Clears up to 4.25" stroke with most steel rods. Includes billet aluminum oil filter adapter with 1/4" NPT sensor port.



Part No.	Description
Pickup Required:	
MOR24050	When Using OEM or MOR22120 Oil Pumps

GM LS Wet Sump Oil Pans - Cont.

Front Sump Road Race Oil Pan NEW! MOR20138

Steel GM LS engine conversion pan is engineered for road race applications requiring a front sump. Pan, which has a 6" deep x 14" wide x 6-3/4" long sump, includes a 6-1/2-qt. capacity, four trap doors, and anti-slosh baffle for effective oil control. MOR20138 includes a billet aluminum adapter allowing using the OEM oil style oil filter, MOR22463 or equivalent. Clears up to 4.25" stroke with steel rods.



Part No.	Description
MOR20138	Steel Pan, GM LS Front Sump, for Spin-On Filter
MOR20146	Steel Pan, GM LS Front Sump, Remote Oil Filter
Pickup Required:	
MOR24052	When Using MOR22120 or Other LS Oil Pumps

Rear Sump Road Race Oil Pan NEW! MOR21157

Engineered for GM LS engine conversions, steel rear sump pan fits a variety of vehicles including 1967-15 Camaro and 1953-96 Corvette. Pan has a 7-qt. capacity and a 8-3/8" long x 10-1/4" wide x 6" deep sump, is fitted with a four trap door assembly and anti-slosh baffle for effective oil control. Designed for use with the included billet aluminum remote oil filter adapter.



Oil Control Kit

Oil control kit for small block Chevrolet engines converts virtually any stock type oil pan to a competition pan. Includes PFTE-coated louvered windage tray, crankshaft scraper, and rear main oil cap baffle. Some trimming may be required for installation. Components are also available separately.

Part No.	Description
MOR23035	Complete Oil Control Kit
MOR23000	Rear Main Cap Baffle
MOR23020	Louvered Windage Tray
MOR25800	Crankshaft Wiper



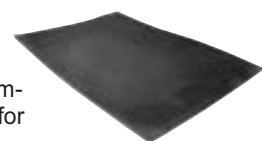
GM LS Windage Tray MOR22943 NEW!

Louvered steel windage tray allows oil thrown from the rotating assembly to drain into the sump without splashing back, reducing windage and oil foaming, while increasing horsepower. Mounts directly to the main caps using ARP main stud kit, purchased separately. Fits most Moroso-made GM LS rear sump oil pans.



Uni-Directional Windage Tray Screen MOR22912

Screen directs oil to sump area and increases horsepower by preventing oil from splashing back onto rotating assembly. 23" X 16" screen must be trimmed for each application.





SB Chevy "Tough Neck" HD Oil Pumps

Heavy-duty oil pumps are manufactured using more material and utilize a thicker "neck area" compared to traditional small block Chevy pumps. USA-made pumps are offered in standard or high-volume versions and include 5/8" inlets.

Part No.	Description
MOR22099	SB Chevy Standard-Volume Oil Pump
MOR22109	SB Chevy High-Volume Oil Pump



SB Chevy HD Oil Pumps

Available as pump only, or complete with pre-welded pickups for bolt-on installation. Choose the pump/pickup that matches the depth of the oil pan.

Description	Oil Pump/Pickup Part No.	Oil Pump Only Part No.
Standard Volume Oil Pump		
8-1/4" Deep Pan, 5/8" Inlet	MOR22124	MOR22101
High Volume Oil Pump		
8-1/4" Deep Pan, 5/8" Inlet	MOR22134	MOR22111
7-1/2" Deep Pan, 5/8" Inlet	MOR22144	MOR22111
8-1/4" Deep Pan, 3/4" Inlet	MOR22146	—
7-1/8" Deep Pan, 3/4" Inlet	MOR22147	—



GM LS Pickup Flange Reinforcement **NEW!** [MOR24890](#)

Kit improves oil pump pickup retention, preventing tube breakage. Retained using an unused hole in OEM, Moroso, or Melling oil pump. May be installed without removing pickup.



Oil Pump Driveshafts

Designed to replace mild steel OEM shafts, high-quality steel units include a pinned steel sleeve for proper oil pump and shaft alignment.

Part No.	Description
MOR22070	SB Chevy, 5.75" Long
MOR22077	SB Chevy Dart, .391" Raised Cam, 6.24" Long
MOR22090	SB Chevy, When using BB Chevy Pump, 5.625" Long



Oil Pump Stud Kit [MOR38150](#)

Oil pump stud (7/16" x 3-3/16") is made of 4130 steel and fits small or big block and 90° V-6 Chevy engines. Includes stud, self-locking nut, and hardened, ground washer.



Universal Dipstick Kit [MOR25970](#)



Chrome-plated dipstick installs with a 1/4" NPT fitting. Existing "full" marks may be used, or dipstick may be re-labeled. Overall length is 24". Includes 1/4" NPT weld fitting.

Oil Pump Block-Off Plate [MOR23790](#)

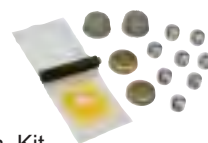
Bolt-on aluminum plate seals oil passage on rear main cap when dry sump is used. Requires no drilling or tapping for installation on small block Chevys.



Oil Return Screen Kits

Screen retains debris in the lifter valley area. Kit includes required amount of plugs to block the oil return holes in the lifter valley above the cam, redirecting the oil to the front and rear return galleries and then directly to the sump area. This reduces windage and lost horsepower due to oil resistance.

Part No.	Description
MOR25000	SB Chevy
MOR25026	Dart SHP SBC



Oil Restrictor Kits

Reduce flow to rocker arm assemblies, leaving more oil available for rod and main bearings. Power-robbing windage is reduced by lessening the volume of oil passing by the rotating assembly on its return to the pan. Not for use with hydraulic lifters.

Part No.	Description
MOR22010	SB and BB Chevys, .0625" Orifice Dia., Screws into Lifter Galley Cleaning Plug Holes at Back of Block, 2 Per Package
MOR22016	New GM Blocks with Oil Lifter Galley Bosses, Flush with Bellhousing Face, 2 Per Package
MOR22018	Dart SHP SB Chevy
MOR22045	SB Ford 302-351W, 7 Per Package



Single-Stage External Dry Sump Pump [MOR22321](#)

Tri-lobe design, external dry sump pump is engineered to be lightweight and efficient. Single-stage pump includes a 1.200" spur gear pressure section and mounts on the right side of small block Chevy engines. Sold complete with necessary fittings.



Dry Sump/External Oil Pump Primer Drive [MOR62208](#)

Specialized tool allows quickly priming dry sump or external oil pumps. Durable, stainless steel adapter works with an electric drill, and attaches to 5/8" shaft common to dry sump or external oil pumps. Includes hardware.



External Oil Pump Pickup Kits **NEW!**

Required when using a single-stage external oil pump with a wet sump pan, kit welds directly into an aluminum pan.

Part No.	Description
MOR24865	-12AN Male Fitting
MOR24866	-16AN Male Fitting



In-Line Oil Filter

Filters are a necessity in many scavenge line locations to prevent metal chips from entering dry sump pumps, rear end pumps, and other oiling system components. Lightweight anodized aluminum filters are easy to disassemble and clean.

Part No.	Description
MOR23850	5/8", -10 Fittings
MOR23860	3/4", -12 Fittings
MOR23870	1/2", -8 Fittings



Filter Fitting [MOR23961](#)

-12AN fittings trap metal chips in the oil before they reach the pump, engine, or rear end. Fits dry sump tanks, oil pans, rear end filler/breathers, etc., and is easily removed for cleaning. Screen is 304 stainless steel .015" dia., 16 mesh wire. Sold individually.





Engine Saver Pre-Filter Screen MOR23845

Located on top of spin-on oil filters the 304 stainless steel, filtration-grade screen traps contaminants down to the 280-micron range without affecting oil flow or pressure. Crimped rings on inside and outside diameters increase strength and durability. Fits small block, big block, and 90° V-6 Chevys.



Billet Aluminum

Remote Oil Filter Mounts

MOR23764

Remote oil filter mount accepts Chevy style oil filter and offers more installation options. Black anodized billet aluminum mount has two -12AN inlets and three outlets, one -12AN and two 1/4" NPT.

Part No.	Description
MOR23763	Remote Oil Filter Mount, Side Port Style
MOR23764	Remote Oil Filter Mount, Front Port Style



Remote Oil Filter Mounts

MOR23750

Remote oil filter mounts for dry sump oil systems or wherever installations require a remote-mounted oil filter. Cast aluminum mounts are tapped for 1/2" NPT adapters and use spin-on type filters.

Part No.	Description
MOR23700	Flow Direction: Inlet Right, Outlet Left-Hand Side, Accepts V-8 Ford or Chrysler Type Spin-On Filters
MOR23710	Flow Direction: Inlet Left, Outlet Right-Hand Side, Accepts V-8 Ford or Chrysler Type Spin-On Filters
MOR23750	Flow Direction: Inlet Right, Outlet Left-Hand Side, Accepts V-8 Chevrolet Type Spin-On Filters
MOR23760	Flow Direction: Inlet Left, Outlet Right-Hand Side, Accepts V-8 Chevrolet Type Spin-On Filters
MOR23766	Universal Mount for Large Diameter Filters; -12AN Inlet and Outlet Fittings, One Filter Adapter, Works with Fram HP6



Billet Aluminum GM LS Spin-On Filter Adapter NEW!

Oil filters adapters are designed for applications using a Moroso oil pan (20138, 20145, 20146, 20147, 20150, 20158, 21151, and 21157) that require a spin-on oil filter such as the OEM-style or MOR22463. Choose from inbound rail or 90° versions.

Part No.	Description
MOR23711	GM LS Spin-On Filter Adapter, 90° Style
MOR23712	GM LS Spin-On Filter Adapter, Inbound Rail



Billet Aluminum Remote Oil Filter Adapter for GM LS MOR23688

Billet aluminum adapter is ideal when chassis restrictions don't allow a block-mounted filter or when a larger external filter is desired. Adapter includes -10AN inlet and outlet ports, and is sold complete with necessary hardware.



Oil Bypass Eliminator MOR23775

Machined billet aluminum adapter eliminates the bypass found in OEM small block Chevy filter adapters, preventing unfiltered oil from entering the engine. Adapter features a single inlet and accepts spin-on, stock-type oil filters.



Oil Filter Adapters

Adapters lower filter 1-1/2" and accept accumulators, external or dry sump pumps, or remote oil coolers. Will fit small block Chevys without modification. Adapters use 1/2" NPT inlets and outlets. Includes instructions, mounting bolts, and O-rings.

Part No.	Description
MOR23690	Adapter for Plumbing Accumulators and External or Dry Sump Pumps
MOR23692	Adapter for Plumbing Remote Oil Coolers



Oil Cooler/Filter Sandwich Adapter MOR23693

Adapter installs between filter pad on engine block and spin-on oil filter, and includes provisions to plumb a remotely mounted oil cooler or accumulator. Billet aluminum, adapter with black anodized finish includes -10AN pressure and return ports. Adapter has 3/4"-16 threads and a 2-5/8" O-ring, and fits popular Ford, Chrysler, and other 4-/6-cylinder applications.



Oil Cooler/Filter Sandwich Adapter for GM LS MOR23694

Billet aluminum adapter installs between spin-on oil filter and filter pad, providing connections for a remote oil cooler or accumulator. Adapter fits all 1997-06 LS1, and has 13/16"-16 thread and -10AN ports.



Oil Filter Bypass MOR23770

Oil filter bypass fits all small block Chevy V-8's. For use with wet sump oil systems when remote oil filters or coolers are used. Bypasses are cast from aluminum with 1/2" NPT inlet and outlet. Includes gaskets and fasteners.



Billet Oil Filter Bypass Plate MOR23782

Plate is necessary when using a remote oil filter or returning oil from dry sump systems. Plate fits small block Chevy and accepts -10AN O-ring port fittings. O-rings are captured in the plate for a tight seal against the block. Includes mounting hardware and O-rings.



Oil Filter Block-Off Plate MOR23840

Often used on dry sump oil system installations, plate has a 1/2" NPT port for input pressure line and fits all small and big block Chevy (except Gen. V/VI or those with bolt hole at center of pad).



Large Diameter Remote Oil Filter Mount MOR23766

Low-profile billet aluminum mount works well in tight areas and has two 3/8"-16 threaded mounting holes, -12AN inlet and outlet ports, and a 1/8" NPT for a gauge. Includes two adapters to accept a wide range of oil filters including the Fram HP-6.



Racing Oil Filters

Rated at 27 microns, filters provide less pressure drop, more flow, less oil bypass, and maximum oil filtration.

Part No.	Description
MOR22459	Chevy Short Style Oil Filter, 4-9/32" Tall
MOR22460	Chevy Tall Style Oil Filter, 5-1/4" Tall
MOR22470	Ford/Chrysler Tall Style Oil Filter, 5-1/4" Tall





Accumulator

Provides oil the instant oil pressure drops below a safe level and can decrease the oil level in the pan to reduce windage and horsepower loss. The accumulator is 20-1/8" long and 4-1/4" diameter, and can be mounted in any position. It holds 3 qts. of oil and is tapped for a 1/2" NPT fitting. The heavy-duty accumulator is designed for extreme high pressure and is 23" long and 4-3/4" diameter. Accumulators are to be used with oil filter adapter MOR23690, and electric solenoid valve MOR23905. Use mount kit MOR23920 for the standard accumulator and MOR23921 for the heavy-duty model.

Part No.	Description
MOR23900	Accumulator, 3-Qt. Capacity
MOR23902	Heavy-Duty Accumulator, 3-Qt. Capacity
MOR23905	12-Volt Solenoid Valve
MOR23908	Electronic Pressure Control Kit, 35-40 PSI NEW!
MOR23920	Accumulator Mount Kit
MOR23921	Heavy-Duty Accumulator Mount Kit
MOR23690	Oil Filter Adapter, SB Chevy

Oil Preheaters

Heater elements are specifically designed for heating oil, warming up to 12 qts. of oil 60°F in roughly 25-30 minutes. Sold complete with detachable electric cord. Available with aluminum or steel weld bung.

Part No.	Description
MOR23980	Oil Preheater, 212 Watts, Aluminum Fitting
MOR23990	Oil Preheater, 212 Watts, Steel Fitting
MOR23991	Oil Preheater, 400 Watts, Aluminum Fitting

External Heating Pads

Pads adhere to oil tanks to preheat engine oil. Etched foil distributes heat evenly and silicone outer shell resists oil and dirt. Includes 18-AWG electrical cord with plug for 110-volt AC outlets.

Part No.	Description
MOR23995	6" x 12" 360-Watt Pad, Hook-and Spring Attachment
MOR23996	5" x 7" 400-Watt Self-Adhesive Pad, Heats from 66° to 160°F in 25 Min.
MOR23997	2" x 15" Self-Adhesive Pad, Perfect for Narrow Areas

Lifter Valley Oil Baffle

MOR25050

Baffle increases horsepower by shielding bottom of intake manifold from hot oil. Also keeps surplus oil out of valve covers by eliminating oil splash. Maintains oil pressure during pushrod or rocker arm failure by keeping lifters in their bores. Fits SB Chevy and may have to be trimmed .060-.100" before snapping into place. Not to be used with roller lifters.

Valvetrain Oil Deflector **MOR67700**

Redirects oil from pushrods to fulcrum balls, rockers, and springs to provide maximum lubrication and cooling, extending the life of the stock valvetrain. Lightweight, .100" thick aluminum deflectors mount easily to stock rocker arm studs.



Chrome Plated Valve Covers

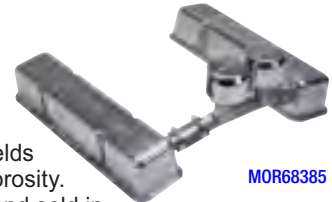
An economical alternative to high-priced valve covers. Chrome covers offer superb fit and sealing. Tall covers clear most roller rockers and shaft rocker systems. Sold in pairs, complete with grommets.



Part No.	Description
MOR68102	Tall, Small Block Chevy 262-400
MOR68103	Baffled, Tall, Small Block Chevy 262-400
MOR68201	Baffled, Tall, Small Block Ford 289-351W
MOR68202	Tall, Small Block Ford 289-351W

Die Cast Aluminum Valve Covers

Tall thin wall covers are about half the weight of standard cast versions. The casting process yields a blemish-free surface with no porosity. Valve covers are hand-polished and sold in pairs with studs and grommets.



Part No.	Description
MOR68385	Small Block Chevy 262-400, Tall, with Crossover Breather Tube Kit
MOR68401	Small Block Chevy 262-400, Tall with Moroso Logo
MOR68405	Small Block Chevy 262-400, Tall without Logo
MOR68450	Small Block Ford 289-351W, Smooth, Extra Tall without Logo
with Welded Breather Tubes	
MOR68365	Small Block Chevy 262-400, Tall, 2 Breather Tubes at Front of LH Cover, with Moroso Logo, Breathers Included
MOR68370	Small Block Chevy 262-400, Tall, 2 Breather Tubes at Center of 1 Cover, with Moroso Logo, Breathers Included
MOR68374	Small Block Chevy 262-400, Smooth, Tall, 2 Breather Tubes at Center of 1 Cover, without Logo, Breathers Included

Fabricated Aluminum Valve Covers

Tall covers are extremely light, about 3 lbs. each, and include fasteners.



Part No.	Description
MOR68026	Small Block Chevy, Centerbolt Style Cylinder Heads, Billet Rail, 2 Breather Tubes at Center of LH Cover
MOR68326	Small Block Chevy 262-400, OEM and 18°, Billet Rail
MOR68329	Small Block Chevy 262-400, OEM and 18°, Billet Rail, with Valve Spring Oilers
MOR68335	Small Block Chevy 262-400, OEM and 18°, Rigid Rail

Two-Piece Billet Aluminum Valve Covers with Spring Oilers **MOR68051**

Two-piece valve covers feature built-in valve spring oilers for added durability. Spring oilers include multiple supply ports for eased plumbing. For most small block Chevy with 13°-23° cylinder heads, valve covers also allow valve clearance checks without spilling oil on headers. Work best with T&D rocker arms. Black anodized finish. Sold per pair.

Note: Will not fit All Pro 270-7 cylinder heads.



Valve Cover Spring Oiling Rails **NEW!** **MOR68330**

Billet aluminum rail, which sandwiches between the cylinder head and valve cover, includes multiple removable/replaceable .250" jets and multiple, -4AN oil supply ports. Sold per pair.





Billet Aluminum Valve Covers for GM LS

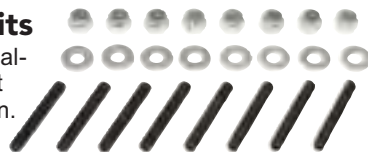
CNC-machined from billet aluminum, valve covers fit GM LS series stock or aftermarket cylinder heads. One cover features an oil cap and O-ring. The 2-1/2" tall covers clear most aftermarket valve trains. Valve covers are machined for use with MOR93025 O-ring. Sold in pairs.



Part No.	Description
MOR68471	GM LS Valve Covers, 2-1/2" Tall
MOR68473	GM LS Valve Covers, 1-1/2" Tall OEM Height

Valve Cover Stud Kits

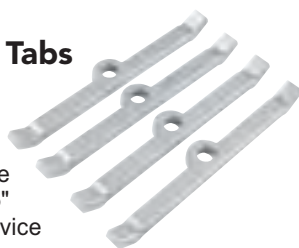
Studs ease valve cover installation or removal and prevent loosening caused by vibration. "Bullet Nose" studs make it easier to start threads on mounting nuts. Sold in sets of eight.



Part No.	Description
MOR68820	Valve Cover Stud Kit, 1/4"-20 x 1-3/4", Studs, Hex Nuts & Flat Washers
MOR68830	"Bullet Nose" Valve Cover Stud Kit, 1/4"-20 x 1-1/2", Studs, Hex Nuts & Flat Washers
MOR68831	"Bullet Nose" Valve Cover Stud Kit, 1/4"-20 x 1-1/2", Studs & 12 Pt. Nuts

Small Block Chevy Valve Cover Hold Down Tabs MOR68510

Chrome-plated steel tabs spread the fastener load over a larger area of the valve cover flange to eliminate distortion and leakage. Set of four 5" hold down tabs with 5/16" holes service one cover.



Perm-Align Valve Cover Gaskets

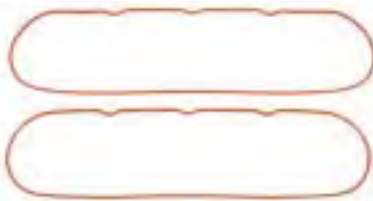
Durable gaskets won't leak, blow out, or get sucked in. Gaskets are 3/16" thick, and made of 40 durometer rubber vulcanized to a rigid steel frame to provide years of dependable service. Two per package.



Part No.	Description
MOR93020	SB Chevy
MOR93021	SB Chevy with 12°, 13.5°/15°/16°/18°, Brodix /Dart/Edelbrock/All-Pro Heads
MOR93060	Ford 302/351W

Valve Cover Gaskets for GM LS MOR93025

Heavy-duty, molded rubber gaskets are engineered to work with both OEM and Moroso valve covers fitted to GM LS engines. Sold per pair.



Crossover Breather Tube Kit MOR68762

Engineered for small block Chevy powered race cars, kit includes components to build an effective crankcase breather system. Mounting hardware and aluminum weld-in bungs included.



Weld-In Filtered Breather Kit MOR68800

Designed for use with aluminum valve covers, kit includes two internally baffled breather tubes which must be welded to valve covers.



Crankcase Evacuation System MOR25900

System maintains negative pressure throughout the entire RPM range, resulting in piston ring seal, reduced intake charge contamination, and fewer oil leaks caused by high crankcase pressures.



Valve Cover Breather Kits

Moroso offers a variety of different kits for installing a crankcase breather directly into a valve cover. Kits include cleanable and re-usable filters. Choose from kits with black or chrome finish.



MOR68846

Description	Black Part No.	Chrome Part No.
OEM GM Single Tab Valve Covers	MOR68846	MOR68839
OEM GM Double Tab Valve Covers	MOR68847	MOR68840
For GM LS Moroso Covers with 1-1/4"-12 Female Bung	MOR68848	—
U-Weld with Steel Adapter	MOR68851	MOR68849
U-Weld with Aluminum Adapter	MOR68853	MOR68852
Non-Weld	MOR68855	MOR68854
with Screw-In Aluminum Adapter	MOR68855	MOR68854
Clamp-On Breather Only, for 1" O.D. Tube	MOR68792	—

Filtered Valve Cover Breathers

Hooded and non-hooded breathers are available in two styles, clamp-on or push-in, and feature chrome-plated steel housings. Elements must be oiled before use and are easily cleaned with soap and water. Elements must be dry before re-oiling. Sold individually.



MOR68817

Part No.	Description
MOR68811	Hooded Clamp-On Type, Fits 1-3/8" Tube
MOR68812	Hooded Clamp-On Type, Fits 1-1/2" Tube
MOR68813	Hooded Push-In Type, for Covers with Punched Hole
MOR68815	Non-Hooded Clamp-On Type, Fits 1-3/8" Tube
MOR68816	Non-Hooded Clamp-On Type, Fits 1-1/2" Tube
MOR68817	Non-Hooded Push-In, for Covers with Punched Hole

Note: The hooded filtered breathers should be installed with the hood facing the fan so that no grit can be blown into the element.

Valve Cover Fittings for GM LS NEW!

Fittings offer an easy method of adding a -12AN male fitting to GM LS valve covers. Sold each.



Part No.	Description
MOR68843	-12AN Male Valve Cover Fitting, for OEM Double Tab Valve Covers
MOR68845	-12AN Male Valve Cover Fitting, for OEM Single Tab Valve Covers
MOR68856	-12AN Male Valve Cover Fitting, 1-1/4"-12 Threaded for Moroso Valve Covers



Push-In Filtered Breather Kit MOR68810

Allows installing breathers in valve covers without welding. Includes two each of filtered breathers, chrome adapters, and valve cover grommets. For valve covers with 1.22" dia. openings.



Aluminum Breather Tanks

Lightweight, spun aluminum tanks are well suited for use as breather tanks for dry sump systems, rear ends or transmissions. Tanks are 11-1/2" high x 3-1/8" O.D., and include a clamp-on breather and bottom petcock drain.

Part No.	Description
MOR85455	Breather Tank with Mounting Bracket, (2) 1/2" NPT Female Fittings NEW!
MOR85468	Breather Tank with Mounting Bracket, (2) -10AN Male Fittings NEW!



Breather Tanks

Lightweight, black polyethylene tanks are well-suited for use as engine, transmission, or rear end breather tanks. Tanks are 3-1/8" diameter x 10-1/2" tall (with breather) and include 2" tall, clamp-on breather. May be mounted using MOR63401 mounting bracket. Offered with -6AN, -8AN, or -12AN fitting.

Part No.	Description
MOR85400	Breather Tank, -12AN Fitting
MOR85404	Breather Tank, -8AN Fitting
MOR85406	Breather Tank, -6AN Fitting



Racing Air Cleaners

Chrome-plated, 14" x 3" air cleaners include radiused air inlets for enhanced flow and improved performance. Offered in flat or raised-bottom versions, air cleaners fit popular 4bbl. carburetors with 5-1/8" neck. Raised-bottom air cleaner is designed to clear tall throttle return spring brackets. Each air cleaner is sold complete with 3" tall element, mounting stud, and wing nut.



Part No.	Description
MOR65911	Flat Bottom Air Cleaner
MOR65913	Raised Bottom Air Cleaner

Reusable Filter Shield MOR65947

Shield fits 14" x 5" filters, is made of large cell foam and can be cleaned in the sink or washing machine. One per package.



Carburetor Cover MOR65802

Durable plastic cover keeps dust and other material out of the carburetor during transportation and storage. Fits Holley, Edelbrock, Thermoquad, and Quadrajet carbs with 5-1/8" dia. necks. Includes 1/4"-20 thumbscrew fastener.



Carburetor Spacers



MOR64930 MOR64943 MOR65015 MOR64970 MOR64996

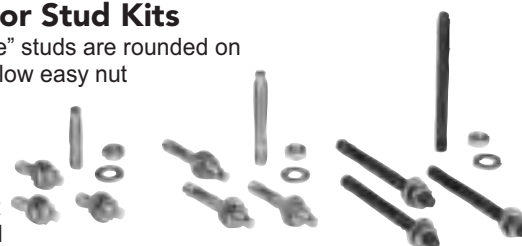
Moroso offers open plenum and four-hole carburetor spacers in plastic, phenolic, wood, cast aluminum, and billet aluminum. Spacers increase plenum distance for improved fuel distribution and insulate the carburetor from the manifold. Stud installation kit and gaskets must be purchased separately. Spacers fit standard flange carburetors.

Description	Plastic Part No.	Phenolic Part No.	Wood Part No.	Cast Aluminum Part No.	Billet Aluminum Part No.
4-Hole Spacer					
1/2" Tall, 1.75" Bores	—	MOR64943	—	—	—
1" Tall, 1.75" Bores	MOR64930	—	—	—	MOR64996
2" Tall, 1.75" Bores	—	—	—	—	—
Open Spacer					
1/2" Tall	—	—	MOR65015	—	MOR64985
1" Tall	MOR64940*	—	—	MOR64980	MOR64981
2" Tall	—	—	—	MOR64970	—

* IMCA-legal for crate engine class.

Carburetor Stud Kits

"Bullet Nose" studs are rounded on one end to allow easy nut installation. Kits include four of each: studs, hardened flat washers, and nuts.



Part No.	Description
MOR37950	5/16" x 1-3/8", Fits Carbs with 1/2" Flange Base
MOR37955	5/16" x 2", Fits Carbs with 1/2" Thick Spacer
MOR37960	5/16" x 2-1/2", Fits Carbs with 1/2" Flange Base and 1/2" or 1" Spacer
MOR37961	5/16" x 3-1/2", Fits Carbs with 1/2" Flange Base and 1-1/2" or 2" Spacer

Throttle Stop for Holley Carbs MOR65042

Throttle stop for Holley 4150 style carbs provides a strong, positive stop, and also prevents excessive side loading on the throttle shaft that can cause shaft bores to wear out. Stop is adjustable and mounts to carb hold-down stud. Fits both 1:1 and progressive linkages. Made of 1/8" steel with clear zinc finish.



Carburetor Linkage Bushing Set MOR64920

Steel bushing set adapts 1/4" throttle stud to the 1/2" dia. hole found in the throttle linkage plate of most four-barrel carbs. Split bushing permits easy installation and eliminates the loose fit of rubber bushings.





Fuel Pump Block-Off Plates

Block the fuel pump boss when mechanical fuel pump is not used. Available in anodized aluminum, chrome-plated steel, and black anodized billet aluminum finishes.



Description	Black Anodized Aluminum	Chrome - Plated Steel	Black Anodized Billet Aluminum
Small Block Chevy	MOR65391	MOR65393	MOR65395
Ford (Exc. 351C, 351M-400)	MOR65392	—	MOR65396

Lightweight Fuel Pump Push Rods

Lightweight fuel pump pushrods with hardened ends reduce reciprocating mass, preventing pump arm float and fuel starvation. For use with flat tappet camshafts only.



Part No.	Description
MOR65750	SB Chevy
MOR65752	"Rocket" Block, .200" Longer

Aluminum Water Pumps

Pumps have reinforced housings for extra strength and are fitted with impellers to reduce drag to save horsepower. Water pump spacer kits to convert short water pumps to long type are sold separately.



Part No.	Description
MOR63500	SB Chevy, 1955-68 "Short" Design, 5/8" Shaft
MOR63510	SB Chevy Water Pump Spacers, Converts MOR63500 to "Long" Design

Universal Water Pump Pulley Shim Kit MOR64035

Shims install between the water pump pulley and the drive flange to properly align belt drive. The kit contains two 1/16" and one 1/8" spacers. Fits all GM and Ford water pumps with either 3/4" or 5/8" shaft.



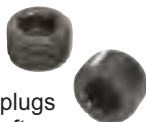
Water Outlet Restrictor Kit MOR63440

Fits all GM V-8's, V-6's, and small block Fords. Anodized aluminum restrictor plates mount under the water outlet on the intake manifold. By reducing the outlet flow, water absorbs more heat for improved cooling. Kit consists of three plates with 5/8", 3/4", and 1" I.D. holes (2-1/8" O.D.).



Deck Plug Kit MOR37800

Install 3/4" NPT plugs in block to greatly reduce upper cylinder wall distortion in small block and 90° V-6 Chevys. Holes must be tapped before the plugs are screwed in, and block machining is necessary after installation. Plugs also restrict water flow to the cylinder heads by reducing water passage holes. Six per package.



Temperature Fitting MOR63645

Corrosion-resistant brass fitting fits 1/2" NPT holes and accepts sending units with 5/8"-18 threads.



Aluminum Crankshaft and Alternator Pulleys

V-belt pulleys are machined with extra-deep grooves for belt



MOR64050



MOR64060



MOR64110



MOR64800

retention. Smaller crank pulley diameter slows fan, water pump, and alternator for less horsepower draw. Large alternator pulleys reduce alternator speed. Use 36° x 17/32" belt.

Part No.	Description
Crankshaft Pulleys	
MOR64050	SB Chevy, Single Groove, Pre-1969, Short Water Pump, 5.25" O.D., 30% Reduction
MOR64060	SB Chevy, Double Groove, Pre-1969, Short Water Pump, 5.40" O.D., 25% Reduction
MOR64110	SB Chevy, Double Groove, 1969-Up, Long Water Pump, 4.04" O.D., 50% Reduction
Alternator Pulley	
MOR64800	GM/Ford, Single Groove, 5.00" O.D.

Cooling System Expansion Tanks

Developed for use where the top of the radiator is mounted below the manifold filler neck. Each tank is made of aluminum with one 1/4" pipe fitting near the top for overflow and one 1/2" pipe fitting on the bottom for a filler line to the cooling system.



Part No.	Description
MOR63650	1-1/2-Qt. Capacity, Stamped Neck, 3-5/8" Deep
MOR63651	1-1/2-Qt. Capacity, Billet Neck, 3-5/8" Deep
MOR63655	1-Qt. Capacity, Stamped Neck, 2-5/8" Deep
MOR63656	1-Qt. Capacity, Billet Neck, 2-5/8" Deep
MOR63772	1-1/4-Qt. Expansion/1 Qt. Recovery Tank, Billet Neck
MOR63773	1-1/4-Qt. Expansion Tank with Sight Tube, Billet Neck

Coolant Expansion Tank for Subaru WRX/STI NEW! MOR63871

A direct bolt-on for the OEM plastic unit found on 2008-19 Subaru WRX and STI, fabricated aluminum tank includes a provision for the OEM siphon hose. Sold complete with billet aluminum cap.



Radiator Overflow Tank

Plastic one-quart overflow tank has a 3" diameter and is 10-1/2" high. A hose fitting and drain cock are included. Mounting bracket is available separately.

Part No.	Description
MOR63657	Radiator Overflow Tank
MOR63401	Universal Mounting Bracket, Fits 3"-3.25" Dia. Tanks



Racing Radiator Caps

High-pressure radiator caps are engineered for standard radiator necks and utilize stainless steel springs and solid brass spring retainers.

Part No.	Description
MOR63320	19-21 PSI
MOR63324	23-25 PSI
MOR63328	27-29 PSI
MOR63332	31-33 PSI NEW!





Radiator Hose Fillers

Cast 356-T6 aluminum fillers splice into the upper radiator hose for positive filling of the heads and block. Standard cap receptacle is welded to the cast flange.

Part No.	Description
MOR63730	1-1/2" Hose to 1-1/2" Hose
MOR63740	1-1/2" Hose to 1-1/4" Hose
MOR63745	1-1/4" Hose to 1-1/4" Hose



Water Neck Bleeder Kits

Quickly remove air from the highest point in the small block Chevy cooling system. Kit includes (1) 1/2" NPT rear port temperature sender and (2) 1/4" NPT for plumbing water lines.

Part No.	Description
MOR63430	Cast Aluminum Bleeder Kit
MOR63432	Bleeder Plate Only



Thermostat Spacer for Brodix HV-Series Manifolds **NEW!** MOR63433

May be used to add a thermostat to Brodix HV-series manifold or to add water lines to Chevy applications. Billet aluminum, 1" thick spacer has (2) 3/8" NPT ports for plumbing water lines.



Filler Necks

Manifold Filler Neck Kit MOR63420

Cast aluminum neck is 3-1/4" tall and fits small block, big block, and 90° V-6 Chevy engines. Locates the filler neck at the highest point when radiator is lower than manifold outlet. Filler neck has a 1/2" NPT fitting for temperature gauge sending unit and two 1/4" NPT fittings to accommodate water lines. May be flipped to position outlet for right or left top hoses. Includes two gaskets, bolts, washers, and standard radiator cap filler neck.



Bolt-On with -16AN Fitting MOR63455

Designed by Banjo Matthews to accommodate a -16AN steel braided upper radiator hose. Fits all small block Ford 221-351W.



Bolt-On Billet Aluminum MOR63421

A billet aluminum version of MOR63420 without the filler neck or hardware. Adapter has a 1" NPT port, which accepts a hose adapter, two 1/4" NPT ports for return lines, and a single 1/2" NPT port for a temperature sender fitting. Fits Chevy V-8.



Bolt-On Cast Aluminum MOR63423

Cast aluminum, manifold-mounted housing is identical to the MOR63420 base with two 1/4" NPT ports for return lines and a single 1/2" NPT port for a temperature sender. Fits Chevy V-8.



Filler Necks - Cont.

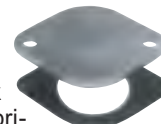
Bolt-On with -16AN Fitting MOR63461

Black anodized aluminum neck has two 3/8" NPT female ports to plumb water to cylinder heads for additional cooling. Use with -16AN steel braid-reinforced upper radiator hose. Fits Chevy V-8.



Bolt-On Block-Off Plate MOR63471

Untreated aluminum block-off plate is 1/4" thick and is easily drilled or welded. Use to custom fabricate water outlets. Fits Chevy V-8.



Bolt-On Stamped Aluminum MOR63465

Fits Chevy manifold or Moroso MOR63420 filler neck kit. Black anodized aluminum neck uses standard radiator cap. Fits Chevy V-8.



Bolt-On Billet Aluminum

Heavy-duty neck fits small and big block Chevy intakes. Includes screw-in 1/8" NPT hose fitting for expansion tanks and accepts a standard radiator cap. Offered with natural or black anodized finish.



Part No.

Description

MOR63466

Billet Aluminum Filler Neck, Natural

MOR63468

Billet Aluminum Filler Neck, Black Anodized

Weld-On Stamped Aluminum MOR63485

Use when a custom cooling system is being fabricated. Accepts standard cap.



Weld-On Billet Aluminum MOR63486

Use where a heavy-duty, custom filler neck is needed. Includes screw-in 1/8" NPT hose fitting for expansion tanks and accepts standard cap.



Small Block Chevy Balancer Bolt MOR38770

Grade 8, gold iridite-plated balancer bolt is 7/16"-20 x 2-1/4" long with an extra-thick hex head for increased socket engagement and easier engine rotation.



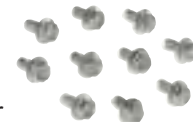
Intake Manifold Bolts MOR38400

12-point, 3/8" diameter bolt kit simplifies small block Chevy intake manifold installation or removal. Grade 8 bolts are gold iridite-finished and include washers.



Timing Cover Bolts MOR38590

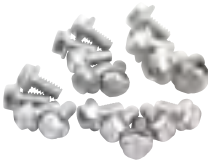
Cadmium-plated 1/4"-20 Grade 8 fasteners for small block Chevy have a serrated washer face for positive locking. Sold in packs of 10.





Oil Pan Bolts

Self-locking, cadmium-plated Grade 8 bolts for small block Chevy use an integral, serrated washer to prevent loosening. Sold in set of 18.



Part No.	Description
MOR38550	SB Chevy Oil Pan Bolts, Includes (14) 1/4"-20 x 3/4" and (4) 5/16"-18 x 3/4"
MOR38555	SB Chevy Oil Pan Bolts, for Multi-Piece Gaskets, Includes (14) 1/4"-20 x 1/2" and (4) 5/16"-18 x 3/4"

Flywheel/Flexplate Bolts

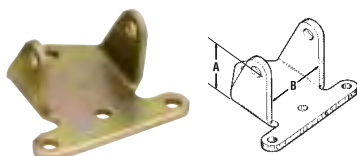
High-quality grade 8 bolts include washers and are heat-treated and black oxide coated. Fits small block Chevy.



Part No.	Description
MOR38755	Flywheel Bolts, 12-Point 7/16"-20 x 1", 6 Bolts and Washers
MOR38760	Flexplate Bolts, 6-Point 7/16"-20 x 3/4", 6 Bolts and Washers

Chevy Solid Steel Motor Mounts

Replace stock rubber mounts. Prevent torque loss and binding linkages caused by engine movement. Mounts eliminate torque straps or chains. Mounts have a protective zinc finish. Sold in pairs.



Part No.	Description	Dimensions	
		"A"	"B"
MOR62500	Replaces OEM 3990914, .250" Thick	1-11/16"	2-1/2"
MOR62510	Replaces OEM 3962748, .188" Thick	2-1/8"	2-3/8"
MOR62515	Replaces OEM 332648, .188" Thick	2-9/32"	2-3/8"
MOR62530	Replaces OEM 6258154, .188" Thick	1-3/4"	2-5/8"

Chevy Solid Steel Motor Mount Pads [MOR62630](#)

Mounts replace soft, rubber-cushion frame mounts on 1974-81 Camaro/Firebird, 1973-79 Nova, and 1973-88 Malibu and Monte Carlo with small block Chevy engines. Use with [MOR62515](#) motor mounts. Pads eliminate the need for torque straps and prevent movement/linkage binding. Sold in pairs.



Extra-Long Bellhousing Dowel Pins

Pins simplify the installation of the bellhousing on the engine block. Available in standard and offset configurations, pins help properly align the transmission input shaft to the pilot bearing. Packaged two per card.

Part No.	Description
MOR37932	Standard GM V-8
MOR37934	0.007" Offset
MOR37936	0.014" Offset
MOR37938	0.021" Offset



Note: Exercising care in concentric adjustment to within $\pm .005"$ will ensure a clean clutch release, maximum pilot bearing and transmission life, and reduced shifting problems.

Offset Cylinder Head Dowels

Offset dowels reposition the cylinder heads upward on the block (toward the lifter valley), moving the valves away from the cylinder walls for improved flow. Each package includes four steel dowels. Installation will require modifications to cylinder heads and/or intake manifold to maintain proper fit and port alignment.



Part No.	Description
MOR37920	Small Block Chevy 262-400, .015" Offset
MOR37930	Small Block Chevy 262-400, .030" Offset

Roller Pilot Bearing [MOR41100](#)

High-speed bearing is a direct replacement in all Chevy V-8's, 90° V-6's, and 1976 and later V-6 Buicks. Requires no modifications.



Leaf Spring Perches [MOR85090](#)

For 3" axle housings, perches ease installation of rear ends in leaf-spring cars. Exact fit and the center-bolt holes are drilled for perfect registration. Sold in pairs.



Wheel Studs



[MOR46150](#) [MOR46160](#) [MOR46180](#) [MOR46200](#) [MOR46220](#) [MOR46240](#)

High-grade SAE 8740 steel wheel studs can withstand shear loads of 190,000 PSI (exceeds Grade 8 specs). Five per package.

Part No.	Description
MOR46150	7/16"-20 x 2-7/8" Press-In Stud with .480" Dia. Knurl, Fits Most Late Model GM Drum Brake Applications, Std. Hole Size .472" to .479"
MOR46160	7/16"-20 x 2-7/8" Press-In Stud with .560" Dia. Knurl, Fits Most Late Model GM Disc Brake and Early Drum Brake Applications, Std. Hole Size .552" to .559"
MOR46180	1/2"-20 x 3" Press-In Stud with .615" Dia. Knurl, Fits Most Disc Brake Ford Front and Rear and Chrysler Front Applications, Std. Hole Size .606" to .613"
MOR46185	1/2"-20 x 3" Press-In Stud with .594" Knurl and Quick-Start Dog End, Fits 1979-03 Ford Mustang, Std. Hole Size .590"
MOR46200	1/2"-20 x 3" Screw-In Stud, Fits Aftermarket Axles with 1/2"-20 Threads
MOR46220	1/2"-20 x 3" Press-In Stud with .563" Dia. Knurl and Quick-Start Dog End for Use in 1/2" Frankland Hubs, Std. Hole Size .554" to .561"
MOR46240	5/8"-18 x 3" Press-In Stud for Oval Track Applications, Features .672" Dia. Knurl and Quick-Start Dog End, Std. Hole Size .663" to .670"
MOR46245	12mm x 1.5 x 3.25" Press-In Stud with .509" Dia. Knurl, Fits Most Late Model Corvette and Camaro/Firebird

Note: Stud lengths are measured from the base of the knurl to the end of the stud. Do not use any of these studs with wheel spacers.



Mag-Tune Spark Plug Wire Sets **NEW!**

Affordable, spiral core 8mm plug wires are constructed using a conductive latex-coated, heavy-duty fiberglass core with a spiral-wound stainless nickel alloy conductor, which is insulated using a fiberglass reinforcing braid and high-temperature EPDM jacketing. Choose from universal or custom fit sets. Universal sets include both socket and HEI boots/terminals. Black only.



Part No.	Description
Universal Wire Sets	
MOR9880M	90° Universal Wire Set
MOR9881M	Straight Universal Wire Set
MOR9882M	135° Universal Wire Set
Custom Fit Wire Sets	
MOR9862M	SBC, Over Valve Covers, 90° Plug, HEI
MOR9865M	SBC, Under Headers, 90° Plug, Non-HEI
MOR9867M	SBC, Under Headers, 90° Plug, HEI
Custom Fit Wire Set with Slewing	
MOR9762M	SBC, Over Valve Covers, 90° Plug, HEI

Ultra 40 Race Spark Plug Wire Sets

One of the most powerful RFI/EMI-proof spark plug wire sets available, with just 40 ohms of resistance per foot. Kevlar core is four times stronger than conventional Aramid fiber cores. Available in universal or custom sets. Custom-fit wire sets include Ultra 40 insulated wire sleeve. Choose from blue or black wire sets.



Description	Blue Wire Set Part No.	Black Wire Set Part No.
Universal Wire Sets *		
90° Universal Wire Set	MOR73800	MOR73814
Straight Universal Wire Set	MOR73801	MOR73815
135° Universal Wire Set	MOR73802	MOR73816
Custom Fit Wire Sets		
SBC Over Valve Covers, 90° Plug, Non-HEI	MOR73600	—
SBC Over Valve Covers, 90° Plug, HEI	MOR73602	MOR73817
SBC Under Headers, 90° Plug, Non-HEI	MOR73605	—
SBC Under Headers, 90° Plug, HEI	MOR73607	MOR73818
Ford 351W, 135° Plug, HEI	MOR73626	MOR73822
GM LS With Aluminum Shields	MOR73659†	MOR73730†
GM LS w/Moroso V.C.	—	MOR73848‡
BBC, Under Headers, HEI	—	MOR73712†
SB Ford 289-302 HEI	MOR73675†	—
SB Ford 289-302 Non-HEI	MOR73676†	—
SB Ford 289-302, 135° HEI	—	MOR73833
Dodge Viper, 2008-17	—	MOR73512

* Universal wire sets do not include wire sleeve.

† Custom fit wire set does not include wire sleeve.

‡ Wire set is for use with GM LT MOR68494 valve covers that include integral coil pack mounts that accept LS2, LS3, LS7, and L98 style coils.

Ultra 40 Coil Wire Kits

Coil wire kits allow installation of an ignition coil in a remote location or used for replacement purposes. Available with or without slewing, which adds extra dielectric strength. Each kit includes coil wire, coil boots, spark plug boots, distributor boots, and necessary terminals.



Part No.	Description
MOR73238	Ultra 40 Coil Wire Kit, Unsleeved, Black, 72"
MOR73240	Ultra 40 Coil Wire Kit, Sleeved, Blue, 48"
MOR73241	Ultra 40 Coil Wire Kit, Sleeved, Black, 48"

Insulated Wire Sleeve

Extend spark plug wire life and insulate against exhaust header heat. For best results, the sleeve should cover the entire wire from plug boot to distributor boot and then be sealed with MOR72030 or MOR72031 Shrink Sleeve. Packaged in 25' lengths.

Part No.	Description
MOR72000	7-8mm, Blue
MOR72002	7-8mm, Red
MOR72011	Ultra 40, Blue



Shrink Sleeve

Completely seal spark plug and distributor boots and spark plug wire sleeve. Packaged 18 sleeves per set.

Part No.	Description
MOR72030	Blue
MOR72031	Black



Blue Max® Spiral Core Spark Plug Wire Sets

Independent testing confirmed that Blue Max spark plug wire sets have more spark energy, better EMI suppression, and higher dielectric strength than any other wires. Spiral core wire sets are compatible with modern on-board electronics. Available in universal and custom fit sets with wire slewing. Distributor end of universal sets must be cut to proper length and have the boots and terminals installed.



Part No.	Description
Universal Wire Sets (HEI/Non HEI)	
MOR73225	Blue, 90° Spark Plug Boots/Terminals
MOR73217	Yellow, 90° Spark Plug Boots/Terminals
MOR73219	Red, 90° Spark Plug Boots/Terminals
MOR73231	Black, 90° Spark Plug Boots/Terminals
MOR73226	Blue, Straight Spark Plug Boots/Terminals
MOR73218	Red, Straight Spark Plug Boots/Terminals
MOR73232	Black, Straight Spark Plug Boots/Terminals
MOR73220	Blue, 135° Spark Plug Boots/Terminals
MOR73233	Black, 135° Spark Plug Boots/Terminals
Custom Fit Wire Sets	
MOR72402	SB Chevy with HEI, Over Valve Cover, 90° Plug Terminals
MOR72405	SB Chevy, Under Header, Non-HEI, 90° Plug Terminals
MOR72407	SB Chevy, Under Header, HEI, 90° Plug Terminals

Blue Max® Spiral Core Coil Wire Kit MOR73235

Coil wires should be replaced regularly. Kit includes 3' Blue Max spiral core 8mm suppression wire, wire stripping tool, and 13-piece boot and terminal kit.



Blue Max® Solid Core Spark Plug Wire Set

Stainless steel, solid-core 8mm wires work with magnetos and other systems that do not require (EMI) suppression wires. Universal fit, with only spark plug end installed. Sets include distributor boots (HEI and Non-HEI) and 36" coil wire.



Part No.	Description
MOR72800	SB Chevy with Straight Ends
MOR72820	SB Chevy with 90° Ends

Note: Universal wire sets do not include wire sleeve.

Numbered Shrink Sleeves MOR72020

Sleeves simplify spark plug wire identification and installation. Numbered from 1 through 8, sets include two of each number to identify both ends of the spark plug wires.



High-Temp Spark Plug Boot Sleeves

Non-flammable sleeves provide protection up to 1,200°F. Sleeves are 1" I.D. x 5-3/4" long and sold in two-packs.

Part No.	Description
MOR71992	Blue
MOR71993	Red
MOR71994	Black
MOR71995	Natural





Spark Plug Wire Separator Kits

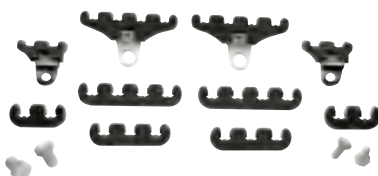
Separators accommodate 7 to 9mm wires, with or without sleeves. Plastic separators prevent cross-firing and can be used over valve covers or under headers. Easily snap into place to hold wires securely. Packaged six to a card (2 each of 2, 3, and 4-hole separators).



Part No.	Description
MOR72160	Blue
MOR72161	Red
MOR72162	Yellow
MOR72163	Black

Under Header Loom Kit MOR72195

Kit helps when routing wires under headers on old and new style small block Chevy engines. Includes four chrome-plated brackets, two 4-hole looms, two 2-hole looms, two 4-hole separators, two 3-hole separators, and two 2-hole separators. Separators are black and fit 7 to 9mm wires.



Universal Spark Plug Wire Loom Kits

Looms support the spark plug wires and keep them from crossfiring or coming in contact with the headers. Chrome-plated steel support bracket fastens to the valve cover stud or bolt. Can be used with 7, 8, or 9 mm wires, with or without sleeves, on 4-, 6-, or 8-cylinder engines. Kit includes four 2-hole looms, two 3-hole looms, and four brackets.



MOR72151

Part No.	Description
MOR72150	Blue Wire Loom Kit, 7-9 mm
MOR72151	Red Wire Loom Kit, 7-9 mm
MOR72153	Black Wire Loom Kit, 7-9 mm

Super Spark Plug Wire Loom Kits

Super Loom kit route and secure spark plug wires preventing engine harming cross-fire or coming in contact with headers. Includes two right-side and two left-side chrome-plated brackets that fasten to the valve covers, two 4-hole looms, six 2-hole looms, two 4-hole wire separators, and two 2-hole separators.



MOR72171

Part No.	Description
MOR72171	Blue Super Loom Kit, 7-9mm
MOR72172	Red Super Loom Kit, 7-9mm
MOR72174	Black Super Loom Kit, 7-9mm

Durafire Distributor MOR72231

Durafire HEI distributor for Chevrolet V-8's is a drop-in, ready-to-go unit. Distributor uses a high-output module, high-output coil, and an adjustable mechanical advance. Includes quality cap and rotor. Directly replaces all 1974-up non-computerized Chevrolet HEI distributors. Unit is without vacuum advance.



GM HEI Advance Curve Kit MOR72300

Recurves distributor for full spark advance at the optimum RPM. Contains three sets of advance springs to adjust the rate of spark advance from quick, to super quick, to ultra quick. Weights and center plates are precisely stamped with smooth edges to eliminate erratic timing. Center plate eliminates over centering of the centrifugal weights. Fits all GM HEI distributors.



Distributor Housing Shim Kit MOR26150

Prevent oil pump bind and distributor spark scatter in engines with resurfaced heads or decks. High-impact nylon shims fit all Chevy V-8's. Three-packs include one each of .030", .060", and .100" shims.



Distributor Gear Shim Kit MOR26140

For distributors with 1/2" dia. shaft. Includes two .010" shims, two .020" shims, and one .053" shim for precise distributor shaft end play adjustment. Improve timing accuracy and prevent gear wear.



Distributor Hold-Down Clamp

Heavy-duty, secure clamp mounts on stud to eliminate thread wear. Slotted for quick distributor removal.

Part No.	Description
MOR26200	Small Block Chevy 262-400, Gold Iridite Finish
MOR26210	Small Block Chevy 262-400, Chrome Plated
MOR26211	Small Block Ford 221-351W, Chrome Plated



Spark Plug Indexing Washers

For use on all 14mm spark plugs with 5/8" hex. Use with Indexer MOR62160. There are three thicknesses in each package, one of which will correct the electrode placement on any plug, simplifying the time-consuming task of spark plug indexing. Washers are stamped from copper for perfect sealing and heat transfer. Thirty to a card.

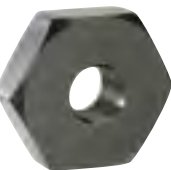


Part No.	Description
MOR71900	Taper Seat, .010", .021", .032"
MOR71910	Flat Seat, .040", .050", .064"



Spark Plug Indexer **MOR62160**

Modern, high-compression racing engines require indexing of spark plugs to prevent contact between piston dome and the plug's electrode, and for optimum direction of spark travel within combustion chamber. Designed for both flat and taper-seat 14mm spark plugs. Black-anodized so that marks can be placed on the outer surface for checking subsequent sets of plugs.



Timing Pointers

Rigid billet aluminum timing pointers closely "hug" the damper, providing more accurate timing. Timing pointers allow up to 4° of adjustment. Sold complete with stainless mounting hardware.

MOR60100



Part No.	Description
MOR60100	Small Block Chevy, 6.250" Dia. Damper
MOR60105	Small Block Chevy, 6.375" Dia. Damper
MOR60110	Small Block Chevy, 6.750" Dia. Damper
MOR60115	Small Block Chevy, 7" Dia. Damper
MOR60125	Small Block Chevy, 8" Dia. Damper

Power Charger **MOR74016**

The versatile Power Charger can be used to charge a wide variety of 12- or 16-volt battery types including gel cell, sealed, lead acid, wet/deep cycle, "Reactor" and AGM. Charger includes 30-amp rating for quickest recharge and low-start voltage for batteries that are discharged to as little as .02 volts. Short and reverse-polarity protected for added safety. Large handle eases carrying.



Battery Disconnect Switches

A battery disconnect switch is one of the most critical safety devices in a race car. Turning the non-slip handle cuts power to all electrical devices including ignition.



Part No.	Description
MOR74100	For Cars without Alternator, 125 Amps
MOR74101	For Cars with Alternator, 175 Amps
MOR74108	For Cars with Alternator, 4-Pole, 125 Amps NEW!

Super-Duty Battery Disconnect Switch **MOR74102**

Super-duty switch includes two pairs of copper studs for shutting down the entire electrical system, useful when race car is fitted with an alternator. Rated at 2,000 amps intermittent and 300 amps continuous. Includes face plate and on/off decal.



Battery Cable Kit **MOR74005**

Rugged 2-gauge copper battery cable kit will withstand the high-amperage loads necessary to start high-performance racing engines, especially if the battery is relocated to the rear. 20' coil with four terminal ends.



Battery Cable Remote Fitting End Kit **MOR74170**

Quality, screw-together battery cable ends for side-post batteries are ideal for splicing in battery disconnects, remote jumper terminals, or junction blocks. Two per package.



Battery Post Terminal End Kit **MOR74175**

Same as **MOR74170** except for top post batteries. Two per package.



Remote Battery Jumper Terminals **MOR74140**

Place the battery anywhere in the car and it will still be accessible between races for charging with remote jumper terminals. Terminals can be positioned in the most convenient spot, inside or outside of the car, and connected to the battery with a high-amperage cable such as the Moroso **MOR74005**. Universal for 6-36-volt systems. Two per package.



Through Panel Battery Connector **MOR74145**

Used wherever a battery cable, or other large-diameter, high-amperage cable, passes through a firewall or similar panel. Fits through 1-1/4" hole and is held solidly by included spanner kit. Use **MOR74170** Battery Cable Remote Fitting End Kit to complete installation.



Battery Quick-Connect Plugs



Useful for race cars, tow vehicles, winches, etc., the kit includes male and female plugs, and terminals to connect the vehicle to a battery charger. Available in large or mini- size.

Part No.	Description
MOR74200	Large Battery Quick-Disconnect Plug
MOR74201	Mini-Battery Quick-Disconnect Plug, Up to 50 Amps Using #6 Wire

Starter Heat Shields

Excessive heat not only cuts short the life of a starter, but also reduces the starter's cranking power. Starter Heat-Shield provides protection from heat on race cars and tow vehicles. Built with high-temperature insulating material sandwiched between two sheets of aluminum.



Part No.	Description
MOR74299	Fits SBC/BBC with Tilton Starter
MOR74300	Fits SBC/BBC with Delco Starter



Push Button Starter Switch MOR74120

Waterproof and dust-proof push-button starter switch has neoprene cap for in-car or under-hood mounting. Rated for 35 amps at 12 volts.



Toggle Switches

High-quality toggle switches, in traditional on/off or momentary designs, include on/off faceplates, and are rated at 20 amps lamp load and 35 amps inductive load. Momentary switch is ideal for use as a starter switch.



Part No.	Description
MOR74124	Momentary Toggle Switch, Long 1-1/2" Handle
MOR74125	On/Off Toggle Switch, Long 1-1/2" Handle
MOR74126	On/Off Toggle Switch, Short 11/16" Handle

MOR74126

Anti-Roll Valve NEW! MOR44056

Enhanced design valve is often employed to shut-off pressure to the right front brake, thereby improving cornering ability and reducing lap times. Heavy-duty unit is designed to provide lasting continued reliability.



Quick Fasteners

Quick Fasteners join body panels, doors, front ends, fiberglass-to-metal, metal-to-metal, etc. Steel or aluminum fasteners are offered in several lengths and head styles. Use with MOR71400, 71410, 71420, 71425, or 71430 fastener spring. Ten per package.



Description	Silver Part No.	Black Part No.
Aluminum		
Oval Head Fastener, 5/16" x .400" Short Body	MOR71329	—
Oval Head Fastener, 5/16" x .450" Short Body	MOR71327	—
Oval Head Fastener, 5/16" x .500" Medium Body	MOR71331	MOR71333
Oval Head Fastener, 7/16" x .450" Short Body	—	MOR71365
Oval Head Fastener, 7/16" x .500" Medium Body	—	MOR71355
Oval Head Fastener, 7/16" x .550" Long Body	—	MOR71364
Oval Head Hex-Drive Fastener, 7/16" x .500" Medium Body	—	MOR71356
Steel		
Flush Head Fastener, 5/16" x .400" Short Body	MOR71291	—
Flush Head Fastener, 5/16" x .450" Short Body	MOR71293	—
Flush Head Fastener, 5/16" x .500" Medium Body	MOR71294	—
Flush Head Fastener, 5/16" x .550" Long Body	MOR71299	—
Flush Head Fastener, 7/16" x .450" Short Body	MOR71290	—
Flush Head Fastener, 7/16" x .500" Medium Body	MOR71300	—
Flush Head Fastener, 7/16" x .550" Long Body	MOR71310	—
Oval Head Fastener, 5/16" x .450" Short Body	MOR71325	—
Oval Head Fastener, 5/16" x .500" Medium Body	—	MOR71346
Oval Head Fastener, 7/16" x .450" Short Body	—	MOR71358
Oval Head Fastener, 7/16" x .500" Medium Body	MOR71350	MOR71354
Oval Head Fastener, 7/16" x .550" Long Body	MOR71360	—

Large Head Self-Ejecting Fasteners

Popular with racing's finest chassis builders, fasteners are used on steel, aluminum, fiberglass body, and interior panels. Load force is more evenly distributed for less pull-through. Ten per package. Use Fastener Springs MOR71400, 71410, 71420, 71425, or 71430.



MOR71370

Description	Silver Part No.	Black Part No.
Large Head Fastener, 7/16" x .500" Medium Body	MOR71370	MOR71372
Large Flush-Head Fastener, 7/16" x .500" Medium Body	MOR71373	MOR71377
Large Head Fastener, 7/16" x .550" Long Body	MOR71375	—
Large Flush Head Fastener, 7/16" x .550" Long Body	MOR71378	MOR71379
Large Hex-Drive Fastener, 7/16" x .500" Medium Body	MOR71380	—

Self-Ejecting Fasteners

Spring-loaded buttons release quickly. Spring also holds the button captive, a practical necessity for quick pit work situations. Use MOR71430 as a replacement spring. Ten per card. Springs included.



Description	Silver Part No.	Black Part No.
Aluminum		
5/16" x .400" Short Body, .098"-.133" Grip Range	MOR71440	MOR71441
5/16" x .450" Short Body, .148"-.183" Grip Range	MOR71450	MOR71451
5/16" x .500" Medium Body, .198"-.233" Grip Range	MOR71501	MOR71502
5/16" x .550" Long Body, .250"-.325" Grip Range	MOR71506	MOR71507
5/16" x .650" Long Body, .348"-.383" Grip Range	MOR71531	MOR71532

Description	Gold Part No.	Black Part No.
Steel		
5/16" x .400" Short Body, .098"-.133" Grip Range	MOR71440	—
5/16" x .450" Short Body, .148"-.183" Grip Range	MOR71450	—
5/16" x .500" Medium Body, .198"-.233" Grip Range	MOR71500	—
5/16" x .550" Long Body, .250"-.325" Grip Range	MOR71505	—
5/16" x .650" Long Body, .348"-.383" Grip Range	MOR71530	—

Butterfly Self-Ejecting Fasteners

"Butterfly" grip on head sets these Fasteners apart from others and makes fastening and unfastening quick and easy. Use MOR71430 as a replacement spring. Packaged ten to a card. Springs included.



Part No.	Description
MOR71510	0.500" x 5/16" Body, .198" to .233" Grip Range
MOR71540	0.650" x 5/16" Body .348" to .383" Grip Range

Quick Fastener Mounting Brackets

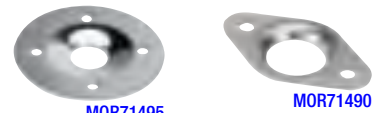
Brackets can be fastened to any member of the car to provide a convenient mount for quick fastener springs.



Part No.	Description
MOR71550	Use with MOR71425 or MOR71430 Springs, 10-Pk. Steel
MOR71551	Flat, 10-Pk. Steel
MOR71552	90° Angle, 10-Pk. Steel
MOR71553	Lightweight 45°, Accepts 1" Springs, 10-Pk.
MOR71555	Hood, Panel, or Accessory Mount, 2-Pk. Steel
MOR71556	Same as MOR71555 Except Aluminum, 2-Pk.
MOR71559	Aluminum, .120" Thick for 7/16" Fasteners and 1-3/8" Springs

Quick Fastener Reinforcement Plates

Plates provide a secure metal backing to prevent rivets and fasteners from pulling through fiberglass body components and fastener spring brackets from cutting into body panels. Sold ten per package in standard and large sizes.



Part No.	Description
MOR71490	Quick Fastener Reinforced Plates
MOR71495	Large Dia. Quick Fastener Reinforced Plates



Fastener Springs

Use with both the flat-and oval-head fasteners. Refer to chart for proper application. Packaged 10 to a card.

Spring Part No.	Spring Height	.400" Body	.450" Body	.500" Body	.550" Body	.650" Body
1" Springs – Total Material Thickness Range						
MOR71425	.250"	.165"-.200"	.215"-.250"	.265"-.300"	.315"-.350"	.365"-.400"
MOR71430	.325"	.098"-.133"	.148"-.183"	.198"-.233"	.248"-.283"	.348"-.383"
1-3/8" Springs – Total Material Thickness Range						
MOR71420	.325"	.105"-.148"	.155"-.198"	.205"-.248"	.255"-.298"	.355"-.398"
MOR71410	.375"	.055"-.098"	.105"-.148"	.155"-.198"	.205"-.248"	.305"-.348"
MOR71400	.425"	.005"-.048"	.055"-.098"	.105"-.148"	.155"-.198"	.255"-.298"

Note: To select the proper fastener/spring, determine the total thickness of the panels being joined including the space in between, if any. Select the appropriate body length and spring height combination to provide the desired thickness range.

Quick Fastener Washers MOR71610

PTFE washers fit all quick fasteners to help prevent paint damage. 25 per pack.



Quick Fastener Wrenches

Stainless steel wrench fits slot head, 1/4-turn fasteners far better than a screwdriver, reducing the possibility of damaged fasteners and body panels. Non-slip plastic hand grip.



MOR71600

Part No.	Description
MOR71600	Wide Head
MOR71606	Heavy Duty Screwdriver Type

Hood Pin Sets

Choice of lightweight aluminum or chrome-plated steel hood pins. Each set includes two 3/8" diameter hood pins and installation hardware. Steel hood pin kits include a pair of vinyl-coated stainless steel lanyards, while special, quick-release pins use a self-contained design. Moroso recommends using six pins per hood.

Part No.	Description
MOR39000	Aluminum Hood Pin Set
MOR39010	Quick-Release Hood Pin Set
MOR39015	Steel Hood Pin Set, 3" Long
MOR39016	Steel Hood Pin Set, 4" Long



Quick-Release Pins

The ultimate in quick-release fastening. T-handle equipped pins are available in popular sizes. Sold each or in pairs.

Description	Each Part No.	Pair Part No.
1/4" Dia. x 1" Long	MOR90366	MOR90380
1/4" Dia. x 1-1/2" Long	MOR90367	MOR90390
1/4" Dia. x 2" Long	MOR90368	MOR90395
5/16" Dia. x 1" Long	MOR90369	MOR90400
5/16" Dia. x 1-1/2" Long	MOR90370	MOR90401
5/16" Dia. x 2" Long	MOR90371	MOR90402
5/16" Dia. x 3" Long	MOR90372	MOR90404
3/8" Dia. x 1" Long	MOR90373	MOR90410
3/8" Dia. x 1-1/2" Long	MOR90374	—
3/8" Dia. x 2" Long	MOR90375	MOR90420
3/8" Dia. x 2-1/2" Long	MOR90378	—
3/8" Dia. x 3" Long	MOR90376	MOR90430
1/2" Dia. x 2-1/2" Long	MOR90377	MOR90440



MOR90366

GM LS Engine Storage Plates **NEW!**

Steel storage plate keeps GM LS engine lifter valley sealed during storage, protecting engine from contamination. 1/8" thick plate Includes fasteners.

Part No.	Description
MOR25179	GM LS1/LS2/LS6/C5R
MOR25180	GM LSX/LS3/LS7



Degree Wheels

Heavy-gauge degree wheels measure camshaft centerline, valve timing, TDC, and BDC. All functions are marked in easily read 1° increments. Adapters to fit most engines are included.



Part No.	Description
MOR62190	11" Diameter Degree Wheel, for In-Car or Engine Stand Usage
MOR62191	18" Diameter Pro Degree Wheel, Engine Stand Usage

Harmonic Balancer Installation and Removal Tools

Specialized tools prevent damage to balancer and crank. Installation kits include pilot stud, drive nut, thrust bearing, and protective washer. Installation and Removal Kit is packed in a foam-lined case and includes a 3-bolt puller.



MOR61740

Part No.	Description
MOR61740	Installation Kit, SB Chevy and Engines with 7/16"-20 Hole in Crank
MOR61741	Installation Kit, Engines with 1/2"-20 Hole in Crank
MOR61743	Installation and Removal Kit, Universal with 7/16", 1/2", 5/8", and 3/4" Adapters
MOR61744	Installation Kit, Universal with 7/16", 1/2", 5/8", and 3/4" Adapters

Engine Cleaning Brushes MOR61820

Quality engine builders know how important it is to have a clean block, especially in the hard-to-get-at areas of the oiling system. Each of these nylon brushes was designed for a specific purpose. There are two each of the oil gallery brushes, since they get the most wear. They can also be used on crankshaft oil holes, cylinder heads, etc. Nylon bristles clean as well as wire, but will not scratch. Set of 12.



Oil Pump Primers

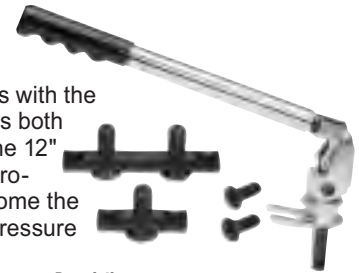
The right way to build-up oil pressure in a new engine. Black oxide-coated tool installs over oil pump driveshaft and fits 3/8" drill chuck to drive the oil pump prior to start-up.

Part No.	Description
MOR62200	Chevrolet Oil Pump Primer
MOR62210	Ford 289, 302 Oil Pump Primer
MOR62220	Ford 351W, 351C Oil Pump Primer



Stud Mount Valve Spring Compressors

Simplify valve spring changes with the Moroso stud mount tool that fits both 3/8" and 7/16" rocker studs. The 12" handle is much stronger and provides ample leverage to overcome the resistance of extremely high-pressure valve springs.



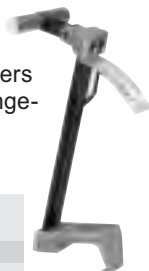
Part No.	Description
MOR62370	Stud Mount Valve Spring Compressor
MOR62372	Contains All Parts Necessary to Convert MOR62370 to Use with Jesel Rocker Shaft Systems



Valve Seat Pressure Testers

The most accurate way to monitor valve seat pressure on an assembled engine. Compatible with most aftermarket aluminum or OEM steel rockers and shaft-mounted rocker arms. Includes interchangeable front claws to fit most aftermarket aluminum rocker arms.

Part No.	Description
MOR62388	Valve Seat Pressure Tester, Interchangeable Front Claws to Fit Most Rockers, 160-400 PSI
MOR62390	Valve Seat Pressure Tester, 100-300 PSI
MOR62391	Valve Seat Pressure Tester, Low-Profile Design, 160-400 PSI



Ceramic Engine Seal MOR35500

The best chemical sealer money can buy. Has saved the day for many an oval track racer. Can also be used in tow vehicles or street applications. If this won't seal it, it will have to be welded. Not for use with anti-freeze.

A and B Epoxy MOR35560

Easy-to-use epoxy is typically used to install oil return screen kits or repair engine blocks, cylinder head intake ports, and intake manifolds. Adheres to any clean surface and has a maximum use temperature of 250°F.



Jet Tool MOR62293

Short, sure-grip tool slides over jet, holding it firmly in place for removal or replacement. Fits all Holley round-head carb jets.



Extra-Large Engine Storage Bag NEW! MOR99401

Manufactured from heavy-duty, 4 -mil thick plastic, extra-large 42"W x 32"D x 54"H bag covers complete engines, keeping them free from dirt and contaminants.



Spring Loaded Pit Socket MOR62010

Six-point, 1/2"-drive alloy steel socket has a large chamfer to insure fast, clean lug nut engagement. The integral spring provides easy ejection. Fits 1" lug nuts.



Tire Pressure Gauges

Gauges have large 2-5/8" dial faces for easy reading. Chuck swivels a full 360° for quick, easy pressure checks. Hose is 15-1/2" in length.

Part No.	Description
MOR89550	0-15 PSI
MOR89555	0-40 PSI
MOR89560	0-60 PSI



Digital Tire Pressure Gauge NEW! MOR89574

Precision tire pressure gauge includes a backlit, 2-5/8" dia. dial face with digital readout to .1 PSI. Powered by an included 9-volt battery, gauge has a 14" hose with angle chuck and finger-operated bleed valve to allow easy pressure adjustments.



Quick Fastener Sinking Tool MOR71605

Two-piece, zinc-plated steel tool sinks flush-mount quick fasteners in single or double panels.



Coil-Over Shock Adjusting Tool MOR62030

Use to adjust AFCO, Koni, Bilstein, QA1, Pro, and most other coil-over shocks with up to 3-1/4" diameter adjusting nuts. Cast steel construction.



Bleeder Bottles MTP1820

Bleeder bottles include stainless lanyards for attachment to suspension components and a return nipple to prevent spills. Sold in pairs.



Power Fill Pro NEW! MTP1735

One-gallon capacity, professional quality fluid transfer pump eases fluid transfer. Ideal when pre-lubing engines to prevent dry starts. Tank utilizes a Schrader valve to allow quick pressurization and release.



Power Bleeder

Similar to a professional mechanic's tool, but at a more affordable price, the power bleeder simplifies bleeding brakes and hydraulic clutches. Attaches to the fluid reservoir with the cap adapter to create a one-man bleeding operation. Power bleeders are available to fit a variety of master and hydraulic clutch cylinder reservoirs. Adapters may also be purchased separately.



Description	Power Bleeder Part No.	Adapter Part No.
45mm Reservoir, Wilwood Comb. Remote/Tilton 74/75 Series	MTP0100	MTP1100
Small Round Reservoir, WIL260-1304, 260-2636, 260-6579	MTP0101	MTP1101
Rect. Reservoir, Early GM/Ford/Chrysler/Tilton 73 Series/AFCO/Howe	MTP0105	MTP1105
Power Bleeder Pro, Includes All Popular Adapters	MTP0250	MTP1100 MTP1101 MTP1105

Performance Ring and Pinion Sets

Performance 8620 steel ring and pinion sets are heat-treated and engineered for racing applications. Available "AX" gear sets for Ford 9" are approximately two pounds lighter.

Standard Set Part No.	"AX" Set Part No.	Ratio	Teeth
Ford 8.8" 30-Spline 1.626" Dia. Pinion			
MOTF888390	—	3.90	43-11
MOTF888410	—	4.10	41-10
MOTF888456	—	4.56	41-9
MOTF888514	—	5.14	36-7
Ford 9" 28-Spline 1.313" Dia. Pinion			
MOTF890300	—	3.00	39-13
MOTF890325	—	3.25	39-12
MOTF890350	—	3.50	35-10
MOTF890370	—	3.70	37-10
MOTF890411	—	4.11	37-9
MOTF890430	—	4.30	43-10
MOTF890457	—	4.57	32-7
MOTF890486	—	4.86	34-7
MOTF890514	—	5.14	36-7
—	MOTF890529AX	5.29	37-7
—	MOTF890537AX	5.37	43-8
MOTF890543	—	5.43	38-7
—	MOTF890557AX	5.57	39-7
MOTF890583	MOTF890583AX	5.83	35-6

Standard Set Part No.	"AX" Set Part No.	Ratio	Teeth
Ford 9" 28-Spline 1.313" Dia. Pinion			
MOTF890600	MOTF890600AX	6.00	36-6
—	MOTF890614AX	6.14	43-7
MOTF890620	MOTF890620AX	6.20	31-5
MOTF890633	MOTF890633AX	6.33	38-6
MOTF890650	MOTF890650AX	6.50	39-6
—	MOTF890666AX	6.66	40-6
—	MOTF890683AX	6.83	41-6
—	MOTF890700AX	7.00	42-6
—	MOTF890716AX	7.16	43-6
—	MOTF890733AX	7.33	44-6
GM 10-Bolt 7.5"/7.625" 27-Spline 1.438" Dia. Pinion			
MOTG875390	—	3.90	43-11
MOTG875410	—	4.10	41-10
GM 10-Bolt 8.5" 30-Spline 1.626" Dia. Pinion			
MOTG885410	—	4.10	41-10
MOTG885456	—	4.56	41-9
GM 12-Bolt Chevy 8.875" 30-Spline 1.625" Dia. Pinion			
MOTG888411	—	4.10	41-10



Lightweight "AX"
Ring and Pinion Set

Differential Master Bearing Kits **NEW!**

Kits include everything to overhaul a differential: pinion bearings and shims, pinion seal, carrier bearings and shims, pilot bearing (where applicable), gear marking compound and brush, crush sleeve, pinion nut, loctite, cover gasket/RTV, and ring gear bolts.



Part No.	Description
MOTRA310RMK	Ford 8", 25-Spline, 1.188" Pinion, 1964-80
MOTR8.8RMK	Ford 8.8", 30-Spline, 1.626" Pinion, 1981-Up Exc. I.R.S.
MOTR9RMK†	Ford 9", 28-Spline, 2.891" Housing, 1957-86
MOTR9R28MK*	Ford 9", 28-Spline, 2.891" Housing, Late Model
MOTR10REMK	GM 8.5" 10-Bolt, 30-Spline, 1.625" Pinion, 1970-99
MOTR10RLMK	GM 8.5" 10-Bolt, 30-Spline, 1.625" Pinion, 1999-Up

* With LM501310 and LM501349 bearings.

† With LM102910 and LM102949 bearings.

Mini Installation Kits **NEW!**

Includes all of the components necessary to properly install a ring and pinion. Includes pinion and carrier shims, pinion nut, ring gear bolts, gear marking compound, pinion seal, crush sleeve, brush, and cover gasket or RTV.

Part No.	Description
MOTF8.8IK	Ford 8.8"
MOTF9IK	Ford 9", 28-Spline
MOTGM8.5IK	GM 10-Bolt 8.5"



Popular Differential Replacement Components **NEW!**



Part No.	Description
MOT1260823	Pinion Nut, GM 7.5"/7.625"/8.5"
MOT14066913	Ring Gear Bolt, GM 7.5"/7.625"/8.5", Each
MOT5110	Cover Gasket, GM 7.5"/7.625", 1973-10
MOT5122	Cover Gasket, Ford 8.8", 1979-15
MOTD5AZ4035A	Cover Gasket, Ford 9", 1957-86
MOTF9RBKP	Ring Gear Bolt Kit, Ford 8"/9", (10) Bolts & (10) Washers



BRIAN CAMPBELL

STEVE DATEMA



300V Racing Oil

100% synthetic 300V Racing Oil blends synthetic ester bases and specific anti-friction additives to increase film resistance, reduce friction and lower oil temperatures. 300V Chrono, Competition, and LeMans oils are formulated for endurance racing where high engine oil temperatures are common. Oils are ideal for use with gasoline or diesel engines and may be used with or without catalytic converters. Sold in two-liter (1/2 gallon) containers, or in cases. Not API certified.

Description	2-Liter Container	1 Case (10) 2-Liter Containers
300V Sprint 0W-15	MTL104238	MTL104238-6†
300V Power 5W-30	MTL104241	MTL104241-10*
300V Power 5W-40	MTL104242	MTL104242-10*
300V Chrono 10W-40	MTL104243	MTL104243-10*
300V Competition 15W-50	MTL104244	MTL104244-10*
300V Lemans 20W-60	MTL104245	MTL104245-10*

* Signifies case of 10. † Signifies case of 6.

8100 X-Cess 5W-40 Oil **NEW!**

A 100% synthetic oil engineered to meet the demands of high-powered gasoline or diesel engines. Lubricant offers improved power and responsiveness and includes anti-wear protection for added longevity. Sold in 1-liter bottles, or in cases.

1-Liter Bottle	1 Case (12/1-Liter Bottles)	5-Liter Bottle	1 Case (4/5-Liter Bottles)
MTL109774	MTL109774-12	MTL109776	MTL109776-4



Classic Performance Motor Oil

Specially formulated and mineral-based, Classic Performance 20W-50 motor oil features an increased level of ZDDP for added engine protection. Sold in 1-quart bottles, or in cases.

Description	1 Qt. Bottle	1 Case (12) 1 Quart Bottles
20W-50 Motor Oil	MTL108081	MTL108081-12



Nismo Competition Oil **NEW!**

A high-performance, 100% synthetic engine lubricant developed exclusively for high output Nissan engines. Product helps avoid oil film damage caused by rapid torque increases, high oil temperature and fuel dilution.

Description	1 Liter Bottle	1 Case (6/1 Liter Bottles)
0W-30	MTL102497	MTL102497-6
5W-40	MTL104253	MTL104253-6
15W-50	MTL102500	MTL102500-6



Sport 5W-50 Synthetic Oil **NEW!**

A 100% synthetic, ester-based oil that is engineered for high-performance turbocharged or supercharged gasoline or diesel, multi-valve fuel-injected engines.

1-Liter Bottle	1 Case (12/1-Liter Bottles)	5-Liter Bottle	1 Case (4/5-Liter Bottles)
MTL103048	MTL103048-12	MTL102716	MTL102716-4



Break-In Oil 10W-40

Specially formulated performance break-in oil incorporates balanced friction modifiers and increased levels of ZDDP (Zinc-Phosphorous) to reinforce engine protection. High-heat and shear-stable polymers are additionally used to maintain optimum lubricating film and ring seal. Sold in one-quart bottles, or in cases. Non-API certified.

1-Qt. Bottle	1 Case (12) 1-Quart Bottles
MTL108080	MTL108080-12



Multi ATF Transmission Fluid

Synthetic-based fluid is formulated with anti-wear, anti-corrosion and anti-foaming properties for use in a variety of automatic transmissions. It reduces friction for longer gear life and may also be used in power steering and other hydraulic systems. Meets GM Dexron II/III and Ford Mercon/Mercon V specifications. Sold in one-liter bottles, or in cases.

1-Liter Bottle	1 Case (12) 1-Liter Bottles
MTL105784	MTL105784-12



Dexron III Transmission Fluid

Technosynthese lubricant is recommended for automatic transmissions requiring Dexron III type fluid. Fluid is formulated with anti-wear, anti-corrosion, and anti-foaming properties. May also be used in power steering and other hydraulic systems. Meets GM Dexron III specifications. Sold in one-liter bottles, or in cases.

2-Liter Bottle	1 Case (12) 2-Liter Bottles
MTL105776	MTL105776-12



Gear Comp 75W-140 Lubricant

A 100% synthetic lubricant, specially formulated for racing gearboxes and limited-slip differentials, Gear Comp 75W-140 delivers excellent stability at high temperatures. Meets API GL5 standards. Sold in one-liter bottles, or in cases.

1-Liter Bottle	1 Case (12) 1-Liter Bottles
MTL105779	MTL105779-12



Nismo Competition 75W-140 Lubricant **NEW!**

Designed exclusively for Nissan hypoid differentials with limited slip, such as the GT-R, 100% synthetic gear lubricant is designed to endure heavy loads and low-or high-revolution speeds that are common to high-performance driving.

Description	1-Liter Bottle	1 Case (6/1-Liter Bottles)
75W-140	MTL102503	MTL102503-6



Gear 300 75W-90 Lubricant

Gear 300 is a semi-synthetic, ester-based gear-box and rear axle lubricant formulated specifically for high-performance and racing cars. Lubricant delivers an unshearable oil film, even under extreme conditions, and resists extreme pressure, wear, corrosion, and foaming. Gear 300 is designed for conventional differentials and meets API GL4 and GL5 standards. Sold in one-liter bottle, or in cases.

1-Liter Bottle	1 Case (12) 1-Liter Bottles
MTL105777	MTL105777-12

Note: Not for use in limited-slip differentials.



MotylGear 75W-90 **NEW!**

Fortified with Technosynthese to deliver improved resistance to high temperatures, lubricant is suited to synchronized or non-synchronized gearboxes, differentials and hypoid differentials without limited slip. Offered in one-liter bottles, or in cases.

1-Liter Bottle	1 Case (12) 1-Liter Bottles
MTL109055	MTL109055-12





RBF 600 Racing Brake Fluid

A DOT 4, 100% synthetic, non-silicone racing brake fluid that is engineered to endure the high temperatures common to racing brake and clutch systems. RBF 600 has a dry boiling point of 593°F, superior to DOT 5 silicone-based fluids. Viscosity is lower than DOT 3 and DOT 4 fluids, allowing easier fluid circulation in micro-valves and anti-lock systems. Sold in 1/2-liter bottles, or in cases.

1/2-Liter Bottle	1 Case (12) 1/2-Liter Bottles
MTL100949	MTL100949-12

Note: Do not mix with silicone (DOT 5 silicone base) or mineral-base fluids (LHM).

RBF 660 Racing Brake Fluid

RBF 660 resists the extreme temperatures common to carbon and ceramic race car brakes, minimizing reliance upon air for brake cooling. 100% synthetic, non-silicone DOT 4 fluid has a 617°F dry boiling point. Greatly exceeds DOT 3, DOT 4, and DOT 5.1 standards. May also be used with conventional steel rotors and clutch systems. Sold in 1/2-liter bottle, or in cases.

1/2-Liter Bottle	1 Case (12) 1/2-Liter Bottles
MTL101667	MTL101667-12

Note: Do not mix with silicone (DOT 5 silicone base), mineral (LHM), or polyglycol based brake fluids.



McCare E10 Shine and Go Spray

McCare shines and revives plastic surfaces including fenders, mirrors, and painted surfaces. Provides a durable, non-sticky protective film. Sold in 13-oz. aerosol cans, or in cases.

Description	13-oz. Aerosol Can	1 Case (12) 13-oz. Cans
McCare E10	MTL108093	MTL108093-12



Shock Oil Factory Line

A high-performance hydraulic fluid that is specifically designed for use in shock absorbers. Fluid has been formulated to withstand the extreme conditions and high temperatures common to racing applications. Sold in one-liter bottles, or in cases.

1-Liter Bottle	1 Case (6) 1-Liter Bottles
MTL105923	MTL105923-6



Radiator Clean **NEW!**

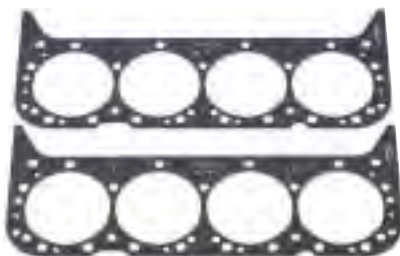
Coolant additive helps remove deposits in the entire cooling system, dissolving scale and sludge, caused by normal operating conditions. Sold in 300 ml cans, or in cases.

300 ml Can	1 Case (12) 300 ml Cans
MTL109544	MTL109544-12



Ultra-Seal Head Gaskets

The flexible graphite core of Ultra-Seal head gaskets is elastomer coated for maximum sealing and performance. All gaskets are sold in pairs unless specified.



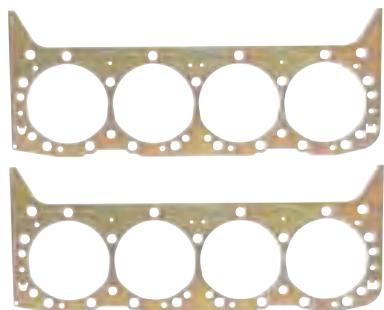
Application	Description	Gasket Bore	Comp. Thickness	Part No.
SB Chevy, 1957-96 283-350	Graphite Core	4.100"	.028"	MRG1134G*
SB Chevy, 1957-96 283-350	Graphite Core	4.130"	.038"	MRG5800G*
SB Chevy, 1970-80 400	Graphite Core	4.190"	.038"	MRG5801G

*** Does not fit 1992-96 LT-1.**

SB Chevy Steel Shim Head Gaskets

[MRG1130G](#)

Coated, steel shim head gaskets fit 4.100" bore and are only .020" thick to maximize compression. Sold in pairs.



SB Chevy Rear Main Seal

[MRG1960](#)

Two-piece silicone seal fits all 1959-86 small block Chevy engines and features a dual-lip design.



Chevy Water Outlet Gaskets

Part No.	Description
MRG738G	Chevy Small Block, 1955-88, 262-400, Aluminum Carrier/Silicone Bead
MRG740	Chevy Small Block, 1955-88, 262-400, Standard Material



Oil Pan Gaskets

Mr. Gasket oil pan gaskets use a high-density cork/rubber blend for effective sealing. Ultra-Seal gaskets are made from a cellulose/nitrile compound with a black latex rubber coating for added durability.



Application	Mr. Gasket	Ultra-Seal
SB Chevy, 1955-74 265-400	MRG196	MRG5884†
SB Chevy, 1975-79 262-400	MRG198	MRG6560**
SB Chevy, 1980-86 305-350	—	MRG5882/MRG6560**
SB Chevy, 1987-96 305-350	—	MRG5885/MRG6561**
SB Ford, 1962-85 221-302	—	MRG5890/MRG6683**
SB Ford, 1969-92 351W	—	MRG5891

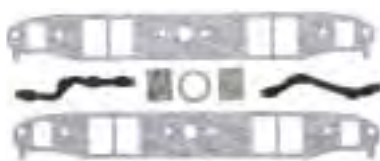
**** Molded rubber.**

† Includes early/thin and late/thick front oil pan seals



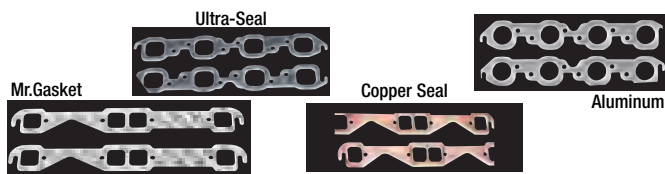
Intake Manifold Gaskets

Mr. Gasket offers two different types of intake manifold gaskets; traditional Mr. Gasket cellulose/nitrile material and Ultra-Seal cellulose/nitrile material with the addition of silicone beading around each port.



Application	Port Dim.	Thk.	Mr. Gasket	Ultra-Seal
Chevy Small Block 262-400				
1955-67 265-283	1.20" x 1.87"	1/16"	MRG100	—
1955-91 262-400	1.25" x 2.00"	1/16"	MRG101B	MRG5820
Vortec	1.31" x 2.37"	1/8"	MRG136G	—
Modified Stock Port	1.31" x 2.10"	1/16"	MRG101G	—
Modified Stock Port	1.31" x 2.10"	1/8"	MRG106	—
Small Race Port	1.25" x 2.13"	1/16"	—	MRG5821
Medium Race Port	1.31" x 2.19"	1/16"	MRG102G	MRG5822
Medium Race Port	1.31" x 2.19"	1/8"	MRG116	MRG5812
Large Race Port	1.31" x 2.31"	1/16"	MRG111	MRG5823
Large Race Port	1.31" x 2.31"	1/8"	MRG113	MRG5813
X-Large Race Port	1.38" x 2.38"	1/16"	—	MRG5824
18° Roll Over	1.35" x 2.26"	1/16"	MRG143	—
Ford Small Block 221-351W				
1962-76 221-302, Except Boss	1.20" x 2.13"	1/16"	MRG203G	MRG5831
1962-76 221-302, Except Boss	1.20" x 2.13"	1/8"	MRG213	—
1986-95 302 (5.0L) EFI	1.25" x 2.11"	1/16"	MRG148	MRG5835
1969-74 351W	1.21" x 2.26"	1/16"	MRG210	—
1977-97 351W	1.25" x 2.11"	1/16"	MRG223	MRG5834

Exhaust Manifold/Header Gaskets



Traditional Mr. Gasket exhaust gaskets are a high-temperature acrylic blend for exceptional sealing and durability. Ultra-Seal exhaust gaskets are high-temperature steel core/graphite faced material for added durability. Copper Seal gaskets are dead-soft .043" thick embossed copper that will never blow-out and may be used over and over. New aluminum gaskets will not shrink, deteriorate, or blow-out.

Application	Port Dim.	Mr. Gasket	Ultra Seal	Copper Seal	Aluminum
Chevrolet Small Block 262-400					
1955-91 Med. Square Port	1.45" x 1.55"	MRG150A	MRG5901	MRG7153	—
1955-91 Sm. Square Port	1.45" x 1.48"	MRG150C	MRG5900	MRG7151	MRG7401G
1955-91 Stock Square Port	1.25" x 1.30"	MRG6452	MRG5916	—	—
Round Port	1.50" Dia.	MRG150B	MRG5907	MRG7150	—
Round Port	1.63" Dia.	MRG150	MRG5902	MRG7152G	MRG7402G
Brodix "D" Shaped Port	1.55" x 1.71"	—	MRG5903	—	—
Hooker/Stahl Adapter Plate	1.93" Dia.	—	MRG5904	—	—
Hooker Rev. Plate/Stock	1.61" x 1.85"	—	MRG5908	—	—
Brodix Spread Port	1.65" x 1.60"	—	MRG5906	—	—
Oval Port Header Flange	1.50" x 1.82"	—	MRG5917	—	—
Chevrolet Small Block Gen. III/IV LS					
1997-04 GM LS1/LS6	1.75"	—	MRG5964	—	—
1997-17 GM LS 6.0/6.2/7.0L LS	1.92" Dia.	—	MRG5966	—	MRG7406G
Ford Small Block 221-351W					
1962-86 260-351W	1.12" x 1.48"	MRG253	MRG5930	MRG7160	—
1987-95 302-351W Oval	1.25" x 1.75"	MRG264G	MRG5928	MRG7161	—

Premium Engine Overhaul Kits with MLS Head Gaskets

Designed for maximum sealing of bi-metal (aluminum head/cast iron block) high-performance racing applications, gasket sets include multi-layered stainless steel (MLS) head gaskets, Ultra-Seal III intake manifold, timing cover, water pump, fuel pump, oil pan, and valve cover gaskets made with molded rubber over a steel carrier.

Part No.	Description
MRG6107G	Small Block Ford 289-302, 1964-76 NEW!
MRG6108G	Small Block Ford 351W, 1983-97 NEW!



Timing Cover Seals and Gaskets

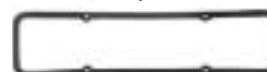
Part No.	Description
Timing Cover Seals	
MRG18	Metal Clad, Chevy Small Block, 1955-96 262-400
Timing Cover Gaskets	
MRG90	Cork/Rubber, Chevy Small Block, 1955-96 262-400
MRG92	Syntheseal, Chevy Small Block, 1955-96 262-400
MRG93	Composite, Chevy Small Block, 1955-96 262-400
MRG792G	Ford Small Block, 1962-95, 221-351W, Except 302 Boss

Valve Cover Gaskets

Mr. Gasket offers three types of valve cover gaskets: traditional, Mr. Gasket high-density cork/rubber, steel-core Ultra-Seal, and steel-core molded rubber.

Application	Thk.	Mr. Gasket	Ultra-Seal	Molded Rubber
SB Chevy, 1958-86 265-400	3/16"	—	MRG585G*	—
SB Chevy, 1958-86 265-400	5/16"	MRG179	MRG5861	—
SB Chevy, 1986-96 305-350	3/16"	MRG168	MRG5867	—
SB Ford, 1965-95 289-351W	3/16"	MRG276	MRG5870	—

*Molded rubber with steel carrier.



Carburetor Base Gaskets

Made from durable, heat-resistant nitrile rubber compound and die cut for a perfect fit. Offered in 1/16" and 1/4" thicknesses, bulk or skin packaged.

Description	Bulk Pkg. 1/16" Thick	Skin Pkg. 1/4" Thick
Holley 2bbl., 350/500 CFM	MRG49	—
Holley 4bbl., Open Center	MRG54	—
Holley 4bbl., 4-Hole, 1-11/16" Bore	—	MRG758
Rochester Q-Jet 4bbl., 4-Hole	MRG56	—
Rochester Q-Jet 4bbl., Open Center	MRG56A	—
Rochester 2bbl., Lg. 2-Hole, 2" x 3-11/16"	MRG52	—



Phenolic Thermal Insulating Carburetor Spacer Kits

Spacers insulate and reduce heat transfer to carburetor for a cooler, denser air charge. Made of advanced phenolic thermoset plastic to withstand extreme heat. Spacers are 1" thick and packaged with gaskets, studs, nuts, and washers.

Part No.	Description
MRG3404	4-Hole Carb Spacer, Fits Standard Holley
MRG3405	Open Center Carb Spacer, Fits Standard Holley



Aluminum Carburetor Spacer Kits

Install a carburetor spacer and increase rear wheel horsepower. Die-cast aluminum spacers are packaged with gaskets, studs, nuts, and washers. Spacers fit standard square-flange bolt pattern.

Part No.	Description
MRG6005	1" Open Center Carb Spacer
MRG6006	1" 4-Hole Carb Spacer
MRG6007	2" Open Center Carb Spacer



Carburetor Adapters

Use adapters for adding a larger carburetor, or when rules require a 2bbl. carburetor on a stock cast iron manifold.

MRG1932



Part No.	Description
MRG1929	Adapts Holley 350/500 CFM 2bbl. to Quadra-Jet 4bbl. Manifold
MRG1932	Adapts Square Flange 4bbl. to Quadra-Jet 4bbl. Manifold
MRG1933	Adapts Any 4-Bolt, 4bbl. to Any Small 4-Bolt, 2bbl. Manifold or Any 4-Bolt, 2bbl. to Any 4-Bolt, 4bbl. Manifold, Exc. Spread Bore
MRG1937	Adapts Any Large Holley 2bbl. to Any Rochester 4-Bolt, 2bbl. Manifold or Any Rochester 4-Bolt, 2bbl. to Large Holley 2bbl. Manifold

Throttle Return Brackets and Springs

Chrome-plated bracket and spring help ensure proper throttle return for added safety.

Part No.	Description
MRG19	Universal Dual Throttle Return Spring Kit
MRG3683	Throttle Return Bracket, Large

Carburetor Bushing Kits

Reduces 1/2" throttle shaft linkage holes to 1/4" or may be used to replace the stock rubber bushing.

Part No.	Description
MRG1512	Carburetor Bushing/Pivot Kit, Reduces 1/2" Hole to Accept 1/4" Dia. Throttle Rod/Cable
MRG6026	Carburetor Bushing Kit, Reduces 1/2" Hole to 1/4"

Carburetor Linkage Components

Assemble or customize carburetor linkage. Sold in pairs.

Part No.	Description
MRG3811G	Quick Disconnect Ball Joint, 1/4"-28 Thread
MRG3812G	Standard Female Rod End, 1/4"-28 Thread

Holley Power Valve Block-Off Plug

Plug fits Holley carbs and includes PTFE washer.

Holley Fuel Bowl and Metering Block Gaskets

Engineered for all Holley 4150, 4160, and 2300 carburetors.

Part No.	Description
MRG1509	Fuel Bowl and Metering Block Gasket Kit, (1) Each
MRG6183	Fuel Bowl Gaskets (5)

Low-Loss Fuel Fittings

Thin-wall brass fuel fittings offer maximum flow for performance applications. One fitting and one clamp per part number.

Part No.	Description
MRG2965	3/8" NPT Straight for 3/8" I.D. Hose
MRG2966	3/8" NPT 90° for 3/8" I.D. Hose

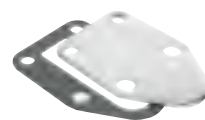
Fuel Pressure Gauge Adapter

Ideal for installing a fuel pressure gauge in single fuel line applications. Gold anodized aluminum adapter has 3/8" hose ends and a 1/8" NPT female connection for fuel pressure gauge.

Part No.	Description
MRG2975	Fuel Pressure Gauge Adapter
MRG1561	Fuel Pressure Gauge with 1/8" NPT Male Fitting

SB Chevy Fuel Pump Block-Off Plate

Chrome-plated steel plate covers the block opening when mechanical pump is not used and fits all small block 262-400 Chevy engines. Includes gasket.



SB Chevy EGR Block-Off Plate

Ideal for racing applications requiring a stock intake manifold, EGR block-off plate fits all 1973-86 small block Chevy engines. Chrome-plated plate includes gasket and hardware.



Cam Bolt Lock Plate Kit

Lock plate keeps camshaft gear bolts from working loose, a potential cause of engine damage. Plate fits under bolts so that tabs may be bent against bolt heads after they have been tightened. Includes plate and three grade 5 bolts.



Cam Button Spacers

Spacers prevent "walking", a back and forth movement of the cam which causes erratic timing.

Part No.	Description
MRG1180	265-400 Chevy, Std. Sprocket with Flat Face Timing Cover, Early Style
MRG1183	265-400 Chevy, Std. Sprocket with Indented Center Timing Cover, Late Style



Advance and Retard Cam Bushings

Kit includes four offset bushings for advance and retard, plus a 0° bushing so stock timing can be used again. Cam sprocket dowel pin hole must be drilled.

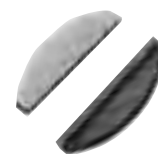
Part No.	Description
MRG85	283-454 Chevy, 0°, 2°, 4°, 6°, 8°
MRG85B	283-454 Chevy, 0°, 1°, 3°, 5°, 7°



Crankshaft and Camshaft Keys

Offset crankshaft and camshaft keys increase torque and horsepower within a particular operating range.

Part No.	Description
Stock Replacement Crankshaft Keys, Chevy	
MRG983G	SB 283-400 C.I., Long
MRG984G	SB 283-400 C.I., Short
Offset Crankshaft Keys, Chevy	
MRG987G	SB and BB Short, Silver 2°
MRG988G	SB and BB Short, Copper 4°



Chrome-Plated Timing Tabs

Chrome-plated timing tabs are available in standard and adjustable pointer designs. Adjustable timing tabs simplify locating true top-center so that super accurate ignition timing adjustments can be made.



Part No.	Description
Standard Chrome Plated Timing Tabs	
MRG4592	SB Chevy, 7" Balancer, Except Below
MRG4600	SB Chevy, 7" Balancer, 1977-Up
MRG4593	SB Chevy, 8" Balancer
Adjustable Chrome Plated Timing Tabs	
MRG4597	SB Chevy, 7" Balancer
MRG4598	SB Chevy, 8" Balancer



Precision Timing Tape

Avoid the expense of degreasing the harmonic balancer. Mr. Gasket's timing tape is accurately calibrated and perfect for timing engines or setting valve lash for increased performance.



Part No.	Description
Chevrolet	
MRG1588	6-3/4" Dia. 283-400 Cu. In.
MRG1591	8" Dia. 1970-73, 396-427-454 cu. in.
MRG1592	1965-68, 327 cu. in. High-Performance 1970-73, 350 Cu. In.
MRG1592	6" Dia. 1957-73 283-350 Cu. In.
Ford	
MRG1594	6-3/8" Dia. 289-302-351 Cu. In.

Competition Distributor Clamps

Kit includes chrome-plated clamp, stud, flat and lock washers, nut, and distributor gasket.

Part No.	Description
MRG2502	Small Block Ford 260-351W
MRG6197	Chevy, All V-8



HEI Advance Curve Kit

MRG929G

Kit fits all GM HEI distributors with E-clips from 1974-79 and includes two weights, special center plate, three sets of color-coded springs, and two pairs of nylon bushings. Includes a comprehensive instruction sheet with graphs showing typical advance rates using various spring/weight combinations. Skin packaged.



Competition Wire Loom Kit

MRG6015

Looms attach to valve covers, eliminating crossfire and extending plug wire life. Compatible with tall valve covers and 7 mm or 8 mm plug wires.



Competition Wire Separators

MRG9728

Heat-resistant, black plastic wire separators minimize cross firing and fit 7 mm or 8 mm plug wires. Includes two each: 2-wire clips, 3-wire clips, and 4-wire clips.



Plated Carburetor Studs

Zinc-plated studs are threaded 5/16"-18 at one end and 5/16"-24 at the other. Four studs, nuts and washers. Zinc plated.

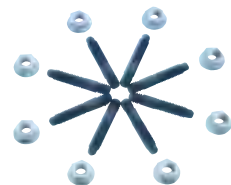
Part No.	Description
MRG59	Standard, 1-3/8" Length
MRG60	Medium, 1-1/2" Length
MRG61	Long, 2" Length
MRG62	Extra Long, 2-1/2" Length



Valve Cover Stud Kits

Bullet-tip Grade 5 studs are black oxide-finished and hex nuts are cadmium plated for corrosion resistance. Each kit includes eight studs and nuts.

Part No.	Description
MRG6324	1/4"-20/28 x 1-1/8" Stud Kit, Steel Valve Covers
MRG6329	1/4"-20/28 x 1-1/2" Stud Kit, Cast Valve Covers



Sure-Lock Rocker Arm Nuts

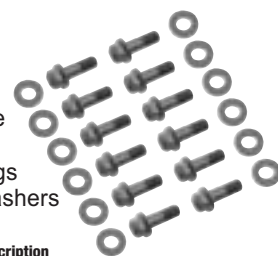
Heat-treated, plated steel rocker arm nuts prevent loose rocker arms. Includes 16 rocker arm nuts with socket head set screws, and a hex key wrench.



Part No.	Application	Shank OD	Stud
Stock Rocker Arms			
MRG920G	SBC (262-400), SB Ford (289-351W)	.603"	3/8"
Aluminum Roller Rocker Arms			
MRG923G	SBC (262-400), SB Ford (289-351W)	.540"	3/8"

Intake Manifold Bolts

Offered with Grade 5 hex and Grade 8 twelve-point head, high-quality fasteners assure accurate torque readings and optimum clamping pressures. Washers are included.



Part No.	Description
Hex Head	
MRG955G	3/8"-16 x 1", 12 Bolts and Washers, Fits SB Chevy
MRG6080	3/8"-16 x 1-1/16", 12 Bolts and Washers, Fits SB Chevy
MRG6082	5/16"-18 x 2", 12 Bolts and Washers, Fits SB Ford
Twelve-Point	
MRG6091	3/8"-16 x 1", 12 Bolts and Washers, Fits SB Chevy

Hex-Head Header Bolts

Grade 5 Bolts have smaller 3/8" or 7/16" hex heads for easier header installation, especially in tight places. Washer-faced bolts have protective black finish.



Part No.	Description
MRG915	3/8"-16 x 3/4", 7/16" Wrench (12 Pcs.)
MRG917	3/8"-16 x 1", 7/16" (12 Pcs.)
MRG918G	GM LS, M8-1.25 x 25mm (12 Pcs.) NEW!
MRG919G	3/8"-16 x 3/4", 7/16" Wrench (16 Pcs.)
MRG3409	3/8"-16 x 3/4", Mini 3/8" Hex Head, (12 Pcs.)
MRG3420G	3/8"-16 x 3/4", Combo 7/16" Hex and Socket Head (12 Pcs.)

Cylinder Head Bolt and Washer Kits

Longer-than-stock 7/16" dia. Grade 8 cylinder head bolts require special head-bolt washers (available separately) for improved clamping force and head gasket sealing.



Part No.	Description
MRG940G	SB Chevy 265-400, 17 Bolts Only (1 Head)
MRG87	7/16" I.D. Washers Only, 34 Pcs.

Cylinder Head Dowel Pins **MRG4375**

Hard-to-find dowel pins are machined and case-hardened for accurate alignment in engine assembly. Set of two. Fit SB Chevy.





Oil Pan and Timing Cover Bolts

Zinc-plated Grade 5 bolts have smaller hex heads. Ideal for tight spaces. Underhead serrations prevent loosening and wide-flange head provides uniform clamping pressure.



Part No.	Description
Oil Pan Bolt Kits	
MRG6085	Small Block Chevy, 1/4"-20 x 1/2" (14 Pcs.), 5/16"-18 x 3/4" (4 Pcs.)
MRG60850G	GM LS, Stainless Steel Hex Bolts w/Washers, M6 x 1.00 & M8 x 1.25, 15 Pcs. NEW!
MRG6087	Ford 289-302-351C/W, 5/16"-18 x 3/4" (6 Pcs.), 1/4"-20 x 1/2" (18 Pcs.)
Timing Cover Bolt Kit	
MRG6090	Small Block Chevy, 1/4"-20 x 1/2" (10 Pcs.)

Magnetic Oil Pan Drain Plug

Part No.	Description
MRG15	Magnetic Oil Pan Drain Plug, 1/2"-20
MRG16	Replacement 1/2" Nylon Washer



Harmonic Balancer Bolt Kits

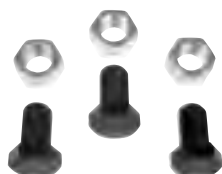
Heavy-duty Grade 8 bolts have extra-large hex heads to prevent bolt slippage when turning engine over. Each bolt includes an extra thick, parallel-ground washer and lock washer.



Part No.	Description
MRG945G	Small Block Chevy 262-400, 7/16"-20 x 2-1/4", Gold Zinc
MRG7845	Small Block Chevy 262-400, 7/16"-20 x 2-1/4", Black Coated
MRG7847	Ford, All Exc. 351C, 5/8"-18 x 2", Black Coated

Torque Converter And Flexplate Bolts

Heat-treated, black oxide-finished Grade 8 fasteners resist rust and corrosion. Lock washers are included where needed.



Part No.	Description
Torque Converter to Flexplate Bolts	
MRG6716	GM TH350, Powerglide, 3/8"-24 x 5/8", 3 Bolts/Nuts
Flexplate to Crankshaft Bolts	
MRG6710	GM 7/16"-20 x 11/16", (6 pcs.)
MRG6711	Ford, 7/16"-20 x 13/16", (6 pcs.)

Starter Solenoid **MRG51341G**

Ford-style starter solenoid is suitable for a wide variety of applications. Ideal when a remote-mounted solenoid is desired.



Flywheel and Pressure Plate Bolts

Heat-treated grade 8 fasteners are extremely durable for maximum reliability in standard transmission-equipped cars. Six black oxide-plated bolts are complete with lock washers in each kit.



Part No.	Description
MRG910	3/8"-16 x 1"L, GM Pressure Plate to Flywheel Bolts
MRG911	5/16"-18 x 1"L, Ford, Long-Style Pressure Plate to Flywheel Bolts
MRG912	7/16"-20 x 31/32 L, Chevy/Ford Flywheel to Crankshaft Bolts

High-Performance Thermostats

At high-RPM, coolant pressure and temperature fight for control of the thermostat, keeping it from opening at the designated temperature. High-performance brass and copper thermostats resist this fluctuation in temperature.



Part No.	Description
MRG4363	GM/Ford/AMC, 160°
MRG4364	GM/Ford/AMC, 180°
MRG6368*	GM LS Gen. III/IV, 180° NEW!

* Fits 2004-2008 GM LS2/LS3/LS6/LS7 and 1997-2003 LS engines when using **MRG2670**.

GM LS Swivel Water Neck **NEW!**

Often necessary for engine conversions where engine/radiator inlet and outlet ports may be in different locations, die-cast aluminum water outlet rotates 360° and has a 30° angle for versatility. Designed for use with 1-1/2" dia. radiator hoses, housing is sold complete with stainless hardware. Offered in chrome or satin black.



Description	Chrome Part No.	Satin Black Part No.
GM LS Gen. III/IV Water Neck	MRG2670*	MRG2670BK*

* Fits all 1997-20 GM LS Gen. III/IV engines; will not fit 2013-up Gen. V. 1997-2003 and 2009 engines require a 2004-2008 style thermostat; use **MRG6368 (180°)**.

Grommet Set **MRG3706**

Assortment of 30 grommets are useful when running wires, cables, or hoses through sheet metal. Includes six grommets each in 1/2", 5/8", 3/4", 7/8", and 1" sizes.



Hood and Deck Pinning Kits

Kit installation allows quick removal of hoods, deck lids, etc. Each kit includes two each: chrome safety pins, scuff plates, 4" long 7/16"-20 hood pins, four lock nuts, and eight scuff plate screws.



Part No.	Description
MRG1016	Hood/Deck Pinning Kit, Includes Safety Pins
MRG1017	Hood/Deck Pinning Kit, Includes Torsion Clips
MRG1016A	Replacement Safety Pins, Pair
MRG1017A	Replacement Torsion Clips, Pair

Wheel Spacers

Die-cast aluminum spacers increase disc brake clearance and compensate for insufficient wheel backspacing.



Part No.	Description
MRG2370	7/32" Thick, Fits 5 x 4-1/2", 5 x 4-3/4" and 5 x 5"
MRG2371	5/16" Thick, Fits 5 x 4-1/2", 5 x 4-3/4" and 5 x 5"
MRG2372	7/16" Thick, Fits 5 x 4-1/2", 5 x 4-3/4" and 5 x 5"
MRG2375	1/4" Thick, Fits 4 x 4", 4 x 4-1/4"

Differential Gaskets

Part No.	Description
MRG82	Ford 9" Ring Gear 1957-81
MRG84B	GM 10-Bolt with 8-1/2" Ring Gear 1970-81





Coil Spring Spacers

Used to raise coil spring-equipped cars 1" (fit above or below coil). Super Spacer has dual grooves for easier insertion and improved retention of spring.

Part No.	Description
MRG1285	Coil Spring Spacer, "U" Cross Section, Installs Above or Below Spring
MRG1287	Super Coil Spring Spacer, "H" Cross Section, Installs into the Coil



Degree Wheels

Affordable, 7" diameter universal degree wheel is ideal for degreasing cam in car, or while the engine is on a stand. Large 11" diameter Pro Degree Wheel is color-coded for maximum readability and unsurpassed accuracy for degreasing on engine stand. Each wheel includes crankshaft bolt adapters.



MRG6120

Part No.	Description
MRG1570	Universal Degree Wheel, 7" Dia.
MRG6120	Pro Degree Wheel, 11" Dia.

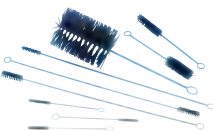
Engine Oil Primer MRG3795G

Primer will pressurize the oiling system and lubricate bearing surfaces before initial start-up. Use in an ordinary electric drill and insert in the distributor opening. Fits all V-8 and 6-cylinder Chevs.



Engine Cleaning Brush Kits

Kits include brushes in various sizes, lengths and diameters. Each brush is made from pure stiff bristle nylon that won't soften or melt when used with most solvents.



Part No.	Description
MRG1211	Short Brush Kit, 1 Ea. 5/16", 1/2", 5/8" O.D. x 9"L
MRG5189	Deluxe Brush Kit, 1 Ea. 5/16", 1/2", 5/8" O.D. x 9"L and 1 Ea. 1/2", 5/8", and 3/4" O.D. x 25"L
MRG5192	Complete Kit, 9 Assorted from 1/4" to 5"

PTFE Tape MRG2842G

Tape is impervious to fuel and oil, increasing the sealing capabilities of all threaded joints. Each roll is packed in a resealable plastic container for easy storage.



Copper Anti-Seize/Copper Graphite **NEW!** MRG78070G

Product utilizes fine metallic particles in a petroleum carrier that is effective in preventing seizing, galling and corrosion. Well suited to lubricating spark plug threads, header bolts, stainless fasteners, etc. Sold in a 4-oz. brush-top container.



Fast Fill Funnel MRG3695

Funnel has a wide mouth, narrow filler tube, and a built-in brass screen filter. Six-quart capacity.



Battery Operated Transfer Pump **NEW!** MRG8000MRG

Economical pump quickly transfers fluids to cars, trucks, ATV's, etc. Compatible with a wide range of fluids including gasoline, diesel, and kerosene, unit is complete with a flexible intake hose that allows operation in 5-gallon or smaller utility jugs, and four adapters to fit most popular fuel and gas cans. Auto-stop feature shuts pump off when tank is full. Uses (4) AA batteries (not included).



Washable Air Filters

High-performance 14" x 3" air filters are washable for an extended life. Pre-oiled filters offer exceptional air flow. Choose from blue or red.



Description	Blue Part No.	Red Part No.
14" x 3" Air Filter	MRG1422G	MRG1423G

7-Piece AN Wrench Set MRG33200G

Double-ended AN wrenches ease hose assembly as the wide width prevents slipping, while the short length eliminates over-tightening. Color-coded for easy identification, durable wrenches are manufactured from billet 6061-T6 aluminum. Set includes -4, -6, -8, -10, -12, -16, and -20AN wrenches.



Magnetic Parts Trays

Parts trays utilize strong magnets to hold small parts and fasteners. Magnet trays will stick to any ferrous metal surface and the rubber coating prevents scratching. Choose from two sizes.

Part No.	Description
MRG33240G	4.25" Round
MRG33241G	5-3/8" x 9-3/8" Rectangular



Digital Caliper MRG33251G

Caliper features a large, easy-to-read display that measures in decimal inches, millimeters, and fractional inches from 0-6". Includes (2) batteries and protective storage case.



Engine Storage Bags

Heavy-duty poly storage bags are offered in two sizes. Large bag fits over a fully dressed big block engine with headers, while cylinder head/crankshaft bag fits most big block and hemi cylinder heads.

Part No.	Description
MRG33260G	Engine Storage Bag, Each
MRG33261G	Cylinder Head/Crankshaft Bag, Pair



Non-Marring Scraper MRG33270G

Ideal for scraping stubborn gaskets and residue, heavy-duty scraper combines a carbon steel body with an ergonomically designed plastic and rubber-grip handle. Sold complete with (10) plastic non-marring double-edge plastic blades and (10) single-edge razor blades.



GM LS Timing Cover and Rear Cover Alignment Tools **NEW!**

The timing cover and rear cover of GM LS engines lack dowel pins to ensure proper alignment to the centerline of the crankshaft, which can lead to leakage at the front or rear main seal. Special alignment tools center the front and rear covers during installation, ensuring proper installation.

Part No.	Description
MRGLSRC1	Rear Block Cover Alignment Tool
MRGLSTC1	Timing Cover Alignment Tool, Use without Front Seal in Cover
MRGLSTC2	Timing Cover Alignment Tool, Use with Front Seal in Cover



X2 Transponder Timing System



The X2 can help guide you to faster laps through increased on-track data. System automatically uploads practice and race data to your personal MYLAPS account, allowing it to be viewed, analyzed, and shared. The X2 works with RaceKey, which helps activate, manage, and charge the system. Sold complete with transponder, transponder holder, RaceKey, RaceKey mount, and USB cabling. Standard X2 systems are fully rechargeable, while the Direct Power upgrade allows connecting the unit directly to the car's battery. Following system purchase, simply log onto your MYLAPS account, download the MYLAPS Connect software, and finish by activating your subscription.

Part No.	Description
Rechargeable X2 Transponder Systems	
MYL10R901	X2 Package, 1-Year Subscription
MYL10R902	X2 Package, 2-Year Subscription
MYL10R905	X2 Package, 5-Year Subscription
Direct Power Upgrade X2 Transponder Systems	
MYL10R611	X2 Package, 1-Year Subscription
MYL10R612	X2 Package, 2-Year Subscription
MYL10R615	X2 Package, 5-Year Subscription

Charging Cradle

MYL40R028

Designed for recharging the original MyLaps Transponder.

Note: Will not work with the X2.



Holder and Clip

MYL40R011

Secures the original MyLaps Transponder in the car.

Note: Will not work with the X2.



X2 Transponder Holders

NEW! MYL40R412CC

The mount required to securely install the X2 into a race car or kart. Package of 50.



RICH BOAL

STEVE DATEMA



V-POWER
RESISTOR TYPE SPARK PLUGS

NGK V-Power Racing Spark Plugs

The unique design of the V-Power spark plug directs spark to the edge of the electrode where it can more efficiently ignite the air/fuel mixture and reduce the quenching effects of standard spark plugs. V-Power plugs use a solid copper core, longer insulator nose, and a large, 2.6 mm center electrode for extended plug life and maximum performance.

Please refer to page 843 for the spark plug reference chart.



NOCO

GENIUS Smart Battery Chargers **NEW!**

Among the most powerful, highest-performing, energy-efficient, and compact chargers currently available, GENIUS series include the ability to charge, maintain, and desulfate 6- and 12-volt lead-acid, gel, AGM, and lithium-ion batteries. Lightweight and compact, GENIUS Smart Battery Chargers are capable of charging and maintaining cars, trucks, motorcycles, ATV's, etc.



Part No.	Description
NOCGENIUS1	GENIUS 1-Amp Battery Charger
NOCGENIUS2	GENIUS 2-Amp Battery Charger
NOCGENIUS2D*	GENIUS 2-Amp Direct-Mount Battery Charger
NOCGENIUS5	GENIUS 5-Amp Battery Charger
NOCGENIUS10	GENIUS 10-Amp Battery Charger

***Designed to be directly mounted near the battery for added convenience.**

G15000 15-Amp UltraSafe Battery Charger with JumpCharge Engine Start

NOCG15000

Capable of charging batteries up to 400 amp-hours, unit may be used with 12V and 24V lead-acid and lithium-ion batteries. May also be used as a battery maintainer and to provide a jump start to dead batteries. Safely monitors battery with zero overcharge.



G26000 26-Amp UltraSafe Battery Charger with JumpCharge Engine Start NOCG26000

Although weighing just over 7 lbs., the UltraSafe G26000 battery charger can charge 12V and 24V lead-acid and lithium-ion batteries up to 500 amp-hours. May also be used to charge 16V AGM and lithium-ion batteries. Unit safely monitors and maintains battery with zero overcharge.



G4 4.4-Amp 4-Bank UltraSafe Battery Charger and Maintainer NOCG4

Capable of charging four different batteries at the same time, the G4 automatic battery charger and maintainer may be used on both 6V and 12V lead-acid and lithium-ion batteries. Charges lead-acid and lithium-ion batteries up to 40 amp-hours. Safely monitors battery status with zero overcharge.



GB20 400-Amp UltraSafe Lithium-Ion Jump Starter **NEW!**

Lightweight and portable, the GB20 offers 400-amps for jump starting batteries. Powerful battery booster also serves as a source for charging USB devices including Smartphones, tablets, and more. Designed for use on gas engines up to 4 liters. Available heavy-duty molded EVA case stores GB20 effectively.



Part No.	Description
NOCGB20	GB20 UltraSafe Lithium Jump Starter
NOCGBC013	EVA Protective Case for GB20 Jump Starter

Note: For use with lead-acid batteries only.

GB40 1,000-Amp UltraSafe Lithium-Ion Jump Starter

Portable lithium-ion powered battery jump starter offers 1,000 amps for jump-starting a dead battery in seconds. Safe and easy to use, unit provides spark-proof connections and reverse polarity protection. Jump starter has the ability to jump gas engines up to 6 liters and diesel up to 3 liters.

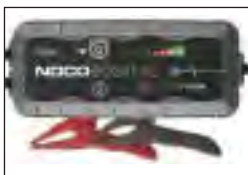


Note: For use with lead-acid batteries only.

Part No.	Description
NOCGB40	GB40 UltraSafe Lithium Jump Starter
NOCGBC013	EVA Protective Case for GB40 Jump Starter NEW!

GB50 1500-Amp UltraSafe Lithium-Ion Jump Starter **NEW!** NOCGB50XL

Lightweight, compact unit allows jump-starting dead 12-volt batteries in seconds. Safe for anyone to use with incorporated spark-proof technology and reverse polarity protection. Rated at 1,500 amps, the GB50 is suitable for use on gas engines up to 7 liters and up to 4.5 liter diesel engines. Sold complete with HD precision boost battery clamps, USB charging cable, and microfiber storage bag.



GB70 2,000-Amp UltraSafe Lithium-Ion Jump Starter

Powerful, lightweight GB70 has the ability to jump-start gas engines up to 8 liters and diesel engines up to 6 liters. Unit additionally doubles as a portable power source for recharging USB devices including phones, tablets, etc. Safe and easy to use, unit provides spark-proof connections and reverse polarity protection. Heavy-duty molded EVA case available (sold separately).



Part No.	Description
NOCGB70	GB70 UltraSafe Lithium-Ion Jump Starter
NOCGBC014	EVA Protective Case for GB70 Jump Starter

Note: For use with lead-acid batteries only.

GB150 4,000 Amp UltraSafe Lithium-Ion Jump Starter

Powerful lithium-ion battery jump starter delivers 4,000 amps of power, sufficient to jump gas and diesel engines up to 10 liters and more. The GB150 can also power tire inflators, power inverters, and more. May also be used to charge USB devices including phones, tablets, etc. Easy and safe to use, unit includes spark-proof connections and reverse polarity protection. Heavy-duty molded EVA case available (sold separately).



Part No.	Description
NOCGB150	GB150 UltraSafe Lithium-Ion Jump Starter
NOCGBC015	EVA Protective Case for GB150 Jump Starter

Note: For use with lead-acid batteries only.

1-Bank 4-Amp On-Board Battery Charger NOCGENM1

Innovative, GENM1 On-Board Battery Charger is designed to charge and maintain a single, 12-volt battery. Unit includes the ability to charge starter and deep-cycle batteries up to 120 amp-hours. Includes spark-proof technology and reverse polarity protection. Compatible with Wet, Gel, AGM, and maintenance-free batteries. Available AC port plug eases on-board battery charger power access.



Part No.	Description
NOCGCP1	AC Port Plug with Extension Cord

Battery Charging Accessories



Part No.	Description
NOCA202	Battery Corrosion Preventative, for Battery Terminals, Cables, Etc., Aerosol 12.25 oz.
NOCB603	Battery Corrosion Terminal Protectors, Provides a Barrier Against Acid Fumes, Package of 50
NOCGBC017	EVA Protective Case for Boost XL GB50 Jump Starter NEW!
NOCGC001	X-Connect Battery Clamp Connector, Allows Quick Battery Charger Connection
NOCGC002	X-Connect Eyelet Terminal Connector, Allows Quick Battery Charger Connection
NOCGC004	X-Connect 10' Extension Cable



REV 2 Carbon **NEW!**

Among the lightest head and neck restraints currently available, the medium, 2" belt size weighs less than 1 lb. Compact, simple, and easy-to-use unit is similar to the REV 2 LITE. The adjustable tether allows simple adjustment to achieve the desired slack and range of motion. Meets SFI 38.1 specifications. Sold complete with quick release helmet hardware.



Part No.	Description
NEXNG902	Large, 3" Harness
NEXNG903	Medium, 3" Harness
NEXNG905	Medium, 2" Harness

REV

The restraint uses a patent-pending tension-neutralizing tether design that provides superior lateral and frontal support, allowing for little or no interference with seat and helmet. REV comes in three sizes and works in any race vehicle. Made in USA. Meets SFI 38.1 Specifications



Part No.	Description
NEXNG20	Large, 2" or 3" Harness
NEXNG21	Medium, 2" or 3" Harness
NEXNG22	Medium, 2" Harness Only NEW!
NEXNG23	Small, 2" Harness Only
Related/Replacement Components	
NEXNG075	Quick Release Pull Tether, Red 4" Long
NEXNG090	Tool Kit, All NecksGen Models
NEXNG278	Replacement Tether, Kevlar, Medium 23"
NEXNG279	Replacement Tether, Kevlar, Small 19"
NEXNG281	Hardware Kit, Includes Barrel Nuts, Bolts, and Washers
NEXNG292	Replacement Tether, Kevlar, Medium 21"
NEXNG7	Quick Release Hardware, Black

REV 2 LITE

The REV 2 LITE offers the same protection and certification as the NecksGen Original and REV devices, yet weighs just 1.2 lbs. It also adds an innovative adjustable tether system. Rubber grip friction pads secure the driver into the seat better, while higher belt guides keep everything locked in place for multiple impact situations. Unit includes free recertifications and is sold complete with quick-release helmet hardware. Meets SFI 38.1 specifications.



Part No.	Description
NEXNG500	Small, Fits Necks up to 5" Wide Necks NEW!
NEXNG501	Medium, Fits 5-1/2" Wide Necks
NEXNG502	Large, Fits Necks up to 7" Wide Necks



Race Pro Radiators **NEW!**

Cost effective, lightweight aluminum radiators utilize stamped tanks, maximum efficiency cores with two rows of 1" diameter tubes, and precision-machined billet aluminum filler necks. Choose from single, double or triple pass units with 1-1/2" slip-on or 1-5/8"-12 UNJ threaded inlet and 1-3/4" slip-on outlet.



Part No.	Description
NRA204120*	GM Double-Pass Radiator, 28" x 19"
NRA204123*	GM Single-Pass Radiator, 28" x 19"
NRA204124*	GM Double-Pass Radiator, 31" x 19"
NRA204125*	GM Single-Pass Radiator, 31" x 19"
NRA209624	GM Double-Pass Radiator, 28" x 19"
NRA209626	GM Double-Pass Radiator, 31" x 19"
NRA209651	GM Double-Pass Radiator, 31" x 16"
NRA209696†	Ford Triple-Pass Radiator, 28" x 19"

Inlet Fittings

NRAZ17546	1-5/8"-12 UNJ Male x -16AN
NRAZ17547	1-5/8"-12 UNJ Male x -20AN
NRAZ17548	1-5/8"-12 UNJ Male x 1-1/2" Slip-On

*Signifies radiator with 1-5/8"-12 UNJ threaded inlet ports that require inlet fitting, purchased separately. †Triple-pass unit passes coolant through the radiator three times before exiting and requires greater flow than standard units; use 1:1 pulleys, high-volume water pump, and no water restrictors.

Custom Racing Radiator Kits

Do-it-yourself kit eliminates the expense associated with a custom racing radiator. Each kit includes a premium aluminum radiator that may be configured and welded as desired. Radiators feature two high-capacity, 1" cooling tubes, fully welded tanks, and are sold complete with (1) 1-1/2" connection, (1) 1-3/4" connection, (1) billet aluminum filler neck, (1) overflow tube, (1) weld-on bung, and (1) draincock.



Part No.	Description
NRA209657B	16" x 26" Custom Radiator Kit
NRA209628B	16" x 31" Custom Radiator Kit
NRA209600B	19" x 22" Custom Radiator Kit
NRA209642B	19" x 24" Custom Radiator Kit
NRA209601B	19" x 26" Custom Radiator Kit
NRA209603B	19" x 31" Custom Radiator Kit

Note: Requires cutting, welding, and fabrication.

High-Pressure Radiator Caps **NEW!**

Part No.	Description
NRAZ19200	20-lb. Radiator Cap
NRAZ19201	24-lb. Radiator Cap



Double-Beaded 1-3/4" to 3" Connection **NEW!** NRAZ17634

Helpful when building custom radiators or making a repair, weldable aluminum, double-beaded connection is 1-3/4" x 3". May be mitered to form angles or use as a splicer.



Radiator Modification Kit NRAZ12013

Includes all of the components from the Custom Radiator Kit; (1) 1-1/2" hose connection, (1) 1-3/4" connection, (1) billet aluminum filler neck, (1) overflow tube, (1) weld-on bung, and (1) draincock.



Stic-Tite Radiator Repair NRAZ12156

Repair aluminum radiator leaks quickly and effectively with Stic-Tite. Stic-Tite is easy to use and apply; simply heat surface until product begins to melt and follow by applying a generous amount to desired area.



MASON VANDERVEEN

BRIAN BENKERT

Oberg

FILTERS

400 Series Filters

The smallest filter offered by Oberg, 400 series filters work great with fuel, engine oil (small 4-cylinder engines), and transmission or differential fluid. Each CNC-machined billet 6061-T6 aluminum filter is fitted with 4" diameter screen and sealed with a Viton rubber compression-molded O-ring. Filters are fully compatible with racing fuel, alcohol, or methanol.



Description	Filter Part No.	Replacement Screen Part No.	Replacement Stud Kit Part No.
Fuel Filter, 28-Micron Screen	OBE4028	OBE4000	OBE40SK
Oil Filter, 60-Micron Screen	OBE4060	OBE4010	OBE40SK
Transmission/Differential Filter, 115-Micron Screen	—	OBE4020	OBE40SK

600 Series Filters

Oberg's most popular racing filter. Lightweight and durable, 600 Series filters are CNC-machined from billet, 6061-T6 aluminum and fitted with a 6" diameter screen and sealed with a Viton rubber compression-molded O-ring. Filters are fully compatible with racing fuel, alcohol, or methanol.



Description	Filter Part No.	Replacement Screen Part No.	Replacement Stud Kit Part No.
Fuel Filter, 28-Micron Screen	OBE6028	OBE6000	OBE60SK
Oil Filter, 60-Micron Screen	OBE6060	OBE6010	OBE60SK
Transmission/Differential Filter, 115-Micron Screen	OBE6115	OBE6020	OBE60SK

800 Series Oil Filter

The 800 Series filter is CNC-machined from 6061-T6 aluminum and utilizes a large, 8" element that is sealed with a Viton rubber compression-molded O-ring. Filter includes -16AN ports and is engineered for use as an oil filter with a 60-micron screen.

OBE8010



Description	Filter Part No.	Replacement Screen Part No.
Oil Filter, 60-Micron Screen	OBE8010	OBE8060

900 Series Oil Filter OBE9010

Extra-large, 900 Series filter is constructed from billet 6061-T6 aluminum and includes a 9" diameter, 60-micron screen for use as an oil filter. Filter is sealed with a Viton compression-molded O-ring.

OBE9010



UFO Fuel Filters OBE4028U-RD

Compact 4" diameter billet aluminum-housed unit is specially engineered for use as a fuel filter. The single centered mounting stud allows quick, easy cleaning or inspection. Filter includes a 28-micron screen and Viton rubber compression-molded O-ring. Red anodized.



Fuel Line Safety Valve OBESV-0828

Specialized, in-line fuel line safety valve helps provide an extra measure of safety, preventing siphon fires. Valve closes immediately in the event that the fuel pump is knocked off or if the fuel line is severed, yet creates no flow restriction. Mandated by NASCAR Super Trucks, NASA Pro Trucks, and many local tracks.



Extreme Series Batteries

Extreme Series batteries combine the benefits of enormous cranking power and deep cycle reserve power, possible through the use of flat plates manufactured from 99.99% pure lead, not lead alloy. Pure lead plates may be made thinner, allowing more plates, which are then densely packed, resulting in twice the power of conventional batteries. Batteries additionally use dry-cell Absorbed Glass Mat (AGM) technology to contain acid, allowing the battery to be installed on its side, if desired.

Part No.	PHCA	CCA	Ah	Reserve		Weight	Terminals
				Mins.	Size		
ODYPC310	310	100	8	9	5.43" x 3.39" x 3.98"	5.9 lbs	M4
ODYODP-AGM96R	1100	—	—	—	12.36" x 7.47" x 6.85"	—	SAE
ODYPC925T	900	330	28	48	6.64" x 7.05" x 5.04"	23.8 lbs.	SAE
ODYPC950	950	400	34	60	9.80" x 3.80" x 6.10"	20 lbs.	M6 Stud
ODYODS-AGM40E	1100	500	45	67	9.80" x 3.80" x 8.10"	27.5 lbs.	M6 Stud
ODYPC1200MJT	1200	540	42	78	7.87" x 6.66" x 6.80"	40 lbs.	SAE
ODY34-PC1500T	1500	850	68	135	10.85" x 6.99" x 7.82"	49.5 lbs.	SAE
ODYODX-AGM34R	1500	850	68	135	10.85" x 6.99" x 7.82"	49.5 lbs.	SAE
ODY34/78-PC1500DT	1500	850	68	135	10.85" x 6.99" x 7.82"	49.5 lbs.	SAE/GM Side
ODYODX-AGM65	1750	950	74	145	11.83" x 7.20" x 7.43"	58 lbs.	SAE

Notes: "T" suffix stands for SAE terminals. "MJ" stands for metal jacket. "DT" signifies top and side SAE terminals. Battery Ratings: PHCA signifies pulse current (5 second starting power). CCA signifies cold start performance (30 seconds of cranking at 0° F.).



Performance Series Batteries **NEW!**

The Performance Series combine the benefits of a long service life, high reliability, and deep cycle capability. Similar to the Extreme Series but without the high cold cranking amps or reserve capacity that many may not require.

Part No.	PHCA	CCA	Ah	Reserve		Weight	Terminals
				Mins.	Size		
ODY31M-800	1600	802	99	188	13" x 6.81" x 9.44"	69 lbs.	SAE/Stud
ODY34-790	1500	792	61	114	10.85" x 6.78" x 7.91"	46.6 lbs	SAE
ODY48-720	1250	723	69	130	10.91" x 6.85" x 7.47"	48 lbs.	SAE
ODY49-950	1700	950	94	160	13.87" x 6.85" x 7.47"	62.8 lbs.	SAE
ODY94R-850	1500	850	80	150	12.36" x 6.85" x 7.47"	54.8 lbs.	SAE



First S

Manufactured from lightweight, fire-resistant material, the First S driving suit combines quality, increased comfort, and added durability, while remaining affordable. One-piece suit includes knitted elastic inserts and floating arms mounted on knitted elastic bellows for increased driver comfort. Meets FIA 8856-2000 homologation. Offered in black/white, silver/black, and black/fluorescent yellow.

Size	Part No.
Black/White	
Large 56	OMPIA01828B07156
Large/X-Large 58	OMPIA01828B07158
X-Large 60	OMPIA01828B07160
XX-Large 64	OMPIA01828B07164
Silver/Black	
Large 56	OMPIA01828B08356
Black/Fluorescent Yellow	
X-Large 60	OMPIA01828B18460



Sport

Double-layer, entry-level driving suit, constructed from durable Nomex, offers an exceptional value. One-piece suit includes semi-floating arms for increased freedom of movement and added comfort. Suit meets stringent FIA and SFI 3-2A/5 specifications and is offered in black only.

Size	Black
Medium	OMPIA01848071M
Large	OMPIA01848071L
X-Large	OMPIA01848071XL

First Evo

Double-layer, one-piece driving suit combines a modern bicolored design with superior quality, comfort, and affordability. First Evo is manufactured using an aramid fiber external layer and soft, knit inner fabric. Floating sleeves, anti-rubbing ultra flat seams, and elastic inserts in the back and groin combine to deliver improved flexibility. Meets FIA 8856-2000 standards. Offered in navy blue/silver, red/white, black/white, silver/black, and dark grey/yellow.

Size	Part No.
Navy Blue/Silver	
Medium/52	OMPIA0185404652
Med./Lg./54	OMPIA0185404654
Large/X-Lg./58	OMPIA0185404658
Red/White	
Med./Lg./54	OMPIA0185406354
X-Large/60	OMPIA0185406360
Black/White	
Medium/52	OMPIA0185407652
Large/56	OMPIA0185407656
Large/X-Lg./58	OMPIA0185407658
XX-Large/64	OMPIA0185407664
Silver/Black	
Medium/52	OMPIA0185408952
Large/56	OMPIA0185408956
X-Lg./XX-Lg./62	OMPIA0185408962
Dark Grey/Yellow	
Medium/52	OMPIA0185418452
Med./Lg./54	OMPIA0185418454
Large/X-Lg./58	OMPIA0185418458
XX-Large/64	OMPIA0185418464





Tecnica Evo **NEW!**

Professional quality, triple-layer Tecnica Evo racing suit is lightweight, durable, and features large, breathable areas including underarms, brachial, back, lumbar, front tibial, and popliteal for added comfort. Nomex suit meets FIA 8856-2000 specifications, and is designed to provide maximum driver comfort while also delivering exceptional fire resistance. Offered in black/red, black/white, or black/yellow.

Size	Black/Red	Black/White	Black/Yellow
52	OMPIA0185907352	OMPIA0185907652	OMPIA0185917852
54	OMPIA0185907354	OMPIA0185907654	OMPIA0185917854
56	OMPIA0185907356	OMPIA0185907656	OMPIA0185917856
58	OMPIA0185907358	OMPIA0185907658	OMPIA0185917858
60	OMPIA0185907360	OMPIA0185907660	OMPIA0185917860
62	—	OMPIA0185907662	—



Tecnica-S Racing Suit

One-piece racing suit is made from an externally shiny Nomex fabric for a truly professional appearance. Suit is lightweight with shaped collar, and includes floating arms with elastic bellows and ultra-flat anti-rubbing seams. Meets stringent FIA 8856-2000 specifications. Offered in red/white/black, black/white/gray, and gray/white/black.

Size	Red/White/Black	Black/White/Gray	Gray/White/Black
48	OMPIA0185006348	OMPIA0185007648	OMPIA0185008948
50	OMPIA0185006350	OMPIA0185007650	OMPIA0185008950
52	OMPIA0185006352	OMPIA0185007652	OMPIA0185008952
54	OMPIA0185006354	OMPIA0185007654	OMPIA0185008954
56	OMPIA0185006356	OMPIA0185007656	OMPIA0185008956
58	OMPIA0185006358	OMPIA0185007658	OMPIA0185008958



OS 10

Affordable, single-layer driving suit is made from treated, woven fabric and features a double back pleat, lumbar elastic stitch, external pockets, and an attractive matte finish. One-piece suit meets SFI 3-2A/1 specifications and is offered in black only.

Size	Black
Medium	OMPIA01904071M
X-Large	OMPIA01904071XL



First S Gloves

All-purpose racing gloves are made from a fireproof elastic fabric and incorporate ultragrip leather palms for improved steering wheel grip. Meets stringent FIA 8856-2000 specifications. Choose from black, blue, or red.

Size	Black	Blue	Red
Small	OMPIB761ENS	OMPIB761EBS	—
Medium	OMPIB761ENM	OMPIB761EBM	OMPIB761ERM
Large	OMPIB761ENL	OMPIB761EBL	OMPIB761ERL
X-Large	OMPIB761ENXL	OMPIB761EBXL	OMPIB761ERXL



Tecnica-S Gloves

Made from fire-resistant stretch fabric, Tecnica-S gloves utilize contoured suede palm and grip inserts for unparalleled grip and comfort. Ideal for drivers or mechanics, gloves are offered in blue/yellow, fluorescent yellow, black, or red.

Size	Blue/Yellow	Fluorescent Yellow	Black	Red
Small	OMPIB764BGIS	OMPIB764GFS	OMPIB764NS	OMPIB764RS
Medium	OMPIB764BGIM	OMPIB764GFM	OMPIB764NM	OMPIB764RM
Large	OMPIB764BGIL	OMPIB764GFL	OMPIB764NL	OMPIB764RL
X-Large	OMPIB764BGIXL	OMPIB764GFXL	OMPIB764NXL	OMPIB764RXL



Tecnica Evo Gloves

An extended gauntlet glove, the Tecnica Evo combines fire-retardant silicon rubber palms, localized leather inserts, precurved external seams, elastic wrist stops, and Velcro closures. Choose from Cyan, blue, anthracite yellow, black, red, and white. Meets FIA and SFI 3.3A/5 specs.

Size	Cyan Blue	Anthracite Yellow	Black	Red	White
Small	OMPIB756EBCS	OMPIB756ENGIS	—	OMPIB756ERS	OMPIB756EWS
Medium	OMPIB756EBCM	OMPIB756ENGIM	OMPIB756ENM	OMPIB756ERM	OMPIB756EWM
Large	OMPIB756EBCL	OMPIB756ENGIL	OMPIB756ENL	OMPIB756ERL	OMPIB756EWL
X-Large	OMPIB756EBCXL	OMPIB756ENGIXL	OMPIB756ENXL	OMPIB756ERXL	OMPIB756EWWL



Rally Gloves

Durable professional-level gloves include suede leather palms for maximum steering wheel grip. Ideal for use in harsh conditions, gloves are manufactured from fireproof stretch fabric and include elastic wrist stop. Offered in blue, black, or red.

Size	Blue	Black	Red
Small	—	OMPIB702NS	OMPIB702RS
Medium	OMPIB702BM	OMPIB702NM	OMPIB702RM
Large	OMPIB702BL	OMPIB702NL	OMPIB702RL
X-Large	OMPIB702BXL	—	OMPIB702RXL



One Evo Gloves

Professional, high-tech gloves were developed using top OMP driver's experience. Gloves utilize OMP three-grip technology with fire-retardant inserts on fingers, fingertips, and palm with ultragrip treatment for improved steering wheel feel. Meet FIA 8856-2000 standards. Offered in black/fluorescent yellow, black, and black/fluorescent green.

Size	Black/Fluorescent Yellow	Black
X-Small	OMPIB759GFXS	—
Medium	OMPIB759GFMM	OMPIB759NMM
Large	OMPIB759GFLL	OMPIB759NLL
X-Large	OMPIB759GFXXL	—



First Evo 2018 Gloves **NEW!**

Lightweight, fire-resistant gloves include external seams, elastic wrist bands, and a straight cuff design. Silicon palms help provide superior grip and sensitivity. Meets FIA 8856-2018 standards.

Size	Black/Blue	Black/Gray
Small	OMPIB767BCS	—
Medium	—	OMPIB767NMM
Large	OMPIB767BCL	OMPIB767NLL
X-Large	OMPIB767BCL	OMPIB767NLL





First Evo Gloves

Lightweight, fire-resistant gloves have a straight cut design with leather reinforcements on top of the fingers and silicone palms for improved grip. Gloves also feature internal seams and an elastic wrist band. Meet FIA 8856-2000 standards. Offered in blue/cyan, black/yellow, black, and red.



Size	Blue/Cyan	Black/Yellow	Black	Red
Small	OMPIB757EBCS	—	—	OMPIB757ERS
Medium	OMPIB757EBCM	OMPIB757ENGIM	OMPIB757ENM	—
X-Large	—	—	—	OMPIB757ERXL

One-S Gloves

One-S Gloves incorporate a modern design with pre-curved fingers, selected area grip inserts, and slated cut cuffs for reduced bunching and optimum comfort. Gloves meet SFI 3.3/5 and FIA 8856-2000 standards. Offered in navy blue/cyan, fluorescent yellow, black, red, and white.

Size	Part No.
Navy Blue/Cyan	
Medium	OMPIB755EBM
X-Large	OMPIB755EBXL
Fluorescent Yellow	
Small	OMPIB755EGFS
Medium	OMPIB755EGFM
X-Large	OMPIB755EGFXL
Red	
Large	OMPIB755ERL
White	
Small	OMPIB755EWS
Large	OMPIB755EWL



Dijon Gloves **NEW!**

Featuring a vintage design, Dijon gloves utilize a cream fabric with brown suede inserts. Meets FIA 8856-2000 standards.

Part No.	Size
OMPIB746MM	Medium
OMPIB746ML	Large
OMPIB746MXL	X-Large



Tazio Gloves

Vintage racing gloves are sewn from cotton fishnet fabric and include smooth leather palms, straps with Velcro, and elastic wrist stops. Brown only.

Part No.	Size
OMPIB747MS	Small
OMPIB747MM	Medium
OMPIB747ML	Large
OMPIB747MXL	X-Large



MARK BEERS

KIZZ PHOTOS

OMP Sport Shoes 2018 **NEW!**

Entry level shoes are made from a soft, comfortable, lightweight microfiber and include an anti-slip rubber sole. An adjustable ankle closure with Velcro strap helps provide a custom fit. Meets FIA 8856-2000 standards. Black only.

Size	Part No.
6	OMPIC81607139
6-1/2	OMPIC81607140
7-1/2	OMPIC81607141
8	OMPIC81607142
9	OMPIC81607143
10	OMPIC81607144
10-1/2	OMPIC81607145
11-1/2	OMPIC81607146
12	OMPIC81607147



Tecnica Evo Shoes

Premium-quality shoes feature an ultra-lightweight sole for maximum pedal sensitivity. A single leather layer is used to reduce weight and increase comfort. Meets FIA 8856-2000 specifications. Choose from blue or black.

Size	Part No.
Blue	
8-1/2-9 (42)	OMPIC803E04442
9-1/2-10 (43)	OMPIC803E04443
10-1/2-11 (44)	OMPIC803E04444
11-1/2-12 (45)	OMPIC803E04445
12-1/2-13 (46)	OMPIC803E04446
13-1/2-14 (47)	OMPIC803E04447
Black	
8-1/2-9 (42)	OMPIC803E07142
11-1/2-12 (45)	OMPIC803E07145
12-1/2-13 (46)	OMPIC803E07146
13-1/2-14 (47)	OMPIC803E07147



One-S Shoes

Top-level, quality leather shoes combine the benefits of a modern design with Velcro "flap" fastening, high-grip soles, and thin laces. Inner sole uses plate reinforcements for highest sensitivity and reduced foot stress. Meets FIA 8856-2000. Offered in red, black, yellow, or white.



Size	Red	Black	Yellow	White
8	OMPIC80706142	—	OMPIC80709942	OMPIC80702042
9	—	OMPIC80707143	—	OMPIC80702043
10	—	—	—	OMPIC80702044
10-1/2	—	—	OMPIC80709945	OMPIC80702045
11-1/2	OMPIC80706146	—	—	OMPIC80702046
12	—	—	—	OMPIC80702047
13	—	—	—	OMPIC80702048

KS-3 Kart Shoes **NEW!**

The KS-3 is constructed using a suede leather outer with mesh inserts for fresh, new styling. The outsole is specifically designed to meet the demands of karting, and includes a rear insert in elastic padded material for added comfort. Offered in Red/Black, Black/Anthracite or Blue/Black



Size	Red/Black	Black/Anthracite	Blue/Black
6	—	OMPIC81307740	OMPIC81324140
7	OMPIC81306042	OMPIC81307742	OMPIC81324141
8	OMPIC81306043	OMPIC81307743	—
9	OMPIC81306044	—	OMPIC81324143
10	OMPIC81306045	—	OMPIC81324144
11-1/2	OMPIC81306046	—	OMPIC81324146
12	OMPIC81306047	OMPIC81307747	OMPIC81324147



OS 50 Shoes

Quality suede leather shoes utilize a mid-top design with padded ankle and tongue, flexible and low-cut achilles, and leather reinforcements. Shoes are offered in black only and meets SFI 3.3A/5 specifications.

Size	Black
9	OMPIC792071090
11	OMPIC792071110
12	OMPIC792071120



Carrera High Boots NEW!

Shoes include contrasting inserts, laced closure, and an oil- and fuel-resistant rubber sole.

Size	Dark Brown	Light Brown
42	OMPIC78201442	OMPIC78201542
43	OMPIC78201443	OMPIC78201543
44	OMPIC78201444	OMPIC78201544
45	OMPIC78201445	OMPIC78201545
46	OMPIC78201446	OMPIC78201546



First

Underwear is made from Aramidi-co-viscose knitted fabric for increased fire resistance. External seams provide improved comfort. Tops feature long sleeves and high neck for maximum protection. Meets FIA 8856-2000 and SFI 3.3 specifications. White only.

Size	Part No.
Tops	
Small	OMPIAA730S
Medium	OMPIAA730M
Large	OMPIAA730L
X-Large	OMPIAA730XL
XX-Large	OMPIAA730XXL

Bottoms	
X-Small	OMPIAA731PXS
Small	OMPIAA731PS
Medium	OMPIAA731PM
Large	OMPIAA731PL

Single Eyeport Balaclava	
Double Layer/ One Size Fits All	OMPIAA729



One

Underwear adds a layer of fire protection without compromising comfort, and will remain cool and fresh. Offered in black only. FIA approved.

Size	Part No.
Single Eyeport Balaclava	
One Size Fits All	OMPIAA759071
Socks	
White, Medium	OMPIAA749028M
Black, Medium	OMPIAA749C9NM
Large, Black	OMPIAA749C9NL
Bottoms	
X-Large	OMPIAA740EPCNXLAR



Nomex Socks

Standard Crew Length socks meet SFI 33 and FIA 8856-2000 specifications.

Size	Part No.
White, Small	OMPIAA722S
White, Medium	OMPIAA722M
White, Large	OMPIAA722L
Black, Small	OMPIAA724071S
Black, Medium	OMPIAA724071M
Black, Large	OMPIAA724071L



Anatomical Neck Collars

Neck collar is manufactured from flame resistant Nomex and features an anatomic design for improved fit and comfort.

Description	Black	Red
Neck Collar	OMPID789071	OMPID789061



Roll Bar Padding NEW! OMPAA115A

Energy-absorbing roll bar padding gets progressively denser during impact for added driver protection. Padding, which is 490mm long, fits 40mm (1-1/2") to 50mm (2") dia. roll cage tubing. Meets FIA 8857-2001 type A specifications. Black only.



Professional 6-Point Harnesses NEW!

Super lightweight and comfortable, 6-point safety harnesses are manufactured from durable, 2" wide polyester fabric with forged aluminum adjusters and cam-lock buckle. Harnesses utilize pull-down adjust. Lap and sub belts include snap-in ends, while shoulder belts are wrap-around install. Designed for use with FHR only. Includes mounting hardware. Meets FIA 8853-2016 standards.



Part No.	Description
OMPDA0202VHSLUD061*	Individual/Wrap-Around Shoulder, Snap-In Lap/Subs, Red
OMPDA0202VHSLUD071*	Individual/Wrap-Around Shoulder, Snap-In Lap/Subs, Black

*Signifies 2" harness for use with FHR only.

4M 4-Point Harnesses NEW!

Four-point harnesses include central, push-button release with individual shoulder and lap belts. Choose from Road 4M or Racing 4M versions.



Part No.	Description
OMPDA505061	Road 4M 2" Harness, Bolt-In, Red
OMPDA508061	Racing 4M 3" Shoulder/2" Lap Harness, Snap-In, Red
OMPDA508071	Racing 4M 3" Shoulder/2" Lap Harness, Snap-In, Black

First 2 6-Point Harnesses NEW!

Six-point, FIA-approved First 2 harnesses include individual/wrap-around shoulder belts, lap, and dual sub belts with pull-up adjustment. Camlock mechanism eases install and release. Sold complete with clip-on ends and hardware.



Part No.	Description
OMPDA0208H061	First 2 Harness, Red
OMPDA0208H071	First 2 Harness, Black



Harness Pads

Harness pads add driver comfort when cinching down belts. Velour with Velcro attachments. Sold per pair.

Description	Black	Red
3" Harness Pads	OMPDB4503N	OMPDB4503R
2" Harness Pads	OMPDB450N	OMPDB450R



Arm Restraints **NEW!**

OMP1A01843071

Restraints keep arms contained in driver's compartment. Meets FIA requirements. Sold per pair. Black only.



Corsica Steering Wheels

Premium-quality 13-3/4" diameter racing steering wheels feature steel rims covered in smooth leather, with yellow top marker and black anodized aluminum spokes.

Three-spoke design steering wheels include a 3-3/4" dish and oval, 1-1/4" x 1" hand grips for exceptional grip and comfort. Includes horn button.

Part No.	Description
OMPOD1956N	Black Leather/Yellow Stitching
OMPOD1956NR	Black Leather/Red Stitching
OMPOD2012NN *	Black Leather/Yellow Stitching

*Signifies 33mm Dia. (13").



Velocita 350 Steering Wheels

Lightweight competition steering wheels feature a flat design with oval, 35 x 30 mm hand grips and yellow top marker. Offered in 380 mm (15") or 350 mm (13-3/4") diameters with black leather or black suede covered rims.

Part No.	Description
OMPOD1957	Velocita 350, Black Leather with Black Spokes NEW!
OMPOD1958	Velocita 350, Black Leather with Dark Gray Spokes
OMPOD1987NN	Velocita 380, Black Suede with Black Spokes NEW!
OMPOD2020N*	Velocita Superleggero 350, Black Suede with Dark Gray Spokes NEW!
OMPOD2030NN	Velocita 380, Black Leather with Black Spokes NEW!

*Superleggero model is 40% lighter than standard Velocita steering wheels.



Super Quadro Steering Wheel

OMPOD1990NN

Flat design, smaller 320 mm (12.59") dia. Super Quadro utilizes a black suede-covered rim with anatomical 35 x 27mm oval hand grips and black anodized spokes. Includes horn button.



Targa 330 Steering Wheel

NEW! OMPOD2005NN

Popular and versatile, Targa 330mm (13") dia. steering wheel combines a flat design with oval, 37 x 24mm hand grips, a yellow top marker and anodized aluminum spokes. Includes horn button.



301 Alu GT Steering Wheel **NEW!**

OMPOD2044N

State-of-the-art, 315 mm flat steering wheel with suede leather grips and aluminum spokes is popular with GT car drivers. Design allows compatibility with electronic dashboards offered by Motec or Aim.



WRC Steering Wheels **NEW!**

WRC steering wheels are 350 mm (13-3/4") dia. with a 65 mm dish, and black anodized aluminum spokes. Offered with black suede or black leather-covered rims, and yellow or red top markers. Includes horn button.

Part No.	Description
OMPOD1979N	WRC, Black Suede with Yellow Top Marker
OMPOD1980NR	WRC, Black Leather with Red Top Marker



Racing GP Steering Wheel

OMPOD1981NN

Flat-design Racing GP wheel combines black, anti-skid polyurethane hand grips with attractive black anodized aluminum spokes. Steering wheel has a 330 mm (13") and oval, 37 x 27 mm hand grips.



Trecento Scamosciato Steering Wheel **NEW!**

OMPOD1975N

Flat-design steering wheel utilizes a smaller, 300 mm (11.81") diameter and lower offset for improved instrument cluster visibility. Features black anodized spokes and oval 37 x 27 mm hand grips. Includes horn button.



Steering Wheel Spacers

Ultra-lightweight, CNC-machined 2-1/4" steering wheel spacer enables a flat dish steering wheel to replace a deeper dish OEM steering wheel while maintaining wheel distance to the driver.

Part No.	Description
OMPODC023171	Black
OMPODC023181	Silver



Push-Button Switch **NEW!** OMPEA467

Water-resistant, push-button switch has a threaded fixing nut and features a common, two-pole design.



Master Disconnect Switches

Required by most sanctioning bodies, master disconnect switch allows shut-down of entire electrical system. Offered in two-pole or six-pole versions. Sold complete with removable key.



Part No.	Description
OMPEA460	Master Disconnect Switch, 2-Pole, Battery Only
OMPEA462	Master Disconnect Switch, 6-Pole, Battery and Alternator
OMPEA463	Replacement Key for OMPEA460
OMPEA464	Replacement Key for OMPEA462

Strut Braces **NEW!**

Rigid strut braces help increase chassis rigidity, improving handling and cornering ability.



Part No.	Description
OMPMA1619	Aluminum Front Upper, Ford Escort/Sierra Cosworth
OMPMA1751	Steel Rear Upper, Ford Escort/Sierra Cosworth

Tow Hooks **NEW!**

Choose from bright yellow, 6 mm thick aluminum tow hook, or FIA-approved, 2" wide tow loop. Sold each.



Part No.	Description
OMPEB572	Tow Hook, Yellow
OMPEB578R	Tow Loop, Red



Pit Boards **NEW!**

Aluminum framed pit boards are offered in three- or four-panel versions. Sold complete with a full set of letters and symbols.

Part No.	Description
OMPKC1067	3-Panel Pit Board, 72 cm x 72 cm
OMPKC1068	4-Panel Pit Board, 100 cm x 72 cm



Racing Seats

TRS-E

The TRS-E is manufactured using a tubular steel frame upholstered with cool, comfortable fabric. Seat includes side fixing points, four large harness slots, and removable leg cushion rests for maximum individual seating comfort. Meets FIA 8855-1999 standards. Offered in black, blue, or red.

Description	Black	Blue	Red
TRS-E Seat	OMPHA741EN	OMPHA741EB	OMPHA741ER
TRS-E Seat, X-Large Model	OMPHA781EN	—	—
TRS-X Seat	OMPHA790N*	—	—

*TRS-X model includes the addition of fluorescent yellow detailing.

RS-PT2 OMPHA762EN

A true racing seat upholstered entirely in velour. The RS-PT2 additionally includes a shaped safety headrest, four large harness slots, high side bolsters for lateral leg support, and removable leg and back cushions. Meets FIA 8855-1999 standards. Black only.

HTE-R

Constructed using a lightweight fiberglass shell upholstered with cool, comfortable Airtex. High side bolster provides lateral leg support, shaped headrest increases safety, and removable back, base, and split leg cushions allow a custom fit. Head and neck restraint compatible. Meets FIA 8855-1999 standards. The 400 model is designed for cars with limited space. Black only.

Part No.	Description
OMPHA771EN	HTE-R X-Large Seat
OMPHA772EN	HTE-R Standard Size Seat
OMPHA780EN	HTE-R 400 Standard Size Seat NEW!

WRC-R XL OMPHA778EN

Lightweight seat features a fiberglass shell upholstered with cool, comfortable Airtex fabric. Seat additionally uses high side bolster for lateral leg support, large harness slots, and removable back, base, and split leg cushions. Head and neck restraint compatible, seat meets FIA 8855-1999 standards. Black only.

First-R **NEW!** OMPHA790N

Entry-level racing seat uses a fiberglass shell, upholstered entirely in black velour. Seat incorporates five harness slots, high side bolsters for improved leg support, and a removable base cushion. HANS compatible. Meets FIA 8855-1999 standards. Black only.

Steering Wheel Hubs **NEW!**

Part No.	Description
OMPOD1960FI790A	'07-Up Fiat 500
OMPOD1960VW237A	'98-Up Audi A3/A4; '98-Up VW Polo/Golf

Quick-Release Hub **NEW!**

OMPODS024B

Compatible with 3- or 6-bolt steering wheels, billet aluminum, black/gold anodized hub features a 360° release.



Style OMPHA719EN

Seat is constructed using a durable, lightweight tubular steel frame that is upholstered in "A-tex Evo", a textured, abrasion-resistant fabric that is comfortable in hot or cold conditions. Seat includes three seat belt openings, precision reclining, and quick-tilting mechanism for rear seat access. Meets European directive 96/37/EC. Black only.



Design 2 OMPHA736EN

Design 2 seat adds safety, while also including the convenience of a precision reclining and quick-tilting mechanism for rear seat access. Tubular steel-framed seat is upholstered with "A-tex Evo", a textured fabric that is cool and comfortable. Seat includes two seat belt openings. Meets European directive 96/37/EC. Black only.



Classic OMPHA737E

Featuring a vintage revival design reminiscent of the '70's, the Classic seat combines faux leather sides with velvet center and head rest. Adjustable head rest adds increased comfort and security. Black only.



Accessory Seat Cushions **NEW!**

Cushions may be used to increase driver comfort and safety.

Part No.	Description
OMPHB692N	Small Lumbar Seat Cushion, Black
OMPHB693N	Leg Support Cushion, Black
OMPHB700	Double Leg Support Cushion, WRC Seat



OMPHB692N

Seat Mounting Brackets and Accessories

Used to mount popular OMP seats, seat mounting brackets are custom fabricated from 3 mm thick steel or 6 mm thick aluminum. Steel brackets are black powder coated. FIA approved unless noted.

Part No.	Description
Steel Mounting Brackets	
OMPHC665*	Sliding Seat Bracket, Mounts Between Side Brackets and Seat
OMPHC731E	Tall Seat Mounting Brackets, 15"L. x 1/8" Thick
OMPHC733E	Low Seat Mounting Brackets, 13-3/4"L. x 1/8" Thick
OMPHC922	Low Seat Mounting Brackets, 13-3/4"L. x 1/8" Thick
OMPHC923	Tall Seat Mounting Brackets, 19-1/2"L. x 1/8" Thick
Aluminum Mounting Brackets	
OMPHC924	Low Seat Mounting Brackets, 15.75"L. x 1/4" Thick
OMPHC925	Tall Seat Mounting Brackets, 19-1/2"L. x 1/4" Thick

* Not FIA Approved.



OLIVER

RACING PARTS

Billet I-Beam Connecting Rods

Exclusive "Parabolic Beam" design reduces beam stress and provides one of the highest strength-to-weight ratios of any connecting rod currently available. Sold in sets of eight in Standard or Ultra Light versions. Oliver/ARP 7/16" WSB fasteners included.

Part No.	Description	Rod Length	Wrist Pin	Crank Pin	Journal Width	Gram Weights
Small Block Chevy						
OLVC6000SMUL8	Ultra Light/Small Journal	6.000"	.927"	2.000"	.940"	162/429/591
OLVC6000STUL8	Ultra Light/Standard Journal	6.000"	.927"	2.100"	.940"	164/431/595
OLVC6000STLT8	Standard Weight/Standard Journal	6.000"	.927"	2.100"	.940"	185/476/661
OLVC6000SMLT8	Standard Weight/Small Journal	6.000"	.927"	2.000"	.940"	181/464/645
OLVC6000Q4UL8*	Ultra Light/Honda Journal	6.000"	.927"	1.889"	.940"	160/420/580
OLVC6000STSW8†	Speedway/Std. Wt./Std. Journal	6.000"	.927"	2.100"	.940"	210/495/705
OLVC6125STLT8	Standard Weight/Standard Journal	6.125"	.927"	2.100"	.940"	185/478/663
OLVC6200STLT8	Standard Weight/Standard Journal	6.200"	.927"	2.100"	.940"	186/481/667

† High-RPM endurance rods recommended for large cu. in. Dirt Late Models, etc. *Designed for use with Honda-sized rod journals and rod bearings; lightweight pistons recommended.

Replacement Components

Part No.	Description
OLVBLT003	7/16" Premium Replacement Rod Bolt, 1.400" U.H.L., 260,000 PSI Tensile Strength
OLVBLT005	7/16" Standard Replacement Rod Bolt, 1.400" U.H.L., 220,000 PSI Tensile Strength
OLVBSH011	Replacement Wrist Pin Bushing, SB Chevy Thin Wall
OLVBSH027	Replacement Wrist Pin Bushing, SB Chevy Thick Wall



THE ULTIMATE POWER SOURCE™

Optima Batteries

Sealed, starved electrolyte/gas combination Optima batteries never need water, do not leak, and can be mounted in any position. Three versions are available: Red Top, combining optimal starting power in the first few seconds and extended life; Yellow Top, the only dual-purpose battery with cranking power and deep cycling; and Blue Top, a genuine, deep-cycle battery, ideal for race cars with no alternator.



Part No.	Description	Post/Terminal	CCA @ 0° F.	MCA @ 32° F.	C/20 Cap.	Dimensions L x W x H.	Wt./lbs.
OPT7048-148 ^B	Yellow Top H6	Top	800	928	72 Ah	10.94" x 6.89" x 7.48"	54.0
OPT8002-002	Red Top 800S	Top	800	1000	50 Ah	10" x 6-7/8" x 7-13/16"	37.9
OPT8004-003	Red Top 800U	Dual	800	1000	50 Ah	10" x 6-7/8" x 7-13/16"	38.8
OPT8006-006 ^{B,C}	Blue Top 1000M	Dual	800	1000	50 Ah	10" x 6-7/8" x 7-13/16"	38.4
OPT8012-021 ^B	Yellow Top	Top	750	870	55 Ah	10" x 6-7/8" x 7-13/16"	42.9
OPT8014-045 ^B	Yellow Top D750U	Dual	750	950	55 Ah	10" x 6-7/8" x 7-13/16"	43.8
OPT8016-103 ^B	Blue Top D34M	Dual	750	870	55 Ah	10" x 6-7/8" x 7-13/16"	43.5
OPT8022-091	Red Top	Dual	720	910	44 Ah	9-5/16" x 6-13/16" x 7-5/8"	33.1
OPT8040-218 ^B	Yellow Top	Top	650	810	48 Ah	9-5/16" x 6-3/4" x 7-3/4"	36.5
OPT8042-218 ^B	Yellow Top	Dual	650	810	48 Ah	9-5/16" x 6-13/16" x 7-5/8"	37.8
OPT8071-167 ^B	Yellow Top	Top	450	575	38 Ah	9-5/16" x 5-1/16" x 8-15/16"	26.0
OPT8073-167 ^{A,B}	Yellow Top	Top/Rev.	450	575	38 Ah	9-5/16" x 5-1/16" x 8-15/16"	26.0

^A Signifies battery with reversed positive/negative top post locations. ^B Signifies deep cycle ^C Starting model only.

Digital 1200 Performance Charger and Battery Maintainer OPT150-33508

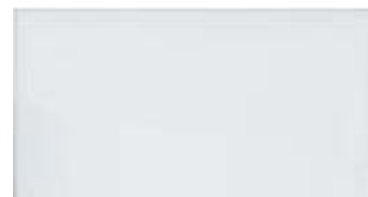
The Digital 1200 helps maximize the performance of 12-volt AGM and flooded Optima, and other high-performance AGM batteries. Charger offers 12 amps of maximum charging amperage, and has the ability to recover deeply discharged batteries while extending battery life. Bright, easy-to-read backlit LCD gauge displays charging, fill rate, mode settings, and fault messages.



Polycarbonate Windows

Well suited for asphalt racing applications, polycarbonate sheet is optically clear and UV stabilized for exceptional visibility. Flexible and shatterproof, polycarbonate includes a specialized coating which provides a chemical- and scratch-resistant surface, both inside and out. Sold in 1/8" thick sheets.

Part No.	Description
OPA0A-48X72-2	48" x 72" Polycarbonate Sheet 1/8" Thick, Coated



Pre-filter's unique polyester material contains uniform, micron-sized openings to allow air in while filtering out the grime that will eventually clog an air filter.

14" Air Filter Pre-Filters

Pre-filters fit around the air filter elements on all 14" diameter air cleaners.

Description	Black	Blue	Red
3" Tall Element	OUT10-1141-01	OUT10-1141-02	OUT10-1141-03
4" Tall Element	OUT10-1002-01	OUT10-1002-02	OUT10-1002-03
5" Tall Element	OUT10-1004-01	OUT10-1004-02	OUT10-1004-03
6" Tall Element	OUT10-1026-01	OUT10-1026-02	OUT10-1026-03

Description	Yellow	Orange	Purple
3" Tall Element	OUT10-1141-04	OUT10-1141-05	OUT10-1141-07
4" Tall Element	OUT10-1002-04	OUT10-1002-05	OUT10-1002-07
5" Tall Element	OUT10-1004-04	OUT10-1004-05	OUT10-1004-07
6" Tall Element	OUT10-1026-04	OUT10-1026-05	OUT10-1026-07



14" Air Filter Pre-Filters for R2C Pro Series

Specifically designed for use with popular R2C Pro Series air filters.

Part No.	Description
OUT10-2589-01	4" Tall Element
OUT10-2590-01	5" Tall Element
OUT10-2781-01	6" Tall Element



14" Air Filter Pre-Filters with Top

The Outerwears pre-filter with a completely covered top keeps debris out of the air cleaner assembly.

Description	Black	Blue	Red
3" Tall Element	OUT10-1246-01	OUT10-1246-02	OUT10-1246-03
4" Tall Element	OUT10-1014-01	OUT10-1014-02	OUT10-1014-03
5" Tall Element	OUT10-1020-01	OUT10-1020-02	OUT10-1020-03
6" Tall Element	OUT10-1160-01	OUT10-1160-02	OUT10-1160-03

Description	Yellow	Orange	Purple
3" Tall Element	OUT10-1246-04	—	—
4" Tall Element	OUT10-1014-04	OUT10-1014-05	OUT10-1014-07
5" Tall Element	OUT10-1020-04	OUT10-1020-05	OUT10-1020-07
6" Tall Element	OUT10-1160-04	OUT10-1160-05	OUT10-1160-07



11" Air Filter Pre-Filter with Top **NEW!**

Identical to the above pre-filters but designed for use with 11" dia. air filters. Black only.

Part No.	Description
OUT10-1198-01	11" Dia. x 5" Tall Pre-Filter, Black
OUT10-1252-01	11" Dia. x 6" Tall Pre-Filter, Black



3" Crankcase Breather Pre-Filters

Pre-filters fit the 3" diameter crankcase breathers mounted on the valve covers.

Description	Black	Blue	Red
Breather without Shield	OUT10-1013-01	OUT10-1013-02	OUT10-1013-03
Breather with Shield	OUT10-1018-01	OUT10-1018-02	OUT10-1018-03

Description	Yellow	Orange	Purple
Breather without Shield	OUT10-1013-04	OUT10-1013-05	OUT10-1013-07
Breather with Shield	OUT10-1018-04	OUT10-1018-05	OUT10-1018-07



Scrub Bags

Strong water-repellent, dirt-resistant covers for air cleaners, crankcase vents, magnetos, and engines during hauling, washing, or storage. Secures with a draw string and quick clip.



Description	Black	Blue	Red	Purple
14" Air Cleaner, 3-6" Tall	OUT30-1161-01	OUT30-1161-02	OUT30-1161-03	OUT30-1161-07
R2C Air Filter	OUT30-2658-01	—	—	—
Crankcase Vent	OUT30-1018-01	OUT30-1018-02	OUT30-1018-03	—
Vertex Magneto, Standard Cap	OUT30-1143-01	—	OUT30-1143-03	—
Vertex Magneto, Large Cap	OUT30-1264-01	—	OUT30-1264-03	—
Spare Engine Bag	OUTEB-1000	—	—	—

Shockwears

Tested and proven to protect vital shock components. Durable Denier nylon Shockwears are water- and heat-resistant, and include a Velcro strap for easy installation without shock removal. Covers are also available for pull bars and coil-overs. All covers are sold in pairs.



Description	Black	Blue
Shock Cover, 3-1/2" x 10"	OUT30-1245-01	—
Shock Cover, 3-1/2" x 12"	OUT30-1348-01	—
Shock Cover, 3-1/2" x 14"	OUT30-1165-01	—
Coil-Over Cover, 4" x 19"	OUT30-2425-01	—
Pull Bar Cover, 5" x 7"	OUT30-2608-01	—
Coil-Over Cover, 5" x 13"	OUT30-2615-01	OUT30-2615-02
Coil-Over Cover, 5" x 16"	OUT30-2616-01	OUT30-2616-02

Shockwears Armor

Flexible, armor-plated material protects expensive shock absorbers and is vented to release heat. Available for use with shocks fitted with standard coil-overs or those fitted with barrel springs. Black only. Sold each.



14" Long	17" Long	19" Long	21" Long	
Shock with Std. Coil-Over				
OUT32-2612-01	OUT32-2603-01	OUT32-2604-01	OUT32-2605-01	
10" Long	12" Long	14" Long	17" Long	19" Long
Shock with Barrel Coil-Over				
OUT32-2983-01	OUT32-2985-01	OUT32-2986-01	OUT32-2987-01	OUT32-2984-01

Rack Shaft Armor for Dirt Late Models

OUT32-2988-01

Armor-plated material installs over rack-and-pinion unit, protecting the boots from damage caused by rocks and debris. Installs easily with Velcro. Black only.



Fuel Funnel and Pre-Filter

Plastic, 6-quart capacity fuel funnel includes a water repellent pre-filter that prevents condensation from entering the fuel cell, and sifts out debris as small as .005" in diameter. Pre-filter fits most popular 6-qt. funnels (including Mr. Gasket MRG3695), and may also be purchased separately.



Part No.	Description
OUT20-1029-03	Pre-Filter Only
OUT90-1029-03	Fuel Funnel and Pre-Filter

Radiator Shaker Screen Covers

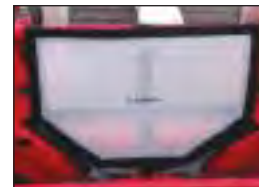
Cover attaches directly to radiator shaker screen, preventing mud build-up in the radiator and the associated overheating.



Part No.	Description
OUT11-2652-12	Bloomquist, 20" x 30"
OUT11-2793-12	Rocket, 20" x 24"
OUT11-2794-12	Allstar Performance/Mastersbilt, 17" x 25"
OUT11-2933-12	Asphalt Late Model, 19" x 27", Fits C&R Radiator
OUT11-2945-12	Rocket/Club 29 Chassis, 18" x 24-3/4"

Speed Screens

Designed for dirt track use, specialized cover attaches to front of radiator, preventing mud build-up. Kits include hardware for attachment to radiator. Replacement screens may be purchased separately.



Description	Speed Screen Kit Part No.	Replacement Screen Part No.
IMCA/UMP Modified	OUT11-2332-12	—
19" x 25"	OUT11-2330-12	OUT11-2331-12
19" x 27"	OUT11-2326-12	OUT11-2327-12
19" x 29"	OUT11-2328-12	OUT11-2329-12

Engine Bag **NEW!** OUTEB-1000

Heavy-duty black denier nylon bag is used to cover spare engines during storage or transport, protecting them from dirt, debris, and the elements.



JOHN CLIPPINGER/DANNY SCHWARTZ

JOSH JAMES ARTWORK



Suspension Tubes with Greasable Rod End System

Reduce suspension component and rod end maintenance time. Grease is forced through an orifice in the rod end and around the spherical ball, greasing it from the inside out, and flushing away dirt and contaminants. Tubes with greasable rod ends are available in a variety of lengths for 7/8" dia. aluminum round tubing, 7/8" dia. aluminum hex tubing, and 7/8", 1", or 1-1/8", or 1-1/4" dia. round steel tubing with choice of chrome moly or mild steel, 5/8", or 3/4" rod ends.

Length	Aluminum Round 7/8" Dia. 5/8" Moly Rod Ends	Aluminum Hex 7/8" Dia. 5/8" Moly Rod Ends	Steel Round 7/8" Dia. 5/8" Steel Rod Ends	Steel Round 1" Dia. 5/8" Steel Rod Ends	Steel Round 1-1/8" Dia. 3/4" Steel Rod Ends
10"	—	—	OPP8-100-S2	—	—
11"	—	OPP3-110-M2	OPP8-110-S2	OPP5-110-S2	OPP6-110-S4
12"	OPP1-120-M2	OPP3-120-M2	OPP8-120-S2	OPP5-120-S2	OPP6-120-S4
13"	OPP1-130-M2	OPP3-130-M2	OPP8-130-S2	OPP5-130-S2	—
14"	OPP1-140-M2	OPP3-140-M2	OPP8-140-S2	OPP5-140-S2	—
14-1/2"	OPP1-145-M2	—	—	—	—
15"	OPP1-150-M2	OPP3-150-M2	OPP8-150-S2	OPP5-150-S2	—
16"	OPP1-160-M2	OPP3-160-M2	—	OPP5-160-S2	—
17"	—	OPP3-170-M2	—	OPP5-170-S2	—

Notes: Tube length measurements are tube only, less rod end. Replacement greasable rod ends are available.

Bent Tubes with Greasable Rod End System

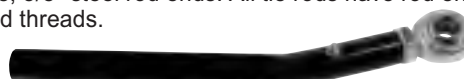
Bent lower left rear tubes are 7/8" O.D. x .156" wall mild steel tubing, fitted with greasable 5/8" steel or chrome moly rod ends and jam nuts.



Length	Steel Rod Ends Part No.	Chrome Moly Rod Ends Part No.	Tube Only/Less Rod Ends Part No.
10"	OPP50-100-S2	—	—
11"	—	OPP50-110-M2	—
12"	OPP50-120-S2	OPP50-120-M2	OPP50-120
13"	—	OPP50-130-M2	—
15"	OPP50-150-S2	OPP50-150-M2	—

Bent Modified Tie Rods

Made from 7/8" O.D. steel tube, bent modified tie rods have greasable, 5/8" steel rod ends. All tie rods have rod ends with right-hand threads.



Description	LH Part No.	RH Part No.
Bent Modified Tie Rod, 10"	OPP55-810-BL-S	OPP55-810-BR-S
Bent Modified Tie Rod, 12"	—	OPP55-812-BR-S
Bent Modified Tie Rod, 13"	—	OPP55-813-BR-S
Bent Modified Tie Rod, 14"	—	OPP55-814-BR-S
Bent Modified Tie Rod, 15"	OPP55-815-BL-S	OPP55-815-BR-S



Non-Greasable Extreme Drop Bent Steel Modified Tie Rod Tubes

Extreme drop bent tube design offers maximum frame clearance.

Tie rod tubes are constructed from .156" wall x 7/8" O.D. round steel, include 5/8"-18 threads with a black powder-coated finish.



Part No.	Description
OPP555-810-BL-NG	Left 10" Bent Outer Tie Rod Tube, Requires RH Thread Stock Inner Tie Rod
OPP555-815-BL-NG	Left 15" Bent Outer Tie Rod Tube, Requires RH Thread Stock Inner Tie Rod
OPP555-815-BR-NG	Right 15" Bent Outer Tie Rod Tube, Requires LH Thread Stock Inner Tie Rod NEW!

Greasable Steel Modified Tie Rod Assembly OPP55-815-SL-M



Greasable 15" long steel modified tie rod assembly is manufactured from .156" x 7/8" O.D. round tube steel and includes 5/8"-18 moly rod ends.

One-Piece Lower Control Arm with Greasable Rod End System

Standard, one-piece lower control arm is fitted with greasable chrome moly rod ends. Offered for popular dirt late model chassis.



Application	LF Lower Part No.	RF Lower Part No.
Rocket (Black), Moly Rod Ends	—	OPP42-008-1-RM

Greasable Extreme Drop Steel Modified Tie Rod Assembly with Stock Inner OPP555-815-BL-SA

Greasable steel tie rod assembly is 7/8" O.D. x .156" wall, and includes a LH threaded 5/8" steel rod end and RH threaded short inner Chevelle tie rod.



Aluminum Upper Arm Design Lift Bar

Lightweight, aerospace-grade aluminum construction lift bar is not only lightweight, but rigid and durable as well. Lift bar includes a special bend for increased pinion clearance and features a greasable chrome moly rod end.



Part No.	Description
OPP54-003	Aluminum Upper Arm Design Lift Bar
OPP54-003-RO	2 Pc. Aluminum, Rocket Chassis Only

J-Bars

Offered in steel or lightweight 7075 aluminum, J-bars incorporate 4140 tool steel adjusters with 1-3/8" of adjustability. All J-bars are fitted with greasable moly rod ends.



Description	Steel J-Bar Part No.	Alum. J-Bar Part No.
19-1/4"-20-5/8", Medium Bar with Short Adjuster	OPP53-011	OPP53-005
21"-22-3/8", Long Bar with Short Adjuster	OPP53-013	—



Circle Track Valve Springs

PAC offers three series of dual-spring valve spring assemblies for circle track racing applications. The economical 1200 series is standard HP-processed with good fatigue life. 1300 series Nano Peen springs have surface enhancements and full chamfering for extreme reliability. Premium 1500 series are polished, gold-colored Nano Peen springs engineered for extreme engine speeds and radical camshaft profiles. Sold in sets of 16.



Part No.	Outer OD	Outer ID	Middle OD	Inner ID	Installed Height	Open Load	Spring Rate	Coil Bind	Max. Lift
1200 Series									
PACPAC-1203	1.260"	.860"	—	.624"	145 @ 1.800"	511 @ 1.200"	610	1.115"	.650"
PACPAC-1216	1.260"	.876"	Damper	.786"	115 @ 1.800"	350 @ 1.300"	470	1.048"	.500"
PACPAC-1227	1.539"	1.125"	Damper	.731"	200 @ 1.950"	550 @ 1.250"	500	1.130"	.700"
PACPAC-1237X	1.274"	.900"	—	.630"	200 @ 1.800"	585 @ 1.110"	550	1.045"	.700"
PACPAC-1239	1.550"	1.126"	Damper	.720"	220 @ 2.050"	625 @ 1.300"	540	1.180"	.800"
PACPAC-1243	1.550"	1.136"	—	.812"	240 @ 1.900"	625 @ 1.200"	550	1.100"	.700"
PACPAC-1280X	1.282"	.860"	Damper	.655"	92 @ 1.800"	285 @ 1.300"	386	1.181"	.500"
PACPAC-1289	1.550"	1.136"	—	.812"	230 @ 2.000"	580 @ 1.300"	500	1.210"	.750"
PACPAC-1297	1.539"	1.125"	Damper	.731"	200 @ 2.000"	550 @ 1.300"	500	1.130"	.700"
1300 Series									
PACPAC-1340	1.500"	1.085"	—	.790"	250 @ 2.030"	614 @ 1.250"	467	1.180"	.780"
PACPAC-1342	1.574"	1.100"	—	.826"	250 @ 2.050"	655 @ 1.250"	506	1.200"	.800"
PACPAC-1343	1.550"	1.136"	—	.812"	240 @ 1.900"	625 @ 1.200"	550	1.150"	.700"
PACPAC-1371	1.374"	1.100"	—	.716"	150 @ 1.950"	455 @ 1.250"	436	1.190"	.700"
PACPAC-1385	1.564"	1.150"	Damper	.744"	250 @ 2.000"	670 @ 1.200"	525	1.140"	.800"
PACPAC-1395	1.574"	1.150"	Damper	.744"	265 @ 2.000"	705 @ 1.200"	550	1.150"	.800"
1500 Series									
PACPAC-1541	1.510"	1.086"	—	.790"	240 @ 2.030"	625 @ 1.250"	494	1.175"	.780"



GM LS Complete Cylinder Head Valve Spring Kit **NEW!** PACPAC-KS23

A complete kit designed exclusively for high-performance GM LS engines that includes all of the necessary components to revitalize the valve springs for smooth, consistent high RPM operation. Kit includes (16) PACPAC-1204X double valve springs, (16) chrome moly retainers, (16) valve seals, (16) valve spring seats, and (16 pair) valve locks.

PACPAC-1204X Valve Spring Specifications

Outer OD	Outer ID	Middle OD	Inner ID	Installed Height	Open Load	Spring Rate	Coil Bind	Max. Lift
1200 Series								
1.290"	.950"	—	.694"	145 @ 1.800"	385 @ 1.150"	369	1.000"	.700"



RPM Series Crate Motor "Cheater" Valve Springs

Designed specifically for popular GM "602" and "604" crate motors, RPM series valve springs permit increased engine RPM's compared to stock GM crate motor springs. Sold in sets of 16.

Part No.	Description	O.D.	I.D.	Installed Height	Open Load	Spring Rate	Coil Bind	Max Lift
PACPAC-1210X	"602" Spring	1.245"	.891"	87 @ 1.700"	212 @ 1.270"	291	1.128"	.450"
PACPAC-1212X	"604" Spring	1.355"	.910"	125 @ 1.750"	315 @ 1.250"	380	1.180"	.550"



Valve Spring Retainers

Offered in 600 series Pacaloy tool steel or lightweight 500 series Ti-17 titanium.



Dimensions						
Part No.	A	B	C	D	Lock Angle	Gram Weight
300 Series Chrome Moly Steel						
PACPAC-R317	1.325"	.990"	.700"	N/A	10°	26.3
PACPAC-R335	1.300"	.940"	.680"	N/A	LS7	17.0
PACPAC-R348	1.360"	.985"	.690"	N/A	Mini 8°	17.0
PACPAC-R349	1.200"	.775"	N/A	N/A	8°	20.0
PACPAC-R387	1.450"	1.122"	.735"	N/A	10°	29.0
400 Series Ti-64 Titanium						
PACPAC-R436	1.450"	1.125"	.800"	N/A	10°	11.5
500 Series Ti-17 Titanium						
PACPAC-R505	1.400"	1.090"	.780"	N/A	10°	14.8
PACPAC-R514	1.475"	1.140"	.735"	N/A	10°	14.8
PACPAC-R517	1.325"	.990"	.700"	N/A	10°	11.8
PACPAC-R540	1.400"	1.080"	.770"	N/A	8°	13.6
600 Series Pacaloy Tool Steel						
PACPAC-R614	1.450"	1.140"	.735"	N/A	10°	15.9
PACPAC-R632	1.250"	.890"	.600"	N/A	Mini 8°	N/A

Valve Spring Shims **NEW!**

Offered in chrome moly steel, Pacaloy tool steel, Ti-64 titanium or Ti-17 titanium. Sold in sets of 16.

Part No.	O.D.	I.D.	Thickness
PACPAC-S184	1.500"	.570"	.050"
PACPAC-S188	1.250"	.570"	.050"
PACPAC-S189	1.250"	.570"	.030"



Valve Spring Shim Kit **NEW!** PACPAC-KS93

Used to achieve the desired valve spring installed height and seat pressure, comprehensive kit includes (64) 1.250" O.D. x .570" I.D. valve spring shims, 16 pieces each in thicknesses of .015", .020", .030" and .050".



Valve Locks

Choose from 7°, 8°, or 10° valve locks for 11/32", 3/8", or 8mm valves. Sold in sets of 16.



Part No.	Valve Stem Size	Lock Angle	Groove Type	Installed Height	Material
PACPAC-L8005	11/32"	10°	Square	Std.	Titanium
PACPAC-L8025	11/32"	10°	Square	+.050"	Steel
PACPAC-L8028	11/32"	10°	Square	+.050"	Steel
PACPAC-L8036	11/32"	8°	Square	Std.	Steel
PACPAC-L8038	11/32"	8°	Square	+.050"	Steel
PACPAC-L8092	3/8"	10°	Square	Std.	Steel
PACPAC-L8131**	11/32"	8°	Radius	Std.	Steel
PACPAC-L8132**	11/32"	8°	Radius	+.050"	Steel
PACPAC-L8133**	11/32"	8°	Square	Std.	Steel
PACPAC-L8134**	11/32"	8°	Square	+.050"	Steel
PACPAC-L8142**	8mm	8°	Radius	+.050"	Steel
PACPAC-L8143**	8mm	8°	Radius	-.050"	Steel
PACPAC-L8146	11/32"	7°	Square	Std.	Steel
PACPAC-L8154	11/32"	7°	Radius	Std.	Steel
PACPAC-L8160	8mm	10°	Radius	Std.	Steel
PACPAC-LR8025†	11/32"	10°	Square	-.050"	Steel
PACPAC-LR8027†	11/32"	10°	Square	Std.	Steel
PACPAC-LR8028†	11/32"	10°	Radius	Std.	Steel

** Mini-8 Lock Type

† Locks are recessed for use with lash caps.



Chrome Moly Spring Seats

Part No.	Thickness	Dimensions		
		A	B	C
PACPAC-S102	.060"	1.550"	.855"	.635"
PACPAC-S103	.060"	1.550"	.770"	.575"
PACPAC-S106	.060"	1.550"	.700"	.635"
PACPAC-S110	.060"	1.500"	.715"	.570"
PACPAC-S114	.060"	1.450"	.700"	.570"
PACPAC-S117	.060"	1.550"	.730"	.575"
PACPAC-S126	.060"	1.500"	.715"	.630"
PACPAC-S138	.060"	1.270"	.615"	N/A

Spring Installed Height Gauge PACPAC-T902

Measure valve spring heights quickly, accurately, and effectively. Standard model is made from durable stainless steel and includes fine threads for increased accuracy. Measures 1.800" - 2.600" installed heights.



KATIE HETTINGER

Quick-Change Gears

The PEM standard gear set is manufactured from hobbed, fully-treated high-grade steel. The premium lightweight gear set uses high-strength polished alloy steel for cooler operating temperatures and reduced rotating weight.



Premium Gear Set	Standard Gear Set	4.11 Ring and Pinion		No of Teeth	4.86 Ring and Pinion	
		High	Low		High	Low
PEM65001	PEM61001	4.11	4.11	21/21	4.86	4.86
PEM65001A	—	4.23	4.00	35/36	5.00	4.72
PEM65002	PEM61002	4.26	3.96	27/28	5.04	4.68
PEM65008A	PEM61008	4.84	3.51	23/27	5.70	4.14
PEM65015	PEM61015	4.33	3.91	19/20	5.10	4.63
—	PEM61015Q	4.38	3.85	15/16	5.18	4.56
PEM65026	PEM61026	4.41	3.83	27/29	5.22	4.52
PEM65006	PEM61006	4.47	3.78	23/25	5.28	4.47
PEM65025	PEM61025	4.52	3.74	20/22	5.34	4.42
PEM65012	PEM61012	4.58	3.68	26/29	5.42	4.36
PEM65007	PEM61007	4.65	3.63	23/26	5.49	4.30
PEM65007A	PEM61007Q	4.70	3.60	21/24	5.55	4.25
PEM65017	PEM61017	4.77	3.54	19/22	5.63	4.19
PEM65008	PEM61008	4.86	3.48	22/26	5.74	4.11
PEM65019	PEM61019	4.89	3.45	21/25	5.78	4.08
PEM65009A	—	4.93	3.92	25/30	5.83	4.05
PEM65009	PEM61009	4.98	3.39	19/23	5.88	4.01
PEM65011	PEM61011	5.04	3.35	22/27	5.96	3.96
PEM65003	PEM61003	5.10	3.31	25/31	6.02	3.92
PEM65013	PEM61013	5.14	3.29	20/25	6.07	3.89
PEM65018	PEM61018	5.18	3.26	19/24	6.12	3.85
PEM65018A	PEM61018Q	5.23	3.23	22/28	6.18	3.82
PEM65004A	PEM61004Q	5.25	3.22	18/23	6.21	3.80
PEM65004	PEM61004	5.31	3.18	24/31	6.27	3.76
PEM65020	PEM61020	5.34	3.16	20/26	6.31	3.74
PEM65022	PEM61022	5.41	3.12	19/25	6.39	3.69
PEM65016	PEM61016	5.48	3.08	24/32	6.48	3.64
PEM65010	PEM61010	5.56	3.04	20/27	6.57	3.59
PEM65010A	PEM61010	5.62	3.02	22/30	6.62	3.56
PEM65034	PEM61034	5.65	2.99	16/22	6.68	3.53
PEM65014	PEM61014	5.72	2.95	23/32	6.76	3.49
PEM65014A	—	5.75	2.94	20/28	6.80	3.47
PEM65035	PEM61035	5.80	2.91	17/24	6.86	3.44
PEM65032	PEM61032	5.84	2.89	19/27	6.90	3.42
PEM65032A	PEM61032Q	5.90	2.86	23/33	6.97	3.39
PEM65024	PEM61024	5.96	2.83	20/29	7.04	3.35
PEM65036	PEM61036	6.05	2.79	17/25	7.14	3.30
PEM65023	PEM61023	6.16	2.74	18/27	7.29	3.24
PEM65021	PEM61021	6.28	2.69	17/26	7.43	3.18
PEM65027	PEM61027	6.35	2.66	22/34	7.51	3.15
PEM65043	PEM61043	6.42	2.63	16/25	7.59	3.11
PEM65028	PEM61028	6.49	2.60	19/30	7.67	3.08
PEM65029	PEM61029	6.58	2.57	15/24	7.77	3.04
PEM65030	PEM61030	6.68	2.53	16/26	7.91	2.99
PEM65041	PEM61041	6.77	2.50	17/28	8.00	2.95
PEM65031	PEM61031	6.85	2.47	21/35	8.10	2.92
PEM65033A	PEM61033Q	6.94	2.44	16/27	8.20	2.88
PEM65031A	PEM61031Q	7.05	2.39	14/24	8.33	2.83
PEM65050	PEM61050	7.19	2.77	20/35	8.50	2.77
PEM65052	—	7.32	2.32	18/32	8.64	2.73
PEM65054	—	7.42	2.29	15/27	8.74	2.70
PEM65056	—	7.51	2.26	17/31	8.86	2.67

Metric Trailing Arm Mount PEMHMBUSET

Metric rear upper trailing arm mounts without bushings. Sold in pairs.



'79-87 GM Metric/9"

Ford Floater Housing Kits **NEW!**

Engineered to bolt into '79-87 GM intermediate metric chassis, 9" Ford floater housings feature all-new, stamped HNF9 centers, installed radius rod mounts and brake caliper brackets, and are set-up to provide 4° down pinion angle. Housings include solid axles and Grand National hubs and .810" wide rotors (unless specified).



Part No.	Description
PEMHNM300300	9" Ford Rear Housing Only, Centered Pinion, 60" Wide
PEMHNMK2902904	9" Ford Rear Housing, Centered Pinion, 58" Wide, 5 x 4-3/4" Hubs
PEMHNMK3003005	9" Ford Rear Housing, Centered Pinion, 60" Wide, 5 x 5" Hubs

9" Ford GN Floater Bare Housing



All-new 9" Ford housings are manufactured with .188" wall DOM steel tubes and 2.5" GN snouts. Housings feature centered pinion with new stamped center. Includes drain plug, bungs, and center studs. Made in the USA.

Part No.	Description
PEMHN290290	9" Ford GN Floater Housing, Centered Pinion, 58" Wide NEW!
PEMHN300300	9" Ford GN Floater Housing, Centered Pinion, 60" Wide

Ford 9" Axle Housing Seal Kit **NEW!** PEMF9AXTS3KIT

Designed to fit Ford 9" rears with 28- or 31-spline axles and 3" O.D. x 3/16" wall axle tubes, seal kit prevents gear lube from migrating into the axle tubes and keeps it in the center housing where it belongs.



Grand National Replacement Components



Part No.	Description
PEMGNDCLBKIT	Black Dust Cover Kit, Includes Dust Cover, O-Ring and 3 Allen Screws
PEMGNDFK5X43/4	Drive Flange Kit 5 x 4-3/4" Bolt Circle, Includes Steel GN Drive Flange, Dust Cover, O-Rings, 2 Tapered Screws and 3 Allen Screws
PEMGNDFK5X5	Drive Flange Kit 5 x 5" Bolt Circle, Includes Steel GN Drive Flange, Dust Cover, O-Rings, 2 Tapered Screws and 3 Allen Screws
PEMGNHBAK	2.5" GN Hub Master Installation Kit, Includes 2 Hub Bearings, Lock Washers, and Double Lip Seal
PEMGNHOR	Drive Flange O-Ring, Each
PEMGNHSPHLE	2.5" GN Hub Seal
PEMGNLW	2.5" GN Tanged Lock Washer
PEMGNSNRH	2.5" GN RH Axle Nut
PEMGNSR	2.5" Seal Retaining Ring
PEMR810X11750	Rotor, .810 x 11.750, 8 Bolt 7" Bolt Center
PEMGNHUB50N475KIT	Hub, 5 x 4-3/4" Steel with Course Studs
PEMGNHUB50N5KIT	Hub, 5 x 5" Steel with Course Studs

Grand National 5 x 5 Rear Hub Kit **NEW!** PEMGNHRK5X5

Rear 5 x 5 hub kit is complete with 24-spline drive flange, bearings, hub seal, wheel studs, and lug nuts.

4.86 Quick-Change Ring-and-Pinion Assembly PEMQC486RPOADED

The most popular quick-change ring-and-pinion gear set. 8620 mild steel, complete with installation kit and pinion nut.

Quick-Change Rear Ends **NEW!**

Manufactured using permanent mold, magnesium/aluminum alloy castings, each rear includes a heat-treated lower shaft, 4.86 ring and pinion, roller pinion nose bearing, and pinion posi nut. Rears listed (unless specified) include steel, .188" wall centerless ground 2.5" GN axle tubes, 5 x 5" 2.5" GN hubs, .810" wide brake rotors and solid axles. Rears with "Max" option include the substitution of a black thermal coated housing, billet rear cover, all REM internals for reduced drag, lightened spool, drilled lower shaft, gun-drilled axles and breather kit.

Part No.	Description
PEMQCNT-486	No Tubes
PEMQCNT-486MAX	No Tubes, Max Option
PEMQCKSTGN-486-60CP	Centered Pinion, 60" Wide
PEMQCKSTGN5-486-20FF	2" Offset Pinion, 60" Wide
PEMQCKSTGN5-486MAX-20FF	2" Offset Pinion, 60" Wide, Max Option
PEMQCKSTGN5-486MAX-60CP	Centered Pinion, 60" Wide, Max Option

Wide 5 Axles **NEW!**

Solid Wide 5 31-spline axles are offered in 29.5" or 32.5" lengths.

Part No.	Description
PEMW529531	29.5" Axle
PEMW532531	32.5" Axle



Spray & Wash Degreaser PJ115-20

Spray & Wash Degreaser can be used on any equipment surface leaving the surface clean and free from oils and dirt. Easy spray-on/rinse-off formula penetrates to dissolve grease, oil, and soil. Safe on all mechanical parts. 15-oz. aerosol can.

Fog Blocker PJ125-4

Specially formulated to prevent fogging on face shields, glasses, or goggles, even under extreme humidity. 4-oz. pump spray bottle.

Foam Air Filter Oil PJ15-20

Engineered to enhance the effectiveness of foam air filters. Easy application. Sold in 13-oz. aerosol can.



9" Ford Assembled Center Sections

Fully assembled 9" Ford center sections are ready to install, complete with new iron case, pinion support, premium bearings, 1310 pinion yoke, solid pinion spacer, and standard ring-and-pinion gears for 31-spline axles.

Ratio	Part No.	Ratio	Part No.
3.70	PEMCSFS37031	5.83	PEMCSFS58331
4.56	PEMCSFS45631	6.00	PEMCSFS60031
5.14	PEMCSFS51431	6.20	PEMCSFS62031
5.29	PEMCSFS52931	6.33	PEMCSFS63331
5.43	PEMCSFS54331	6.50	PEMCSFS65031
5.67	PEMCSFS56731		

* Signifies center section with lightweight ring and pinion.

DAYLube Nano Ceramic Lubricating Grease **NEW!** PEMDAYLUBETUBE16OZ

A must for REM or ISF finished wheel bearings, DAYLube is a high performance lubricant that is engineered to provide exceptional performance, durability and wear resistance. Special Nano Ceramic particles are fabricated over a calcium sulfonate thickener to provide continuous lubrication, while lowering the coefficient of friction at all temperatures. Sold in a 16-oz. tube.



GM 8.5" 10-Bolt Spool **NEW!** PEMFS8530

Steel spool fits all GM 10-bolt rears using 8.5" dia. ring gear and 30-spline axles. Black finished for resistance to corrosion.



GM Slip Yokes **NEW!**

Slip yokes, offered for popular transmissions, are 5-1/2" long.



Part No.	Description
PEM2-3-10431X	GM TH-400/Jerico, 32-Spline, 1310 Series
PEMNT3-3-6081HP	GM TH-350/Powerglide, 27-Spline, 1350 Series

Filter Cleaner PJ115-22

Easy-to-use cleaner is compatible with fabric or foam air filters. Simply spray on and wash off. Sold in 13-oz. aerosol can.

Engine-Prep Assembly Lube PJ1SP701

Special blend of protective lubricants formulated to reduce internal friction. Eliminates damage at initial start-up in new and rebuilt engines. Also great for transmission overhauls and bearing replacements. 11-oz. net wt. can.

Super Cleaner PJ13-20

Degreaser uses powerful solvents to blast grease and grime away. Dries quickly and leaves no residue. Sold in 13-oz. aerosol can.





Steel Racing Spindles

PPM spindles are made from durable DOM (Drawn Over Mandrel) steel. Applications available for most popular racing chassis.



Application	Left Part No.	Right Part No.
GRT/2007-11 Warrior	—	PPMG261
Mastersbilt	—	PPMM261
Mastersbilt Gen X, 3.5" Brake (Superlite) Spacing	PPMMX161	PPMMX261
Rocket (Black)	PPMR161	PPMR261
Rocket (Blue)	—	PPMRB261
Rocket (Grey)	PPMRG161	PPMRG261
Rocket XR1	PPMRX153	PPMRX273
Longhorn	PPML153	PPML273

Lower Control Arms

Precision welded, fabricated, and 100% jig built for accuracy, lower control arms are constructed from .095" or .125" wall seamless DOM (Drawn Over Mandrel) steel. Ball joint must be purchased separately.



Part No.	Length	Ball Joint	Application
PPM16515-S	15"	Screw-In	—
PPM16516-S1PCM	16-5/8"	1-Pc. Screw-In	Mastersbilt
PPM16517-S	17-5/8"	Screw-In	1" Drop
PPM16517-S1PCM	17-5/8"	1-Pc. Screw-In	Mastersbilt, 1" Drop
PPM16517-S1PCRB	17-5/8"	1-Pc. Screw-In	Rocket Blue/Gray
PPM16518-S1PCMX	18"	Screw-In	Mastersbilt GEN-X, LF
PPM16518-S1PCM	18-5/8"	1-Pc. Screw-In	Mastersbilt, 1" Drop
PPM16519-S1PCMX	19"	Screw-In	Mastersbilt GEN-X, RF
PPM16519-S	19"	Screw-In	1" Drop
PPM16519-S1PCR	19"	1-Pc. Screw-In	Rocket, 1" Drop
PPM16519-S1PCRB	19"	1-Pc. Screw-In	Rocket Blue/Gray, 1" Drop
PPM16519-S1PCL	19-1/8"	Screw-In	Longhorn Right Front
PPM16519-S1PCRX	—	Screw-In	Rocket XR1 Right Front
PPM16516-S1PCL	16-5/8"	Screw-In	Longhorn Left Front
PPM16517-S1PCRX	—	Screw-In	Rocket XR1 Left Front

Lower Control Arm Adjuster PPM165ADJ

Adjuster includes 5/8"-18 RH threads on one end, and 5/8"-18 LH threads on the opposite end.



Upper Control Arms

Bolt-in, black powder-coated steel. 1/2" holes on 6" centers with wide spread for extra spring clearance.

Part No.	Description
PPM6085	Upper Control Arm, 8-1/2" Long
PPM6095	Upper Control Arm, 9-1/2" Long



Ball Joint Plate NEW! PPM024BJ

Ideal when repairing or fabricating custom upper control arms, ball joint plate is constructed from rigid 3/16" steel and accepts popular Moog K6024 or K6136 bolt-in ball joints.



Bump Steer Spacer PPM581500-C

1-1/2" x 5/8" I.D.



Billet Aluminum Bird Cages

Bearing bird cages are manufactured from rigid billet aluminum and are fitted with heavy-duty roller bearings. Bolt-together design often allows units to be repaired rather than replaced. Offered for most popular racing chassis, bird cages may be fitted with brake floating option or rotating shock mount. Bird cages are not equipped with caliper brackets.



Part No.	Description
PPM2500B-RKT	Bearing Bird Cage Kit, Pair, Rocket Chassis
PPM2500B-MB	Bearing Bird Cage Kit, Pair, Mastersbilt

Replacement Components and Accessories

PPM2042CW	Steel Clevis, New Wide Style
PPM2042R	Rotating Shock Mount, 3-Position
PPM2042RT	Rotating Shock Mount, 7/16" Bolt Holes
PPM2044	Replacement Bird Cage Bearing
PPM2050	2" Chassis Shock Drop

GM Metric Steel Brake Mount/Floater PPM4025L

Designed for use when GM metric brakes are employed. Fits left side only.



Suspension Limiter NEW! PPM0140

One-piece stud and clevis-based unit installs between the rear end and chassis, eliminating the issues associated with the sudden stop associated with solid, cable, or chain style limiters. Suspension limiter features a corrosion-resistant black powder-coated finish, and allows for different durometer pucks for fine tuning. Sold complete with black (50 durometer/soft) puck



Steel Adjustable J-Bars

PPM J-bars combine the benefits of strength, clearance, and performance. Constructed from durable DOM (Drawn Over Mandrel) steel with tool steel adjusters, J-bars provide pull bar clearance.

Part No.	Description
PPM1720N	20-1/2" (Minimum) Steel Adjustable J-Bar
PPM1725N	21-1/2" (Minimum) Steel Adjustable J-Bar
PPM1730N	23" (Minimum) Steel Adjustable J-Bar



Panhard Bar Pinion Mount PPM0420

Designed for mounting to quick-change rears, pinion mount is manufactured from rigid billet 6061-T6 aluminum and provides easy, 1/2"-increment panhard bar adjustments. Rear slotted mount includes bung, seal, and O-ring.



Part No.	Description
PPM0410	Replacement Rear Slotted Bung

Panhard Mount Brackets

Rigid billet aluminum brackets utilize double radius slots for mounting on center or to the inside of 2x2 mounts. Slots allow movement up or down without adjusting J-bar length.

Part No.	Description
PPM0560-AR	2x2 Double Radius Slot Panhard Mount
PPM0565-AR	2x2 Double Radius Slot Panhard Mount, Rocket Chassis





PPM0250-R

Sixth Coil Mount/Pull Bar

Spring-loaded pull bar assembly is machined from durable, billet 6061 aluminum and is threaded on both ends. Assembly incorporates an oil-impregnated bronze bushing to eliminate bind.

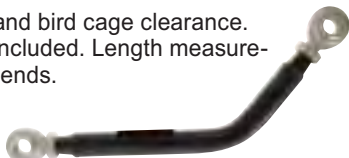
Part No.	Description
PPM0250-R	2-1/2" Sixth Coil Assembly, 1-1/2" Round, without Spring
PPM0270	Left Rear Travel Limiter/6th Coil



Bent 4-Bar Tubes

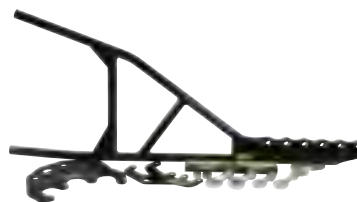
Bent tubes increase traction and bird cage clearance. Heavy-duty 5/8" rod ends are included. Length measurement is center-to-center of rod ends.

Part No.	Description
PPM5813B	13" Bent Tube
PPM5815B	15" Bent Tube



Steel Universal Short Lift Bar Kit PPM8700

Universal, short (39") lift bar kit utilizes rigid DOM steel construction with gusset bracing for added strength and 3/4" threaded ends. Kit includes lift bar, lower mounts, upper mounts, steel clevis, rod ends, and necessary hardware.



Shock Canister Mounts

Clamp-style mount accepts most popular shock absorber canisters. Rubber-lined mount helps prevent scratches or damage.

Part No.	Description
PPM1190	1-1/2" Dia. Mount
PPM1195	1-3/4" Dia. Mount



Ballast Brackets

Circular mounts have hex-head bolts to mount ballast easily and effectively.

Part No.	Description
PPM1105-R	1" Dia. Round Mount
PPM1145-S	1-1/2" Square Mount



High-Performance Aluminum Water Pumps NEW!

Manufactured using polished aluminum alloy pump bodies with CNC-machined impellers, billet steel hubs and shielded-seal roller ball bearings, PRW water pumps offer increased coolant flow, equalized water flow distribution and pressure- balanced water passages to minimize internal engine hot spots.

Part No.	Description
PQX1428910	SB Ford 289-351W, 1965-69
PQX1435013	SB Chevy, 1971-82 Corvette



Sportsman Steel Rocker Arms

Stud-mount rocker arms have rigid 4340 chrome moly steel bodies, longer pivot slots for higher lift camshafts, and roller tips for less friction and improved performance. Sets of 16 include PRW RockerLocs and pivot balls.

Part No.	Application	Ratio	Stud
PQX0830201	SB Ford 289-351W	1.6	3/8"
PQX0835001	SB Chevy 262-400, 1987-00 Self-Aligning	1.5	3/8"
PQX0835002	SB Chevy 262-400, 1987-00 Self-Aligning	1.6	3/8"
PQX0835004*	SB Chevy 262-400, 1955-86	1.6	3/8"
PQX0835005	SB Chevy 305-350, 1987-00	1.6	3/8"
PQX0835018*	SB Chevy 262-400, 1955-86	1.52	3/8"
PQX0835020*	SB Chevy 262-400, 1955-86	1.5	7/16"

*Guide plates required.



Pro Series Aluminum Roller Rocker Arms

Extruded 6061-T6 aluminum roller rockers can accommodate larger valve springs and retainers. Full-cage bearings reduce friction, and the Cr40 steel rollers and shafts offer maximum durability. Must be used with screw-in studs and guide plates. Sets of 16 include locking nuts.

Part No.	Application	Ratio	Stud
PQX0330201*	SB Ford 260-351W, 1962-01	1.6	3/8"
PQX0335101	SB Ford 302-351W, 1978-95, Pedestal Mount	1.6	5/16"
PQX0330205	SB Ford 289-351W	1.6	7/16"
PQX0335009	SB Chevy 262-400, 1955-86	1.5	7/16"
PQX0335012	SB Chevy 262-400, 1955-86	1.6	7/16"
PQX0335001*	SB Chevy 262-400, 1955-86	1.5	3/8"
PQX0335004*	SB Chevy 262-400, 1955-86	1.6	3/8"
PQX0335019	SB Chevy 305-350, 1987-00, Self-Aligning	1.5	3/8"

* Guide plates required.



Pro Series Stainless Steel Roller Rocker Arms

Stud-mount, 15-5ph stainless steel rocker arms resist fatigue and deflection. Cr40 steel nose rollers and shafts are heat-treated and hardened for durability. Full-cage needle bearings and extra-large trunnions spread out the load and reduce wear. Sets of 16 include PRW RockerLocs.

Part No.	Application	Ratio	Stud
PQX0234611	GM LS1/LS2/LS6, 1997-08	1.7	5/16"/3/8"
PQX0234612	GM LS1/LS2/LS6, 1997-08	1.8	5/16"/3/8"
PQX0235001*	SB Chevy 262-400, 1955-86	1.5	3/8"
PQX0235002	SB Chevy 305-350, 1987-00, Self-Aligning	1.5	3/8"
PQX0235005	SB Chevy 305-350, 1987-00, Self-Aligning	1.6	3/8"
PQX0235009	SB Chevy 262-400, 1955-86	1.5	7/16"
PQX0235012	SB Chevy 262-400, 1955-86	1.6	7/16"
PQX0230205	SB Ford 260-351W, 1962-01	1.6	7/16"

*Guide plates required.





Platinum Series Aluminum Shaft Rocker Arm Systems

Systems include 16 CNC-machined billet aluminum rocker arms with cup-style lash adjusters, two durable chrome moly rocker shafts, fasteners, shims and hardware.



Part No.	Application	Ratio
PQX3330201	SB Ford 289-351W	1.6
PQX3335001	SB Chevy 262-400	1.5
PQX3335003	SB Chevy 262-400	1.6
PQX3335013	SB Chevy 262-400, Split Ratio	1.5 Exh./1.6 Int.
PQX3534631	GM LS1/LS2/LS6, Cathedral Port Heads	1.7
PQX3536431	GM LS3/L92, Retangular Port Heads	1.7

Billet Aluminum Stud Girdles **NEW!**

Constructed from blue anodized billet 6062-T6 aluminum, PRW stud girdles offer increased valvetrain stability. Stud girdles add rigidity to the valvetrain, reducing rocker stud flex, while helping to retain critical valve adjustments. Choose from spring-loaded or solid bar designs. Sold in pairs, complete with Rockerlocs.



Part No.	Description
PQX1535000	SB Chevy 262-400, 1955-00, Spring-Loaded, 3/8" Rockerlocs
PQX1535001	SB Chevy 262-400, 1955-00, Spring-Loaded, 7/16" Rockerlocs
PQX1535002	SB Chevy 262-400, 1955-00, Solid Bar, 3/8" Rockerlocs
PQX1530200	SB Ford 260-351W, 1962-01, Solid Bar, 3/8" Rockerlocs
PQX1530201	SB Ford 260-351W, 1962-01, Solid Bar, 7/16" Rockerlocs

GM LS Billet Rocker Arm Pedestal Stands **NEW!**

Billet 7075 aluminum rocker arm pedestal stands increase valvetrain durability and help provide improved RPM capability. Sold per pair.



Part No.	Description
PQX0273461	GM LS1/LS6, 1999-Up
PQX0273641	GM LS3/L92, 1999-Up

GM LS Fulcrum Upgrade Kit **NEW!** PQX1213462

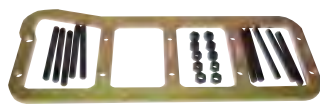
Kit upgrades the stock, GM LS rocker arms into stronger, more capable trunnions. Includes (16) replacement fulcrums, (16) drawn cup bearings, (32) circlips, and (16) pedestal fasteners.



Billet Steel Main Girdles

Steel billet main girdle eliminates stress-induced block flex and main cap walk. Girdle includes high-quality steel studs, spacers, and nuts.

Part No.	Description
PQX0930200	SB Ford 289-302
PQX0935100	SB Ford 351W
PQX0935000	SB Chevy 350



Oil Filler Cap **NEW!** PQX4120453

Billet aluminum modular screw-in style oil cap may be added to virtually any valve cover, requiring just a 1.375" I.D. hole. Silver anodized cap includes O-ring seals.



GM LS Valve Cover Risers **NEW!** PQX4134630

Risers are 1/2" thick, and allow retaining stock height valve covers on 1997-2011 LS series engines when installing roller rocker arms. Sold per pair, complete with silicone gaskets.



Billet Steel Main Caps

These main caps are CNC machined from 1045 low-carbon steel for maximum durability. PRW main caps eliminate main cap walk and reduce main bearing distortion, while stabilizing the entire rotating assembly for increased engine durability.



Part No.	Description
PQX1735001	SB Chevy 305-350, 1967-86, (3) 4-Bolt Replacement/Flat Surface Mount Caps
PQX1735002	SB Chevy 350, 1967-86, (3) 22° Splayed Caps
PQX1735003	SB Chevy 350, 1967-86, (3) 2-Bolt to 4-Bolt Straight Caps
PQX1740002	SB Chevy 400, 1970-80, (3) Splayed Caps

SFI-Approved Chrome Moly Flexplates

Made from high-tensile chrome moly steel, flexplates meet SFI 29.1 specs. Built to withstand the high RPM's of racing, they are .035" thicker than stock versions, and feature double-welded, high-strength ring gears.



Part No.	Description
PQX1835001	SB Chevy 168 Tooth, Internal Balance
PQX1840000	SB Chevy 168 Tooth, External Balance

Crank Adapter Sleeve **NEW!**

Special sleeve installs into the rear of the crankshaft, allowing use of popular GM torque converters/transmissions including Powerglide, TH-350, or TH-400.



Part No.	Description
PQX1800302	SB Ford Engine to GM Converter/Trans.
PQX1800346	GM LS Engine to Older GM Converter/Trans.

Radiator Hose Filler **NEW!** PQX5292202

Cast aluminum filler splices into the upper, 1-1/2" dia. radiator hose for eased coolant filling on applications where the radiator is mounted lower than the manifold outlet. Accepts a standard radiator cap.



Chevy Manifold Filler Neck **NEW!** PQX5292200

Engineered for racing applications where the radiator is mounted lower than the manifold outlet, cast aluminum 90° filler neck bolts directly to the water outlet of Chevy manifolds, allowing the filler neck to be located at the highest point of the cooling system. Filler neck has ports for temperature gauge and water lines. Sold complete with radiator cap flange, gasket, and fasteners.





Mild Steel Driveshafts

Mild steel driveshafts are manufactured from seamless DOM (Drawn Over Mandrel) tubing for a precisely balanced unit. Each driveshaft has a gloss-white painted finish and includes popular 1310 U-joints. Slip yoke must be purchased separately.

Part No.	Length	Part No.	Length	Part No.	Length
2" Dia. Driveshafts		2" Dia. Driveshafts		3" Dia. Driveshafts	
PST200290	29"	PST200360	36"	PST310460	46"
PST200295	29.5"	PST200370	37"	PST310470	47"
PST200300	30"	PST200375	37.5"	PST310480	48"
PST200305	30.5"	PST200380	38"	PST310490	49"
PST200310	31"	PST200385	38.5"	PST310500	50"
PST200315	31.5"	PST200390	39"	PST310510	51"
PST200320	32"	PST200395	39.5"	PST310520	52"
PST200325	32.5"	2-1/2" Dia. Driveshafts		PST310525	52.5"
PST200330	33"	PST250425	42.5"	PST310530	53"
PST200335	33.5"	PST250430	43"	PST310540	54"
PST200340	34"	PST250440	44"	PST310550	55"
PST200345	34.5"	PST250450	45"		
PST200350	35"	PST250460	46"		
PST200355	35.5"				

PST100001



PST100003

Accessories

Part No.	Description
PST100001	Standard 1310 Slip Yoke, 5.5" Long, 27-Spline Powerglide/TH-350
PST100003	Extra Long 1310 Slip Yoke, 7.5" Long, 27-Spline Powerglide/TH-350
PST100004	Standard 1310 Slip Yoke 5.5" Long, 32-Spline TH-400, Jerico
PST100010	Replacement U-Joint, 1310 Series
PST100011	Ford 9" Pinion Yoke, Short, 1310 Series

Aluminum Driveshafts

Made from 3" dia DOM (Drawn Over Mandrel) 6061-T6 aluminum, driveshafts are MIG-welded and precision balanced. Each driveshaft is fitted with premium 1310 U-joints. Offered in a variety of lengths.

Part No.	Length	Part No.	Length	Part No.	Length
PST100355	35.5"	PST100395	39.5"	PST100440	44"
PST100360	36"	PST100400	40"	PST100445	44.5"
PST100370	37"	PST100405	40.5"	PST100455	45.5"
PST100375	37.5"	PST100410	41"	PST100465	46.5"
PST100380	38"	PST100415	41.5"	PST100470	47"
PST100385	38.5"	PST100420	42"	PST100475	47.5"
PST100390	39"	PST100435	43.5"	PST100480	48"

Critical Link Carbon Fiber Driveshafts

Much lighter and safer than aluminum or steel, Critical Link 3-1/4" diameter driveshafts are made with forged 7075 aluminum tube yokes that are bonded to carbon fiber tubing. Each driveshaft is electronically balanced for smooth operation and fitted with premium 1310 series U-joints. Slip yoke must be purchased separately.

Part No.	Length	Part No.	Length
PST302345	34.5"	PST302380	38"
PST302350	35"	PST302385	38.5"
PST302370	37"	PST302390	39"
PST302375	37.5"	PST302395	39.5"



PKP Racewear combines the benefits of safety, comfort, and durability. Manufactured using meta-aramid technology of Kermel FR fibers, Racewear is extremely fire-resistant and permanently non-flammable, which prevents it from washing out in the laundry. Comfortable, soft-to-the-touch fabric is solution-dyed so that color resists fading. Racewear underwear is offered in long-or short-sleeve tops and traditional bottoms in both black or graphite grey. All tops, bottoms, and head socks meet SFI 3.3 requirements.

Racewear Underwear

Color	XX-Small	X-Small	Small	Medium	Large	X-Large	XX-Large	XXX-Large
Long Sleeve Tops								
Black	PXP110	PXP111	PXP112	PXP113	PXP114	PXP115	PXP116	PXP117
Grey	—	—	PXP212	PXP213	PXP214	PXP215	PXP216	—
Long Sleeve Sport Cut Tops								
Black	—	—	PXP18112	PXP18113	PXP18114	PXP18115	PXP18116	—
Short Sleeve Tops								
Black	—	—	—	PXP133	PXP134	PXP135	PXP136	—
Grey	—	—	PXP232	PXP233	PXP234	—	—	—
Bottoms								
Black	PXP120	PXP121	PXP122	PXP123	PXP124	PXP125	PXP126	PXP127
Grey	—	—	PXP222	PXP223	PXP224	PXP225	PXP226	—
Socks - SFI 3.3								
Black	—	—	PXP192	PXP193	PXP194	PXP195	—	—

PXP114



PXP124

PXP234

Racewear Head Socks

Description	Black	Grey
Single Eyeport 1-Layer	PXP1411	PXP2411
Single Eyeport 2-Layer	PXP1421	PXP2421
Dual Eyeport 2-Layer	PXP1422	PXP2422



Double-Layer Racing Gloves

Racing gloves are durable, comfortable, and provide exceptional safety protection. Gloves are constructed using two layers of fire-retardant Carbon-X with genuine leather reinforcements in high-wear areas. Extended-length gauntlet offers protection to wrist and lower arm. Meets SFI 3.3/5 specifications. Black only.



Size	Part No.
Large	PXP584
X-Large	PXP585
XX-Large	PXP586



Double-Layer Racer Bras

Women's bras have a deep "V" neck and racer back, yet are very supportive and comfortable. Offered in tan with white stitching so they don't show through. Meets SFI 3.3 specifications.

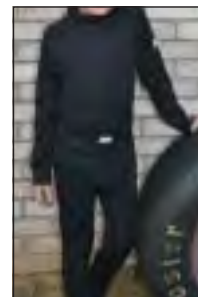
Size	Part No.
Medium	PXP453
X-Large	PXP455



Racewear Youth Underwear

The same fire-resistant, comfortable, and durable Racewear underwear in youth sizing.

Part No.	Description
PXP113Y	Underwear Top, Medium
PXP123Y	Underwear Bottom, Medium
PXP1411Y	Head Sock, Single Eyeport 1-Layer



Fan-Thom Electric Fan Relay Kits

Kit will protect the electric fan and the electrical system. Includes a 30-amp circuit breaker, heavy-duty relay, wiring harness, and terminals. The Fan-Thom Relay is also available with a choice of pre-set thermostatic switches to activate the electric fan automatically.

Part No.	Description
PWI30101	Fan Relay Kit
PWI30102	Fan Relay Kit with 200°F On/185°F Off Thermostatic Activation
PWI30103	Fan Relay Kit with 185°F On/170°F Off Thermostatic Activation



Weatherproof Electric Fan Relay Kits

Relay kit is designed for the harsh conditions common to racing. Kit uses heavy-duty waterproof relays, weatherproof circuit breaker covers, and extreme-condition weatherproof shrinkable crimp-on terminals.

Part No.	Description
PWI30129	Weatherproof Electric Fan Relay with 185°F On/170°F Off Thermostat
PWI30130	Weatherproof Electric Fan Relay Only



Master Disconnect Switch

Required by many tracks and sanctioning bodies, switch allows quick shut-down of all electrical power. Rated at 175 amps continuous duty, and 1,000 amps intermittent duty. Sold with or without mounting panel.

Part No.	Description
PWI50710	Master Disconnect Switch with Mounting Panel
PWI80140	Master Disconnect Switch Only NEW!



Safety Charge Wire Kit PWI30711

Connects alternator charge wire to battery side of remote disconnect to prevent alternator run-on when shut-off is engaged. Includes 25' of 8-gauge wire and connectors.



GM HEI Tachometer Lead Pigtail PWI30813

Pigtail lead wire for GM HEI includes 6' of wire.



Micro Relay with Base and Terminals PWI80136

Single-pole, double-throw relay is sold complete with relay base and necessary terminals.

Note: Normally closed side is rated at 15-amps and normally open side at 25-amps.



Push-Button Switch PWI80503

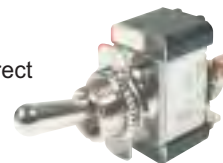
Momentary start switch with rubber button cover.



Heavy-Duty Toggle Switches

Sealed 20-amp switches with rugged, direct mount terminals are built to military specifications. Optional aircraft switch cover prevents accidental activation.

Part No.	Description
PWI80502	Single-Pole/Single-Throw
PWI80514	Double-Pole/Double-Throw
PWI80520	Waterproof Switch Boot Shaft Mounted Toggles with 15/32" Threads
PWI80521	Aircraft Switch Cover



Indicator/Warning Light Assemblies

Light assemblies may be used as indicator or warning lights.

Color	5/16" O.D. Part No.	1/2" O.D. Part No.
Amber	PWI80203	PWI80208
Red	PWI80204	PWI80209
Green	PWI80205	PWI80210
Blue	PWI80206	PWI80211



Fleece Tape and High-Heat Tape **NEW!**

Fleece or high-heat/abrasion-resistant tapes are ideal when bundling wire harnesses, offering protection, while remaining flexible after application. Fleece tape has a temperature rating of -40°F to 221°F, while high-heat/abrasion-resistant tape is rated at -40°F to 302°F. Offered in black only, each roll is 3/4" wide x 25' long.

Part No.	Description
PWI72020	Fleece/Heat Tape Combo Pack
PWI72021	Fleece Tape
PWI72022	Heat/Abrasion Resistant Tape



Self-Sealing Tape **NEW!** PWI72025

Ideal for cleaning up wiring looms, sealing itself near connectors or splices without leaving any residue. Tape is 1" wide x 10' long.





Quick-Connect Terminal Kits

Make quick-connect plugs quickly and easily. Ideal for use with gauge panels, ignition boxes, etc. Each kit includes a male and female connector and the appropriate number of terminals. Accepts 14-20-gauge wire only.

Part No.	Description
PWI40006	2-Wire Kit
PWI40007	3-Wire Kit
PWI40008	4-Wire Kit
PWI40009	6-Wire Kit
PWI40010	9-Wire Kit



Powerbraid Wire Wrap

Laterally split Powerbraid wire wrap cleans up and protects wiring harnesses by enclosing wires without tape or fasteners. Offered in black only.

Part No.	Description
PWI70901	1/4" Dia. x 20'
PWI70902	1/2" Dia. x 10'
PWI70903	3/4" Dia. x 6'
PWI70904	2" Dia. x 4'



Universal Weatherpack Harness **NEW! PWI30121**

Universal, 4-flat wiring harness utilizes premium weatherpack connectors and may be used for a wide variety of functions including switch or gauge panel wiring, etc.



Battery Cable Kit **NEW! PWI40113**

Kit includes heavy-duty, 1-gauge 8' red positive and 3' black negative battery cables. Sold complete with side post adapters, ring terminals, and heat shrink tubing.



Extreme Conditions Wire Stock

Stranded real copper wire includes cross-linked polyethylene insulation for exceptional resistance to abrasion. Sold in 25' or 50' rolls.

Part No.	Wire Size	Color	Length
PWI70690	8 ga.	Red	25 ft.
PWI70700	10 ga.	Red	25 ft.
PWI70701	10 ga.	Black	25 ft.
PWI70800	14 ga.	Red	50 ft.
PWI70801	14 ga.	Black	50 ft.
PWI70804	14 ga.	Green	50 ft.
PWI70806	14 ga.	White	50 ft.
PWI70807	14 ga.	Gray	50 ft.
PWI70811	14 ga.	Brown	50 ft.
PWI70812	14 ga.	Purple	50 ft.
PWI71835	16 ga.	Yellow	25 ft.
PWI70835	16 ga.	Yellow	50 ft.
PWI71869	18 ga.	Yellow	25 ft.
PWI70869	18 ga.	Yellow	50 ft.



PWI70690

100-Amp MIDI Fuse Holder **NEW! PWI80000**

Ideal for protecting high-load circuits, assembly includes mounting base with hardware, cover, and (2) 100 amp MIDI fuses.



TIM CRAIG

KIZZ PHOTOS



NEW VENDOR!

Original Combo **PETORGCOMBO**

Entry-level system removes sweat and odor from racing gear by sending warm air through patented DryPorts. Unit can dry one pair of shoes or gloves, or one helmet at a time and is safe for use on footwear and garments made from virtually any material. Includes the Original Dryer, along with the footwear, glove, and helmet DryPort.



Multi Gear Combo **PETMULTICOMBO**

Suited to racers desiring to dry more gear at the same time, the Multi Dryer sends warm air through four patented DryPorts, drying two items simultaneously. Designed to dry two items overnight, unit, includes a large, sturdy base with a built-in drip tray. Sold complete with (2) pair of footwear DryPorts, (1) pair of glove DryPorts, and (1) helmet DryPort.



Advanced Combo Gear Dryer and Deodorizer

The ultimate race day dryer package, designed to keep race gear free of sweat, moisture and the related odor. Portable system utilizes timed drying and heat control, complete with an LED readout, 240-minute timer, and heat or no heat options. Dry two items at the same time with the mix and match DryPorts. In addition to a helmet dryer, package includes glove and footwear attachments, and the Deodorizer, which eliminates odors through molecular science. System components may also be purchased separately.

Note: System can only accommodate a single helmet unless a second deodorizer unit is purchased, available separately.



Part No.	Description
PETADVCOMBO	Advanced Combo Gear Dryer and Deodorizer
PETGDP-B	Glove Attachment
PETHDP	Helmet Attachment

Deodorizer Unit **PETM1503**

Eliminate race gear odors with the D'Odoriz'r Module, fully compatible with PEET Original, Multi, Advantage, Wader, and Powersport dryers. Module is compatible with virtually any material, and uses molecular science to penetrate and destroy odor and pollution molecules. Using just 4 watts of power, module includes the ability to remove odors in 1-6 hours.





Partial Synthetic High-Performance Oils

Partial synthetic oils offer exceptional film strength, superior sealing, and anti-wear protection. Multi-viscosity grades and synthetic components allow cold starting, quicker engine warm-up and ensure adequate engine protection during competition. Sold in one-quart bottles or cases of 12 quarts.

Description	1-Quart Part No.	1 Case (12) 1-Quart Bottles
5W-30 Racing Oil	BP071096	BP071096-12
10W30 Racing Oil	BP071506	BP071506-12
10W-40 Racing Oil	BP071446	BP071446-12
15W-40 Racing Oil	BP071586	BP071586-12
20W50 Racing Oil	BP071196	BP071196-12



Straight Grade High-Performance Oils

Formulated from Penn-Grade stocks, straight-grade motor oils deliver protection for street or competition engines. Superior film strength, advanced detergent package, foam inhibitors, and increased ZDDP (zinc dialkyldithiophosphate) provide outstanding anti-scuffing and anti-wear protection. Sold in one-quart bottles or cases of 12 quarts.

Description	1-Quart Part No.	1 Case (12) 1-Quart Bottles
30W Racing Oil	BP071396	BP071396-12
40W Racing Oil	BP071406	BP071406-12
50W Racing Oil	BP071156	BP071156-12



Break-In Oil

Mono-grade SAE 30W oil meets the critical lubrication needs of new engines during the "break-in" period with improved lubrication during initial cam/lifter break-in and ring seating. Enhanced levels of ZDDP (zinc dialkyldithiophosphate) provide exception film strength and anti-wear/anti-scuffing protection. Sold in one-quart bottles or cases of 12 quarts.

1-Quart Part No.	1 Case (12) 1-Quart Bottles
BP071206	BP071206-12



PENSKE

RACING SHOCKS

7150 Series Steel Non-Adjustable Shock Absorbers



Approved for use on IMCA Late Models or Modifieds, the 7150 series steel non-adjustable shock absorber is cost-effective, yet uses high-quality damping components to offer consistency, reliability, and virtually unlimited tuning options. Shock includes an electroless nickel-plated body fitted with a .500" chrome plated steel shaft, and is offered with standard Schrader valve or an externally sealed gas valve.

Schrader Valve Part No.	Ext. Sealed Gas Valve Part No.	Compressed Stroke	Extended Length	Compression Length	Valving	Rebound Valving
PENPS-7157-3/3	—	6.75"	12.75"	19.50"	3	3
PENPS-7157-3/7	—	6.75"	12.75"	19.50"	3	3
PENPS-7157-3/8	—	6.75"	12.75"	19.50"	3	8
PENPS-7157-3/10	PENPS-7157-3/10-S	6.75"	12.75"	19.50"	3	10
PENPS-7157-4/4	—	6.75"	12.75"	19.50"	4	4
PENPS-7159-10/2	—	8.75"	15.25"	24.00"	10	2

Full Synthetic 75W-90 Hypoid Gear Lubricant

For manual transmissions and hypoid differentials, 100% synthetic lubricant is used when SAE 75W, SAE 80W-90, or SAE 90W is recommended.

1 Quart Bottle	1 Case (12) 1-Quart Bottles
BP077666	BP077666-12



Limited Slip GL-5 80W-90 Gear Oil NEW! BP077326-12

A specially developed friction modifier lubricant engineered for clutch-type, limited slip differentials that require a SAE GL-5 80W, 90W or 80W-90 lubricant. Ideal for use in Chevrolet Posi-Traction, Ford Traction-Lok, Chrysler Sure Grip, and similar differentials. Offered in cases of 12 quarts only.

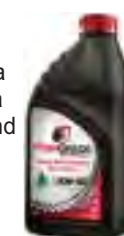


Classic GL-4 80W-90 Gear Oil NEW!

Multi-purpose Classic gear oil is specially blended with high-quality premium mineral base stocks and a proprietary additive package. Lubricant is suited to a wide variety of manual transmissions, transaxles, and differentials.

Note: Not recommended for use in limited slip applications or for applications requiring a API GL-5 lubricant.

Description	1-Quart Part No.	1 Case (12) 1-Quart Bottles
Classic 80W-90 Gear Oil	BP077296	BP077296-12



Shock Bump Rubbers

Manufactured from micro-cell foam with ribbed wall thickness for progressive rate, shock bump rubbers are offered in four different densities, 28, 32, 38, and 47 grams. Bump rubbers are 2.00" O.D. x 2.375" tall x .060" I.D. and may be trimmed, if desired. Sold each.

Part No.	Description
PENBR-28	28 Gram Shock Bump Rubber, Red
PENBR-32	32 Gram Shock Bump Rubber, White
PENBR-38	38 Gram Shock Bump Rubber, Black
PENBR-47	47 Gram Shock Bump Rubber, Blue



Inflation Unit PENTL-INFLATION

Designed for use with Penske 7150 series shock absorbers.



Coil-Over Kits

Coil-over kits are designed for use with Penske 7150 series steel shock absorbers.

Part No.	Description
PENKT-7155CO	5.0" Coil-Over Kit
PENKT-75C07	2.5" Coil-Over Kit
Replacement Component	
PENSR-81250	Coil-Over Spring Seat, 2.5" Dia., Flat Style



Shock Absorber Accessories

Part No.	Description
PENEY-7150-E100	Shock Extension, 1"
PENEY-7150-E200	Shock Extension, 2"
PENIU-04	Valve Core, 2,000 PSI
PENIU-06	Valve Cap, High-Temp, for Schrader Valve Shocks
PENIU-22-S	Schrader Valve
PENOR-2010-B	O-Ring for Schrader Valve
PENOR-2028-B	2-028 O-Ring, Buna N
PENOR-2114-V	2-114 O-Ring, Viton Brown
PENOR-2221-B	2-221 O-Ring, Buna N
PENRR-16	Spirolock Retaining Ring, 1.025" Dia., Stainless
PENSL-06	Shaft Wiper, Polyurethane, .500" Shaft
PENSL-09	Shaft Wiper, Polyurethane, .625" Shaft
PENAS-75THSB-500	7500 Shaft Bearing Assembly, .500" I.D.
PENAS-EY-81160-C	Shock Eyelet with Mono Ball and Retaining Rings
PENAS-THRUST	Preload Torrington Bearing Kit
PENEY-70NA	Eyelet, Non-Adjustable
PENEY-7326HS	Eyelet, High Speed Blow-Off, 2.6"
PENEY-7336HS	Eyelet, High Speed Blow-Off, 3.6"
PENEY-81160-C	Shock Eyelet, without Mono Ball
PENMO-8T-35	Mono Ball, .500" I.D. x 1.00" O.D. x .625" W.
PENOR-2007-B-10	2007 Buna 70 (NE-76) O-Rings, 10-Pack
PENOR-2112-V	2-112 O-Ring, Viton Brown, Each
PENOR-2112-V-10	2-112 O-Rings, Viton Brown, 10-Pack
PENOR-4222-B-10	4-222 Quad Rings, Buna 70, 10-Pack
PENPB-55	Piston Band, 55mm
PENPI-DL005-1DG	Piston, 1" Linear/Digressive

Part No.	Description
PENRH-52250	Pre-Loaded Ring, 206 AP-CQ, 2.5
PENSH-7157-S	Replacement Shaft, 7150 Series, Non-Adjustable, 7" Short (9.82")
PENSH-76A7	Replacement Shaft, 7600 Series, Adjustable, 10.314"
PENSH-76NA9	Replacement Shaft, 7600 Series, Non-Adjustable, 12.17"
PENTL-73W	Ring Nut Wrench, 7300 Bearing
PENVW-105008-10	Washer Shims, 1.050" x .008" x .500" Valve, 10-Pack
PENVW-105010-10	Washer Shims, 1.050" x .010" x .500" Valve, 10-Pack
PENVW-105012-10	Washer Shims, 1.050" x .012" x .500" Valve, 10-Pack
PENVW-120004-10	Washer Shims, 1.200" x .0045" x .500" Valve, 10-Pack
PENVW-120006-10	Washer Shims, 1.200" x .006" x .500" Valve, 10-Pack
PENVW-120008-10	Washer Shims, 1.200" x .008" x .500" Valve, 10-Pack
PENVW-120010-10	Washer Shims, 1.200" x .010" x .500" Valve, 10-Pack
PENVW-120012-10	Washer Shims, 1.200" x .012" x .500" Valve, 10-Pack
PENVW-135004-3N-10	Washer Shims, 1.350" x .004" (3-Notch), 10-Pack
PENVW-135006-1N-10	Washer Shims, 1.350" x .006" (1-Notch), 10-Pack
PENVW-135010-10	Washer Shims, 1.350" x .010" x .500" Valve, 10-Pack
PENVW-135012-10	Washer Shims, 1.350" x .012" x .500" Valve, 10-Pack
PENVW-135012-1200-10	Washer Shims, 1.350" x .012" x 1.200" Ring, 10-Pack
PENVW-135015-10	Washer Shims, 1.350" x .015" x .500" Valve, 10-Pack
PENVW-135020-10	Washer Shims, 1.350" x .020" x .500" Valve, 10-Pack
PENVW-75006-10	Washer Shims, .750" x .006" x .500" Valve, 10-Pack
PENVW-90006-10	Washer Shims, .900" x .006" x .500" Valve, 10-Pack
PENVW-90008-10	Washer Shims, .900" x .008" x .500" Valve, 10-Pack
PENVW-90010-10	Washer Shims, .900" x .010" x .500" Valve, 10-Pack
PENVW-90012-10	Washer Shims, .900" x .012" x .500" Valve, 10-Pack



ZR94 Dirt Late Model Brake Calipers **NEW!**

Designed exclusively to meet the requirements of Dirt Late Models, ZR94 aluminum four-piston brake calipers provide more bite, increased stopping power, improved pedal response, and lower running temperatures, resulting in increased corner speed and quicker lap times. Calipers are designed for use with 11.75" dia. x .810" or 1.25" wide rotors, and feature a corrosion-resistant anodized finish. Calipers require PFR180-028-158-01 brackets and may be used in conjunction with PFR7905-13-25-44 13 compound brake pads. Calipers feature a nickel-plated finish with insulator, unless noted.



Part No.	Application
PFR94-323-290-365-01	Left Front/Leading Caliper
PFR94-323-290-365-02	Right Front/Leading Caliper
PFR94-323-290-365-11	Left Front/Trailing Caliper
PFR94-323-290-365-12	Right Front/Trailing Caliper
PFR94-323-290-365-11A*	Left Front/Trailing Caliper
PFR94-323-290-365-12A*	Right Front/Trailing Caliper
PFR94-323-410-440-01	Left Rear/Leading Caliper
PFR94-323-410-440-02	Right Rear/Leading Caliper
PFR94-323-410-440-11	Left Rear/Trailing Caliper
PFR94-323-410-440-12	Right Rear/Trailing Caliper

*Signifies anodized calipers.



PHIL BOZELL

STEVE DATEMA

ZR94 Super/Pro Late Model Brake Package

The most technologically advanced caliper currently offered to the Late Model market. One-piece billet aluminum four-piston calipers offer increased pedal stiffness, improved response, and less drag. Wide 5 and 5 x 5" compatible, calipers are designed for use with 1.25" thick, 11.75-12.7" diameter discs. Calipers require PFR180-028-158-01 brackets.



Part No.	Application	Piston Size	Rotor Thickness	Seal Kit Part No.
PFR94-323-290-365-01A	Left Rear/Leading Caliper	29.0/36.5mm	1.25"	PFR900-900-100-05
PFR94-323-290-365-02A	Right Rear/Leading Caliper	29.0/36.5mm	1.25"	PFR900-900-100-05
PFR94-323-410-440-11A	Left Front/Trailing Caliper	41.0/44.0mm	1.25"	PFR900-900-100-03
PFR94-323-410-440-12A	Right Front/Trailing Caliper	41.0/44.0mm	1.25"	PFR900-900-100-03

Part No.	Description
PFR180-028-158-01	Caliper Bracket, Front or Rear, Each
PFR195-108-080-15	V3 5x5" 5-Bolt Hub Rotor Hat, Each
PFR195-162-070-15	V3 Wide 5 8-Bolt Hub Rotor Hat, Each
PFR299-32-0040-452	V3 Rotor, 11.75" Dia. x 1.25" Thick, LH
PFR299-32-0040-462	V3 Rotor, 11.75" Dia. x 1.25" Thick, RH

ZR24 Dirt Late Model Brake Package

Save up to 7 lbs. per corner with PFC's new ZR24 brake package. Zero-drag calipers feature a one-piece billet aluminum design with internal crossover tubes and are up to 30% stiffer than comparable units. Zero-failure, V3 rotors include a patented slot pattern and run up to 120° cooler. Calipers require PFR120-109-237-01 brackets.



Part No.	Description
PFR24-284-255-290-01A	Left Side/Leading Caliper
PFR24-284-255-290-02A	Right Side/Leading Caliper
PFR24-284-255-290-11A	Left Side/Trailing Caliper
PFR24-284-255-290-12A	Right Side/Trailing Caliper

Related Components	
PFR120-109-237-01	Caliper Bracket, Front or Rear, Each
PFR195-162-070-15	V3 Wide 5 8-Bolt Hub Rotor Hat, Each
PFR195-218-793-06	V3 Disc Attaching Ring
PFR284-19-0035-452	V3 Rotor, 11.19" Dia. x .750" Thick, RH
PFR284-19-0035-462	V3 Rotor, 11.19" Dia. x .750" Thick, LH

ZR24 Dirt Late Model Brake Caliper Kits

NEW!

Lightweight aluminum four-piston brake calipers are designed to meet the demands of competitive Dirt Late Model racing. Engineered for use with 11.19" dia. x .750" wide rotors, ZR24 calipers are finished with a corrosion-resistant black anodized finish. Each kit includes one pair of calipers, complete with 13 compound race-ready brake pads. Calipers require PFR120-109-237-01 brackets.



Part No.	Description
PFR24-284-255-290-LEAD	Brake Caliper Kit, Leading Mount
PFR24-284-255-290-TRAIL	Brake Caliper Kit, Trailing Mount

RH665 DOT 4 Racing Brake Fluid

Synthetic, RH665 brake fluid meets stringent DOT 4 specifications and has a guaranteed minimum dry boiling point of 617°F.

Description	500 ml Bottle	1 Case (12/500 ml Bottles)
RH665 Brake Fluid	PFR25-0037	PFR25-0038



Late Model/Modified Brake Rotors

These rotors are made from superior alloys to resist cracking. Directional vanes control air flow and increase brake performance and durability. Advanced pattern on slotted rotor enhances pad bite and reduces thermal distortion. All rotors listed are 8-bolt with a 7" bolt circle.



Part No.	Description	PFC Pad Shape
PFR299-20-0045-01*	LH, 11.75" Dia. x .810" Thick	0052/7752/7754
PFR299-20-0045-02*	RH, 11.75" Dia. x .810" Thick	0052/7752/7754
PFR299-32-0040-01	LH, 11.75" Dia. x 1.250" Thick	7736/7751
PFR299-32-0040-02	RH, 11.75" Dia. x 1.250" Thick	7736/7751
PFR299-32-0045-01	LH, Late Model, Includes Bolt Kit	0052/7752/7754
PFR299-32-0045-02	RH, Late Model, Includes Bolt Kit	0052/7752/7754

* Includes rotor bolt kit

DDS Brake Rotors

Designed for Dirt Late Models, DDS brake rotors weigh just 8 lbs., yet are exceptionally durable. Rotors are manufactured from superior alloys to resist cracking and use directional vanes to control air flow, improve braking performance, and aid durability. All rotors listed are 8-bolt with a 7" bolt circle.



Part No.	Description
PFR295-25-0038-01	LH, 11.625" Dia. x 1.10" Thick Rotor
PFR295-25-0038-02	RH, 11.625" Dia. x 1.10" Thick Rotor
PFR299-20-0045-11	LH, 11.75" Dia. x .810" Thick, Non-Slotted
PFR299-20-0045-12	RH, 11.75" Dia. x .810" Thick, Non-Slotted
PFR299-32-0045-11	LH, 11.75" Dia. x 1.25" Thick, Non-Slotted
PFR299-32-0045-12	RH, 11.75" Dia. x 1.25" Thick, Non-Slotted

PFC Racing Compounds

Select the PFC compound listed below that best suits requirements. All sets are completely race-ready pads requiring no bedding. All pads are boxed per axle set, four pads per box. All PFC compounds are painted black.

Compound	Description
01	Pads offer a good initial bite with very little torque rise and temperature increase for improved modulation and superior release. All-purpose pads are suited to a wide variety of applications including road course, oval track, short track, etc.
11	Medium-friction pads deliver the ultimate in control with super disc conditioning. Based on the 01 compound, pads feature improved bite, modulation, and release characteristics. Ideally suited to medium- or low-grip applications including vehicles using ABS.
13	High-friction compound was developed from the 01 compound with increased bite and modulation, while offering superior disc conditioning and release characteristics. Works well with severe braking applications including heavy, fast, or high downforce cars.
14	Lighter, medium distance friction compound combines the benefits of ultimate braking control and superior disc conditioning. Pads offer lower cold bite and reduced wheel lock-up at the end of a stop. Higher thermal stability. Works well with medium- to low-grip venues.
39	Our newest choice for semi-endurance races in GT, TCR, NASCAR, or rally tarmac/gravel, compound offers a high initial bite and the highest average torque of any PFC compound. Release and modulation qualities are exceptional, offering excellent control and avoiding lock-up. A very positive and firm pedal when braking. Compound also offers excellent wear, better than 13, 15 or 333.
97	The most sought-after pad in the dirt market is back and here to stay! Popular for rear applications on dirt for higher horsepower cars. Great modulation cold and hot. Ideal for cars where trail-braking is common. Known for its tendency to "spark" during trail-braking.

Part No.	Compound
Full Size GM	
PFR0052-01-14-44	01
PFR0052-13-14-44	13
PFR0052-97-14-44	97
Intermediate GM Metric	
PFR0154-01-14-44	01
PFR0154-13-14-44	13
PFR0154-11-14-44	11
PFR0154-97-14-44	97 Compound, Race Ready Set
Performance Friction ZR24	
PFR7835-11-18-44	11
PFR7835-13-18-44	13
PFR7835-97-18-44	97
Performance Friction ZR34	
PFR7905-13-25-44	13
PFR7905-39-25-44	39 Compound, Race Ready Set
Performance Friction ZR94	
PFR7934-11-19-44	11
PFR7934-13-19-44	13
PFR7934-39-19-44	39 Compound, Race Ready Set



Part No.	Compound
NASCAR Late Model (Fits Most Full Size GM Aftermarket Aluminum Calipers)	
PFR7803-11-15-44	11
PFR7803-14-15-44*	14
PFR7803-13-15-44	13
PFR7803-39-15-44	39 Compound, Race Ready Set
Wilwood Superlite, Outlaw 3000/4000, Sierra XL	
PFR7751-01-20-44	01
PFR7751-11-20-44	11
PFR7751-13-20-44	13
PFR7751-39-20-44	39 Compound, Race Ready Set
Wilwood Dynalite, Outlaw 2000, Sierra Mini GN	
PFR7752-01-12-44	01
PFR7752-14-12-44	14
Wilwood Dynalite Bridgebolt, Outlaw 2800	
PFR7754-11-16-44	11
PFR7754-97-16-44	14
Wilwood Dynalite Single, Outlaw 1000, Sierra Mini GN	
PFR7757-14-12-44	14



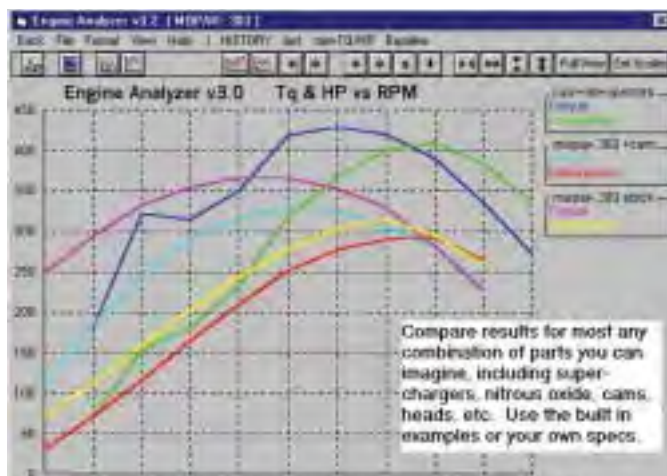
PFC Pad Part Numbering System

WWW-XX-YY-ZZ

PFC Pad Shape Compound Overall Thickness (mm) 04 = Standard Set, 4 Pads
44 = Race Ready, 4 Pads

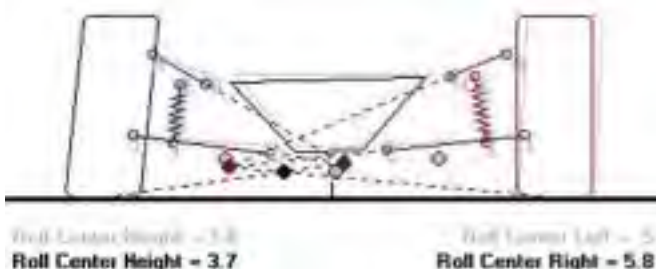
* Pads include slightly more volume and thick, billet plates to eliminate flexing. Fits most aftermarket full-size GM type calipers.

Engine Analyzer **PFTEA34C**



Version 3.4 can simulate, predict, and analyze stock or race engine performance. Change specs for cam, manifold, or headers and see the effects. Engine output is through torque, horsepower, or value plots. Program requires an IBM or compatible computer with Windows XP/Vista/7/8/10.

Roll Center Calculator **PFTRC36C**



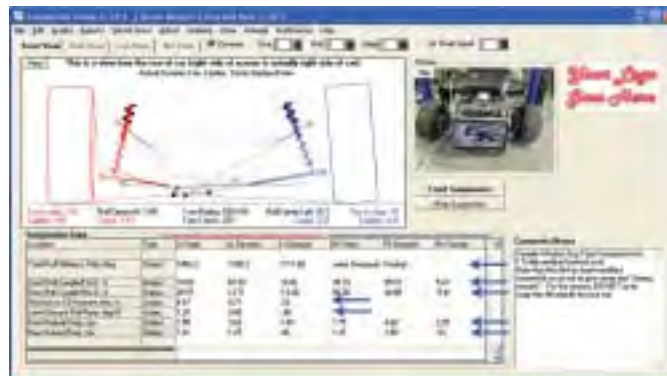
Software version 3.6 program simulates and analyzes double A-arm or McPherson strut style front suspensions for camber gain, roll center, wheel rate, and more. Once car data is entered, the program can calculate instant centers, roll center, king pin angle, wheel rate, scrub radius, and camber gain. Data may then be analyzed and altered for further study and experimentation. Program requires an IBM or compatible computer with Windows XP/Vista/7/8/10.



NICK ALLEN

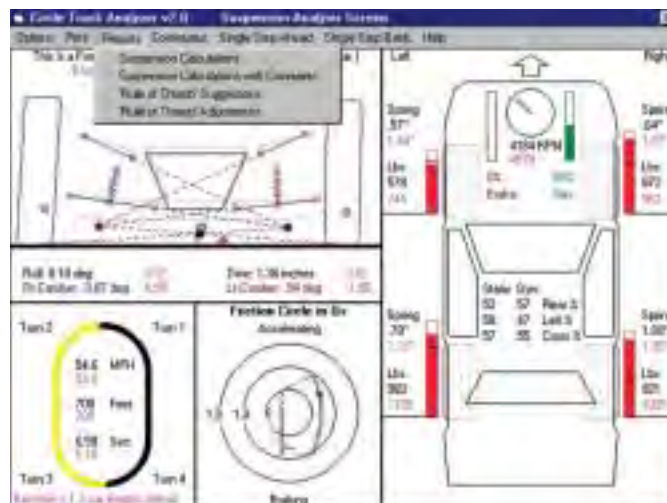
TODD HEALEY

Suspension Analyzer V2.4B **NEW! PFTSA24B**



Software program is engineered for analysis of 3-D double A-arm or McPherson strut suspensions. The full vehicle version combines front and several types of rear suspensions together for a full, "roll couple" analysis with the ability to analyze the front or rear suspension separately for rear roll steer, pinion angle change, anti-squat, etc. Full vehicle version also includes push rod and pull rod springs for double A-arm suspension. Requires an IBM or compatible computer with Windows XP, Vista, Windows 7, Windows 8 or Windows 10.

Circle Track Analyzer **PFTCTA36C**



Version 3.6 computer program simulates, predicts, and analyzes Late Model, Modified, Factory Stock, Mini Stock, etc. oval track applications. Study shocks, springs, and other factors that can affect race car handling and performance. Add rear suspension specs, corner weights, aerodynamics, gear ratios, etc., and drive the "virtual" race car to study and estimate lap times, roll center, camber change, spring motion, etc. as the car goes around the track. Built-in roll center calculator creation of graphs and tables for various combinations. Requires an IBM or compatible computer with Windows XP/Vista/7/8/10.



Turbo Flex Standard Electric Fans

Straight-blade, low-profile fans are mounted within a shroud assembly and are perfect for limited space or auxiliary cooling use. Fans may be mounted on either side of the radiator and set-up in push or pull configuration.

Part No.	Description	Output	Dimensions
PRM19129	9" Dia.	2,390 CFM	9" x 9-1/2" x 2-1/4"
PRM19122	12" Dia.	2,300 CFM	13-3/4" x 12-1/2" x 2-3/4"
PRM19124	14" Dia.	2,450 CFM	15-1/2" x 14" x 3-15/16"
PRM19126	16" Dia.	2,350 CFM	17" x 16" x 3-1/4"

High-Performance Electric Fans

Powerful electric fans can move up to twice as much air as competitive models. Fans pair lightweight aluminum blades with low-RPM, high-torque motors with dual ball bearing armature supports for extended life. Fan assemblies may be used as primary cooling units in push or pull configuration.



Part No.	Description	Output	Dimensions
PRM19112	12" Dia.	3,300 CFM	12-1/2" x 12-1/2" x 3-3/4"
PRM19113	13" Dia.	3,000 CFM	14" x 14" x 3-3/4"
PRM19114	14" Dia.	2,950 CFM	14" x 14" x 3-3/4"
PRM19115	16" Dia.	2,950 CFM	16" x 16" x 3-3/4"

Electric Fan

Installation Accessories

Part No.	Description
PRM18905	Adjustable Wiring Kit, 170°-210°F Adjustable Thermal Switch, Probe (Installs Between Radiator Fins), Wiring, and Connectors
PRM18907	Adjustable Wiring Kit, 170°-210°F Adjustable Thermal Switch, Probe (Installs into Manifold/Cylinder Head), Wiring, and Connectors
PRM19001	Standard Wiring Kit, 170°F Automatic Thermal Switch, Wiring, and Connectors
PRM19007	Standard Wiring Kit, 170°F Threaded Automatic Thermal Switch, Wiring and Connectors
PRM19107	Thermo Switch, 1/2" NPT Thread-In, Activates Fan @ 185°F, Shuts Off @ 165°F. NEW



Maxi-Cool Junior Cooler PRM13511

Heavy-duty Maxi-Cool oil cooler combines a high-efficiency oil cooler with a built-in 10" electric fan for continuous cooling to automatic transmissions or differentials. Oil cooler incorporates Turbulator heat sink inserts in 1/2" aluminum tubes with 3/4" aluminum fins for maximum efficiency, while powerful fan delivers 2,400 CFM of air flow. Cooler is offered with -6AN male or 11/32" hose barb fittings.



Part No.	Description	Output	Dimensions
PRM12511	Maxi-Cool Junior Cooler, 8-Pass, 11/32" Barbed Fittings	2,350 CFM	10" x 12-1/2" x 3"
PRM13211	Maxi-Cool Junior Cooler, 6-Pass, -6AN Male Fittings	2,400 CFM	7-1/2" x 12-1/2" x 3"
PRM13318	Maxi-Cool Dual-Circuit Cooler, 6-Pass, 3/8" Female Fittings	2,350 CFM	10-1/2" x 21" x 4"
PRM13511	Maxi-Cool Junior Cooler, 8-Pass, -6AN Male Fittings	2,350 CFM	10" x 12-1/2" x 3"

Transmission Cooler Installation Accessories

Part No.	Description
PRM104	Metal Mounting Kit, Includes (2) Zinc-Plated Steel Mounting Brackets and Hardware
PRM105	Universal Mounting Kit, Includes (4) Nylon Tie Mounts and Protective Foam Pads



Thin-Line Transmission Cooler Kits

Kits improve performance and extend transmission life. Lightweight, compact 3/4" thick coolers are perfect for limited space. Coolers feature -6AN male fittings and are sold complete with necessary hardware.



Part No.	Description	Dimensions
PRM1021	14,000-16,000 GVW Transmission Cooler Kit	5" x 15-1/2"
PRM1024	22,000-24,000 GVW Transmission Cooler Kit	10" x 15-1/2"
PRM1025	20,000-22,000 GVW Transmission Cooler Kit	10" x 12-1/2"

Note: Hose not included.

Frame Rail Oil Cooler

NEW! PRM1006

Slim-design cooler measures 1-1/2" x 2-1/2" x 18", and is ideally mounted to the frame rail to serve as a transmission cooler. Cooler includes -6AN male port fittings and hose barb adapters, allowing use of standard or AN-style hose. Purchase hose separately.



Power Steering Coolers **NEW!**

Compact oil coolers offer effective power steering fluid cooling, reducing temperatures and the associated foaming, resulting in improved system performance. Coolers include necessary hardware and hose, unless noted.

Part No.	Description
PRM1001	Power Steering Cooler, 1-1/2" x 2-1/2" x 7-1/2", Hose Barb Ends
PRM1009*	Power Steering Cooler, 3/4" x 5" x 7-1/2", -6AN Ends
PRM1210*	Power Steering Cooler, 1-1/2" x 3-1/2" x 12", 3/8" NPT Female Ends
PRM71001	Power Steering Cooler, 1-1/2" x 2-1/2" x 7-1/2", Hose Barb Ends

*Hose not included.



Oil Filter

Relocation Systems **NEW!**

Kit allows relocation of oil filter on applications where access is restricted due to header or oil pan interference, and allows filter to be installed in a more suitable location. Accepts popular Fram PH8A, HP1, or equivalent filters. "Tight Fit" kit includes ports on left and right to increase plumbing options. Includes spin-on adapter, oil filter mounting bracket, 8' of high-temperature/high-pressure hose, and necessary hardware.

Part No.	Description
PRM10611	Standard Relocation Kit, Fits Engine with 3/4"-16 Filter Threads
PRM10691	Tight Fit Relocation Kit, Fits Engines with 3/4"-16 Filter Threads

Bolt-On Remote Oil Filter

Adapter **NEW!** PRM113

Bolt-on adapter installs onto 1956-up Chevy V8, allowing the use of a remote oil cooler or remote oil filter. Adapter includes 1/2" NPT female ports and is sold complete with gasket, O-ring, and hardware.



Remote Oil Filter Mounts **NEW!**

Locate the oil filter remotely to ease service or eliminate the problems associated with header or oil pan interference. Cast aluminum mounts listed that include 3/4"-16 filter threads accept popular Fram PH8A, HP1, or equivalent oil filter. Oil filter adapter, filter, hose, and hardware must be purchased separately.

Part No.	Description
PRM1711	Remote Filter Mount, 3/4"-16 Thread, 1/2" NPT Ports on Right
PRM1794	Remote Filter Mount, 1"-14 Thread, 1/2" NPT Left & Right Ports
PRM1795	Remote Filter Mount, 1"-12 Thread, 1/2" NPT Left & Right Ports
PRM4791	Remote Filter Mount, 3/4"-16 Thread, 1/4" NPT Left & Right Ports



Gasket Makers

Increased use of aluminum, bi-metal alloys, and high-tech plastics has created the need for superior RTV silicone gasket makers. Permatex offers carded tubes or cartridges.

Description	Carded	Carded oz.	Cartridge	Cartridge oz.	Temp. (°F)	Description	Carded	Carded oz.	Cartridge	Cartridge oz.	Temp. (°F)
Ultra Black	PEX82180	3.35	PEX24105	10.6	-65° to 500°	Clear	PEX80050	3	PEX80855	11	-75° to 400°
Ultra Blue No Leak	PEX81724	3.35	—	—	-65° To 500°	Black	PEX81158	3	—	—	-75° to 400°
Ultra Copper Hi-Temp	PEX81878	3	—	—	-75° to 700°	Hi-Temp	PEX81160	3	PEX81409	11	-65° to 650°
Ultra Grey	PEX82194	3.5	PEX82195	13	-65° to 500°	Sensor Safe Hi-Temp	PEX81422	3	—	—	-65° to 650°
Blue Sensor Safe	PEX80022	3	—	—	-65° to 500°						



The Right Stuff Gasket Maker

Repair leaks quickly with The Right Stuff leakproof gasket maker. Used on production lines by GM, Ford, and Chrysler, this product uses the latest in modern rubber gasket technology. Temperature range is -75°F to 450°F.

Part No.	Description
PEX25223	4-oz. Tube, Black
PEX25224	7-oz. Tube, Black
PEX29208	5-oz. Cartridge, Black
PEX33694	10-oz. Tube, Black
PEX34310	10-oz. Tube, Grey
PEX85144	7.5-oz. Powerbead Pressurized Can, Grey

PEX85144



Gear Oil RTV Sealant PEX81182

Specially formulated to withstand harsh gear oil, special silicone has been tested to OEM specifications to ensure complete sealing. Sold in 3-oz. carded tube.

Copper Spray-A-Gasket PEX80697

Sealant helps dissipate heat, improves heat transfer, and prevents gasket burn-out. Seals minor surface imperfections instantly. Ideal for head, exhaust manifold, and carburetor gaskets. Temperature range -50°F to 500°F. Sold in a 12-oz. aerosol can.



High-Performance Thread Sealant PEX56521

Formulated for tapered pipe fittings, sealant replaces PTFE tape or pipe dope. Works well on head bolts (that pass through water jackets), sending units, sensors, fuel fittings, oil and coolant lines, and rear axle fill plugs. 50ml tube.

High-Temperature Thread Sealants

Sealant is used to lock and seal threaded fittings or bolts. Often used on head bolts (that enter water jackets), oil sending units, fuel fittings, rear axle plugs, brake and power steering fittings, etc.

Part No.	Description
PEX59214	6ml Carded Tube
PEX59235	50ml Carded Tube



Thread Sealant

A general-purpose fitting sealant. Remains pliable at high or low temperatures. Effective from -65°F to 300°F.

Part No.	Description
PEX80631	1-oz. Tube
PEX80632	4-oz. Can



PermaShield Fuel-Resistant Gasket Dressing and Flange Sealant NEW! PEX85420

Polyester/urethane-based gasket compound offers superior fluid resistance and can withstand extreme temperature changes without hardening. Product remains tacky, allowing repeated assembly and disassembly of parts. Resists oil, gasoline, ethanol, water, and anti-freeze, and has an operating range of -60° to 500°F. Sold in a 2-oz. carded tube.



Anti-Seize Lubricant

Blend of aluminum, copper, and graphite lubricants prevents galling, corrosion, and seizing for easier disassembly. Works well anywhere, including lubrication of slip-on collectors, adjustable header tubes or any other exhaust tubing for easier disassembly. Effective from -60°F to 1200°F.

Part No.	Description
PEX80078	8-oz. Brush-Top Bottle
PEX81343	1-oz. Carded Tube



Ultra-Slick Engine Assembly Lube PEX81950

Ultra-Slick prevents galling and scuffing during critical initial engine start-up. Superior adhesion qualities meet or exceed stock performance specifications for engine assembly lubricant. Use on bearings, camshafts, lifters, valves, guides, and rocker shaft assemblies. 4-oz. bottle.



Threadlockers

Developed to positively lock and seal threaded fasteners. Threadlockers fill the space between threads on metal parts and then harden for a tough adhesive bond and seal.

Part No.	Description
PEX24200	Medium Strength Blue, Carded 6 ml Tube
PEX24240	Medium Strength Blue, Carded 36 ml Bottle
PEX24250	Medium Strength Blue, 50ml Bottle NEW!
PEX24300	Medium Strength Blue, Carded 10 ml Bottle
PEX27100	High Strength Red, Carded 6 ml Tube
PEX27140	High Strength Red, Carded 36 ml Bottle
PEX27200	Hi-Temp/Hi-Strength Red, Carded 10 ml Bottle



Liquid Electrical Tape PEX85120

Weatherproof protectant, designed to protect wiring and electrical connections, applies as a liquid and dries to a black vinyl polymer that resists moisture, dirt, and chemicals. Brush-top bottle allows application without gaps and access to tight spaces where tape or heat-shrink tubing may be impractical. Sold in a 4-oz. brush-top bottle.



Decal and Adhesive Remover PEX80025

Fast-acting formula removes adhesive residue, decals, stickers, tape, and other sticky substances. Contains no acetone and is safe for virtually any surface including auto paint, bumpers, vinyl, fabric, plastic, windows, etc. 5-oz. aerosol can.



Fast Orange Grease X Mechanic's Laundry Detergent PEX22340

The first professional grade laundry detergent specially formulated to remove 99% of automotive stains and odors. A proprietary soil release/antistatic agent is incorporated to help repel future stains. Product additionally helps keep washer clean from grease and oil. Sold in 40-oz. bottle.



Fast Orange Hand Cleaners

The #1 selling, biodegradable, waterless solvent-free hand cleaner. Contains no harsh chemicals, mineral oils, or ammonia that can irritate cuts and abrasions.



Part No.	Description
PEX25108	Fine Pumice Cleaner, 7.5-oz. Bottle
PEX25219	Low Profile 1-Gallon Bottle with Pump

Spray Nine Cleaner/Degreaser NEW! PEX26832

Spray-on formula helps remove the toughest grease, grime, stains and bacteria without the use of bleach or corrosive chemicals. Trusted by manufacturers, auto technicians and DIY'ers for many years. Sold in 32-oz. bottle.



PermaPoxy PEX84101

Easy-to-use, 2-part epoxy bonds metal, fiberglass, rubber, plastic, etc. Sold in a .84-oz. carded syringe.



Optimum Gasket Makers

The next generation of gasket makers are specially formulated to take sealing and reliability to the next level. Optimum Black offers maximum resistance to oil with high flexibility qualities, desirable where dissimilar metals meet. Optimum Grey is specially-engineered for applications that may be subjected to temperatures up to 700°F. Gasket makers are sensor-safe, low odor, and non-corrosive. Sold in 3.35-oz. tubes.

Part No.	Description
PEX27036	Optimum Grey Gasket Maker
PEX27037	Optimum Black Gasket Maker



Seal + Lock Thread Compound PEX57535

One-of-a-kind product combines the benefits of a thread sealant and thread locker. Hybrid thread compound prevents sealed connections from loosening and locked fittings from leaking. Temperature resistant from -60°F to 300°F. Resists all common fluids and lubricants. Sold in 1.18-oz. carded tube.



Digital HP Ignition

Delivering over 30% more spark energy than the competition, the Digital HP provides multiple sparks all the way to the redline. Ignition is 70% smaller in size than comparable units, and features an integrated 3-step digital rev limiter and adjustable start retard. Billet aluminum-housed unit is compatible with points, electronic ignition, or magnetic pickup distributors. Easy-to-use rotary switches allow simple RPM settings.



Part No.	Description
PRT510	Digital HP Ignition, Black Finish
PRT512	Digital HP Ignition, Silver Finish
PRT520	Digital Mobile HP Ignition, Black NEW!

Flame-Thrower Digital Rev Limiter PRT600

Digital rev limiter is compatible with any 4-, 6-, or 8-cylinder engine using points or original equipment electronic (GM HEI, Ford, Chrysler) or aftermarket inductive ignition systems including the Ignitor and Ignitor II. The unit's small size (2.5" x 3" x 1.4") and four-wire hook-up make it easy to install. Setting is easy with external digital rotary switches (eliminate RPM "chips").



Second Strike PRT500

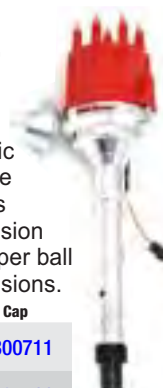
Delivers a powerful second spark throughout the entire RPM range. Micro controller unit supplements most inductive-type (points, GM HEI, Ford TFI and Duraspark, Ignitor and Ignitor II) ignitions to provide increased burn time at high engine speeds for more horsepower and torque. A built-in digital rev limiter provides over-rev protection and is easily adjusted with external rotary switches.



Flame-Thrower Magnetic Trigger Billet Distributors

The perfect companion for Pertronix Digital HP ignition and Flame-Thrower HP coil, magnetic trigger distributor provides exceptionally accurate signalling at both low and high RPM. Distributors feature billet aluminum housings fitted with precision magnetic pickup and reluctor assemblies, an upper ball bearing, and vacuum advance with lockout provisions.

Description	Black Cap	Red Cap
Chevy, Standard Deck Height, Male Cap	PRTD300710	PRTD300711
Chevy, Standard Deck Height, Male Cap, Slip Collar	PRTD305710	PRTD305711
SB Ford 221-302, Male Cap	PRTD330710	—
SB Ford 351W, Male Cap	PRTD331710	—





Flame-Thrower Billet "Plug n Play" Distributors

Affordable performance, ideal replacement for points or stock electronic distributors. Features the patented Ignitor II module, a polished billet 6061-T6 aluminum housing and a tempered .500" dia. shaft. Compatible with multiple spark CD boxes. Available with or without vacuum advance and with choice of male or female-style distributor caps.



Description	Black Cap	Red Cap
Vacuum Advance Distributors		
Chevy, Standard Deck Height, Female Cap	PRTD100700	PRTD100701
Chevy, Standard Deck Height, Male Cap	PRTD100710	PRTD100711
SB Ford 221-302 (Except 5.0L), Female Cap	PRTD130700	PRTD130701
SB Ford 221-302 (Except 5.0L), Male Cap	PRTD130710	PRTD130711
Non-Vacuum Advance Distributors		
Chevy, Standard Deck Height, Female Cap	PRTD100800	PRTD100801
Chevy, Standard Deck Height, Male Cap	PRTD100810	PRTD100811
SB Ford 221-302 (Except 5.0L), Female Cap	PRTD130800	PRTD130801
SB Ford 221-302 (Except 5.0L), Male Cap	—	PRTD130811

Flame-Thrower Billet Distributor Advance Kit PRTD700700

Replacement mechanical advance kit includes spring kit and advance limiters.



"Stock-Look" Cast Distributors

Flame-Thrower "Stock-Look" distributors incorporate all of the features and performance of a high-performance unit but maintain a stock, OEM look. Distributors utilize a lightweight cast aluminum housing, powerful Ignitor or Ignitor II electronics with optimized phasing and tailored advance curve, adjustable vacuum advance, hardened iron gear, and high-quality cap and rotor. Built-in, adjustable rev limiter eliminates the need for separate RPM-limiting controls.

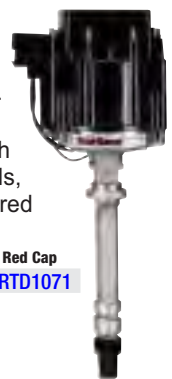
Application	Ignitor Part No.	Ignitor II Part No.
Chevy V-8	PRTD104600	PRTD7104600
SB Ford 221-302	PRTD134600	PRTD7134600



Flame-Thrower Race HEI Distributors

48% more peak current than street/strip distributors, with vacuum lockouts to prevent improper timing changes. High dielectric strength caps with brass terminals, balanced rotors, high-output coils, and modules are included. Offered with black or red distributor caps.

Description	Black Cap	Red Cap
Chevy V-8, All Exc. 348-409, Cast Housing	PRTD1070	PRTD1071



Flame-Thrower GM HEI III "Race Only" Tune-Up Kit **NEW!** PRTD78000

Kit is used to turn a stock Chevrolet HEI distributor into a true performance unit, adding the benefits of multi-spark discharge and an adjustable, digital rev limiter. Kit includes special, HEI III 4-pin module, ignition coil, cap, rotor, coil cover, adjustable vacuum advance lock out, high-performance advance kit, wire harness, and necessary hardware.



Flame-Thrower GM HEI Tune-Up Kits

Kits have everything needed to improve a stock GM HEI distributor. Kits include coil, module, high dielectric strength cap, rotor, coil cover, adjustable vacuum advance, high-performance advance kit, wiring harness, capacitor, and hardware. Cap and rotor kits are also offered.



Description	Black Cap	Red Cap	Blue Cap
Chevy V-8, 4-Pin Module	PRTD8000	PRTD8001	PRTD8002
Cap and Rotor Only Kit, All GM V-8	PRTD4000	PRTD4001	PRTD4002

Flame-Thrower GM HEI III 4-Pin Module PRTD72000

Designed for GM HEI applications using a 4-pin module, unit includes multiple spark output and an integrated digital rev limiter, eliminating the need for a separate ignition box.



GM HEI Distributor Accessories

Pertronix offers a full selection of components to help "wake up" your stock GM HEI distributor.

Part No.	Description
PRTD2070	Race Only HEI 4-Pin Module, 7.2 Amps
PRTD3070	Race Only HEI Ignition Coil, 0.35 Ohms
PRTD9010	Vacuum Advance Lockout, Clockwise Rotation Distributors



Flame Thrower HV 60,000-Volt Coils

Highly efficient, E-core HV (high-voltage) coils deliver a full 60,000 volts. Special heat sink and 6063-T5 aluminum construction allow operation in a wide temperature range without degradation. Offered in two Ohm ranges.



Part No.	Description
PRT60104	.45 Ohms, 4-, 6- or 8-Cylinder Ignitor II or Most CD Ignitions
PRT60130	3.0 Ohms, 4- or 6-Cylinder Ignitor or Points Ignition

Flame-Thrower HP 50,000 Volt Coil PRT60100

The Flame-Thrower HP coil, which includes 0.2 Ohms of primary resistance, combines a highly efficient E-core design with up to 50,000 maximum volts to ensure complete combustion and increased performance. Manufactured from 6063-T5 aluminum with a black finish.



Flame-Thrower Coils

The Flame-Thrower coils produce 40,000 volts and are available in black or chrome. For use with inductive or Ignitor ignition systems.

Part No.	Description
PRT40001	Chrome, Oil Filled, 1.5 Ohms
PRT40011	Black, Oil Filled, 1.5 Ohms
PRT40111	Epoxy (Black), 1.5 Ohms





Quick-Change Crimp Tool Kit PRTT3001

Tool has the ability to crimp the five most common automotive solderless terminals including insulated, non-insulated, D-sub, open barrel, and spark plug terminals. Design allows quickly changing dies without tools. Tool has a rugged carbon steel body with chrome-moly dies, ratchet crimp mechanism, and ergonomic non-slip rubber grips. Sold with plastic storage case.



Spark Plug Wire Stripping Tool **NEW!** PRTT3004

Tool simplifies the process of stripping spark plug wires when build custom fit sets.



Ceramic Spark Plug Boot Kits **NEW!**

Easily installed on any 8 mm spark plug wire set, ceramic boots withstand up to 2,000°F., ideal for plug wires that run close to exhaust headers. Offered in 45°, 90°, or straight versions, each 8-cylinder kit includes pure silicone plug boots, wire bushings, and spark plug terminals.



Description	White	Black
90° Plug Boot Kit	PRT8501HT-8	PRT8561HT-8
Straight Plug Boot Kit	PRT8502HT-8	PRT8562HT-8
45° Plug Boot Kit	PRT8503HT-8	PRT8563HT-8



R4 Series Dry Sump Oil Pumps

Innovative oil pump's four-lobe, aluminum rotor offers superior flow, vacuum, pressure, even at high oil temperatures. Weight has been minimized without compromising strength or durability through the use of billet aluminum and a modular mounting system. Rear drive mounts to all power steering pumps, eliminating adapter rings. All pumps listed are standard pressure.



Part No.	Description
1.200" Scavenge Rotors	
PTR04-3000	3-Stage, Left Side Mount, Single Return, 1.2" Pressure
PTR04-4000	4-Stage, Left Side Mount, Single Return, 1.2" Pressure
PTR04-4020	4-Stage, Right Side Mount, Single Return, 1.2" Pressure
1.400" Scavenge Rotors	
PTR04-3060	3-Stage, Left Side Mount, Single Return, 1.2" Pressure

Description	Gilmer	HTD
SB Chevy Pump Installation Accessories		
Oil Pump Pulley	PTR06-0328 (28T)	PTR06-1333 (33T)
Crankshaft Pulley for Oil Pump Drive	PTR05-0216 (16T)	PTR05-1219 (19T)
Crankshaft Pulley for Water Pump Drive	PTR05-0221 (21T)	PTR05-1225 (25T)
Belt for Oil Pump	PTR05-0908 (24")	PTR05-1904 (632mm)
Bert/Brinn Pump Installation Accessories		
Oil Pump Pulley	PTR06-0332 (32T)	PTR06-1340 (40T)
Belt for Oil Pump	PTR05-0908 (24")	PTR05-1905 (640mm)
Pulley Flanges	PTR05-0632*	PTR05-1640*

* Sold individually, two required.



RICHARD COURSON

KIZZ PHOTOS

R4 Series Bellhousing Mount Dry Sump Oil Pumps

R4 Series dry sump oil pumps bolt directly to a Bert or Brinn bellhousing. Pumps with rear drive accept KSE tandem pumps and Sweet power steering pumps.



Part No.	Description
PTR04-4056*	4-Stage Pump, Rear Drive, High-Pressure
PTR04-5054*	5-Stage Pump, Rear Drive, Std.-Pressure
PTR04-5056*	5-Stage Pump, Rear Drive, High-Pressure
Related Component	
PTR14-3701-001	Mounting Bracket for Bellhousing

* Signifies pump that is supplied with a KRC Rear Drive Adapter. If a KSE pump is being used, the Rear Drive Adapter must be purchased separately; old style KSE pump requires PTR14-2191, while new style KSE Tandem-X pump requires PTR14-2190.

R4 Series Bellhousing Mount Wet Sump Oil Pumps

Engineered to bolt directly to a Bert or Brinn bellhousing, R4 Series wet sump-style oil pumps utilize a patent-pending four-lobe rotor that offers consistent oil pressure and superior flow of over 30 gallons per minute (high-volume model). Ideal for engines with the highest oiling demands.



Part No.	Description
PTR04-1054*	1-Stage Pump, Rear Drive, Standard-Volume
PTR04-1056*	1-Stage Pump, Rear Drive, High-Volume

* Signifies pump that is supplied with a KRC Rear Drive Adapter. If a KSE pump is being used, the Rear Drive Adapter must be purchased separately; old style KSE pump requires PTR14-2191, while new style KSE Tandem-X pump requires PTR14-2190.

R4 Oil Pump Mount Plates

Because gerotor gears minimize vibration, only one billet aluminum plate is needed to mount Peterson R4 dry sump oil pumps.



Part No.	Description
PTR14-3100-001	Mounting Bracket for SB Chevy, Left Side
PTR14-3100-999	Universal, Left Side Mounting Bracket
PTR14-3201-001	Mounting Bracket for SB Ford, Right Side
PTR14-3701-001	Mounting Bracket for Bellhousing

R4 Rear Drive Adapters

Designed for use with R4 oil pumps, adapter allows running a power steering or fuel pump off of the back of the oil pump.

Part No.	Description
PTR14-2190	Fuel Pump Adapter, KSE TandemX
PTR14-2191	KSE Power Steering Pump Adapter
PTR14-2194	Sweet Standard Power Steering Pump
PTR14-2195	Sweet Toyota Power Steering Pump



PTR14-2191

R4 Oil Pump Fittings

Specialized fittings feature a special thread and use a short depth to reduce weight and keep a low profile. Fittings additionally utilize an internally radiused, high-flow design for maximized performance. Sold each.

Part No.	Description
PTR14-0010	-10AN Fitting
PTR14-0012	-12AN Fitting
PTR14-0016	-16AN Fitting
PTR14-0020	-20AN Fitting



R4 Series Oil Pump Seal

PTR14-2502

Replacement PTFE seal for all Peterson R4 series oil pumps.



Remote Relief Valve

Allows oil pressure to be adjusted where rules require that the oil pump be in the stock location. May also be used in dry sump applications to make the pressure regulator more accessible.

Part No.	Description
PTR09-0160	-10AN Fittings
PTR09-0161	-12AN Oil Fittings, -10AN Relief Line Fitting



Gilmer Pulleys

Gilmer Pulleys are CNC-machined from billet aluminum and hardcoated for durability.

Part No.	Description
Crank Driven Pulleys – .560" Wide, 1" Bore, 1/8" Keyway, use with 1/2" Wide Belt	
PTR05-0204	14-Tooth
PTR05-0206	16-Tooth
PTR05-0207	17-Tooth
PTR05-0208	18-Tooth
Crank Driven Pulleys – 1.020" Wide, 1" Bore, 1/8" Keyway, use with 1" Wide Belt	
PTR05-0214	14-Tooth
PTR05-0216	16-Tooth
PTR05-0217	17-Tooth
PTR05-0218	18-Tooth
PTR05-0219	19-Tooth
PTR05-0221	21-Tooth
PTR05-0224	24-Tooth
PTR05-0226	26-Tooth
Oil Pump Pulleys – 1.020" Wide, 5/8" Bore, 3/16" Keyway, use with 1" Wide Belt	
PTR06-0324	24-Tooth
PTR06-0328	28-Tooth
PTR06-0332	32-Tooth
PTR06-0336	36-Tooth
1.250" Spline Drive, 1.020" Wide, 1.881" O.D.	
PTR06-0216	16-Tooth
Water Pump Pulleys – 2" Wide, 5/8"-3/4" Bore	
PTR05-0428	28-Tooth
PTR05-0432	32-Tooth



Gilmer Belts

Gilmer-style (cog) belts are used to drive dry sump oil pumps and other engine accessories.

Part No.	Description
1/2" Wide	
PTR05-0900	210-L-050, 21" Long
PTR05-0903	225-L-050, 22.5" Long
PTR05-0906	240-L-050, 24" Long
PTR05-0909	255-L-050, 25.5" Long
PTR05-0912	270-L-050, 27" Long
PTR05-0915	285-L-050, 28.5" Long
PTR05-0918	300-L-050, 30" Long
PTR05-0924	322-L-050, 32.2" Long
PTR05-0930	315-L-050, 31.5" Long
PTR05-0960	345-L-050, 34.5" Long
3/4" Wide	
PTR05-0901	210-L-075, - 21" Long
PTR05-0904	225-L-075, 22.5" Long
PTR05-0910	255-L-075, - 25.5" Long
PTR05-0916	285-L-075, 28.5" Long
PTR05-0919	300-L-075, - 30" Long
PTR05-0925	322-L-075, - 32.2" Long
1" Wide	
PTR05-0902	210-L-100, 21" Long
PTR05-0905	225-L-100, 22.5" Long
PTR05-0908	240-L-100, 24" Long
PTR05-0911	255-L-100, 25.5" Long
PTR05-0914	270-L-100, 27" Long
PTR05-0917	285-L-100, 28.5" Long
PTR05-0920	300-L-100, 30" Long
PTR05-0926	322-L-100, 32.2" Long



HTD Pulleys

HTD (High Torque Drive) CNC-machined aluminum Pulleys are hard-coat anodized for durability. Pulleys have 8 mm pitch.



Part No.	Description
Crank Driven Pulleys – 1.020" Wide, 1" Bore, 1/8" Keyway	
PTR05-1218	18-Tooth
PTR05-1219	19-Tooth
PTR05-1220	20-Tooth
PTR05-1221	21-Tooth
PTR05-1222	22-Tooth
PTR05-1225	25-Tooth
PTR05-1233	33-Tooth
Oil Pump Pulleys – 1.020" Wide, 5/8" Bore, 3/16" Keyway	
PTR06-1332	32-Tooth
PTR06-1333	33-Tooth
PTR06-1334	34-Tooth
PTR06-1335	35-Tooth
PTR06-1336	36-Tooth
PTR06-1336-W*	36-Tooth
PTR06-1337	37-Tooth
PTR06-1338	38-Tooth
PTR06-1338-W*	38-Tooth
PTR06-1340	40-Tooth
PTR06-1340-W*	40-Tooth
PTR06-1344	44-Tooth
PTR06-1349	49-Tooth
Water Pump Pulleys – 2" Wide, 5/8"-3/4" Bore	
PTR05-1435	35-Tooth
PTR05-1437	37-Tooth
Splined Pulley – 1" Wide	
PTR06-1218	18-Tooth
PTR06-1225	25-Tooth

* 30 mm (1.259" Wide) Pulley

HTD Belts

HTD (High Torque Drive) have round teeth for deeper pulley engagement, making them capable of withstanding more load in severe applications.

Part No.	Description	Part No.	Description
20 mm Wide - 8 mm Pitch		30 mm Wide - 8 mm Pitch	
PTR05-1900	480 mm	PTR05-1931	536 mm
PTR05-1901	536 mm	PTR05-1933	600 mm
PTR05-1902	560 mm	PTR05-1938	624 mm
PTR05-1913	592 mm	PTR05-1937	632 mm
PTR05-1903	600 mm	PTR05-1935	640 mm
PTR05-1911	608 mm	PTR05-1939	656 mm
PTR05-1908	624 mm		
PTR05-1904	632 mm		
PTR05-1905	640 mm		
PTR05-1909	656 mm		
PTR05-1910	680 mm		
PTR05-1906	720 mm		
PTR05-1912	760 mm		
PTR05-1907	800 mm		
PTR05-1914	840 mm		



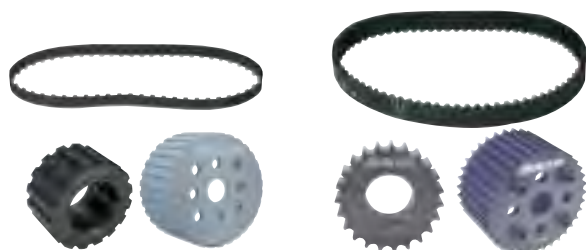
Pulley Flanges

Anodized aluminum billet flanges press into the pulley and act as belt guides. Flanges fit Peterson pulleys, but may not fit pulleys manufactured by other companies. Sold individually.

Part No.	Description
PTR05-0628	Fits 05-0328, 05-1334, 05-1335 Pulleys
PTR05-0632	Fits 05-0332, 06-0332 Pulley
PTR05-0636	Fits 05-0336, 06-0336 Pulley
PTR05-1632	Fits 05-1332, 06-1332 Pulley
PTR05-1633	Fits 05-1333, 06-1333 Pulley
PTR05-1636	Fits 05-1336, 06-1336 Pulley
PTR05-1637	Fits 05-1337, 06-1337 Pulley
PTR05-1638	Fits 05-1338, 06-1338 Pulley
PTR05-1640	Fits 05-1340, 06-1340 Pulley
PTR05-1644	Fits 05-1344, 06-1344 Pulley



Small Block Chevy Water Pump Drive Kits



Peterson offers water pump drive kits for small block Chevy in both Gilmer and HTD versions. Each kit comes complete with crankshaft and water pump pulleys, and drive belt. Kits are offered in several water pump speed percentage reductions.

Part No.	Description
Gilmer Belt Drives	
7% Reduction 240-L-100 Belt	
PTR05-0428	Water Pump Pulley, 28T
PTR05-0226	Crank Pulley, 26T
30% Reduction 240-L-100 Belt	
PTR05-0432	Water Pump Pulley, 32T
PTR05-0221	Crank Pulley, 21T
40% Reduction 225-L-100 Belt	
PTR05-0428	Water Pump Pulley, 28T
PTR05-0217	Crank Pulley, 17T
HTD Belt Drives	
10% Reduction 640-8m-20 Belt	
PTR05-1437	Water Pump Pulley, 37T
PTR05-1233	Crank Pulley, 33T
29% Reduction 600-8m-20 Belt	
PTR05-1435	Water Pump Pulley, 35T
PTR05-1225	Crank Pulley, 25T

Oil Pump Drive Mandrels and Bolts

Stress-proof steel mandrels provide the precision and dependability that racers demand. Mandrel bolts are grade 8 and include L-9 washers.



Part No.	Description	Part No.	Description
Steel Mandrels		Mandrel Bolts	
PTR05-0702	SBC 2.400" Long	PTR05-0751	7/16"-20 X 3-1/2"
PTR05-0703	SBC 3.250" Long	PTR05-0752	7/16"-20 X 5"
PTR05-0704	SBC 5.000" Long	PTR05-0753	7/16"-20 X 6"
Aluminum Mandrels		PTR05-0754	7/16"-20 X 8"
PTR05-0707	SBC 3.250" Long	Keys	
		PTR05-0297	Key Stock 1/8" x 1.870" 2 pk.
		PTR05-0299	Key Stock 1/8" x 6" 2 pk.
		PTR05-0399	Key for Pump Pulleys 3/16" x 1.500"

Spline Drive Accessories



Part No.	Description
PTR06-0730	Drive Washer Cap with Nut, 2.250" Tall
PTR06-0735	Spline Guide Washer, 2.750" O.D. x 1.250" Spline I.D. NEW!
PTR06-0744	Spline Mandrel Spacer, 1.500" O.D. x 1.000" Tall
PTR06-0746	Spline Mandrel Spacer, 1.500" O.D. x 1.250" Tall NEW!
PTR06-4113	SB Ford 3-Bolt Spline Drive Hub, for ATI Balancer and MSD Crank Trigger

Drive Pulley Guide and Step Washers

Peterson drive pulley guides and step washers are machined from 6061-T6 aluminum and are a must for proper belt alignment.

Part No.	Description
PTR05-0730	Step Washer, 2-1/2" O.D. with 7/16" Bolt Hole
PTR05-0731	Step Washer, 2-1/2" O.D. with 1/2" Bolt Hole
PTR05-0735	Guide Washer, 2-3/4" O.D. with 1" I.D. Hole, .125" Thick
PTR05-0736	Guide Washer, 3-1/4" O.D. with 1" I.D. Hole, .125" Thick
PTR05-0737	Guide Washer, 3-1/2" O.D. with 1" I.D. Hole, .125" Thick

Mandrel Spacers

Peterson mandrel spacers are available in thicknesses from .250" to 1.250" and properly space/align the mandrel pulley pack. Spacers are machined from 6061-T6 aluminum and can be easily modified to accommodate non-standard sizes.

Part No.	Description
PTR05-0740	0.250" Thick
PTR05-0741	0.375" Thick
PTR05-0742	0.500" Thick
PTR05-0743	0.750" Thick
PTR05-0744	1.000" Thick
PTR05-0746	1.250" Thick



AUSTIN MAYNARD

KIZZ PHOTOS

400 Series Inline Oil Filters

Inline oil filters have 25% more filter area than similar units and are available in 60, 75, and 100-micron configurations for engine oil. 2-1/2" filter bodies are hard anodized. Filter mounting brackets are sold separately.



Part No.	Description
Inline Oil Filters	
PTR09-0438	-12AN Filter, 75-Micron Element, without Bypass
PTR09-0439	-16AN Filter, 75-Micron Element, without Bypass
PTR09-0452	-12AN Filter, 60-Micron Element, with Bypass
PTR09-0453	-16AN Filter, 60-Micron Elements, with Bypass
PTR09-0457	-10AN Filter, 60-Micron Element, without Bypass
PTR09-0458	-12AN Filter, 60-Micron Element, without Bypass
PTR09-1438	-12AN Filter, 100-Micron Element, without Bypass
Filter Mounting Brackets (Sold in Pairs)	
PTR09-0492	Filter Mount Bracket, Fits 1-1/2" Dia. Tubing
PTR09-0493	Filter Mount Bracket, Fits 1-3/4" Dia. Tubing
PTR09-0494	Filter Mount Bracket, Firewall Mount
Replacement Element	
PTR09-0440	75-Micron Element, -8, -10, -12, -16AN Filters, Gold/Blue Endcaps
PTR09-0460	60-Micron Element, -8, -10, -12, -16AN Filters, Gold/Blue Endcaps

600 Series Inline Fuel Filter

Compact billet aluminum fuel filters are just 5" long x 2" diameter and include an integral ball valve in the inlet cap. Anodized for corrosion resistance, filters include cleanable, 100-micron stainless steel elements.



Part No.	Description
PTR09-0625	600 Series Fuel Filter, -8AN Ports
PTR09-0626	600 Series Fuel Filter, -10AN Ports

Scavenge Filters

Peterson's aluminum billet inline filters remove harmful debris from the oil before it reaches the pump. The free-flowing units have twice the filter area of dry sump pan screens.



Part No.	Description
Inline Scavenge Filters	
PTR09-0401	-8AN, use on Lifter Valley Scavenge or with Rear End Pumps
PTR09-0402	-10AN, use with Dry Sump Pan or Lifter Valley Scavenge Lines
PTR09-0403	-12AN, use with Dry Sump Pan Lines
PTR09-0405	-16AN
Inline 90° Scavenge Filters	
PTR09-0406	-8AN, use on Lifter Valley Scavenge or with Rear End Pumps
PTR09-0407	-10AN, use with Dry Sump Pan or Lifter Valley Scavenge Lines
PTR09-0408	-12AN, use on Dry Sump Pan
PTR09-0409	-16AN, 90°
Replacement Screens	
PTR09-0410	Fits PTR09-0402, PTR09-0403, PTR09-0407, PTR09-0408
PTR09-0411	Fits PTR09-0401, PTR09-0406

Dry Sump Pan Filters

Aluminum billet filter bolts directly to the pan fittings and provides an accessible screen to protect valuable dry sump pump from ingesting internal engine debris. Screen can easily be inspected without removing pan. 2-1/4" long body.



Part No.	Description
PTR09-0404	Filter with -12AN fitting
PTR09-0411	Replacement Screen

Large-Diameter Remote Filter Mount

Remote filter mount is CNC-machined from strong, lightweight aircraft aluminum. Mount has two -12AN inlet ports and one -12AN outlet port. Mounts include two AN adapter fittings and two solid plugs. Used with Fram HP6 filter.



Part No.	Description
1-1/2"-12 Threads	
PTR09-1351	-10AN Fittings
PTR09-1352	-12AN Fittings
Accessory Components	
PTR08-0501	-10AN x -12AN Port Fitting
PTR08-0502	-12AN x -12AN Port Fitting
PTR08-0505	-12AN Port Plug - Solid
PTR15-1010	-12AN Port Plug x 5/8"-18 Temp. Port



Remote Oil Filter Mounts

Manufactured from billet 6061-T6 aluminum for rigidity, remote mounts are offered to accept popular oil filters. Mounts include -12AN inlet and outlet ports, and 1/8" NPT gauge port. Sold complete with fittings.

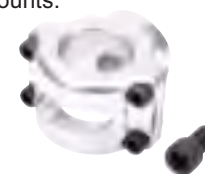


Part No.	Description
PTR09-1301	Firewall Mount, Accepts 13/16" Thread Chevrolet Filter, -10AN Fittings
PTR09-1302	Firewall Mount, Accepts 13/16" Thread Chevrolet Filter, -12AN Fittings
PTR09-1312	Firewall Mount, Accepts 3/4" Thread Ford Filter, -12AN Fittings

Mounting Brackets

Brackets fit large dia. or remote oil filter mounts.

Part No.	Description
PTR09-1584	Small Firewall
PTR09-1590	1-1/4" Dia. Tube
PTR09-1592	1-1/2" Dia. Tube
PTR09-1593	1-3/4" Dia. Tube
PTR09-1594	Large Firewall



Remote Filter Mount with Primer Pump

Reduce premature engine wear by priming the engine before starting. Billet aluminum remote filter mount has a small pump that can provide 20 PSI in as little as 10 seconds using a standard 3/8" drill. Remote filter mounts are offered to accept 1-1/2"-12 and Chevy 13/16" thread oil filters and include AN fittings. Mounting brackets are available in tube or flange mount versions, and must be purchased separately.



Part No.	Description
Large Filter Mounts with Primer (Accepts 1-1/2" Thread Oil Filters)	
PTR09-1560	Large Filter Mount, -10AN Fittings, Left Side Primer Inlet
PTR09-1561	Large Filter Mount, -12AN Fittings, Left Side Primer Inlet
Small Filter Mounts with Primer (Accepts Chevy 13/16" Filters)	
PTR09-1501	Small Filter Mount, -10AN Fittings, Left to Right
PTR09-1502	Small Filter Mount, -12AN Fittings, Left to Right
PTR09-1503	Small Filter Mount, -10AN Fittings, Right to Left
PTR09-1504	Small Filter Mount, -12AN Fittings, Right to Left
Mounting Brackets	
PTR09-1584	Small Firewall
PTR09-1590	1-1/4" Dia. Tube
PTR09-1592	1-1/2" Dia. Tube
PTR09-1593	1-3/4" Dia. Tube
PTR09-1594	Large Firewall

Dry Sump Oil Tanks

"New Generation" oil tanks are built with state-of-the-art components and internal baffling, which prevents oil aeration while helping to maintain a tall column of oil over the pick-up. Easily disassembled and tops can be rotated for easy placement of fittings. Brackets sold separately.

Part No.	Description
PTR08-0005*	2 Gal. Single Scavenge Inlet, 19.5" Ht. x 6" Dia.
PTR08-0007*	2.5 Gal. Single Scavenge Inlet, 24" Ht. x 6" Dia.
PTR08-0008*	2.5 Gal. Dual Scavenge Inlet, 24" Ht. x 6" Dia.
PTR08-0009†	3 Gal. Single Scavenge Inlet, 16" Ht. x 9" Dia.
PTR08-0010†	3 Gal. Dual Scavenge Inlet, 16" Ht. x 9" Dia.
PTR08-0011†	4 Gal. Single Scavenge Inlet, 19" Ht. x 9" Dia.
PTR08-0013	5 Gal. Single Scavenge Inlet, 22" Ht. x 9" Dia. NEW!
PTR08-0014	5 Gal. Dual Scavenge Inlet, 22" Ht. x 9" Dia. NEW!
PTR08-0025*	Similar to PTR08-0005 with -12AN Male Fittings
PTR08-0110	Replacement O-Ring for 6" Dia. Tanks
PTR08-0112	Replacement Viton O-Ring for 9" Dia. Tanks

* Use Mount Bracket **PTR08-0100**.

† Use Mount Bracket **PTR08-0101**.

Dirt Late Model Tank

Fully redesigned tank is engineered specifically for Dirt Late Models, incorporating a high-flow return filter located at the bottom of the cap to allow quick filter access. Tank includes an oil level dipstick and high-flow return fittings that eliminate back pressure in the return lines. Easily adapted to an existing system, tanks are offered in 4- or 5-gallon versions, and include full baffling and a no-mess breather design for maximum oil system efficiency. Includes -16AN fittings

Part No.	Description
PTR08-9016†	4-Gallon Dry Sump Tank with Filter
PTR08-9018†	5-Gallon Dry Sump Tank with Filter
PTR19-5100	Replacement Filter

† Use Mount Bracket **PTR08-0101**.

Dry Sump Oil Tank Mounting Brackets

Mounting brackets are machined from billet aluminum and include EPDM rubber-lined stainless steel straps. Sold in pairs.

Part No.	Description
PTR08-0100	For 6" Dia. Tanks
PTR08-0101	For 9" Dia. Tanks
PTR08-0106	Dirt Late Model Style, use on PTR08-9016, Clamps to 1-1/2" Dia. Tubing

Lightweight Cap and Bung Assemblies

Billet aluminum cap and bung assemblies are useful when fabricating custom tanks. Cap is anodized black.

Part No.	Description
PTR08-0611	Cap and Bung Assembly, 1-7/16" Dia.
PTR08-0621	Cap and Bung Assembly, 3" Dia.

Dry Sump Tank Fittings

Anodized aluminum fittings complete the installation of any Peterson dry sump tank.

Part No.	Description
PTR08-0501	-10AN Hose x -12AN Port
PTR08-0502	-12AN Hose x -12AN Port
PTR08-0503	-16AN Hose x -12AN Port
PTR08-0504	-6AN Port Plug (Tank Drain)
PTR08-0505	-12AN Port Plug (Tank Drain)
PTR08-0506	O-Ring Kit, -12AN (5 Per Pack)

Remote Breather Cans

Aluminum cans have internal baffling to prevent foaming and overflow from the dry sump tank. Mounting clamp is included.

Part No.	Description
PTR08-0400	Spun Aluminum Tank, (2) -12AN Female Ports, and (1) Drain Plug
PTR08-0410	Spun Aluminum 3" Dia. Tank, Designed to Breathe Oil Tank and Rear End, (1) -12AN Male Fitting, (1) -8AN Male Fitting, and Quick Drain Valve

Oil Tank Heaters

Pre-heating of dry or wet sump systems on a race engine ensures increased horsepower and good lubrication upon initial start-up. Immersion-style heater does a great job of pre-heating and only requires welding a threaded bung into the tank. Wraparound styles can be glued to the outside of the tank or pan.

Part No.	Description
PTR08-0300	300-Watt Immersion Style 110-Volt with Detachable Cord Set, Steel and Aluminum 1/2" NPT Weld Bungs
PTR08-0301	300-Watt Wrap Around Pad, 2" x 15", 110 Volt with Detachable Cord Set, Attaches with Hi-Temp RTV Silicone
PTR08-0302	400-Watt Wrap Around Pad, 4" x 10", 110 Volt with Detachable Cord Set, Attaches with Hi-Temp RTV Silicone
PTR08-0310	Replacement Cord for PTR08-1300
PTR08-1300	300-Watt Immersion Style 220-Volt with Detachable Cord Set, Steel and Aluminum 1/2" NPT Weld Bungs

One-Way Valve Pop Off PTR08-0450

Breather assembly is installed in valve cover on engine's running crankcase in vacuum condition. Valve seals engine from air entering engine, but opens in the event of crankcase pressure, allowing crankcase to vent. Includes -12AN bung to weld to aluminum valve cover.

Screw-In Breather PTR08-0415

Internally baffled breather has -12AN male threads to fit bung on Peterson dry sump tanks. May also be used on valve covers.

Oil Pressure Gauge Fittings

Special fittings, designed by Karl Kinser, gets the oil pressure gauge line up where it is more accessible. Fitting is 1/8" NPT on engine end, while the gauge connection is -4AN.

Part No.	Description
PTR15-1040	Oil Pressure Gauge Fitting, 90°
PTR15-1041	Oil Pressure Gauge Fitting, Straight

Oil Filter Block Off Plates

Oil filter block-off plates facilitate the installation of wet and dry sump oil pressure lines to the stock oil filter pad. Plates are made from aluminum billet and include mounting hardware.

Part No.	Description
PTR09-0002	Early Chevy V-8, -12AN Fitting with (1) 3/8"-16 Bolt Mount
PTR09-0004	Chevy Bow Tie Block, -12AN Fitting with (2) 5/16"-18 Bolts Mount
PTR09-0011	Ford V-8 with -12AN Fitting
PTR09-0020	Replacement Square O-Ring for PTR09-0004

Adjustable Vacuum Regulator PTR08-0455

Billet aluminum adjustable vacuum regulator assists in maintaining optimal crankcase vacuum, which helps maximize ring seal and engine performance. Adjustable from 2-29.7 in/hg.



SB Chevy Manifold End Rail Spacers

Fill the gap between the manifold and the lifter valley end rails when using raised port cylinder heads on small block Chevy engines. Sold in pairs, Spacers include four 3/16" roll pins for retention. Drilling of the block is required for installation.



Part No.	Description
PTR09-1060	Spacer Set, .125" Thick
PTR09-1061	Spacer Set, .187" Thick
PTR09-1062	Spacer Set, .250" Thick
PTR09-1063	Spacer Set, .375" Thick

Swivel Water Necks

Necks swivel 360° for exact hose alignment. Viton Seals are used internally and an O-ring seal is provided on the flange. Must use a spacer with thermostat.



Part No.	Description
PTR10-2116	-16AN Water Neck
PTR10-2120	-20AN Water Neck
Rebuild Kits	
PTR10-2221	Rebuild Kit for -20AN Water Neck

Water Neck Riser Block

Peterson's riser blocks are available with two AN ports to accommodate circulation of the water to the cylinder heads via -6AN or -8AN lines. A model with a water temperature sender port is also available. An O-ring seal is provided on the flange.



Part No.	Description
PTR10-2250	1" Thick Plain Riser, Accepts Thermostat
PTR10-2251	1" Thick Riser, Two -6AN Ports
PTR10-2252	1" Thick Riser, Two -6AN Ports with Water Temp. Sender Port
PTR10-2256	1-1/4" Thick Riser, Two -8AN Ports

Y-Manifolds



[PTR10-0070](#)



[PTR10-1725](#)

When multiple oil lines need to be combined into a single high-flow line, tubular or billet aluminum Y-manifolds get the job done.

Part No.	Description
PTR10-0070	Billet Aluminum Y-Manifold, -10 x -8AN x -8AN x -8AN
PTR10-1712	Aluminum Tube Y-Manifold, -12 Female, -12 Male, -12 Male
PTR10-1721	Aluminum Tube Y-Manifold, -12, -12, -12
PTR10-1725	Aluminum Tube Y-Manifold, -16, -12, -12

In-Line Temp Port Assembly

In-line temperature sender fitting assembly has a standard 5/8"-18 threaded port for a temperature probe.



Part No.	Description
PTR09-1940	-10AN Nose x -10AN Nose
PTR09-1960	-12AN Nose x -12AN Nose

Inline Ball Valve [PTR09-0920](#)

Inline ball shut-off valve is manufactured from premium billet aluminum and is fitted with a hard-coated aluminum ball and PTFE seals. Valve includes -8AN inlet and outlet ports.



GM LS7 Oil Pan Adapter [PTR15-5001](#)

Special adapter allows converting to AN fittings for compatibility with an aftermarket tank. Billet aluminum adapter includes -12AN ports, factory seals on pan side, and necessary fasteners. Port fittings must be purchased separately.



PTFE Engine Seals

Hard-to-find PTFE engine seals assure maximum vacuum levels for engines with dry sump oil systems. Seals are manufactured by TKO Competition Development.



Part No.	Description
PTRSM85338	Front Crank Seal, SB Ford 302-351W
PTRSM85742	Rear Main Seal, SB Ford 351W with 302 Crankshaft
PTRSM86410	Rear Main Seal, SB Chevy 400
PTRSM86586	Jesol Front Cover, Chevy Cam Seal
PTRSM86587	Jesol Front Cover, SB Chevy Crank Seal
PTRSM86625	Rear Main Seal, SB Chevy 350
PTRSM86990	Front Crank Seal, SB Chevy

Fuel Pressure Regulator Fittings

Machined from aluminum, anodized fittings have large bores and are radiused on the inlet sides for optimum flow.



Part No.	Description
PTR15-1002	Fuel Regulator -10AN x -8 Port
PTR15-1004	Fuel Regulator -8AN x -8 Port

Oil Inlet Fittings

Fitting installation allows oil input at the front of the block over the water pump on small block Chebys. Manufactured from CNC-machined billet aluminum.



Part No.	Description
PTR15-1080	-10AN Ports, 3.250" Long x .850" Width x 1.000" Hex Flats
PTR15-1082	-10AN Ports, 3.250" Long x .850" Width x 1.062" Hex Flats NEW!



Patented Tools For The Perfect Brake Job

MaxProHD Secret Weapon Combo Kit PHS2001HD-B

Everything required to test and bleed brakes. All-in-one kit includes the MaxPro reverse brake and clutch bleeder, BrakeStrip brake fluid test with 100 test strips and BrakeFree, the specialty tool that removes stuck bleeder screws.



MaxProHD Reverse Brake and Clutch Bleeder PHS2002HD-B

New and improved, the MaxProHD Reverse Brake Bleeder allows performing one-person brake services. System functions by removing trapped air in the brake system by pushing it up and out the master cylinder for a firm pedal. Die-cast steel and aluminum-bodied unit features an improved check valve system and spring tension adjustment, while optimized hydraulic ratios provide smooth operation with minimal hand force. Sold complete with required tubing, adapters, and users manual.



V12 Reverse Brake and Clutch Bleeder PHS2003-B

The V12 reverse brake bleeding system is designed for light-duty professional use. Reverse brake bleeder is manufactured from Zytel nylon that rivals the strength of steel. Rebuildable unit offers a virtual lifetime of use. Sold complete with required tubing, adapters, and users manual.



V5 DIY Reverse Brake and Clutch Bleeder PHS2104-B

Economical and powerful reverse brake bleeding system is designed for the do-it-yourselfer. System handles all bleeding operations in a small package. Sold complete with required tubing, adapters, and users manual.



PIONEER

Automotive Industries LLC

Aerosol Engine Enamels

Engine enamels dry quickly to a tough, durable finish that resists blistering and peeling. Choose from a variety of colors.

Ground
Shipment
Only

Part No.	Color
PIOT-10-A	Chevy Orange
PIOT-17-A	Ford Dark Blue
PIOT-26-A	Universal Black
PIOT-27-A	Aluminum
PIOT-52-A	Red Oxide Primer
PIOT-54-A	Flat Black
PIOT-58-A	Cast Iron Gray
PIOT-59-A	Clear
PIOT-60-A	Universal Gray
PIOT-61-A	Low-Gloss Black
PIOT-62-A	High-Heat Aluminum
PIOT-63-A	High-Heat Cast Iron Gray
PIOT-64-A	Black Primer
PIOT-65-A	Stainless Steel



SFI-Certified Flexplates NEW!

Flexplates are constructed from heavy duty, .130" thick steel and include ring gears that are double-welded for maximum strength. Dichromate finished for corrosion resistance, flexplates are affixed with SFI sticker for tech inspection.



Part No.	Description
PIO871001	Chevrolet, 168 Tooth, Internal Balance, 2-Pc. Rear Seal
PIO871011	Chevrolet, 168 Tooth, Internal Balance
PIO871012	Chevrolet, 153 Tooth, Internal Balance

Freeze Plug Kits

Skin-pack cards contain all freeze and pipe plugs necessary for a short block. Available in traditional steel or brass.



Application	Steel Part No.	Brass Part No.	Non-Carded Steel
SB Chevy 262-350	PIOPE100	PIOPE100B	PIOPE100R
SB Chevy 400	PIOPE101	PIOPE101B	—
GM LS Series	PIOPE-496	PIOPE-496-B	—
SB Ford 289-351W	PIOPE108	PIOPE108B	—

Small Block Chevy SFI-Approved Race Balancer PIO872021

6.25" diameter balancer is designed for internally-balanced small block Chevy engines. Tested and proven to 12,500 RPM, balancer meets stringent SFI 18.1 specifications. Race series balancer includes a CNC-machined AUSI 1045 steel center and steel inertia ring that uses bonded rubber to prevent any possibility of spinning. Balancer weighs just 6 lbs. and features computer-etched timing marks for precise timing adjustments.



Cylinder Head Dowel Pin Kits

Each kit includes four dowel pins.

Part No.	Description
PIOS-1110	SB Chevy 265-400
PIOS-1112	SB Ford 221-351W





Trailer Door Cabinets

Cabinets are heli-arc welded from .090" aluminum for lasting strength and durability. Each cabinet includes a fold-down table for added work space, paper towel holder, and enough shelving to hold aerosol cans, oil containers, cleaners, etc.



Part No.	Description
PIT320	Door Cabinet, 30"H x 25"W x 5.5"D
PIT321	Jr. Door Cabinet, 19.5"H x 12"W x 4.5"D
PIT323	Medium Door Cabinet, 32"H x 19.5"W x 6.75"D

25th Anniversary Edition Trailer Door Cabinet PIT320A

Similar to Pit Pal's original trailer door cabinet, with wider and deeper shelves to store up to 20 qts. of oil. Aluminum cabinet is 27" wide x 32" high x 6-3/4" deep with two paper towel holders and a top shelf that holds up to nine aerosol cans.



Oil Storage Cabinet PIT310

Store up to eight aerosol cans on the top shelf and as many as 29 quarts of oil or filters on the lower shelves. Dimensions: 24-1/2"H x 36"W x 5-1/2"D



Junior Oil Cabinet PIT313

Smaller, heavy-duty .090" aluminum cabinet unit neatly stores 12 quarts of oil and is a great way to help organize the home, garage, or shop. Dimensions: 16"H x 16"W x 5-1/2"D



24-Qt. Oil Cabinet PIT329

Similar to the Junior Oil Cabinet, but larger. Two-shelf cabinet is 30"W x 16"H x 6"D and holds quarts of oil or pump spray bottles.



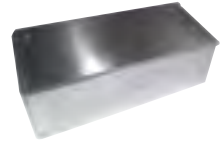
Oil Storage Shelf PIT312

Keep oil handy and neatly stored. Lightweight aluminum shelf measures 60" wide x 5-1/2" deep, and holds up to 24 quarts of oil.



All-Purpose Bottle Shelves

Store miscellaneous spray bottles for easy access.



Part No.	Description
PIT110	4 Container, 10" x 5" Deep
PIT111	6 Container, 14-1/2" x 5" Deep

Aerosol Spray Can Shelves

Strong .090" aluminum shelves fit anywhere for convenience. Choose from horizontal or vertical storage shelves.



Part No.	Description
PIT100	8 Can Horizontal Rack, 21-1/2"W x 2-3/4"D
PIT101	12 Can Horizontal Rack, 32-1/2"W x 2-3/4"D
PITV98	6 Can Vertical Rack, 32"H x 4"W x 5.25"D
PITV99	12 Can Side-By-Side Rack, 32"H x 7.75"W x 5.25"D

Fire Extinguisher Holders

Custom-fit cabinets store 2- or 10-lb. fire extinguishers, providing an easily access spot. Mounts to wall of trailer, garage, etc.



Part No.	Description
PIT353	10-lb., 11"H x 9"W x 6"D
PIT452	2-lb., 11"H x 3-7/8"W x 3-7/8"D

Trailer Fuel Jug Racks

Heli-arc welded .090" aluminum racks mount easily on trailer floor or wall. Racks will hold round or square fuel jugs safely and securely inside trailer.



Part No.	Description
PIT181	2-Jug Rack, 23"L x 12"D x 13"H
PIT182	3-Jug Rack, 34-1/2"L x 12"D x 13"H
PIT183	46"L x 12"D x 13"H



Stacked Fuel Jug Rack PIT481

Stacked fuel jug rack occupies the same space as a two-bay rack, yet holds four jugs. Rack mounts to the floor and wall, and measures 23"W x 43"H x 12"D.

Funnel Holders

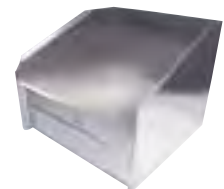
Lightweight aluminum holder keeps funnel handy. Kit includes aluminum holder and polyethylene triangular-shaped, 17" long funnel with built-in anti-splash ring.



Part No.	Description
PIT187H	Funnel Holder Only
PIT187K	Funnel Holder Kit, Includes Aluminum Holder and "D"-Shaped Funnel

Helmet Shelves

Store helmet, neck brace, gloves, ear protectors and related items, and hang up to eight uniforms beneath shelf. Shelves are fabricated from .090" aluminum for maximum strength.



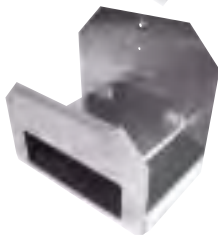
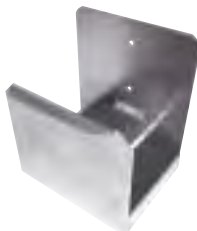
Part No.	Description
PIT330	1-Bay Helmet Shelf, 14-1/2"L x 12"H x 15"D
PIT331	2-Bay Helmet Shelf, 28-1/2"L x 12"H x 15"D



Hanging Brackets

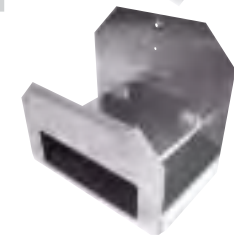
Hanging brackets store all hoses and electrical cords neatly. Gives shop or trailer a professional look.

Part No.	Description
PIT220	Electrical Cord Bracket
PIT221	Air Hose Bracket



Deluxe Air Bracket PIT223

Great for storing air hose, chuck, air gauge, small tools, etc.



Tie-Down Hangers

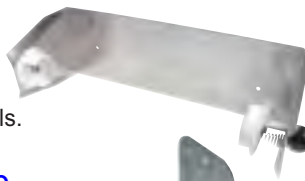
Store ratchet tie-downs neatly on trailer wall and create more floor space at the same time. Small bracket stores two ratchet tie-downs, large bracket can store several. Fabricated from .090" aluminum for durability.

Part No.	Description
PIT217	Single Small Bracket, 8"L x 3-1/4"D
PIT218	Single Large Bracket, 18"L x 3-1/4"D
PIT222	Two Small Brackets, 8"L x 3-1/4"D



Paper Towel Holder PIT226

Enjoy easy access to paper towels.



Universal Hanger PIT170

Keep helmet, driving jacket, and gear handy. Hanger is 3-1/2"W x 4"H x 2-1/2" D.



Nitrogen Bottle Storage Brackets

Brackets firmly fasten to studs in trailer walls to keep nitrogen bottles safe and secure. Holes are drilled on 16" centers to line up with the studs. Sold per pair, brackets are offered for 7" or 9" dia. nitrogen bottles.

Part No.	Description
PIT257	Nitrogen Bottle Storage Brackets, 9" Dia.
PIT357	Nitrogen Bottle Storage Brackets, 7" Dia.



Gauge Pouch PIT228

Secures tire gauges up to 4-1/8" dia.

Gauge Not Included



D Cell Flashlight Holder PIT216

Handy .090" thick aluminum holder secures any "D" cell flashlight to tool boxes, trailer walls, etc.



Flashlight Not Included

Push Broom Holder PIT651

Large-size holder secures push brooms, keeping trailer organized and broom off of floor.



Jack in a Pouch PIT194

Wall-mounted pouch keeps pit jack contained during transport and frees up floor space. TIG-welded aluminum, .090" thick pouch is 17-1/2"W x 24-1/4"H x 5-1/16" D.

Jack Not Included



Floor Jack Mounts PIT190

Mounts keep jack secure for the long haul. Drop jack in between angles and position front wheels in semi-circular front shells. The jack will remain in place during sudden stops, starts, and tight corners.



Shock Racks

Store spare shock absorbers neatly. Several versions available.

Part No.	Description
PIT136	Two-Piece Shock Rack, Holds (8) Shocks w/Coil-Over Springs, 33" 33"W x 4.675"H x 3"D
PIT1037*	Two-Piece Shock Rack, Holds (12) Shocks, 33"W x 4.5"H x 2.75"D
PIT1040	Small 5.5" Genesis Shock Rack, Holds (8) Shocks, 25"W x 3"H x 3.75"D, Fits Bulb Shocks
PIT1041	Big 9" Genesis Shock Rack, Holds (8) Shocks, 25"W x 7"H x 3.75"D, Fits Bulb Shocks

* Will not hold shocks with coil-over springs.



Torsion Bar Rack PIT134

The only way to store torsion bars while hauler is in transit. Drilled on 16" centers to line up with trailer wall studs, unique rack can hold up to 12 bars.



Vinyl Strip Doors NEW!

A great way to allow people in or out, while keeping dust, dirt, noise, hot air, and the sun out. Fully assembled and ready to install, kit helps lower enclosed trailer inside temperatures. Includes full width, 2-1/2" H. wall mount bracket for installation. Choose from kits with clear or tinted amber vinyl strips. Available vinyl strip door storage brackets, purchased separately, allow storing vinyl curtains out of the way when not in use.

Note: Vinyl may be cut down to meet your length needs.

Part No.	Description
PITTVS4X7	Tinted Amber 4' Wide x 7' Tall Vinyl Strip Door Kit
PITVS4X7	Clear 4' Wide x 7' Tall Vinyl Strip Door Kit
Related Component	
PIT242	Vinyl Strip Door Storage Brackets, 2-Pcs.





Adjustable Tire Rack PIT295



Unique heavy-duty steel rack mounts on 16" centers and adjusts from 18" to 26" for different tire diameters. Quickly unfolds from the wall and adjusts to full depth. Removable lock pins allow easy storage.

Kart Tire Rack PIT389

Three-tier tire rack secures 11" diameter Kart or Quarter Midget tires during transport. Tire rack is constructed using .125" thick aluminum side plates and rigid steel tubing that is zinc plated and powder coated for corrosion resistance. Rack is 13" deep and features a telescoping, 32" to 48" length.



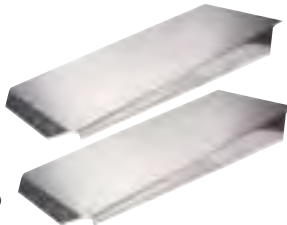
Gear Storage Racks

Heavy-duty aluminum racks are designed to store and organize Quick-Change gear sets. Three versions available.

Part No.	Description	PIT139
PIT139	Double Gear Storage Rack, Holds (24) Sets, 17-1/2"W x 22"H x 4-1/4"D	
PIT143	Horizontal Gear Storage Rack, Holds (12) Sets, 20-1/2"W x 22"H x 7"D	
PIT144	Vertical Gear Storage Rack, Holds (12) Sets, 24"W x 9-3/4"H x 7"D	

Dual Extension Ramps

Helpful when loading or unloading low-slung race cars. Ramps are 14" wide, and fabricated from .125" thick aluminum with tig-welded reinforcing ribs, heavy hinges, and rivets. Flips up for easy transportation. Sold in pairs.



Part No.	Description
PIT699	14" Wide x 36" Long x 4" High Extension Ramps
PIT702	14" Wide x 72" Long x 4" High Extension Ramps

Wheel Chocks PIT277

Rigid, box-welded aluminum wheel chocks keep front or rear tires secure during travel, while helping position car in trailer. Built-in handles aid carrying.



Trailer Step PIT490

Rugged, 42" wide trailer step, designed for 48" wide doors, may be flipped up and out of the way, or removed using included hinge pins. Step is fabricated from heavy wall 2" x 2" aluminum tubing and wrapped with 1/8" bright tread plate.



E-Track PITETH-1

An ideal horizontal attachment point on floors, walls or ceilings. Zinc-plated steel E-Track is 5' long.



Track Strap PIT74118

Track strap is 2" wide x 6" long with a 1,000 lb. rating. Typically used with Pit Pal's E-Track or A-Track to adapt as a tie-down hanger or to secure other cargo.



Small Aluminum Work Table

Among the most durable aluminum tables currently available, unit weighs just 36 lbs., yet has a 1,000 lbs. capacity. Manufactured from .125" aluminum, table includes tubular steel locking legs that fold flat for storage. Table is 42"W x 25"D x 31"H when open. Optional 32"L x 21"W lower storage shelf further increases table space.



Part No.	Description
PIT156	Small Aluminum Work Table
PIT393	Optional Lower Storage Shelf for PIT156

Tire Grinder Holder PIT407

Conveniently stores tire grinder, keeping it vertical and resting on the axle thus preventing dust from collecting on the face. Holder is 20.5"W x 22"H x 7"D.



Cell Phone Holder PIT555

Compact holder secures cell phone to wall of trailer, garage, etc. Holder is 4.25"W x .75"D x 6.75"H



Tow Strap NEW! PITJBRC5060

Self-retracting, 16' tow strap offers sufficient length for safe towing and a heavy-duty nylon strap is incorporated to cushion the start of towing. Rigid, 4130 chrome moly steel frame offers maximum strength, while the built-in hooks include clearance to slip over 1" tubing.





Intercomp Air Pressure Gauge Holder PIT622

Designed to secure Intercomp air pressure gauge conveniently to garage or trailer wall. Holder is 3.625"W x 4"H x 2.25"D.



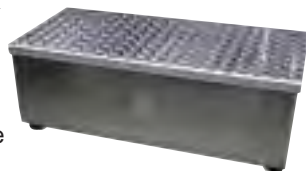
Standard Broom Holder PIT650

Keep broom stored securely and conveniently in garage or trailer. Mounting bracket is 4.5"W x 5.75"H x 2.25"D.



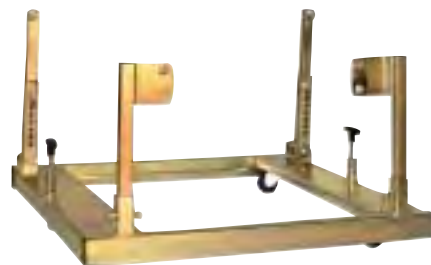
Portable Aluminum Step PIT496

Lightweight and portable, 30"W x 16"D (base) x 12"L x 30.75"W (top) x 10"H aluminum step may be used to aid entry into trailers. Also helpful when washing or de-tailing trailers, tow vehicles, or race cars on jack stands.



Pro Stand Engine Cradle PIT162

Heavy-duty, tubular steel engine cradle provides a professional method of securing engines during transport. Designed to accept a small or big block Chevy engine with motor plate and all accessories, cradle includes dual wheel casters and spring-loaded 1/2" locking pins to secure stand and prevent movement during transport. May be collapsed for easy storage.



Engine Sling PIT201

Perform quick engine changes. Simply hook the engine sling to engine puller and attach the four straps to header studs or exhaust bolt holes. Corrosion-resistant, plated 28" wide engine sling includes (4) royal blue 22" long polyester straps.



OEM Style "Claimer" Harmonic Balancers

Ideal for "claimer" racers and engine builders. Totally new balancers are manufactured from high-grade SG iron castings, bonded together like original balancers. Each balancer exceeds manufacturer specifications. Recommended for engines up to 6,500 RPM.



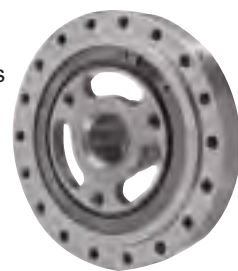
Part No.	Description
PBBPB1050-N	SB Chevy 400, 8" Dia., External Balance
PBBPB2221-N	SB Chevy 350, 7" Dia., Internal Balance
PBBPB1214-N	SB Ford 351W, 1990-Up, External Balance, 28 oz., 4-Bolt
PBBPB1084-N	SB Ford, 1982-95 EFI, External Balance, 50 oz., 4-Bolt



DAVID RIEKS

Harmonic Balancers

Powerbond offers two harmonic balancers: The non-SFI approved Street/Race is an affordable 7,500 RPM balancer with a nodular iron center and a 1045 steel inertia ring to prevent spinning. Timing marks are computer etched. The Race balancer has a 1045 steel center and inertia ring, is SFI-approved, and engineered for high-revving engines.



Application	Dia.	Weight	Balance	Street/Race Part No.	Race Part No.
Small Block Chevy					
283-350	6.75"	8.1 lbs.	Internal	PBBPB2221-ST	PBBPB2221-SS
283-307, Lightweight	6.1"	5.5 lbs.	Internal	PBBPB1012-ST	PBBPB1012-SS
283-350	8"	11.2 lbs.	Internal	PBBPB1046-ST	PBBPB1046-SS
400	8"	10.6 lbs.	External	PBBPB1050-ST	PBBPB1050-SS
400, Lightweight	7"	8.1 lbs.	External	—	PBBPB1118-SS
Small Block Ford					
302-351W, 4-Bolt, 28 oz.	6.5"	11.4 lbs.	External	PBBPB1060-ST	PBBPB1060-SS
302 EFI, 1982-95, 4-Bolt, 50 oz.	6.4"	10.9 lbs.	External	PBBPB1084-ST	PBBPB1084-SS
302-351W, 4-Bolt, Lightweight	6.37"	8 lbs.	Internal	—	PBBPB1086-SS
302-351W, 3-Bolt, Lightweight	5.9"	5.9 lbs.	Internal	PBBPB1479-ST	PBBPB1479-SS
302-351W, 351C, 4-Bolt, 28 oz.	6.5"	10.9 lbs.	External	PBBPB1082-ST	PBBPB1082-SS



5/8" Spark Plug Socket POW301150

Special tool eases spark plug installation, even when header tube interference makes installation impossible with traditional sockets. CNC-machined, stainless steel tool will sneak into virtually any cylinder head/exhaust header combination.

Pro Head CC Kits

Kits include everything needed to CC combustion chambers and intake and exhaust runners. Glass burets are compatible with alcohol, parts washer solvent, or any other suitable fluid and are marked off in .2cc increments for easy reading.

Part No.	Description
POW351140	125cc x .2cc
POW351150	100cc x .2cc



GM LS Lifter Retaining Tool **NEW!** POW101046

Specialized tool eases camshaft changes in GM LS engines, preventing the lifters from falling through the bores and into the engine when the camshaft is removed. Extra-long tool slides through holes in the front of the block and secures the lifters.



Pro Connecting Rod Vise POW351180

Anodized aluminum connecting rod vise secures aluminum or steel rods when work is being performed. Adjustable, quick-release latch allows quickly securing or releasing rods from fixture. Built-in guide pins allow mounting in a bench vise, if desired.



Outside Micrometer Set POW152006

High-quality, outside micrometer set allows precise measuring of crankshafts, pistons skirts, piston pins, valves, etc. Affordable to the beginning racer or engine builder, six-piece set includes 0-1", 1"-2", 2"-3", 3"-4", 4"-5", and 5"-6" micrometers that measure to .0001". Sold complete with fitted wooden case.



Cartridge Roll Assortment

Powerhouse offers a wide variety of straight cartridge rolls. Ideal for cylinder head or intake manifold porting, kit includes 90 rolls and two mandrels packed in a neat storage case. Cartridge rolls and porting mandrels may also be purchased separately. Cartridge rolls are 3/8" diameter x 1-1/2" long and fit 1/4" mandrels.



Part No.	Description
POW351476	40-Grit Cartridge Rolls, 50-Pack
POW351480	60-Grit Cartridge Rolls, 50-Pack
POW351485	80-Grit Cartridge Rolls, 50-Pack
POW351490	100-Grit Cartridge Rolls, 50-Pack
POW351495	120-Grit Cartridge Rolls, 50-Pack
POW351504	4" Long x 1/4" Porting Mandrel
POW351506	6" Long x 1/4" Porting Mandrel
POW351508	8" Long x 1/4" Porting Mandrel

Cross Buffs

Well suited for polishing cylinder heads, manifolds, etc. Offered in medium or fine grade, cross buffs are sold in packs of ten. Recommended for use with POW351920 Mandrel.



Part No.	Description
POW351902	Cross Buffs, 3/4" Medium, 10-Pack
POW351903	Cross Buffs, 3/4" Fine, 10-Pack
POW351910	Cross Buffs, 1-1/2" Medium, 10-Pack
POW351920	Cross Buff Mandrel, Includes Inserts for 3/4", 1" and 1-1/2" Cross Buffs

POW351902

Solid Carbide Burrs



POW353606



POW355606

Suitable for a variety of machining functions, solid carbide burrs are offered in 3/8" or 1/2" diameter oval designs and include a 6" long double-cut 1/4" diameter shank. Double-cut burrs are general purpose, suitable for iron or aluminum.

Part No.	Description
POW353606	Solid Carbide Burr, 3/8" Oval with 6" Double Cut Shank
POW355606	Solid Carbide Burr, 1/2" Oval with 6" Double Cut Shank



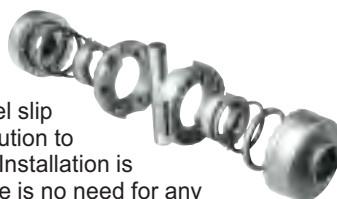
JODY GORDON



No-Slip Traction System for GM 10-Bolt 8.5" PTX92-0785-3005

Engineered exclusively for 1970-96 GM 10-bolt, 8.5" 30-spline rears, Powertrax automatically directs power to provide full engine torque to both rear wheels, even if one has zero traction. Unwanted wheel slip is controlled, and transitions from equal torque distribution to differential action for making turns quiet and smooth. Installation is easy with step-by-step instructions supplied, and there is no need for any adjustments to the ring and pinion setup.

Note: The No-Slip Traction System is designed to install into "open" type differentials only. They are not designed to replace a positraction unit.



Universal Friction Modifier **NEW! PTXPTL-001**

Differential gear oil additive helps minimize clutch plate and cone chatter. Product exceeds all ratings and is formulated for use in all axles where friction modifiers are specified. Sold in a 4-oz. bottle.





Powermax Plus Starters

Powerful Hitachi-style Powermax Plus starters are lightweight, and may be set up for maximum header and oil pan clearance. Starters are offered in three versions; 160 ft./lbs., 170 ft./lbs., and 180 ft./lbs.

The 160 ft./lb. units weigh just 7-1/4 lbs., include 6:1 gear reduction, 1.7 HP electric motors, sufficient to start engines with up to 11:1 compression ratios. The 170 ft./lbs. models weigh 10-1/2 lbs., have 3.7:1 gear reduction, 1.9 HP electric motors and are powerful enough to start engines with up to 14:1 compression ratios. Top-of-the line 180 ft./lbs. units weigh 11-1/4 lbs., utilize 3.7:1 gear reduction, 2.5 HP electric motors and are capable of starting engines with up to 16:1 compression ratios.

Part No.	Description
160 Ft./lbs. Starters, Engines with Up to 11:1 Compression Ratios	
PWM9100	Chevy, 153-/168-Tooth Flywheel, Straight Mount
PWM9112	Chevy Ram Jet 350, 168-Tooth Flywheel, Staggered Mount NEW!
PWM9180	Ford 2300cc/2.3L, Exc. Race Engine
170 Ft./lbs. Starters, Engines with Up to 14:1 Compression Ratios	
PWM9000	Chevy, 153-/168-Tooth Flywheel, Straight Mount
PWM9009	GM LS/LSX 4.8-6.2L, 168-Tooth Flywheel NEW!
PWM9012	Chevy Ram Jet 350, 168-Tooth Flywheel, Staggered Mount NEW!
PWM9103	Ford 289-351W, 157-Tooth Flywheel, 3/4" Depth
180 Ft./lbs. Starters, Engines with Up to 16:1 Compression Ratios	
PWM9004	Chevy, 153-/168-Tooth Flywheel, Straight Mount
PWM9004-9	GM LS/LSX 4.8-6.2L, 168-Tooth Flywheel NEW!

Mastertorque Starters

Lightweight (10-1/2 lbs.), compact, and powerful, Mastertorque starters use a 3.25:1 gear reduction ratio and 1.8 HP electric motors to deliver 180 ft./lbs. of cranking power, enough power to start engines with up to 14:1 compression ratios. Infi-Clock system provides a full 360° rotation for maximum header and oil pan clearance. Durable, black wrinkle-finished starters are very resistant to heat soak and hot starting problems.

Part No.	Description
PWM9600	Chevy, 153-/168-Tooth Flywheel, Straight Mount
PWM9609	GM LS 4.8-6.2L, 168-Tooth Flywheel NEW!
PWM9612	Chevy, 168-Tooth Flywheel, Staggered Mount

Mastertorque Starter for Bert/Brinn Transmissions PWM9614

Popular bellhousing-mounted Mastertorque starter is designed exclusively for use with Bert or Brinn transmissions. Durable, black wrinkle-finished starter provides 180 ft./lbs. of torque through a 3.25:1 gear reduction, 1.8 HP electric motor, powerful enough to start engines with up to 14:1 compression ratios, yet weighs just 10-1/4 lbs.

XS Torque Starter for Quartermaster Style Bellhousings PWM9528

XS Torque starter features a counter-clockwise rotation design to allow compatibility with Quartermaster style bellhousings. Starter has a 4.4:1 gear reduction, 1.8 HP electric motor capable of starting engines with up to 18:1 compression, yet weighs just 8 lbs.



XS Torque Starters

Compact XS Torque starters include patent-pending Infi-Clock feature, which provides full 360° rotation for maximum header and oil pan clearance. Starters offer a 4.4:1 gear reduction ratio and 200 ft./lbs. of torque, sufficient to start engines with up to 18:1 compression ratios. Starters weigh just over 8 lbs., are very resistant to heat soak and hot starting problems.

Part No.	Description
PWM9500	Chevy, 168-Tooth Flywheel, Straight Mount
PWM9502	Chevy, 153-Tooth Flywheel, Straight Mount
PWM9509	GM LS/LSX 4.8-6.2L, 168-Tooth Flywheel NEW!
PWM9526	Chevy, 168-Tooth Flywheel, Staggered Mount
PWM9540	Chevy, 153-/168-Tooth Flywheel, Universal Straight Mount
PWM9503	Ford 289-351W, A/T or M/T, 157-Tooth Flywheel, 3/4" Depth
PWM9504	Ford 289-351W, M/T, 164-Tooth Flywheel, 3/8" Depth
PWM9580	Ford 2300cc 4-Cyl., High-Comp. Race Engine NEW!

XS Torque Starters for Bert/Brinn Transmissions

Specialized starters feature the same specifications as standard XS Torque units, but are designed to be bellhousing mounted on Bert or Brinn transmissions. Starters have 4.4:1 gear reduction, 1.8 HP electric motors, powerful enough to start engines with up to 18:1 compression ratios, yet weigh just 8-1/2 lbs.

Part No.	Description
PWM9514	Bert/Brinn Transmission
PWM9529	Bert/Brinn Transmission, Late Model, Adjustable Mounting Block

Ultra Torque Starters

Top-of-the-line starters are engineered to meet the demands common to hard-core racing. The Ultra Torque uses a powerful 3.4 horsepower electric motor and 4.4:1 gear reduction ratio to provide a whopping 250 ft./lbs. of cranking power, enough to start engines with up to 18:1 compression ratios, yet weighs just 10-1/2 lbs.

Part No.	Description
PWM9400	Chevy, 153-/168-Tooth Flywheel, Straight Mount
PWM9409	GM LS/LSX 4.8-6.2L, 168-Tooth Flywheel NEW!
PWM9426	Chevy, 168-Tooth Flywheel, Staggered Mount
PWM9403	Ford 289-351W, All A/T or M/T, 157-Tooth Flywheel, 3/4" Depth
PWM9404	Ford 289-351W, All M/T, 164-Tooth Flywheel, 3/8" Depth
PWM9459	Chevy, 139-Tooth Flywheel NEW!

Ultra-High-Speed Starter PWM9450

The fastest spinning production starter currently available with up to 25% more cranking speed than traditional units, yet weighing just 10-1/2 lbs. Ultra-High-Speed Starter fits all Chevy 153- and 168-tooth flywheel applications, provides faster starts and fewer kick-backs. Ideal for engines requiring higher cranking speeds such as those that run on alcohol, those with magnetos, or locked-out ignition advance. Starter includes a machined, billet aluminum mounting block and is compatible with 12- or 16-volt electrical systems.

Replacement Starter Components

Part No.	Description
PWM601-2	Solenoid for 9100 Series Starter
PWM604-1	Starter Pinion Gear, 9 Tooth/10 Pitch
PWM624	Inner Starter Shim, .065" Thick Aluminum

PWM601-2





Denso-Style Race-Prepped Alternators

Denso-style, race-prepped alternators deliver high output-to-weight ratios. Alternators include a true one-wire hook-up and are offered in 12- or 16-volt versions. All mounting points are precision machined for precise belt alignment and correct fit with Powermaster alternator brackets. Gold battery posts add conductivity, while low-drag, high speed bearings increase efficiency. Alternators are offered with natural finish or special, black heat-dispersant coating. Pulley must be purchased separately.



Part No.	Description
PWM8136	Denso 110 mm 16-Volt Alternator, 100 Amps, Black, 8 lbs. NEW!
PWM8162	Denso 93 mm 12-Volt Alternator, 55 Amps, Black, 5.75 lbs.
PWM8163	Denso 100 mm 12-Volt Alternator, 75 Amps, Black, 6.4 lbs. NEW!
PWM8166	Denso 93 mm 16-Volt Alternator, 55 Amps, Black, 5.75 lbs.
PWM8172	Denso 93 mm 12-Volt Alternator, 55 Amps, Natural, 5.75 lbs.

XS Volt Denso-Style Race-Prepped Alternators

Race-prepped, Denso-style alternators utilize the XS Volt feature, an innovative user-adjustable voltage control system that allows compatibility with 12-, 14-, or 16-volt electrical systems. Voltage may be adjusted easily from 13.5-18.5 volts via an adjustment screw. Alternators offers great output-to-weight ratio. Gold battery posts add conductivity, while low-drag, high-speed bearings increase efficiency. Alternators work well with lithium batteries that require low voltage set points. Finished with special, black heat-dispersant coating (unless specified). Pulley must be purchased separately (unless specified).



Part No.	Description
PWM8128	XS Volt Denso-Style 102 mm Alternator, 115 Amps, 6.7 lbs. NEW!
PWM8138	XS Volt Denso-Style 110 mm Alternator, 100 Amps, 8 lbs.
PWM8164	XS Volt Denso-Style 100 mm Alternator, 75 Amps, 6.4 lbs. NEW!
PWM8174*	XS Volt Denso-Style 100 mm Alternator, 75 Amps, 6.4 lbs. NEW!
PWM8188	XS Volt Denso-Style 93 mm Alternator, 75 Amps, 6.7 lbs.

*Signifies alternator that includes pulley and has a natural finish.

GM CS121-Style Race-Prepped Alternators

High-output, GM CS121-style alternators feature a high output-to-weight ratio, weighing just 9 lbs. Alternators may be used as single- or three-wire hook-up, include gold battery posts for maximum conductivity and low-drag, high-speed bearings. Alternators have a 6.4" mounting pattern and are offered with natural finish or special black, heat-dispersant coating. Pulley must be purchased separately (unless specified).



PWM8062

Part No.	Description
PWM8060*	GM CS121 12-Volt, 75-Amp Alternator, Natural
PWM8062	GM CS121 12-Volt, 100-Amp Alternator, Black
PWM8066	GM CS121 16-Volt, 100-Amp Alternator, Black NEW!

* Includes V-belt pulley.

GM CS130-Style Race-Prepped Alternators **NEW!**

Race-prepped, small case Delco alternators offer 140 amps of top end power, yet weigh just 11.5 lbs. Alternators include both internal and external fans for exceptional cooling and are finished with a special, black heat-dispersant coating. Choose from 16-volt or XS Volt units. XS Volt unit is compatible with 12-, 14- or 16-volt electrical systems, and allows voltage adjustments from 13.5-18.5 volts, via an adjustment screw. Sold complete with 2" dia., 6-groove pulley.



Part No.	Description
PWM578026	GM-Style CS130 16-Volt Alternator, 140 Amps, 11.5 lbs.
PWM578028	GM-Style CS130 XS Volt Alternator, 140 Amps, 11.5 lbs.

High-Mount 65 Amp Racing Alternator Kit PWM8-802

Engineered specifically for circle track racing applications, high-mount racing alternator kit mounts to water pump bolts on small block Chevy. All-in-one kit includes Denso-style race-prepped (PWM8102), natural finish 65-amp alternator, water pump and alternator pulleys, pre-assembled bracket, three-groove serpentine belt and necessary hardware.



Pro Series 55-Amp Racing Alternator Kit PWM8-801

Kit attaches to either side of engine at water pump to engine block location or may be installed backwards, driving off of the water pump (requires different spacers and belt length). Includes black heat dispersant-finished 55-amp alternator Denso-style race-prepped (PWM8162), water pump and alternator pulleys, pre-assembled bracket, three-groove serpentine belt, and necessary hardware.



Quick-Change Alternator Mount Kit PWM8-400

Kit is popular with asphalt racers where rules allow driving the alternator off of the rear end. Kit mounts directly to Winters or Richmond Quick-Change rears, mounting to either side of the center section. Includes Denso-style, race-prepped, black heat dispersant-finished alternator (PWM8162), V-belt style alternator pulley, mounting bracket, and necessary hardware.

Notes: Kit only charges system when the car is moving. Requires purchase of proper pinion yoke with pulley.



Ford 9" Third Member Alternator Mount Kit PWM8-410

All-in-one kit is designed for asphalt racing applications where it is desirable and legal to drive the alternator off of the rear end. Mounting directly to the center section of Ford 9" rears, kit includes Denso style race prepped (PWM8162), black heat dispersant-finished 55-amp alternator, V-belt style alternator pulley, mounting bracket and necessary hardware.

Notes: Kit only charges system when the car is moving. Requires purchase of proper pinion yoke with pulley.





Alternator Pulleys

Alternator pulleys include deep grooves for maximum belt retention. Choose from billet aluminum V-belt or gold zinc-finished steel serpentine pulleys. Pulleys have a 17 mm shaft bore and include a 17 mm-to-15 mm reducer bushing to fit most alternators.

Part No.	Description
PWM181	V-Belt Pulley, 2.80" O.D.
PWM182	V-Belt Pulley, 4.00" O.D.
PWM183	V-Belt Pulley, 5.25" O.D.
PWM186	6-Groove Serpentine, 2.56" O.D. NEW!
PWM204	6-Groove Serpentine, 2.44" O.D. NEW!



Water Pump Pulley PWM174

Billet aluminum, single groove V-belt pulley is sized specifically for high-RPM circle track applications. Pulley is 3/8" wide x 3.80" O.D. and fits water pumps with 3/4" pilot.



Ground Shipment Only
On All Pro-Blend Products

Hot Lap 101 PRB4000

Especially formulated to soften tires and create bite. Hot Lap 101 works on asphalt and dirt tires and can help natural and synthetic rubber tires resist blistering, run 10-15 degrees cooler, yet still stick to the track surface, and is detectable. One-gallon can.



Hot Lap Victory Lane PRB5000

Super Quick Up to 50 Laps

Similar to Hot Lap II but lasts longer and is detectable. Use on asphalt or dirt. One-gallon can.



Hot Lap II PRB6000TS

Super Quick for 25 Laps

Works on asphalt or dirt. Tires run 18-22° cooler and last up to 50% longer. Hot Lap II is designed for races with 25 laps or less. Extends tire life and is undetectable. One-gallon can.



Hot Lap 3 PRB3030HL

Reduce lap times by as much as five tenths of a second by applying one ounce per inch of tread width of Hot Lap 3. Cold roll for 6-8 hours and let stand for 48 hours before a race. Product is "Sniffer-Proof" and will definitely cause a drop in the durometer reading. 32-oz. can.



Hot Lap Pro Bite PRB8000Q

Intended for use at the track, Hot Lap Pro Bite dramatically increases tire grip. During the week, treat the tires with Hop Lap II; after arriving at the track, wipe the tires with 2-3 coats of Pro Bite. Proceed to make practice laps and determine if more product is needed to get the desired grip. Works best on dry, slick tracks. Sold in 32-oz. can.



Quik Lap PRB7032LMT

Last Minute Treatment

Apply to tires the day of the race. Reduces lap time 1-3 tenths and maintains durometer for the first 25 laps. Use on asphalt or dirt. Undetectable. 30-oz. can.



Tire Cleaner PRB7050

Racing Tire Cleaner

Removes the glaze on slicker tires and opens the pores to ready tire for Hot Lap treatment. 30-oz. can.



40 Below PRB4032

Stops Overheating

Reduces water temperature up to 40°F. Keeps temperature under control while drafting, racing, sitting in the pits, in traffic, cruising, towing, climbing, or running with restricted air flow. 32-oz. can.



Alcohol Fuel Lube PRB8400

Lubricates Entire Fuel System

Blends with alcohol or nitromethane to lubricate the entire fuel system. Add 16 oz. to 50 gallons. 16-oz. can.



Engine Racing Concentrate PRB1600

A Must for All Performance Engines

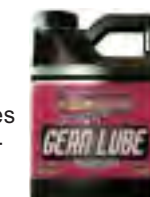
Cools oil up to 52° and eliminates oil starvation, bearing failure, piston scuffing, galling, blueing, metal transfer, valve train drag, and foaming. Also helps control condensation in gasoline or alcohol engines. 16-oz. can.



Pro-Tuff Gear Lube PRB8398

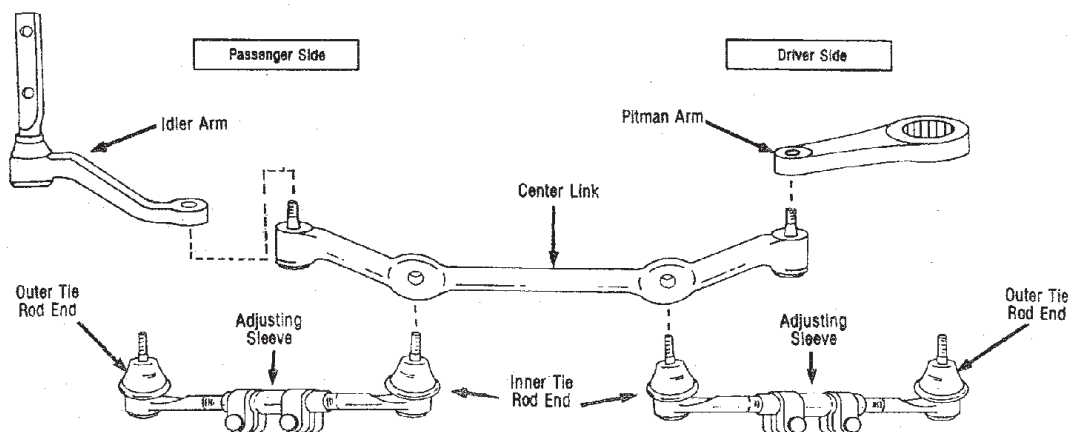
Eliminates Ring and Pinion Failure

Reduces gear lube temperature up to 60°. Triples gear life in transmissions, rear ends, and transaxles. Stops bluing and galling. Absorbs shock and loading. 16-oz. can.



Severe-Duty Chassis Parts

Pro Forged offers a complete line of severe-duty chassis parts. All components are tested for elasticity, strength, stud pullout, stud impact, and cycle. They are then electrocoated for corrosion resistance and appearance, resulting in a product that is strong, durable, and free of defects.



Tie Rod Assembly – Right (Passenger's Side)

Application	Outer End	Adj. Sleeve	Inner End	Center Link	Inner End	Adj. Sleeve	Outer End
1975-79 Camaro, Z28	—	PFG105-10004	—	PFG106-10066	—	PFG105-10004	—
1970-74 Camaro, Z28	PFG104-10356	PFG105-10004	PFG104-10375	PFG106-10066	PFG104-10374	PFG105-10004	PFG104-10016
1978-88 Malibu, Monte Carlo	PFG104-10019	PFG105-10007	PFG104-10020	PFG106-10071	PFG104-10020	PFG105-10007	PFG104-10019
1973-77 Chevelle, Malibu, Monte Carlo	PFG104-10369	PFG105-10004	PFG104-10016	—	PFG104-10016	PFG105-10004	PFG104-10369
1971-72 Chevelle, Malibu, Monte Carlo	—	PFG105-10004	PFG104-10016	PFG106-10062	PFG104-10016	PFG105-10004	—
1964-70 Chevelle, Malibu, Monte Carlo	PFG104-10182	PFG105-10007	PFG104-10382	PFG106-10062	PFG104-10382	PFG105-10007	PFG104-10182

Tie Rod Assembly – Left (Driver's Side)

Ball Joints



Part No.	Application	Moog Equivalent
Lower		
PFG101-10013	1964-72 Chevelle, Malibu; 1970-72 Monte Carlo	MOGK5103
PFG101-10049	1970-81 Camaro; 1973-88 Chevelle, Malibu, Monte Carlo; 1977-94 Impala, Caprice	MOGK6145T
Upper		
PFG101-10473*	1964-72 Chevelle/Malibu; 1970-72 Monte Carlo; 1967-69 Camaro; 1969-74 Nova	N/A
PFG101-10015	1964-72 Chevelle, Malibu; 1970-72 Monte Carlo	MOGK5108
PFG101-10019	1970-81 Camaro; 1973-88 Chevelle, Malibu, Monte Carlo; 1971-96 Impala, Caprice	MOGK5208
PFG101-10046	1973-95 Chevy/GMC Truck; Fits Impala, Chevelle, Camaro Raises Roll Center, Bolt-In	MOGK6136
PFG101-10126	1957-89 Chrysler/Dodge/Plymouth; Lefthander Style A-Frames, Screw-In	MOGK772

*Extra tall ball joint with .090" longer ball stud.

Billet Aluminum Tie Rod Sleeves **NEW!**

PFG105-10040

Significantly stronger than traditional adjusting sleeves, billet aluminum tie rod sleeves measure 8" long and include 5/8"-18 threaded ends. Precision CNC-machined and finished with a corrosion-resistant black anodized finish, they are sold in pairs with jam nuts.



Idler Arms

Part No.	Application	Moog Equivalent
PFG102-10006	1968-72 Chevelle, Malibu, Monte Carlo	MOGK5143
PFG102-10012	1973-81 Camaro	MOGK6186
PFG102-10013	1978-88 Malibu	MOGK6187T
PFG102-10060	1975-77 Chevelle Malibu, Monte Carlo, Buick Regal, Olds Cutlass, Pontiac Lemans	—



Steering Rebuild Kits **NEW!**

Engineered to offer unsurpassed durability, Proforged steering components feature forged 1045 steel housings and 4140 chrome moly steel studs that are heat treated for added strength and durability. All components are E-coated for a corrosion-resistant, professional appearance. Kit includes center link, inner and outer tie rods, adjusting sleeves, idler arm, CR-rubber boots, and necessary hardware.



Part No.	Description
PFG116-10011	1978-88 Chevy Monte Carlo, Buick Regal, Pontiac Grand Prix, and 1978-81 Olds Cutlass
PFG116-10012	1966-67 Chevy Chevelle, Buick Skylark, Olds Cutlass, Pontiac Lemans

Wet Sump Oil Pans

Pro/Cam's unique small block Chevy pans increase horsepower and decrease oil temperature by keeping oil away from the crank. Pans have adjustable crank scrapers to customize each pan to a particular crankshaft/rod combination. Maintain oil pressure all the way around the track! Set-up instructions and templates for clearance are included. Available in 6.5" and 7" depths. A narrow version used on Port City Chassis is also available. All Pro/Cam Pans must be used with a Pro/Cam Pump/Pickup combination. System part numbers include oil pan, customized high-volume oil pump, and custom pickup (assembled).



Description	System Part No.	Pan Part No.	Pump/Pickup Part No.
6.5" Wet Sump Pan	PRC9137-6	PRC9137-A6	PRC9137-B6
7" Wet Sump Pan	PRC9137-7	PRC9137-A7	PRC9137-B7
6.5" Narrow Wet Sump Pan	PRC9137-6N	PRC9137-A6N	PRC9137-B6N
7" Narrow Wet Sump Pan	PRC9137-7N	—	PRC9137-B7N

NASCAR Sportsman Wet Sump Oil Pan

Designed for NASCAR Sportsman rules, small block Chevy 7-qt. wet sump pan is good for a gain of up to 15 horsepower. Sportsman pan provides maximum oil collection for lower oil temperatures and more consistent oil pressure. Additional features include an offset sump to keep oil contained in the pick-up, three adjustable scrapers, and four trap doors.



Description	Pan Part No.	Pump/Pickup Part No.
6.5" Sportsman	PRC9140-A6	PRC9137-B6N

Aluminum Wet Sump Oil Pans

Specifically designed for circle track racing, small block Chevy pans feature billet end caps and rails, and built-in oil collection screens. Offered in two depths, pans include high-volume oil pump and pickup.



Part No.	Description
PRC9138-6-SBC	Aluminum, 6.5" Wet Sump Pan
PRC9138-7-SBC	Aluminum, 7" Wet Sump Pan

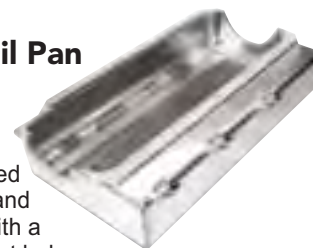
Economy Dry Sump Oil Pan PRC9132

Small block Chevy economy pan has many features common to more costly units. Steel pan is 5-1/2" deep and has a large directional screen for increased oil from collection. Crank scraper removes excess oil off the rotating assembly for increased horsepower. Pan includes three fittings on the right side.



Aluminum Dry Sump Oil Pan PRC9131

Fully fabricated small block Chevy oil pan is manufactured using billet rails and ends for added durability. Pan is just 4.25" deep and offers efficient oil management with a three-stage adjustable scraper that helps remove oil from the crankshaft, while a unidirectional screen and oil dams improve windage. Pan is designed for use with a 4-stage dry sump oil pump and includes (3) -12AN fittings.



Small Block Chevy Timing Cover PRC9501

100% American-made, Pro/Cam's small block Chevy timing cover has stiffening ribs to accommodate a roller cam and is E-coated for a durable, attractive finish.



Billet Aluminum Mechanical Fuel Pumps NEW!



PRC9350-1-A



PRC9350-A

Precision CNC-machined 130 GPH billet aluminum fuel pumps are engineered to deliver unsurpassed fuel flow. Pumps allow "clocking" of housing to allow eased plumbing. Choose from 7.5, 11, or 15 PSI models; the 11 and 15 PSI models require a fuel pressure regulator. Pumps include 1/2" NPT inlet and outlet ports.

Part No.	Description
PRC9350-1-A	SB Chevy, 11 PSI
PRC9350-A	SB Chevy, 15 PSI
PRC9351-A	SB Chevy, 7.5 PSI
PRC9380-A	SB Ford, 7.5 PSI
PRC9381-A	SB Ford, 11 PSI

Roller Tip Fuel Pump Pushrod PRC9130

Pushrod is an exact replacement for the original small block Chevy fuel pump pushrod. High-quality tool-steel roller with needle bearings reduces friction and wear for longer cam life and lower oil temperature. Pushrod protects expensive roller camshaft and permits a heavier fuel pump spring rate to eliminate fuel starvation without the risk of damaging cam.





Black Race Series 4bbl Carburetors

Mechanical secondary Black Race Series 4bbl. carburetors include Black Diamond coating to reduce fuel temperatures. True race-style carburetors are hand-assembled in the USA using high-flow aluminum main bodies with screw-in air bleeds and down-leg boosters, billet throttle base plates, billet metering blocks, and aluminum fuel bowls with sight glass windows for eased float adjustment. Designed for maximum air flow, carbs lack air horn, choke tower, or choke control.



Part No.	Description
PFM67301	650 CFM Black Race Series Carburetor
PFM67302	750 CFM Black Race Series Carburetor
PFM67303	850 CFM Black Race Series Carburetor

Mechanical Secondary Race Series 4bbl Carburetors

Affordable high-performance carburetors are hand-assembled in the U.S. using Proform components. Each carb includes a high-flow main body, lightweight aluminum fuel bowls, billet metering blocks, and throttle base plates. Carbs have power valve blow-out protection, down-leg style boosters, adjustable screw-in air bleeds, timed and full vacuum ports, and welded throttle shafts.



Part No.	Description
PFM67200	750 CFM
PFM67201	850 CFM
PFM67202	950 CFM
PFM67215	750 CFM, Circle Track Racing

Billet Throttle Base Plates

Stronger and more durable than die-cast base plates, billet base plates include timed and full vacuum ports, adjustable secondary air flow cam brackets, button-head Torx throttle plate screws, and power valve blow-out protection.



Part No.	Description
PFM67155	650/700/750/800 CFM Replacement Base Plate
PFM67156	850/950 CFM Replacement Base Plate

Direct Replacement Holley Main Bodies

Add 25-50 horsepower in less than 30 minutes. Direct replacement, 100% new main bodies have adjustable, screw-in air bleeds and HP down-leg boosters. Available to fit popular 650, 700, 750, 800, 850, and 950 CFM Holley carburetors.



Part No.	Description
PFM67100C	For Holley 650 CFM (Model 4777), 700 CFM (Model 4778), 750 CFM (Model 4779) and 800 CFM (Model 4780), Double Pumper, Mechanical Secondaries
PFM67107C	For Holley 850 CFM, Double Pumper, Mechanical Secondaries
PFM67108C	For Holley 950 CFM, Double Pumper, Mechanical Secondaries
PFM67216	For Holley 750 CFM, Double Pumper, Mechanical Secondaries, Alcohol
PFM67217	For Holley 750 CFM, Double Pumper, Mechanical Secondaries, Gas

Billet Metering Block PFM67150C

Block has changeable idle feed restrictions and other racing upgrades to enhance the performance of the Proform Main Body. Machined from solid aluminum to eliminate the possibility of porosity or warpage common to die-cast units. Fits Holley 4777, 4779, and 3310 series carbs.



Aluminum Fuel Bowl Kit PFM67162

Lightweight aluminum, center-hung float bowls have anodized inlets, and sight glass windows for easy float adjustments. Kit includes two float bowls and two gaskets for Proform, Quick Fuel, and Holley double tors.-pumper carburetors.

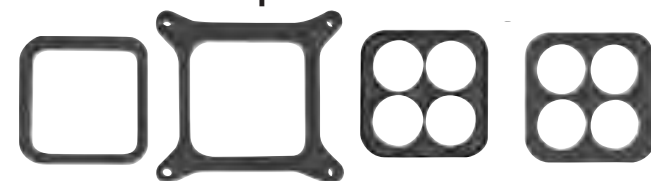


Performance Carb Rebuild Kit PFM67223

Comprehensive carburetor rebuild kit, engineered for Proform 650, 750, and Holley HP series of the same size, includes needle and seat assembly, accelerator pump diaphragm, non-stick precision die-cut gaskets, nylon inlet nut, and bowl screw gaskets.



Trackside Carb Spacer Kit PFM67160C



Modular 1" carb spacer kit optimizes flow rates. Manufactured from lightweight, heat-resistant phenolic material, spacer kit includes (1) frame and (3) inserts. Inserts include one each: open; 4-hole, and tapered 4-hole.

Cam Locking Header Bolts

Special grade 8 bolts put an end to loose header bolts without the hassle associated with locking pins or clips. Header bolts and washers feature super hardened, external serrated teeth that literally bite into both the bottom of the bolt head and the header flange, preventing the possibility of loosening. Bolts may be untightened with a wrench, lubricated, and reused.



Part No.	Description
PFM66751	Header Bolts, 3/8" x 3/4" Long, 12 Pcs.
PFM66752	Header Bolts, 3/8" x 3/4" Long, 16 Pcs.
PFM66753	Header Bolts, 3/8" x 1" Long, 12 Pcs.

Note: 3/4" long bolts are most often used for cast iron heads, 1" long are recommended for aluminum heads.



Chevrolet HEI Racing Distributors

Engineered for racing, distributors include low-saturation high-output modules, 50,000-volt coils, performance advance curves, caps with brass terminals, polished aluminum bodies, and composite vacuum advance lock-outs. Distributors do not have vacuum advance and can supply 50,000 volts up to 7,500 RPM with true spark alignment and instant response.

Part No.	Description
PFM66941BKM	HEI Racing Distributor, Black Cap
PFM66941BM	HEI Racing Distributor, Blue Cap
PFM66941RM	HEI Racing Distributor, Red Cap



GM HEI Distributor Tune-Up Kit **NEW!** PFM141-796

Engineered to fit all 1973-90 GM V-8's with a HEI distributor that utilize an internal coil, kit includes black distributor cap, rotor, coil, coil cover, module, adjustable vacuum advance canister bushing, and wiring harness.



GM HEI Coil and Cap Kits

Kit includes a 50,000 volt coil, high-dielectric strength distributor cap and premium rotor. HEI components are also available separately.

Part No.	Description
PFM66942RC	HEI Coil and Cap Kit, Red Cap
PFM66943C	HEI In-Cap Coil, 50,000 Volt
PFM66944C	HEI Ignition Module
PFM67022C	HEI Vacuum Advance Lockout



High-Torque Gear Reduction Starters

Starters are 100% new, not rebuilt, and offset for more clearance between the oil pan and starter. May be rotated for additional chassis clearance. High-torque, high-output motor with 3.75 gear reduction delivers 40-50% more cranking power than stock starter. Starters with 1.4 KW motor are suitable for engines with up to 11:1 compression, while units with heavy-duty 2.2 KW motor are capable of up to 15:1 compression.



Part No.	Description
PFM66256	SB, BB, and V-6 Chevy, 153/168-Tooth Flywheel, 1.4 KW Motor
PFM66258	SB, BB, and V-6 Chevy, 153/168-Tooth Flywheel, 2.2 KW Motor
PFM66266	SB, BB, and V-6 Chevy, 168-Tooth Flywheel, Staggered Mount, 1.4 KW Motor NEW!
PFM66267	SB, BB, and V-6 Chevy, 168-Tooth Flywheel, Staggered Mount, 2.2 KW Motor NEW!
PFM66273	GM LS1/LS2/LS6/LS7, 168-Tooth Flywheel, 1.4 KW Motor NEW!
PFM66275	SB Ford 221-351W, 3-Bolt Style, Auto Trans., 2.2 KW Motor NEW!
PFM66276	SB Ford 221-351W, 3-Bolt Style, Man. Trans., 2.2 KW Motor NEW!
PFM66277	GM LS1/LS2/LS6/LS7, 168-Tooth Flywheel, 2.2 KW Motor NEW!

Chevy High-Compression Racing Starters

4.4:1 ratio gear reduction starters are for engines with high displacement or compression ratios. Capable of cranking engines with up to 18:1 compression ratio. 100% new components.

Part No.	Description
PFM67050	Chevy, 168 Tooth Flywheel/Flexplate
PFM67052	Chevy, 168 Tooth Flywheel/Flexplate, Staggered Mt.
PFM67054	GM LS1/LS2/LS6/LS7, 168-Tooth Flywheel NEW!



Radiator Overflow Canister **NEW!**

Overflow canister prevents coolant from spewing onto the racing surface. Billet aluminum canister measures 3" diameter x 6-3/4" tall, and is offered with black anodized or natural finish. Includes built-in mounting bracket and necessary brass fittings.

Part No.	Description
PFM69527	Radiator Overflow Canister, Black
PFM69528	Radiator Overflow Canister, Natural



Locking Transmission Dipsticks **NEW!**

Dipstick assemblies include a locking design to prevent fluid from blowing out of the dipstick tube. Offered with gold iridite or chrome-plated finish.

Description	Gold Part No.	Chrome Part No.
GM Powerglide, Long Style	PFM66172	—
GM Powerglide, Short Style	PFM66173	—
GM TH-350, Chevrolet	PFM66181	PFM66175



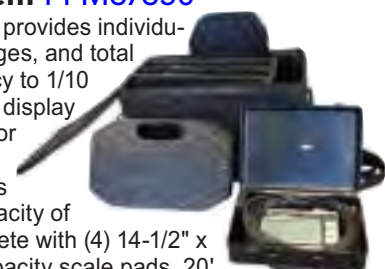
Slim Wireless Vehicle Scale System PFM67644

Next generation scale system is completely wireless and uses full-size, 15" x 15" die-cast aluminum scale pads that utilize a slim, 1-5/16" thick design for eased drive-up angle and setup. System features a live stream data feed via USB cable to computer with free downloadable program for viewing and file exporting. LCD screen displays cross weight, side/side weight, front/rear weight, standard weight and percentage for each wheel, and total vehicle weight. Individual scale pads have a 1,750 lb. capacity for a total scale capacity of 7,000 lbs. Includes AA batteries.



Vehicle Scale System PFM67650

Economical scale system provides individual wheel weights, percentages, and total vehicle weight with accuracy to 1/10 of 1%. Unit includes backlit display with oversized characters for exceptional readability, is powered by (4) AA batteries and has a total system capacity of 5,000 lbs. System is complete with (4) 14-1/2" x 9-1/2" x 2-1/2" 1,250 lb. capacity scale pads, 20' cables, batteries, and durable carrying case.





Shop/Gas Can Weighing System PFM67646

Scale provides precision weighing so that the proper amount of fuel is transferred into race car. Single scale system has a 400-lb. capacity with 0.1 lb. of resolution. Backlit LCD display provides exceptional readability, day or night. Sold complete with AA batteries and foam-lined carrying case.



Valve Lash Wrench Set

T-handle Allen wrench and adjuster wrench. Simplify valve lash adjustment, and cut adjustment time in half.



Part No.	Description
PFM66778	1/2" Adjuster, 3/16" and 1/8" T-Handle Allen Wrenches
PFM66779	7/16" Adjuster, 1/8" T-Handle Allen Wrench
PFM66780	9/16" Adjuster, 3/16" and 7/32" T-Handle Allen Wrenches
PFM66781	5/8" Adjuster, 3/16" and 7/32" T-Handle Allen Wrenches

Socket Assist PFM67575

Speeds up work with low-clearance bolts, such as spark plugs, header, or intake manifold bolts. Patented tool is used with a 12-point box wrench or socket. Three-piece set includes 1/4" x 1/4", 1/4" x 3/8", and 3/8" x 3/8".



"No-Mess" Funnel PFM68068

Patented, ball-n-hook design shuts off flow and retains excess fluid to prevent spillage or overfilling.



Dual-Gauge Leakdown Tester PFM66839

Tester may be used to check piston ring, valve, and head gasket seal. Includes flex hose and spark plug adapters.



Universal Camshaft Degreasing Kit PFM66787

All-in-one kit includes the tools required to properly degree a camshaft with the cylinder heads installed. May also be used to check lobe lift, valve lift, etc. Kit includes 9" degree wheel, pointer, dial indicator and stand, two valve checking springs, 14 mm TDC locator, and instructions. Select tools are also offered separately.



Part No.	Description
PFM66791	9" Camshaft Degree Wheel
PFM66792	TDC Locator
PFM66797	Magnetic Deck Bridge
PFM66830	Camshaft Checking Fixture

Camshaft Degreasing Kit for GM LS PFM68786

Designed for use on a GM LS engine with the heads off, kit includes all of the required tools and components to properly degree a camshaft, ensuring desired valve timing and lobe lift. Packed in a neat, foam-lined storage case, kit includes 9" diameter degree wheel, dial indicator, billet aluminum adjustable dial indicator mount, billet aluminum TDC indicator, wire degree wheel pointer, stainless steel crankshaft turning socket, and instructions.



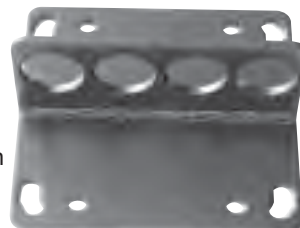
High-Intensity LED Timing Light **NEW!** PFM67419

Rugged billet aluminum timing light is easy to use and features a simple one-wire hook-up. High-intensity LED allows easy ignition timing setting. Includes rechargeable battery with USB cord. Unit doubles as a handy glove-box flashlight.



Engine Lift Plates **NEW!**

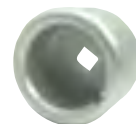
Heavy-duty steel engine lift plate attaches directly to intake manifold, an ideal attachment point when removing or installing engine. Attachment bolts not included.



Part No.	Description
PFM67457	Fits Holley 2/4-Barrel and Dominator Flanged Manifolds
PFM67459	Fits GM LS Gen. IV 2006-16 Manifolds

Crankshaft Turning Sockets

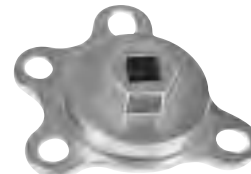
For use with a 1/2" ratchet or breaker bar, an easy method of crankshaft rotation during engine assembly.



Part No.	Description
PFM66900	SB Ford, 1.385" I.D., 3/16"/1/4" Keyways
PFM66901	SB Chevy, V6, I-6, GM 4-Cyl., 1.255" I.D., 3/16" Keyway
PFM67491	SB Chevy, V6, I-6, GM 4-cyl., 3/16" Keyway, Attaches to Degree Wheel

Engine Rotator PFM66782

Bolts directly to harmonic balancer for easy crankshaft rotation during engine assembly. Fits Chevy or Ford V-8.



JAKE HEADLEY



Harmonic Balancer Installation Tools

Eases harmonic balancer installation. Available for most domestic V-8's.



Part No.	Description
PFM66515	Harmonic Balancer Installation Tool, Most Domestic V-8's
PFM66518	Harmonic Balancer Installer and Puller, GM LS NEW!
PFM66519	Harmonic Balancer Installation Tool, GM LS
PFM66520	Harmonic Balancer Installation Tool Kit, Includes 12 Adapters
PFM66522	Harmonic Balancer Installation Tool, Early Ford, Includes 5/8"-18 & 3/4"-16 Threaded Ends NEW!
PFM66525	Harmonic Balancer Installation Tool, 2004-Up Ford, M12 x 1.5, 6" Long NEW!

Digital Valve Spring Tester PFM66776

Digital bench-top valve spring tester is the most accurate method to check spring pressure. Manufactured from precision-machined billet aluminum, unit includes a backlit digital display that reads up to 1,000 lbs. of pressure in 1-lb. increments. Unit can test springs up to 1.5" diameter and up to 4" tall, and includes peak hold and automatic shut-off features.



Valve Spring Height Micrometer PFM66902

Measure valve spring height accurately on an assembled engine. Install the micrometer in place of valve spring and rotate the tool until the valve, retainer, and locks are tight. Tool has a range of 1.600" to 2.100" and works with most V-8's.



Tall Valve Spring Height Micrometer for Beehive Valve Springs PFM67390

Adjustable height micrometer allows precise measurement of valve spring installed height in a range of 1.600"-2.100". Simply install the height micrometer in place of the valve spring and follow by rotating the dial to expand the tool to seat the valve, retainer, and locks. Fits most engines with beehive valve springs.



Pneumatic Valve Spring Compressor PFM66849

Ease cylinder head disassembly with pneumatic valve spring compressor. Air-operated tool builds up to 350 lbs. of force with 125 PSI of air pressure and will operate on a minimum 100 PSI. Tool includes slides for adjustment, and a locking pin provides easy, rapid installation. Compatible with most popular cylinder heads.



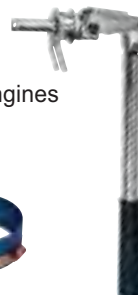
GM LS Valve Spring Compressor Tool PFM67603

Valve spring compressor, designed for use with GM LS engines, is compact, easy to use, and works with common hand tools.



Stud Mount Valve Spring Compressor PFM66784

Quickly remove valve springs from assembled engines with 3/8" or 7/16" rocker studs.



Adjustable Ring Compressor

Tapered compressor eases piston installation and is compatible with a range of bore sizes. More economical than single bore size compressors.



Part No.	Description
PFM66766	Adjustable Ring Compressor, 4.000"-4.090" Bore
PFM66767	Adjustable Ring Compressor, 4.125"-4.205" Bore
PFM66768	Adjustable Ring Compressor, 4.205"-4.310" Bore

Billet Aluminum Piston Ring Squaring Tool

Typically required when file-fitting piston rings, tool allows installing piston rings squarely in cylinder bore so that ring end gap may be measured precisely.



Part No.	Description
PFM67656	4.000"-4.230"
PFM67654	4.240"-4.380"

Manual Piston Ring Filer

File piston rings quickly and precisely.



Part No.	Description
PFM66785	Manual Piston Ring Filer
PFM66786	Replacement Carbide Wheel

6-Volt Electric Piston Ring Filer PFM66765

Powerful, rechargeable 6-volt battery-powered tool accurately sets and files ring end gaps. Includes (2) 120-grit grinding wheels and re-charger.



120-Volt Electric Piston Ring Filer **NEW!** PFM66758

Manufactured from high-quality aluminum, 120-volt powered electric piston ring filer allows precise, effective ring filing. Unit may be bench- or vise-mounted and is sold complete with 120-grit grinding wheel.





Digital Tire Pressure Gauge PFM67399

Featuring a backlit digital LCD display, precision tire pressure gauge reads 0-100 PSI in 0.01 increments. Gauge may be set to read in PSI, Bar, or kg/cm² and includes a bleed button for eased pressure settings.



Rod Bolt Stretch Gauge PFM66788

Tighten rod bolts properly and precisely. Position tool on the bolt to measure bolt stretch during tightening. Works with bolts up to 2.75" long.



Rocker Arm Stud Puller NEW! PFM66484

Tool eases the removal of 5/16" or 3/8" press-in rocker studs with ball bearing action.



Pipe Plug Removal Tool NEW! PFM67447

Specialized, high-quality steel tool aids in the removal of male or female pipe plugs, combining a 1/2" drive impact socket with a retractable 1/4" steel bit.



GM LS Main Cap Removal Tool NEW! PFM67485

Pro Series billet aluminum tool eases removal of GM LS main caps. Tool seats itself on the engine block and allows even, upward pressure on main cap.



Oil Pump Primers

Specialized tools allow priming engine oiling system through the distributor hole with a 3/8" drill.



Part No.	Description
PFM66896	Chevy V6/V8
PFM67566	SB Ford 260-302 with 1/4" Hex
PFM67567	SB Ford 351W, 351C, 429-460 with 5/16" Hex

Engine Oil Pump Pick-Up Installation Driver Tool PFM66491

Engineered for use with small block Chevys, black oxide-finished steel tool provides professional pick-up installation, eliminating the chance of damage or puncture during installation.



Professional Heavy-Duty Valve Spring Compressor PFM66764

Heavy-duty tool allows valve spring removal with the cylinder heads off. Tool features a reinforced compression-hold handle, reinforced adjustable arm with dual locking pins, and an aluminum spring cup insert for improved alignment. Silver powder-coated finished.



Economy Stud-Mount Valve Spring Compressor PFM66848

Designed to aid valve spring removal with the heads on the engine, durable stud-style compressor can be used to compress virtually any spring. Tool fits 3/8" or 7/16" rocker studs and is black oxide-finished for corrosion resistance.



Four-Piece Aluminum AN Wrench Set PFM66988

Billet aluminum wrenches allow tightening or loosening aluminum AN fittings without damage. Color-coded, -6, -8, -10, and -12 wrenches are sold complete with nylon zip-pouch storage bag.



Crankshaft Turning Nut and Bolt PFM67426

Made to fit small block Chevy and V6, grade 8 bolt assembly installs through the harmonic balancer. The turning nut is then installed and tightened, allowing easy engine rotation.



PGESB350CFS4



PGEF302CFAL



PGESB350F

Billet Steel Main Bearing Caps

Billet main caps offer increased bottom end strength. Many of the billet caps listed are for converting a two-bolt main block to a more durable four-bolt main.

Part No.	Description
Small Block Chevy 265-350	
PGESB350CFA	350 Flat Bottom Angle Caps for Blocks with 2-or 4-Bolt Register
PGESB350CFS4	350 Center Caps, OEM Replacement, 4-Bolt Caps/4-Bolt Blocks
PGESB350CSA2	350 Splayed Center Caps, 4-Bolt Caps/2-Bolt Blocks
PGESB350CSA4	350 Step Bottom Angle Caps for Small Journal 283-327 with Stock Register
PGESP350C15S	350 Splayed Center Caps, 4-Bolt Caps/2-Bolt Blocks
PGESB350F	327-350 (Large Journal) Front Main Bearing Cap, 2-Bolt
PGESB350RWS	350 Rear Main Bearing Cap, 2-Pc. Rear Main Seal, Wet Sump App.
PGESB350RWSL	350 Late Rear Main Bearing Cap, 1-Pc. Rear Main Seal, Wet Sump App.
PGESB350RSWS	350 Rear Main Cap Support Strap, Wet Sump App.
PGESBFS	283-350 Front Main Cap Support Strap

Part No.	Description
Small Block Chevy 400	
PGESB400CFA	400 Flat Bottom Angled Caps, 4-Bolt Caps/2-Bolt Blocks
PGESB400CSA	400 Splayed Center Caps, 4-Bolt Caps/2-Bolt Blocks
PGESP400CSR	400 Sportsman Center Main Caps, 4-Bolt Blocks
PGESB400F	400 Front Main Bearing Cap, 2-Bolt
PGESB400RSWS	400 Rear Main Cap Support Strap, Wet Sump App.
PGESBFS	400 Front Main Cap Support Strap
Small Block Ford 289-302	
PGEF302CFAL	Flat Bottom Splayed Center Main Caps for Late 302 with 1-Pc. Rear Main Seal



GM Radiator Insulators

NEW! PTN7-1711BL

Insulators are used to help mount and secure radiator. Fits small block Chevys fit to 1970-77 Chevy Monte Carlo, 1970-81 Camaro, 1968-72 Chevelle, and others. Sold per pair in black only.

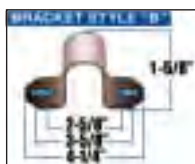


Universal Sway Bar Bushings

Universal black sway bar bushing sets deliver superior handling. Sold in pairs with matching heavy-duty brackets. Black only.

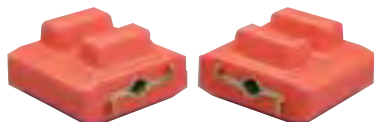


Part No.	Description
Bracket Style "B"	
PTN19-1133BL	15/16" Sway Bar Dia.
PTN19-1134BL	1" Sway Bar Dia.
PTN19-1136BL	1-1/8" Sway Bar Dia.
PTN19-1137BL	1-1/4" Sway Bar Dia.



Chevrolet Engine Mounts

Durable urethane engine mounts for early Chevy engines limit unwanted movement and control torque for a quicker and better handling race car. Prothane mounts are strong and tough without the vibration of solid steel mounts. Sold in pairs. Offered in black or red.



Description	Black	Red
"Short and Wide" Engine Mount	PTN7-504BL	PTN7-504
Small Clam Shell Engine Mount Insert	PTN7-506BL	PTN7-506

GM Transmission Mount

Mount controls undesirable drivetrain twist and fits most popular rear-wheel-drive, V-8-powered applications. Offered in black or red.

Part No.	Color
PTN7-1604BL	Black
PTN7-1604	Red



Jackpad PTN19-1405

Installs onto the lifting pad of hydraulic floor jacks, protecting chassis from damage. Jackpad has 5" diameter. Red only.



GM Control Arm Bushing Kits

Each kit includes (8) control arm bushings with shells. Bushings are offered in black only.



Part No.	Description
Front Control Arm Bushings	
PTN7-214BL	1974-79 Impala/Caprice, 1974-77 Malibu/Cutlass/Regal/LeMans, 1975-79 Camaro/Firebird, 1.625" O.D. Ft. Lower
PTN7-217BL	1967-72 Chevelle/Skylark/Cutlass, 1967-69 Camaro/Firebird, Round Lower
PTN7-222BL	1967-72 Chevelle/Skylark/Cutlass/LeMans, Oval Lower
PTN7-223BL	1978-88 Malibu/Monte Carlo/Regal/Cutlass/LeMans
Rear Control Arm Bushings	
PTN7-225BL	1965-88 Chevelle/Malibu/Monte Carlo/Cutlass/Regal/LeMans/Grand Prix
PTN7-312BL	1978-96 Impala/Caprice

End Link Bushing Kits

Bushing kits include (8) bushings and washers, (2) each of end link spacers, bolts, and nuts. Black only.



Part No.	Description
PTN19-405BL	3-1/4" Long Kit
PTN19-406BL	3-1/2" Long Kit
PTN19-408BL	4-1/4" Long Kit
PTN19-409BL	4-1/2" Long Kit

Note: To determine the proper length end link kit required, make sure that the sway bar ends are parallel to the control arms prior to measuring. Then measure the distance from the sway bar to the control arm.

End Link Bushings Only PTN19-426BL

Use 3/4" x 1-1/4" O.D. end link bushings where replacement of original hardware isn't necessary. Bushings are available in black only. Pack of four.



Vice Jaw Pads PTN19-1450BL

Protect delicate projects that must be clamped in a vice. Strong magnets keep the pads in place and they are easily cut to fit. Sold in pairs. Black only.



Pro/Sport Harmonic Dampers

Manufactured from high quality carbon steel, Pro/Sport harmonic dampers are spin tested to 12,500 RPM and meet stringent SFI 18.1 specifications. Unit combines the benefits of a bonded elastomer and an inertia ring, retained with a heavy-duty retention plate and held in place with six high tensile fasteners. Each balancer includes 60° of permanently engraved timing marks. Externally-balanced units include removable counterweights to add interchangeability.

Part No.	Description
PRH31262	SB Chevy 262-350, Int. Balance, 6.1" Dia., 5.4 lbs.
PRH32560	GM LS1/LS2, Int. Balance, 25% Underdrive, 11.0 lbs.
PRH32561	GM LS1/LS2/LS3/LS6/L98, 25% Underdrive, 11.7 lbs.
PRH34260	GM LS1/LS2, Int. Balance, 7.25" Dia., 5.6 lbs.
PRH34261	GM LS1/LS2/LS3/LS6, Int. Balance, 7.25" Dia., 5.7 lbs.
PRH34262*	SB Chevy 262-350, Int. Balance, 6.61" Dia., 4.6 lbs.
PRH34265	SB Chevy 262-350, Int. Balance, 6.1" Dia., 4.5 lbs.
PRH34266	SB Chevy 400, Ext. Balance, 6.61" Dia., 5.1 lbs.
PRH34269†	SB Ford 289-351W (Exc. Late 5.0L), Ext. (28 Oz) Balance, 6.61" Dia., 4.9 lbs.

*Balancer is not drilled to accept SBC 400 counterweight PRH35266. †Drilled for 3- and 4-bolt pulleys.



"A" Series Aluminum Smooth Body Shocks

Twin-tube, "A" Series smooth-body shocks, suited for use on Late Models, Open Wheels, and Modifieds, offer superior driver feel and ultimate traction. Fully rebuildable and revalvable, each shock is serial numbered, dyno tested, and sold complete with dyno sheet. Shocks include bearing ends. Simply purchase PROC300 to convert these shocks to coil-over units.

Part No.	Stroke	Collapsed Length	Extended Length	Damping Comp./Rebound
PROA646B	6"	11.50"	17.50"	4/6
PROA650B	6"	11.50"	17.50"	5/5
PROA653B	6"	11.50"	17.50"	5/3
PROA740B	7"	12.50"	19.50"	4/4
PROA745B	7"	12.50"	19.50"	4/5
PROA746B	7"	12.50"	19.50"	4/6
PROA750B	7"	12.50"	19.50"	5/5
PROA751B	7"	12.50"	19.50"	5/1
PROA752B	7"	12.50"	19.50"	5/2
PROA754B	7"	12.50"	19.50"	5/4
PROA762B	7"	12.50"	19.50"	6/2
PROA763B	7"	12.50"	19.50"	6/3
PROA838B	8"	13.50"	21.50"	3/8
PROA846B	8"	13.50"	21.50"	4/6
PROA847B	8"	13.50"	21.50"	4/7
PROA848B	8"	13.50"	21.50"	4/8
PROA849B	8"	13.50"	21.50"	4/9
PROA939B	9"	14.50"	23.50"	3/9
PROA940B	9"	14.50"	23.50"	4/4
PROA945B	9"	14.50"	23.50"	4/5
PROA946B	9"	14.50"	23.50"	4/6
PROA947B	9"	14.50"	23.50"	4/7
PROA948B	9"	14.50"	23.50"	4/8
PROA950B	9"	14.50"	23.50"	5/5
PROA956B	9"	14.50"	23.50"	5/6
PROA957B	9"	14.50"	23.50"	5/7
PROA960B	9"	14.50"	23.50"	6/6



Coil-Over Kits for "ACF" Series

Part No.	Description
PROC352	Coil-Over Kit, 2-1/2", Flat Spring Seat
PROC353	Coil-Over Kit, 2-1/2", Tapered Spring Seat



Shock Absorber Hardware

A wide variety of replacement hardware is offered for both aluminum and steel-body shock absorbers.



Part No.	Description
PROB200A	Aluminum Bearing End, 2" Body Coil-Over Shocks, 1/2" I.D. Hole
PROB212	Standard Billet Rod End, ACF Shocks
PROB212-1	1" Extended Billet Rod End, ACF Shocks
PROB275	Aluminum Bearing End, 1.63" Body Coil-Over Shocks, 1/2" I.D. Hole
PROC305	Coil-Over Snap Ring, 2" Body Shocks
PROC510	1" Shock Extension
PROC520	2" Shock Extension
PROS500	Eye Ring, Screw-On with 1/2" Sleeve
PROS506	Stud Mount, Straight Threaded Stem-Type Shock End
PROS512/514	GM Bar Pin Assembly, 9/16"
PROWB200	Steel Bearing End, 2" Body Coil-Over Shocks, 1/2" I.D. Hole
PROZ902	Spanner Wrench, Allows Easy Coil-Over Adjustments
AFC10157	Large Diaper Pin

Coil-Over Kit PROC300

Aluminum coil-over kit for regular size 2" body "A" series coil-over shocks.



"ASB" Series Aluminum Small Threaded-Body Shock Absorbers **NEW!**

Smooth-and threaded-body, twin tube aluminum shock absorbers are engineered to offer superior driver feel, resulting in improved traction. Shocks, have a 1.63" O.D., and are hand-built, serial numbered, and dyno tested. Rebuildable and revalvable. Sold complete with bearings, travel indicator, and jam nut.

Part No.	Stroke	Collapsed Length	Extended Length	Damping Comp./Rebound
PROASB635B	6"	12.50"	19.50"	3/5
PROASB636B	6"	12.50"	19.50"	3/6



"AC" Series Aluminum Threaded-Body Shocks

The "AC" Series shock is made from a high-tech aluminum impact extrusion and machined to the highest of standards. Available in strokes from 5" to 9", threaded-body shock eliminates the threaded tube from the coil-over kit. Shocks include bearing ends. Simply purchase PROC320 to convert these shocks to coil-over units.

Part No.	Stroke	Collapsed Length	Extended Length	Damping Comp./Rebound
PROAC550B	5"	10.50"	15.50"	5/5
PROAC557B	5"	10.50"	15.50"	5/7
PROAC730B	7"	12.50"	19.50"	3/3
PROAC740B	7"	12.50"	19.50"	4/4
PROAC746B	7"	12.50"	19.50"	4/6
PROAC750B	7"	12.50"	19.50"	5/5
PROAC754B	7"	12.50"	19.50"	5/4
PROAC760B	7"	12.50"	19.50"	6/6
PROAC770B	7"	12.50"	19.50"	7/7
PROAC940B	9"	14.50"	23.50"	4/4
PROAC946B	9"	14.50"	23.50"	4/6
PROAC950B	9"	14.50"	23.50"	5/5





Suggested "AC" Part Numbers for Asphalt Late Models

	Left	Right
Under 2100 lbs.		
Front	PROAC750B	PROAC760B
Rear	PROAC940B	PROAC940B
2100 lbs. and Over		
Front	PROAC760B	PROAC760B
Rear	PROAC950B	PROAC950B
Up to 2800 lbs. Average Track		
Front	PROAC760B	PROAC760B
Rear	PROAC940B	PROAC940B
Up to 2800 lbs. High Bank/High Speed Track		
Front	PROAC770B	PROAC770B
Rear	PROAC950B	PROAC950B
2800 lbs. and Over		
Front	PROAC770B	PROAC770B
Rear	PROAC950B	PROAC950B

Coil-Over Kit PROC320

Aluminum coil-over kit for 2" body "AC" shocks. Includes upper spring seat, threaded adjuster and pin.



WB Series Steel Shock Absorbers

Popular on Modifieds, Super Stocks, or Street Stocks, redesigned black steel-bodied shock absorbers accept coil-over kits. Available in 7" and 9" strokes with several different valvings. Has bearing welded on both ends. May be run upside down.

Part No.	Stroke	Collapsed Length	Extended Length	Damping Comp./Rebound
PROWB735BK	7"	12.50"	19.50"	3/5
PROWB74BK	7"	12.50"	19.50"	4/4
PROWB746BK	7"	12.50"	19.50"	4/6
PROWB75BK	7"	12.50"	19.50"	5/5
PROWB753BK	7"	12.50"	19.50"	5/3
PROWB76BK	7"	12.50"	19.50"	6/6
PROWB763BK	7"	12.50"	19.50"	6/3
PROWB77BK	7"	12.50"	19.50"	7/7
PROWB791BK	7"	12.50"	19.50"	9/1
PROWB93BK	9"	14.50"	23.50"	3/3
PROWB935BK	9"	14.50"	23.50"	3/5
PROWB94BK	9"	14.50"	23.50"	4/4
PROWB946BK	9"	14.50"	23.50"	4/6
PROWB95BK	9"	14.50"	23.50"	5/5
PROWB953BK	9"	14.50"	23.50"	5/3
PROWB96BK	9"	14.50"	23.50"	6/6
PROWB97BK	9"	14.50"	23.50"	7/7



Coil-Over Kits for WB Series

Coil-over kits are designed for use with black body "WB" series shocks.

Part No.	Description
PROC300WB	Coil-Over Kit, 2-1/2"
PROC327WB	Coil-Over Kit, 5"



DANIELLE OSBORNE

Suggested "WB" Part Numbers for Limited Late Models, Sportsman, and Modified Cars

	Left	Right
Average Pavement Track		
Front	PROWB76BK	PROWB76BK
Rear	PROWB95BK	PROWB95BK
Fast Pavement Track		
Front	PROWB77BK	PROWB77BK
Rear	PROWB96BK	PROWB96BK
Average Dirt Track		
Front	PROWB76BK	PROWB76BK
Rear	PROWB95BK	PROWB95BK
Tacky or Rough Dirt Track		
Front	PROWB77BK	PROWB77BK
Rear	PROWB96BK	PROWB96BK
Slick or Slow Dirt Track		
Front	PROWB75BK	PROWB763BK
Rear	PROWB94BK	PROWB94BK

Note: Take Apart or Pro Gas series shocks may be substituted for above recommendations.

Steel Take-Apart Shock Absorbers

Gold iridite plated shocks may be converted to coil-over units with kit PROC300. Offered in 7" and 9" strokes with several different valvings. Take-apart shocks accept bearing ends, which must be purchased separately.

Part No.	Stroke	Collapsed Length	Extended Length	Damping Comp./Rebound
PROTA730	7"	12.50"	19.50"	3/3
PROTA740	7"	12.50"	19.50"	4/4
PROTA7410	7"	12.50"	19.50"	4/10
PROTA7412	7"	12.50"	19.50"	4/12
PROTA7414	7"	12.50"	19.50"	4/14
PROTA746	7"	12.50"	19.50"	4/6
PROTA748	7"	12.50"	19.50"	4/8
PROTA750	7"	12.50"	19.50"	5/5
PROTA7510	7"	12.50"	19.50"	5/10
PROTA7511	7"	12.50"	19.50"	5/11
PROTA7512	7"	12.50"	19.50"	5/12
PROTA7514	7"	12.50"	19.50"	5/14
PROTA753	7"	12.50"	19.50"	5/3
PROTA758	7"	12.50"	19.50"	5/8
PROTA759	7"	12.50"	19.50"	5/9
PROTA760	7"	12.50"	19.50"	6/6
PROTA7611	7"	12.50"	19.50"	6/11
PROTA762	7"	12.50"	19.50"	6/2
PROTA763	7"	12.50"	19.50"	6/3
PROTA767	7"	12.50"	19.50"	6/7
PROTA768	7"	12.50"	19.50"	6/8
PROTA770	7"	12.50"	19.50"	7/7
PROTA791	7"	12.50"	19.50"	9/1
PROTA935	9"	14.50"	23.50"	3/5
PROTA936	9"	14.50"	23.50"	3/6
PROTA940	9"	14.50"	23.50"	4/4
PROTA946	9"	14.50"	23.50"	4/6
PROTA950	9"	14.50"	23.50"	5/5
PROTA960	9"	14.50"	23.50"	6/6
PROTA962	9"	14.50"	23.50"	6/2
PROTA991	9"	14.50"	23.50"	9/1
PROTA992	9"	14.50"	23.50"	9/2



RYAN OSBORNE

MARCUS BERGLUND



"TA-SS" Series Stock-Mount Shocks

Designed specifically for classes requiring a stock-mount shock, steel-body shocks are offered in many different valving combinations. Ideal for Street Stocks, Hobby Stocks, and Sport Mod race cars. Factory repairable and revalvable.

Part No.	Position	Stroke	Compression	Rebound
Full/Mid-Size				
GM and Ford; Camaro/Firebird, 1970-81				
PROTASS100453	Front	4"	5	3
PROTASS100450	Front	4"	5	5
PROTASS1004511	Front	4"	5	11
PROTASS100458	Front	4"	5	8
PROTASS100460	Front	4"	6	6
PROTASS1004610	Front	4"	6	10
PROTASS100470	Front	4"	7	7
Camaro/Firebird, 1970-81				
PROTASS200846	Rear	8"	4	6
PROTASS200862	Rear	8"	6	2
Full/Mid-Size GM				
PROTASS201840	Rear	8"	4	4
PROTASS201846	Rear	8"	4	6



Street Series Forged Pistons

Manufactured by Wiseco, ProTru Street Series are affordable are affordable forged pistons with features normally found only in more expensive pistons. Pistons are forged from 4032 aluminum, include over-sized symmetrical, radiused valve pockets, precision-finished piston pin bores, pin oiling, and ArmorGlide skirt coating. Sold in sets of eight complete with chromium alloy steel piston pins, Spirolox, and piston rings.

Part No.	Bore	Stroke	Rod Length	Comp. Ht.	Comp. Ratio
SB Chevy 350 Street Series 23° Hollow Dome					
WPTPTS502A3	4.030"	3.480"	5.700"	1.560"	12.0:1
WPTPTS502A4	4.040"	3.480"	5.700"	1.560"	12.2:1
WPTPTS502A6	4.060"	3.480"	5.700"	1.560"	12.2:1
SB Chevy 350 Street Series 23° Flat Top (2-Valve Pockets)					
WPTPTS503A3	4.030"	3.480"	5.700"	1.560"	9.8:1
WPTPTS505A3	4.030"	3.480"	6.000"	1.260"	9.8:1
WPTPTS505A6	4.060"	3.480"	6.000"	1.260"	10.0:1
WPTPTS503A6	4.060"	3.480"	5.700"	1.560"	10.0:1
WPTPTS506A4	4.040"	3.750"	6.000"	1.125"	10.5:1
WPTPTS506A6	4.060"	3.750"	6.000"	1.125"	10.5:1
WPTPTS504A3	4.030"	3.750"	5.700"	1.425"	10.5:1
WPTPTS504A6	4.060"	3.750"	5.700"	1.425"	10.7:1
WPTPTS506A3	4.030"	3.750"	6.000"	1.125"	10.5:1
SB Chevy 400 Street Series 23° Hollow Dome					
WPTPTS535AS	4.125"	3.750"	6.000"	1.125"	13.3:1
WPTPTS525A3	4.155"	3.750"	6.000"	1.125"	10.4:1
WPTPTS535A4	4.165"	3.750"	6.000"	1.125"	13.6:1
SB Chevy 400 23° Flat Top (2-Valve Pockets)					
WPTPTS507A3	4.155"	3.480"	5.700"	1.560"	11.6:1
WPTPTS510A3	4.155"	3.750"	5.700"	1.425"	11.6:1
WPTPTS510A4	4.165"	3.750"	5.700"	1.425"	11.6:1
WPTPTS525A3	4.155"	3.750"	6.000"	1.125"	11.6:1
SB Chevy Gen. III LS1					
WPTPTS523A903	3.903"	3.622"	6.098"	1.335"	10.7:1

Note: SB Chevy compression ratios are based upon 64cc combustion chamber volume.



KATIE ROBINSON

MARCUS BERGLUND



CHAPMAN RACING



EZ Tear Single Pull Tear-Off Ramps

EZ Tear eases tear-off removal, guiding your hand to the top of the tear-off and allowing easy removal. Eliminates the problems associated with locating the end of the tear-off or accidentally pulling off multiple tear-offs at once. Universal design fits any helmet and accepts any brand of tear-off, attaching simply between the shield and tear-off post. Offered in a wide variety of colors including mix and match combo packages.

Part No.	Description
Single Color Packages	
PULEZTS101BK	Black
PULEZTS101BL	Blue
PULEZTS101GR	Green
PULEZTS101PNK	Pink
PULEZTS101R	Red
PULEZTS101W	White
PULEZTS101YL	Yellow
Combo Packages	
PULEZTS102BKP	Black w/Silver Tear-Off Posts
PULEZTS102BLP	Blue w/Silver Tear-Off Posts
PULEZTS102GRP	Green w/Silver Tear-Off Posts
PULEZTS102PNK	Pink w/Black Tear-Off Posts
PULEZTS102RP	Red w/Silver Tear-Off Posts
PULEZTS102YLP	Yellow w/Silver Tear-Off Posts
PULEZTS102WP	White w/Silver Tear-Off Posts
Aluminum Tearoff Posts Only	
PULATP001BL	Blue
PULATP001G	Gold
PULATP001GR	Green
PULATP001R	Red
PULATP001S	Silver



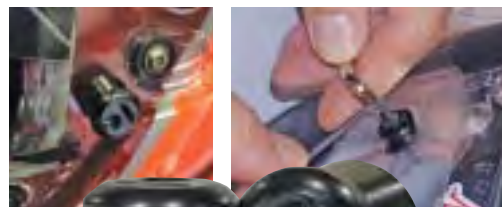
PULEZTS101W
(Mounted)

PULEZTS101BK



PULEZTS102BLP

Lockdown Tear-Off Posts **NEW!**



Tear-off posts, which use a custom, low profile screw with a hex in the tip, allow performing all adjustments at the front of the helmet, eliminating the need to remove the face shield or reach inside the helmet.

Part No.	Description
PULLTP001BK	Black Tear-Off Post Lockdowns, with Tools
PULLTP001TK	Black Tear-Off Post Lockdown Parts Kit

PYROTECT

Elite Fuel Cells

Top-of-the-line fuel cells are constructed using a steel container (unless specified) that is fitted with a durable, double-coated urethane fabric bladder. Each cell incorporates full foam baffling, internal fuel strainers, single -8AN or -10AN pickup, -8AN vent check valve fitting, and a standard modular fill plate with 3-1/2" threaded cap and billet rollover valve. FIA/FT3-approved for use by all major sanctioning bodies, cells are compatible with pump gas, racing gas, AVGAS, and Gasohol. Not for use with alcohol.



PYRPE118

Part No.	Capacity	Length	Width	Height
PYRPE112	12 Gallon	20.75"	17.87"	9.5"
PYRPE118	18 Gallon	28"	17.12"	9.875"
PYRPE122D-2.25FF*	22 Gallon	33"	17"	9.25"
PYRMSPE122-A†	22 Gallon	34"	19"	11" F. x 6" R.

* 2.25" Fast Fill. † Angle bottom, raw aluminum container.

Touring Fuel Cell

Touring fuel cells utilizes a steel containers that is fitted with an ultra-durable, double-coated urethane fabric bladder. FIA/FT3 approved fuel cells includes full foam baffling, internal fuel strainers, dual pickups, single -8AN vent check valve fitting, and a standard modular fill plate with 3-1/2" threaded cap and billet rollover valve. Cells are fully compatible with pump gas, racing gas, AVGAS, and Gasohol. Not for use with alcohol.



PYRPT118

Part No.	Capacity	Length	Width	Front	Rear
PYRPT118	18 Gallon	28"	17.12"	11"	5.5"

Fuel Cell Accessories



Part No.	Description
PYRNV.25	Nylon Washer 1/4"
PYROR2.5	Filler Cap O-Ring, 2-1/2" Cap
PYROR3	Filler Cap O-Ring, 3" Cap
PYRRCG10-4.5	Filler Neck Gasket, 10-Bolt
PYRRV010F	Remote Filler, 2-1/4", 45°

Collector Tank PYRCS100

Lightweight, fabricated aluminum collector tank is 6" x 6" x 4" and utilizes three ball check valves.



Pro Airflow Carbon Duckbill

Lightweight helmet is manufactured using a 100% carbon weave, vacuum-bagged, and autoclave-cured shell for maximum strength. Duckbill design improves aerodynamics and reduces neck strain, while the unique air channel system provides increased comfort. Removable, six-pad headliner and cheek pad system allows cleaning and resizing. Sold complete with clear polycarbonate shield. Includes M6 inserts for head and neck restraint compatibility. Meets Snell SA2020 specifications.

Part No.	Size
PYRHC701220	Small
PYRHC701320	Medium
PYRHC701420	Large
PYRHC701520	X-Large
PYRHC701620	XX-Large

Pro Sport Carbon Duckbill

Versatile, carbon-composite helmet delivers increased safety and comfort, while remaining affordable. Pro Sport is designed with a carbon-composite weave, vacuum-bagged and autoclave-cured lightweight shell for durability. Incorporated duckbill increases aerodynamics, while the P1 ventilation system with intake and exhaust ports help improve air circulation. M6 inserts allow compatibility with all head and neck restraints. Sold complete with clear polycarbonate shield. Meets Snell SA2020 specifications. Choose from standard or forced air models.

Size	Pro Sport	Pro Sport Forced Air
Small	PYRHC710220	PYRHC712220
Medium	PYRHC710320	PYRHC712320
Large	PYRHC710420	PYRHC712420
X-Large	PYRHC710520	PYRHC712520
XX-Large	PYRHC710620	PYRHC712620
XXX-Large	PYRHC710720	—



Pro Sport Duckbill

The Pro Sport Duckbill combines safety, comfort and affordability. Composite helmet is complete with a six-pad interior system for a true custom fit, while the P1 venting system delivers exceptional ventilation. Duckbill design helps improve aerodynamics and reduce neck strain to the drivers of open cockpit race cars. Meets Snell SA2020 specifications. Sold complete with clear polycarbonate shield. Traditional Pro Sport is available in white or flat black, while Pro Sport Forced Air model is offered in flat black only.

Size	Pro Sport White	Pro Sport Flat Black	Pro Sport Forced Air Flat Black
Small	PYRHW800220	PYRHB802220	PYRHB821220
Medium	PYRHW800320	PYRHB802320	PYRHB821320
Large	PYRHW800420	PYRHB802420	PYRHB821420
X-Large	PYRHW800520	PYRHB802520	PYRHB821520
XX-Large	PYRHW800620	PYRHB802620	PYRHB821620
XXX-Large	PYRHW800720	PYRHB802720	PYRHB821720



Ultra Sport Duckbill

The Ultra Sport Duckbill combines a large eyeport for exceptional visibility with superior aerodynamics. Constructed using a carbon composite weave that is vacuum bagged and autoclave cured. Unique, six-pad interior system allows resizing for a perfect fit, while the innovative headliner offers improved heat transfer. Meets Snell SA2020 specifications. Offered in flat black, flat gray or white, helmet is sold complete with clear polycarbonate shield.

Size	Flat Black	Flat Gray	White
Small	PYRHB611220	PYRHG612220	PYRHW610220
Medium	PYRHB611320	PYRHG612320	PYRHW610320
Large	PYRHB611420	PYRHG612420	PYRHW610420
X-Large	PYRHB611520	PYRHG612520	PYRHW610520
XX-Large	PYRHB611620	PYRHG612620	PYRHW610620
XXX-Large	PYRHB611720	—	PYRHW610720



Breath Deflector PYR12000015



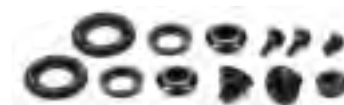
Simple to install or remove, cloth deflector directs breath down and away from face shield to help reduce fogging.

Helmet Bag PYRB21011

Fleece-lined nylon bag keeps helmet neat and clean during transport.



Helmet Pivot Kit PYRPIVOT-15



Includes necessary screws and washers to fit all Pyrotech SA2010 and SA2015 models.

Replacement Shields

A variety of .125"-thick polycarbonate replacement shields are offered to fit all SA 2010 and SA 2015 Pyrotech helmets.

Model	Clear	Fog-Free Clear	Dark Tint	Fog-Free Dark Tint	Amber	Fog-Free Amber	Blue Iridescent	Fog-Free Blue Iridescent	Chrome	Fog-Free Chrome	Gold Chrome
SA2010/2015	PYR9710-10	PYR9710-10AF	PYR9713-10	PYR9713-10AF	PYR9715-10	PYR9715-10AF	PYR9720-10	PYR9720-10AF	PYR9725-10	PYR9725-10AF	PYR9730-10



Sportsman SFI-1 Deluxe One-Piece Racing Suit

Lightweight and comfortable, single-layer suits are constructed from fire-retardant cotton and incorporate vented waist expansion panels and 360° vented arm attachments for increased movement and comfort. Attractive accent piping and shoulder epaulets help provide a professional appearance. Meets SFI 3.2A/1 specifications. Offered in black, blue, or red.

Size	Black	Red	Blue
Small	PYR110101	—	—
Medium	PYR110201	—	—
Large	PYR110401	—	PYR110403
X-Large	—	—	PYR110503
XX-Large	—	PYR110602	PYR110603
XXXXX-Large	PYR110900	—	—



Pro Series SFI Socks

Xtra Heavy-Duty (XHD) cushioned airflow socks offer added protection and comfort. SFI-approved socks are offered in black only.

Size	Part No.
X-Small	PYR45409000
Small	PYR45411000
Medium	PYR45412000
Large	PYR45414000
X-Large	PYR45416000



Sport Series SFI Innerwear

Designed for use with any driving suit, ultra-thin innerwear is SFI-rated for use as underwear, yet it may be worn under Nomex underwear for added thermal protection. Soft and absorbent innerwear tops and bottoms are offered in black only.

Size	Part No.
Tops	
XX-Small	PYR4800098
X-Small	PYR4800099
Small	PYR4800100
Medium	PYR4800200
Large	PYR4800400
X-Large	PYR4800500
XX-Large	PYR4800600
Bottoms	
X-Small	PYR4810099
Small	PYR4810100
Medium	PYR4810200
Large	PYR4810400
X-Large	PYR4810500



Sport Series SFI Racing Shoes

High-top design shoes incorporate a flexible rubber outer sole with a fire-retardant suede leather exterior and fleece-lined Nomex interior. Adjustable, padded wrap-around ankle support adds comfort and style. Meets SFI 3.3/5 specifications. Offered in black only.

Size	Part No.
6	PYRX48060
9	PYRX48090
10	PYRX48100
10-1/2	PYRX48105
11	PYRX48110
11-1/2	PYRX48115
12-1/2	PYRX48125
13	PYRX48130
14	PYRX48140
15	PYRX48150
16	PYRX48160



Sport Race Seat PYRSEA-1000-B

Ideal for applications with tight cockpits and minimal headroom, the Sport Race Seat model is the perfect entry-level seat. Seat is constructed using a gel-coated fiberglass shell with strategically-placed memory foam and shock-absorbing material that is finished with velour and leather for exceptional safety and comfort. Compatible with 5- or 6-point restraints, seat weighs 21.5 lbs. and meets FIA 8855-1999 standards. Fits up to a 38" waist. Black only.



Seat Mounting Brackets

Engineered for mounting Pyrotech seats, fixed steel seat mounting brackets ease seat installation. Pre-drilled holes allow height and angle adjustment. Sold per pair, complete with necessary hardware.

Part No.	Description
PYRBKT-1010-B	Seat Mounting Brackets, 4.3" Tall



Seat Sliders PYRSSK-1000 NEW!

Designed to ease racing seat installation and provide adjustability, seat sliders bolt directly to Pyrotech seats. Rigid steel brackets are fully assembled offer a wide range of adjustability. Sold complete with required hardware.*For added safety, an adjustable seat back brace should be utilized when using adjustable seat mounts.



Standard SFI 5-Point Latch-and-Link Harnesses

Premium, 5-point latch-and-link harnesses combine heavy-duty 3" shoulder and lap belts with forged quick-draw latch system and submarine belt. Harnesses listed include bolt-in style mounting and pull-down adjust. Choose from black or red.

Description	Black Part No.	Red Part No.
5-Pt. Latch & Link, 3" Lap & Shoulder	PYRH351010PD	PYRH351020PD
5-Pt. Latch & Link, 3"/2" Shoulder, HANS	PYRH352010PD	—



Standard SFI 5-Pt. Cam-Lock Harnesses

Cam-Lock harnesses include premium European cam mechanisms, deluxe hardware, 3" lap and shoulder belts, and 1" submarine belt. Harnesses listed include bolt-in style mounting and pull-down adjust. Choose from black or red.

Description	Black Part No.	Red Part No.
5-Pt. Cam-Lock Harness, 3" Lap & Shoulder	PYRH351210PD	PYRH351220PD



Equipment Bags NEW!

Pyrotech offers several heavy-duty equipment bags, each emblazoned with the Pyrotech logo and incorporating backpack-style straps. Extra-large rolling equipment bag features a pull-out handle and wheels to ease transport.

Part No.	Description
PYRB0010	3-Compartment Equipment Bag, 26L x 12"W x 13"H
PYRB0050	6-Compartment Equipment Bag, 21"L x 16"W x 13"H
PYRB0060	9-Compartment Rolling Equipment Bag, 36"L x 16.5"W x 17.5"H



Steel Monotube Shocks

26A Series IMCA-Legal

Steel monotube, gas-pressurized shocks include a sealed hypscrew, allowing adjustability only by QA1 or QA1's authorized rebuilders per IMCA rules (unless specified). Shocks feature an electroless nickel-plated body for corrosion resistance and are offered with linear or digressive pistons. Linear shocks include an "M" suffix in the part number.

Part No.	Valving Comp./Rebound	Comp. Length	Extended Length
7" Stroke Shock Absorbers			
QA126A73-5*	3-5	13.40"	20.63"
QA126A73-5M†	3-5	13.40"	20.63"
QA126A73-7*	3-7	13.40"	20.63"
QA126A73-7M†	3-7	13.40"	20.63"
QA126A74M†	4	13.40"	20.63"
QA126A75M†	5	13.40"	20.63"
QA126A75-3*	5-3	13.40"	20.63"
QA126A75-3M†	5-3	13.40"	20.63"
QA126A76-2*	6-2	13.40"	20.63"

9" Stroke Shock Absorbers			
QA126A912-2M†	12-2	15.40"	24.63"
QA126A912-2M‡	12-2	15.40"	24.63"
QA126A93-5M†	3-5	15.40"	24.63"
QA126A94M†	4	15.40"	24.63"
QA126A95M†	5	15.40"	24.63"
QA126A97-2M†	7-2	15.40"	24.63"
QA126A98-2*	8-2	15.40"	24.63"
QA126A98-2M†	8-2	15.40"	24.63"

* Digressive shock absorber. † Linear shock absorber. ‡ Signifies non-IMCA-legal linear shock with adjustable Hyperscrew.



Steel Monotube Stock-Mount Shocks

27A Series IMCA-Legal

Similar to the 27 series, but the gas pressure tunability has been disabled to meet IMCA rules (unless specified). Stock-mount, IMCA-legal shock absorbers include a damping curve that allows for complete suspension control at low shaft speeds without creating extreme forces at high shaft velocities. Racer rebuildable and revalvable, electroless nickel-plated body shocks are made in the USA, 100% dyno tested, and serialized.

Part No.	Application	Valving Comp./Rebound	Comp. Length	Extended Length
QA127A6812-2M*	GM Metric Rear	12-2	14.30"	22.63"
QA127A683-5M	GM Metric Rear	3-5	14.30"	22.63"
QA127A685M	GM Metric Rear	5	14.30"	22.63"
QA127A688-2M	GM Metric Rear	8-2	14.30"	22.63"
QA127A943-5M	GM Metric Front	3-5	9.40"	14.00"
QA127A943-8M	GM Metric Front	3-8	9.40"	14.00"
QA127A945-3M	GM Metric Front	5-3	9.40"	14.00"

* Signifies non-IMCA-legal shock with adjustable Hyperscrew feature.



GARY VANDERMARK

JOHNNY B IMAGERY

Steel Replaceable Bearing Shocks 51 Series

Twin-tube 51 series shocks now incorporate an in-house machined body with a 2mm larger inside diameter to allow easier gas bag installation. Deflective disc valving provides increased sensitivity in valving response, control, and consistency. May be run upside-down.

Part No.	Valving Comp./Reb.	Comp. Length	Ext. Length
QA15173	3	13.38"	20.30"
QA15173-5	3-5	13.38"	20.30"
QA15173-8	3-8	13.38"	20.30"
QA15174	4	13.38"	20.30"
QA15174-6	4-6	13.38"	20.30"
QA15174-10	4-10	13.38"	20.30"
QA15174-13	4-13	13.38"	20.30"
QA15175	5	13.38"	20.30"
QA15175-3	5-3	13.38"	20.30"
QA15175-10	5-10	13.38"	20.30"
QA15175-13	5-13	13.38"	20.30"
QA15176	6	13.38"	20.30"
QA15176-2	6-2	13.38"	20.30"
QA15176-4	6-4	13.38"	20.30"
QA15176-12	6-12	13.38"	20.30"
QA15177	7	13.38"	20.30"
QA15179-1	9-1	13.38"	20.30"
QA15193	3	15.38"	24.30"
QA15193-2	3-2	15.38"	24.30"
QA15193-5	3-5	15.38"	24.30"
QA15194	4	15.38"	24.30"
QA15195	5	15.38"	24.30"
QA15195-3	5-3	15.38"	24.30"
QA15196	6	15.38"	24.30"
QA15196-2	6-2	15.38"	24.30"
QA15197-2	7-2	15.38"	24.30"
QA15197-4	7-4	15.38"	24.30"
QA15198-2	8-2	15.38"	24.30"
QA15199-2	9-2	15.38"	24.30"



Steel Stock-Mount Large-Body Shocks

53 Series

Stock-mount, twin-tube shocks are manufactured using a large, 2-1/16" diameter steel shock body for improved gas bag clearance. Racer rebuildable shocks feature linear valving and are suited to Southern Sport Mods, Stock Cars, Street Stocks, Mini Stocks, and Limited Modifieds.

Part No.	Valving Comp./Reb.	Comp. Length	Ext. Length
Front Shocks			
GM Mid-Size Metric			
QA153934-8*	4-8	8.63"	12.00"
GM Mid-Size/1970-81 Camaro/Firebird			
QA153943-5	3-5	9.38"	13.50"
QA153943-8	3-8	9.38"	13.50"
QA153945-3	5-3	9.38"	13.50"
QA153947	7	9.38"	13.50"
QA153947-3	7-3	9.38"	13.50"
QA153948	8	9.38"	13.50"
GM Full Size/Ford Full/Mid-Size			
QA153957	7	10.13"	15.00"
QA153957-3	7-3	10.13"	15.00"
QA153958	8	10.13"	15.00"
Rear Shocks			
1970-81 Camaro/Firebird			
QA153583-5	3-5	13.13"	21.00"
QA153584	4	13.13"	21.00"
QA153585	5	13.13"	21.00"
GM Full/Mid-Size			
QA153683-5	3-5	13.63"	21.50"
QA153684	4	13.63"	21.50"
QA153685	5	13.63"	21.50"
QA153688-3	8-3	13.63"	21.50"
Most Fords/1979-93 Mustang			
QA153883-5	3-5	13.63"	21.00"



* Designed for the RF with a shorter compressed height for racers required to mount their shocks in the stock location. They have a 1.5" shorter extended length and 0.75" shorter compressed length than 5394 shocks.



Steel Replaceable Bearing Shocks

55 Series

Twin tube dampers have 2" O.D., chrome bodies, 9/16" hard chrome piston rod, 1-3/8" pistons and replaceable, 1/2" I.D. PTFE/Kevlar injection molded bearings.

Part No.	Valving Comp./Rebound	Comp. Length	Extended Length
7" Stroke Shock Absorbers			
QA15576	6	12.53"	19.53"
QA15576-4	6-4	12.53"	19.53"
QA15579-1	9-1	12.53"	19.53"

Aluminum Threaded-Body Shocks

62 Series

The 62 Series shock bodies are made of 6061 T-6 aluminum for strength and longevity. Use with QA1CK6201 coil-over kit.

Part No.	Valving Comp./Rebound	Comp. Length	Extended Length
7" Stroke Shock Absorbers			
QA16273	3,	13.38"	20.30"
QA16273-5	3-5	13.38"	20.30"
QA16274	4	13.38"	20.30"
QA16274-6	4-6	13.38"	20.30"
QA16275	5	13.38"	20.30"
QA16275-3	5-3	13.38"	20.30"
QA16276	6	13.38"	20.30"
QA16276-2	6-2	13.38"	20.30"
9" Stroke Shock Absorbers			
QA16293-5	3-5	15.38"	24.30"
QA16294	4	15.38"	24.30"
QA16294-7	4-7	15.38"	24.30"
QA16295	5	15.38"	24.30"
QA16296	6	15.38"	24.30"

Aluminum Threaded Twin Tube Shocks

63 Series NEW!

A sealed, non-rebuildable version of the 62 series, shocks are popular on Late Models or Modifieds that utilize coil-overs and run on dirt or asphalt. Threaded-body, twin-tube shocks offer superior grip, regardless of track conditions. ACT-legal shocks have 2" O.D. bodies, include defluctive disc valving, and may be run in any orientation without affecting the rate.

Part No.	Valving Comp./Rebound	Comp. Length	Extended Length
7" Stroke Shock Absorbers			
QA16375-400	5-400	13.38"	20.30"
QA16375-500	5-500	13.38"	20.30"
QA16375-650	5-650	13.38"	20.30"
QA16375-850	5-850	13.38"	20.30"
9" Stroke Shock Absorbers			
QA16394	4	15.38"	24.30"
QA16394-6	4-6	15.38"	24.30"
QA16395-3	5-3	15.38"	24.30"

Steel Small-Body Shocks

70 Series

Twin-tube, 1-5/8" O.D. shock bodies house aluminum pistons and base valves, 1/2" centerless ground, hard chrome piston rods, and replaceable 1/2" I.D. bearings. Shocks may be rebuilt and re-valved, and can be run upside-down to reduce unsprung weight with no change in rate.

Part No.	Valving Comp./Rebound	Comp. Length	Extended Length
6" Stroke Shock Absorbers			
QA17062-4	2-4	11.63"	17.75"
QA17063	3	11.63"	17.75"
QA17064	4	11.63"	17.75"
QA17064-2	4-2	11.63"	17.75"
7" Stroke Shock Absorbers			
QA17073	3	12.63"	19.75"
QA17074	4	12.63"	19.75"
QA17075	5	12.63"	19.75"
QA17075-3	5-3	12.63"	19.75"

Aluminum Threaded Small-Body Shocks

82 Series

Aluminum-body 82 Series shocks are up to 40% lighter than full-size shocks. Defluctive disc valving offers increased sensitivity in response, control, and consistency. Shocks are fully rebuildable, revalvable, and repairable.

Part No.	Valving Comp./Rebound	Comp. Length	Extended Length
5" Stroke Shock Absorbers			
QA18253	3	10.63"	15.75"
6" Stroke Shock Absorbers			
QA18262	2	11.63"	17.75"
QA18262-4	2-4	11.63"	17.75"
QA18263	3	11.63"	17.75"
7" Stroke Shock Absorbers			
QA18273	3	12.63"	19.75"
QA18274	4	12.63"	19.75"
QA18275	5	12.63"	19.75"

Note: Shocks are also available in 8" and 9" strokes.

2-1/2" Coil-Over Spring Spacer

QA19004-110

Engineered for use with 2-1/2" I.D. coil-over springs, spacer is 1" tall and may be used to increase spring length.



MIKE VANDERMARK JR.

JOHNNY B IMAGERY



2-1/2" I.D. Coil-Over Springs

QA1 springs are cold-wound chrome silicone steel, thoroughly heat-treated and shot-peened. Available in black or silver powder-coated finish, springs are ground square on ends for straightness and clearly marked with the free length and spring rate.

Rate	7" Silver	7" Black	9" Silver	9" Black	10" Silver	10" Black	12" Silver	12" Black	14" Silver	14" Black
80	—	—	—	—	—	—	—	—	—	QA114HT080B
95	—	—	—	—	—	—	QA112HT095	QA112HT095B	QA114HT095	QA114HT095B
100	—	—	—	—	QA110HT100	QA110HT100B	—	—	—	—
110	—	—	—	—	—	—	QA112HT110	QA112HT110B	QA114HT110	QA114HT110B
125	—	—	—	—	QA110HT125	QA110HT125B	—	—	—	—
130	—	—	—	—	—	—	QA112HT130	QA112HT130B	QA114HT130	—
140	—	—	QA19HT140	QA19HT140B	—	—	—	—	—	—
150	—	—	—	—	QA110HT150	QA110HT150B	QA112HT150	QA112HT150B	QA114HT150	QA114HT150B
170	—	—	—	—	—	—	QA112HT170	QA112HT170B	—	—
175	—	—	—	—	QA110HT175	QA110HT175B	—	—	QA114HT175	QA114HT175B
180	—	—	QA19HT180	—	—	—	—	—	—	—
200	—	—	—	—	QA110HT200	QA110HT200B	QA112HT200	QA112HT200B	QA114HT200	QA114HT200B
220	—	—	QA19HT220	QA19HT220B	—	—	QA112HT220	—	—	—
225	—	—	—	—	QA110HT225	QA110HT225B	—	—	QA114HT225	QA114HT225B
250	QA17HT250	QA17HT250B	QA19HT250	QA19HT250B	QA110HT250	QA110HT250B	QA112HT250	QA112HT250B	QA114HT250	QA114HT250B
275	—	—	—	—	QA110HT275	—	QA112HT275	—	—	—
300	QA17HT300	QA17HT300B	QA19HT300	QA19HT300B	QA110HT300	QA110HT300B	QA112HT300	QA112HT300B	QA114HT300	QA114HT300B
325	—	—	—	—	QA110HT325	—	QA112HT325	—	—	—
350	QA17HT350	QA17HT350B	QA19HT350	QA19HT350B	QA110HT350	QA110HT350B	QA112HT350	QA112HT350B	QA114HT350	QA114HT350B
375	—	—	—	—	QA110HT375	—	—	—	—	—
400	QA17HT400	QA17HT400B	QA19HT400	QA19HT400B	QA110HT400	QA110HT400B	QA112HT400	QA112HT400B	—	—
450	QA17HT450	QA17HT450B	QA19HT450	QA19HT450B	QA110HT450	QA110HT450B	QA112HT450	QA112HT450B	—	—
500	—	—	—	QA19HT500B	QA110HT500	QA110HT500B	QA112HT500	QA112HT500B	—	—
550	QA17HT550	QA17HT550B	—	QA19HT550B	—	QA110HT550B	—	—	—	—
850	—	QA17HT850B	—	—	—	—	—	—	—	—

4.10" I.D. Tapered High-Travel Springs **NEW!**

Tapered high-travel springs are manufactured from special, high-tensile chrome-silicone alloy spring wire, resulting in fewer coils, a smaller wire diameter, and a lighter spring, which reduces unsprung weight and allows the spring to react faster when compared to traditional springs. Springs are silver powder coated, ground at both ends for straightness, and clearly marked with the free length and spring rate.

Part No.	Description
QA110HTBF750	4.10" Upper I.D./2.5" Lower I.D., 10" Length x 750 lb. Rate
QA111HTBF250	4.10" Upper I.D./2.5" Lower I.D., 11" Length x 250 lb. Rate



Coil-Over Kits

Kits includes aluminum sleeve, spring cap, spring seat adjuster nut, wire ties, spring cap retainer pin, jam nut, and snap rings.

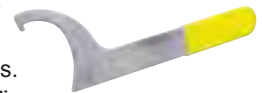


Part No.	Description
QA1CK1971C	2-1/2" I.D. Springs, 55 Series with Jam Nut
QA1CK5007	2-1/2" I.D. Springs, 20, 26, 28 & 50 Series, 9" Stroke
QA1CK5009	5" O.D. Springs, 26, 28 and 50 Series, 7" and 9" Stroke
QA1CK5105	2-1/2" I.D. Springs, 51 Series, 7" Stroke
QA1CK5107	2-1/2" I.D. Springs, 51 Series, 9" Stroke
QA1CK5109	5" O.D. Springs, 51 Series, 7" and 9" Stroke
QA1CK6007	2-1/2" I.D. Springs, 60 Series, 8" and 9" Stroke
QA1CK6201	2-1/2" I.D. Springs, 16 and 62 Series
QA1CK7001	1-7/8" I.D. Springs, 70 Series NEW!
QA1CK8201	1-7/8" I.D. Springs, 82 Series
QA19018-113	Steep Angled 2-1/2" I.D. Spring Seat, Moves Spring Mount Down 5/8" NEW!

Shock Absorber Accessories

Spanner Wrenches

Make quick, easy coil-over adjustments.



Part No.	Description
QA17888-112	(2) Thrust Bearing Kits and (2) Ratchet Spanner Wrenches for Coil-Overs NEW!
QA1T114W	Includes (2) Spanner Wrenches for 16, 26, 28, 50, 51, 60, and 62 Series
QA1T115W	Ratchet Spanner Wrench, Ideal for Adjusting Coil-Overs in Tight Spaces
QA1T120W	Includes (1) Spanner Wrench for 55, 70, and 75 Series



JOE JONES RACING

HD PHOTO



Aluminum Shock Extensions

Place the spring seat on the eye ring or on the extension itself.

Part No.	Description
QA19029-163	1" Length, 9/16"-18 Threads
QA19029-164	2" Length, 9/16"-18 Threads



Monotube Fill Tool

[QA17791-140](#)

Hyperscrew fill tool is engineered for use with 26, 27, and 28-series monotube shocks.



Rebuild Kits

Everything needed to properly rebuild QA1 shock absorbers, including PTFE carbon fiber band, piston rod seal, O-rings, and travel indicator ring.

Part No.	Description
QA1RK01	53, 51, 60, and 62 Series Shocks
QA1RK02	FC and 50 Series Shocks



Piston Dowel Pin Kit

[QA17857-103](#)

Kit fits most QA1 shock absorbers. Eight pack.



Disc Valve Packs **NEW!**

Required when tuning FC, 50, 51, 53, 60, and 62-series shocks. Sold in packs of eight.

Part No.	Description
QA17855-101	Disc Valve Pack, .708" O.D. x .015"
QA17855-103	Disc Valve Pack, .900" O.D. x .008"
QA17855-104	Disc Valve Pack, .900" O.D. x .010"
QA17855-107	Disc Valve Pack, 1.100" O.D. x .006"
QA17855-108	Disc Valve Pack, 1.100" O.D. x .008"
QA17855-109	Disc Valve Pack, 1.100" O.D. x .010"
QA17855-112	Disc Valve Pack, 1.300" O.D. x .006"
QA17855-113	Disc Valve Pack, 1.300" O.D. x .008"
QA17855-115	Disc Valve Pack, 1.300" O.D. x .012"
QA17855-178	Disc Valve Pack, 1.300" O.D. x .004"
QA17855-199	Disc Valve Pack, 1.300" O.D. x .015"



Shock Absorber Rebuilding/ Replacement Components **NEW!**

Part No.	Description
QA19057-286	Piston Kit, 35mm Variable Linear/Digressive, Large-Body Twin-Tube 51, 53, 60, & 62 Series NEW!
QA19057-289	Piston Kit, 46mm Variable Linear/Digressive, Mono-Tube 16, 26, & 27 Series NEW!
QA19028-117	Replacement Piston Rod, FC168x, FC258x, 5368x & 5358x Shocks, 15mm O.D. NEW!
QA19028-134	Replacement Piston Rod, 6" Length, 70 & 82 Series Shocks
QA19042-121	Compression Bumper, New Style 9/16" Travel Indicator
QA19044-105	O-Ring Kit, 26 Series NEW!
QA19046-107	Wiper (Blue), FC, 50, 51, 53, 60, & 62 Series
QA19055-324	Medium Base Valve Assembly, FC, 50, 51, 53, 60, & 62 Series
QA19055-325	Firm Base Valve Assembly, FC, 50, 51, 53, 60, & 62 Series
QA1BAR500K	T-Bar Kit, Convert From Eyelet with 3/4" O.D. Bushing to 5" T-Bar
QA1MK03	Stud Top Bushing Kit, 5/8" or 7/8" Openings



Gas Bags

Gas bags are offered for replacement in all QA1 twin-tube design shock absorbers.

Description	Part No.
Shock Absorber	
7" Stroke	QA19052-111
9" Stroke	QA19052-121



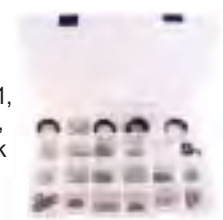
Tuning Kits

Need custom valving? Tuning kits will re-value any QA1 circle track shock.

Part No.	Description
QA1TK01	Large Body Twin Tube Tuning Kit, FC, 50, 51, 53, 60, and 62 Series
QA1TK02	Small Body Twin Tube Tuning Kit, 70 and 82 Series
QA1TK08	Monotube Tuning Kit, 16, 26, 27, and 28 Series

Advanced Shock Absorber Tuning Kit **NEW!** [QA1TK09](#)

Everything needed to re-valve or repair 51, 53, 60, and 62-series large-body twin-tube, and 16, 26, and 27-series mono-tube shock absorbers.



Tool Kit [QA17891-106](#)

Greatly aids rebuilding 50, 51, 53, 60, and 62-series shock absorbers. Includes a base valve removal tool, gland removal tool, and a closure nut wrench.



"EM"/"EF" Series Economy Rod Ends

Durable, cost-effective "EM"/"EF" rod ends are a two-piece design. Hard chrome plated, heat treated ball is manufactured from 52100 bearing steel, and the mild steel body has been precisely ground and protective coated for corrosion resistance.



Male RH Part No.	Male LH Part No.	Female RH Part No.	Female LH Part No.	Bore x Thread Size Reference
QA1EMR6	QA1EML6	QA1EFR6	QA1EFL6	3/8" x 3/8"-24
QA1EMR8	QA1EML8	QA1EFR8	QA1EFL8	1/2" x 1/2"-20
QA1EMR10	QA1EML10	QA1EFR10	QA1EFL10	5/8" x 5/8"-18
QA1EMR12	QA1EML12	QA1EFR12	QA1EFL12	3/4" x 3/4"-16

"XM" Series Chrome Moly Steel Rod Ends

Two-piece rod ends feature balls and bodies which have been heat treated. "XM" Series rod ends also feature an increased cross-sectional area for greater tensile strength.

Male RH Part No.	Male LH Part No.	Bore x Thread Size Reference	Ult. Static Radial Load
QA1XMR6	QA1XML6	3/8" x 3/8"-24	9,544
QA1XMR8	QA1XML8	1/2" x 1/2"-20	16,238
QA1XMR8-10	QA1XML8-10	1/2" x 5/8"-18	23,542
QA1XMR8-12	QA1XML8-12	1/2" x 3/4"-16	32,457
QA1XMR10	QA1XML10	5/8" x 5/8"-18	17,955
QA1XMR10-12	QA1XML10-12	5/8" x 3/4"-16	31,680
QA1XMR12	QA1XML12	3/4" x 3/4"-16	28,081



"EXM" Series Carbon Steel Rod Ends

Exclusive "EXM" male rod ends use a self-lubricating liner that won't pound out. Rod ends combine a heat-treated, hard chrome-plated 52100 bearing steel ball, PTFE/Kevlar race, and carbon steel body.

Male RH Part No.	Male LH Part No.	Bore x Thread Size Reference	Ult. Static Radial Load
QA1EXMR6	QA1EXML6	3/8" x 3/8"-24	3,915
QA1EXMR8	QA1EXML8	1/2" x 1/2"-20	10,001
QA1EXMR8-10	QA1EXML8-10	1/2" x 5/8"-18	12,807
QA1EXMR10	QA1EXML10	5/8" x 5/8"-18	11,226
QA1EXMR12	QA1EXML12	3/4" x 3/4"-16	16,565
QA1EXMR10-12	QA1EXML10-12	5/8" x 3/4"-16	18,000



"PC" Series Chrome Moly Rod Ends

The ultimate rod ends for performance needs. Heat-treated chrome moly steel body is black oxide coated and delivers the highest load rating of any two-piece rod end. Balls are made from 52100 bearing steel, precision ground, heat-treated, and hard chrome plated.

Male RH Part No.	Male LH Part No.	Bore x Thread Size Reference	Ult. Static Radial Load
QA1PCMR6	QA1PCML6	3/8" x 3/8"-24	9,088
QA1PCYMR6T*	QA1PCYML6T*	3/8" x 3/8"-24	11,050
QA1PCMR6T*	QA1PCML6T*	3/8" x 3/8"-24	6,895
QA1PCMR8	QA1PCML8	1/2" x 1/2"-20	17,000
QA1PCYMR8T*	QA1PCYML8T*	1/2" x 1/2"-20	15,038
QA1PCMR8-10	QA1PCML8-10	1/2" x 5/8"-18	19,300
QA1PCYMR8-10T*	QA1PCYML8-10T*	1/2" x 5/8"-18	22,898
QA1PCMR10	QA1PCML10	5/8" x 5/8"-18	18,000
QA1PCMR10T*	QA1PCML10T*	5/8" x 5/8"-18	18,000
QA1PCYMR10T*	QA1PCYML10T*	5/8" x 5/8"-18	21,219
QA1PCYMR10-12T*	QA1PCYML10-12T*	5/8" x 3/4"-16	30,290
QA1PCMR10-12	QA1PCML10-12	5/8" x 3/4"-16	27,000
QA1PCMR12	QA1PCML12	3/4" x 3/4"-16	25,000
QA1PCMR12T*	QA1PCML12T*	3/4" x 3/4"-16	25,000
QA1PCYMR12T*	QA1PCYML12T*	3/4" x 3/4"-16	27,010

Female RH Part No.	Female LH Part No.	Bore x Thread Size Reference	Ult. Static Radial Load
QA1PCYFR6T*	—	3/8" x 3/8"-24	11,050

* Signifies PTFE-lined rod ends. † Signifies high misalignment rod ends.



"AM" Series Aluminum Rod Ends

Male rod ends are designed to help save weight without compromising strength. Rod ends combine a nylon/PTFE injection molded race with a hard chrome plated and heat treated 52100 bearing steel ball, and red anodized aircraft aluminum body.

Male RH Part No.	Male LH Part No.	Bore x Thread Size Reference	Ult. Static Radial Load
QA1AMR5	QA1AML5	5/16" x 5/16"-24	2,284
QA1AMR6	QA1AML6	3/8" x 3/8"-24	3,457
QA1AMR7	QA1AML7	7/16" x 7/16"-20	4,800
QA1AMR8	QA1AML8	1/2" x 1/2"-20	7,700
QA1AMR8-10	QA1AML8-10	1/2" x 5/8"-18	15,000
QA1AMR10	QA1AML10	5/8" x 5/8"-18	8,600
QA1AMR10-12	QA1AML10-12	5/8" x 3/4"-16	19,300
QA1AMR12	QA1AML12	3/4" x 3/4"-16	13,400



Overdose Rod Ends

Designed for use with steering shaft tubing.

Part No.	Description
QA1AMR12-757	"AM" Series Overdose Rod End
QA1CMR12-757	"CM" Series Overdose Rod End
QA1EMR12-757	"EM" Series Overdose Rod End



Mono Ball Bearings

Engineered for metal-to-metal contact, mono ball bearings are often used to replace OEM-style ball joints for smoother suspension movement. Bearings consist of hard chrome-plated 52100 bearing steel balls and chrome-moly steel races. Bearings are also available with PTFE-lined races for added durability.

Standard Part No.	PTFE-Lined Part No.	I.D.	O.D.	Width
QA1COM8	QA1COM8T	.500"	1.000"	.500"
QA1COM10	QA1COM10T	.625"	1.187"	.625"
QA1COM12	QA1COM12T	.750"	1.437"	.750"



"CM" Series Carbon Steel Rod Ends

Two-piece, "CM" Series rod end uses a 52100 bearing steel ball that has been hard chrome plated and heat treated. The carbon steel body has been ground and protective coated for corrosion resistance.

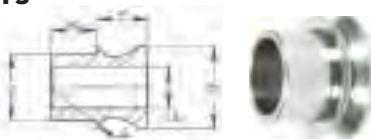
Male RH Part No.	Male LH Part No.	Female RH Part No.	Female LH Part No.	Bore x Thread Size Reference	Ult. Static Load Male	Ult. Static Load Female
QA1CMR3	QA1CML3	QA1CFR3	QA1CFL3	3/16" x 10-32	1,559	2,079
QA1CMR4	QA1CML4	QA1CFR4	QA1CFL4	1/4" x 1/4"-28	2,835	3,820
QA1CMR5	QA1CML5	QA1CFR5	QA1CFL5	5/16" x 5/16"-24	4,527	5,110
QA1CMR6	QA1CML6	QA1CFR6	QA1CFL6	3/8" x 3/8"-24	6,323	6,323
QA1CMR7	QA1CML7	QA1CFR7	QA1CFL7	7/16" x 7/16"-20	7,897	9,122
QA1CMR8	QA1CML8	QA1CFR8	QA1CFL8	1/2" x 1/2"-20	10,046	10,046
QA1CMR8-10	QA1CML8-10	—	—	1/2" x 5/8"-18	13,729	—
QA1CMR10	QA1CML10	QA1CFR10	QA1CFL10	5/8" x 5/8"-18	11,385	11,385
QA1CMR12	QA1CML12	QA1CFR12	QA1CFL12	3/4" x 3/4"-16	15,894	15,894



High-Misalignment Spacers

High-misalignment standard ball-width spacers listed will fit WPB-T (size 14 & 16 only), AIB, SIB, and MIB spherical bearings and all inch rod ends.

Part No.	D	D2	B	W	W2	S
QA1SG10-84	.624"	.825"	.500"	.250"	.360"	1.125"
QA1SG12-88	.749"	.850"	.500"	.500"	.423"	1.312"
QA1SG12-108	.749"	.950"	.625"	.500"	.423"	1.312"
QA1SG12-816-W	.749"	.875"	.500"	1.000"	.423"	1.312"



Clevis **NEW!**

Standard clevises are manufactured from carbon steel and protective coated for corrosion resistance.

Part No.	Description
QA1CL5-6	5/16" Bore, 3/8"-24 LH Threads
QA1CR5-6	5/16" Bore, 3/8"-24 RH Threads



"GEZ" Series Fractured Race Spherical Bearings **NEW!**

Fractured race bearings are made from premium, 52100 bearing steel that has been precision ground, hardened, and protective coated for corrosion resistance.

Part No.	Description
QA1GEZ19ES	.750" I.D. x 1.250" O.D. x .656" Wide
QA1GEZ25ES	1.000" I.D. x 1.625" O.D. x .875" Wide
QA1GEZ31ES	1.250" I.D. x 2.000" O.D. x 1.093" Wide



Aluminum Male-to-Female Linkage Adjuster **NEW!** QA1AA10-10

Constructed from billet, 7075-T6 aluminum with a black anodized finish, linkage adjuster includes a male-to-female, double-adjustable design with 5/8"-18 LH male and 5/8"-18 RH female threads.



Ball Joint Tool Kit

Designed for socket-style ball joints, kit includes spanner socket (QA11891-105) that fits a 1" socket or wrench and Allen hex key (QA11891-102) for adjusting pre-load and installing ball joint studs.

Part No.	Description
QA11891-106	Ball Joint Tool Kit
QA11891-102	Ball Joint Allen Hex Key Only



Threaded Ball Joint Weld-In Sleeve **NEW!** QA19033-427

Often required when fabricating custom A-arms or making repairs, weld-in sleeve accepts popular Moog K772 style screw-in ball joint.



Low-Friction Ball Joints

Patented exclusively by QA1 for circle track racing applications, ball joints offer ultimate, low-friction operation. Completely smooth and bind-free, ball joints' infinite preload adjustment allows breakaway torque to be set as low as 0 ft./lbs. Ball joints are offered with standard or +.500" long studs. Replacement studs may be purchased separately in standard, +.100", and +.500" lengths, while replacement ball joint housings are also offered separately.



Application	Mount. Location	Moog Equivalent Part No.	Standard Ball Joint Part No.	Standard Stud Only Part No.	Rep. Ball Joint Housing Part No.	+.100" Long Stud Only Part No.	+.500" Long Ball Joint Part No.	+.500" Long Stud Only Part No.	+1.00" Long Ball Joint Part No.
4-Bolt Style									
Upper Taper of Pinto Spindles	Upper GM	MOGK6024	QA11210-101	QA19029-220	—	QA19029-200	—	QA19029-201	QA11210-238B
1973-95 Blazer/Modifieds/St. Stock	Upper GM	MOGK6136	QA11210-103	QA19029-221	QA11210-503	—	QA11210-203B	QA19029-203	—
1970-81 Camaro	Upper GM	MOGK5208	QA11210-104	QA19029-222	QA11210-504	—	QA11210-205B	QA19029-205	QA11210-285B*
1973-88 Malibu, 1975-79 Nova	Upper GM	—	—	—	—	—	—	—	—
Screw-In Style									
1971-76 Impala/Late Models	Lower GM	MOGK6141	QA11210-102	QA19029-223	QA11210-502	—	QA11210-215S	QA19029-215	—
Upper & Lower Tapers in Pinto Spindles	Upper Chrysler	MOGK772	QA11210-105	QA19029-220	QA11210-505	QA19029-200	QA11210-201S	QA19029-201	QA11210-238S
1960-66 Imperial/Strut Cars	Lower Chrysler	MOGK727	QA11210-106	QA19029-224	QA11210-506	—	QA11210-217S	QA19029-217	—
Large Taper/Lt. Models	Lower Chrysler	—	—	—	—	—	—	—	—
1968-73 Road Runner/1973-83 Charger/Modifieds	Lower Chrysler	MOGK719	QA11210-107	—	—	—	—	QA19029-207	—
Press-In Style									
Impala Spindle/Modifieds/Street Stocks	Lower GM	MOGK6117T	QA11210-108	QA19029-226	QA11210-508	QA19029-218	—	QA19029-219	—
1971-96 Impala/1973-88 Malibu/1970-02 Ca.	Lower GM	MOGK6145T	QA11210-109	QA19029-227	—	—	QA11210-209P	QA19029-209	—
1964-72 Chevelle/1968-74 Nova/Modifieds	Lower GM	MOGK5103	QA11210-110	QA19029-228	—	—	—	QA19029-211	—
Rayburn/GRT/Warrior/Port City IMCA Hybrid	Lower GM	MOGK6141	QA11210-112	—	—	—	—	QA19029-215	—
	Lower	—	QA11210-227†	—	—	—	—	—	—

* Replacement stud available QA19029-285

† Hybrid ball joint, which combines a QA11210-508 housing and 9029-223 stud, is often used on the right front of IMCA chassis.

GM "B"/"F" Body Circle Track Spindles **NEW!**

All-new, stock-style spindles put an end to salvage yard searches. Designed for classes requiring a stock front clip, rigid ductile iron spindles feature OEM geometry, increased strength in critical areas, carbon steel spindle pins, and compatibility with most aftermarket brake kits. For use with 11" rotors only.



Part No.	Description
QA19056-104	'80-90 GM "B" Body (Impala); '80-81 GM "F" Body (Camaro) Spindle, Right
QA19056-105	'80-90 GM "B" Body (Impala); '80-81 GM "F" Body (Camaro) Spindle, Left

Carbon Fiber Driveshafts for Dirt Late Models

Carbon fiber driveshafts provide quicker acceleration yet are very durable. Including U-joints, a 38" long driveshaft weighs just 7.4 lbs. Driveshafts are manufactured in QA1's Lakeville, Minnesota facility using exclusive 3M Matrix Resin and spherical nano scale silica, and offer extreme torque capacities, minimized runout, and increased safety. Driveshafts listed are 3.2" O.D., and are sold complete with U-joints and less slip yoke.

Part No.	Description
QA1JJ-11230	35.50" Length Driveshaft
QA1JJ-11231	37" Length Driveshaft
QA1JJ-11233	38" Length Driveshaft
QA1JJ-11235	39" Length Driveshaft



Carbon Fiber "TractionTwist" Driveshaft for Dirt Late Models **NEW! QA1JJ-11273**

Geared to Super Late Models, Limited Late Models, WISSOTA, and IMCA Dirt Late Models, "TractionTwist" carbon fiber, 2-1/4" dia. x 37.5" length driveshaft is engineered to offer improved traction on slick tracks, while delivering increased alignment to prevent binding. Similar in construction to QA1's traditional carbon fiber units, driveshaft is sold complete with U-joints and less slip yoke.



Carbon Fiber Driveshaft for Crate Late Models **NEW! QA1JJ-11247**

Similar to QA1's Dirt Late Model units but 2-1/4" dia. x 35" long, resulting in an even lighter driveshaft for Crate Late Models. Driveshafts are manufactured from 3M Matrix Resin and spherical nano scale silica, and combined with 7075 aluminum tube yokes, resulting in a shaft that offers extreme torque capacities, minimized runout, and increased safety. Sold complete with U-joints and less slip yoke.



Clutchless Bellhousing Kits

Ideal for dirt or asphalt late models with clutchless transmissions, housings work with 1/4" midplates, top or side mount oil pumps, and Bert/Brinn standard rotation or Quarter Master reverse rotation starters. Available in magnesium or aluminum for early Chevrolet bolt pattern (unless specified).



Part No.	Description
Aluminum Bellhousing Kit	
QTR120509124TM	Bellhousing, Top Mount Pump Bracket, 91T Ring Gear, Rev. Rotation Starter (Quarter Master Style)
Magnesium Bellhousing Kits	
QTR115509124TM	Bellhousing, Top Mount Pump Bracket, 91T Ring Gear, Rev. Rotation Starter (Quarter Master Style)
QTR115509136TM	GM LS CT525, Top Mount Oil Pump, 91T Alum. Flywheel w/Rev. Starter NEW!
QTR315509134TM	Ford (Neutral Balance), Top Mount Oil Pump, 91-Tooth Alum. Flywheel w/Rev. Starter
Replacement Components	
QTR110115	Magnesium Bellhousing Only, No Mounts
QTR114170	Bert Style Standard Rotation Starter
QTR114176	Starter Plate for Quarter Master Starter
QTR114177	Starter Conversion Plate, Adapts Bert/Brinn Starter to Quarter Master Bellhousing
QTR114267B	Starter 8T for 91T Ring Gear, New Style
QTR117600	Oil Pump Bracket Kit, Top Mount
QTR117603	Oil Pump Bracket Kit, KSE/KRC Pump
QTR117612	Oil Pump Bracket Kit, SCP Pump NEW!
QTR180121	Crank Hub, Pump Drive, 22T Steel
QTR180123	Drive Hub Assembly, No Pump Gear, Chevy
QTR180136	Crank Hub Assembly, 22T, GM LS1 NEW!
QTR180171	Balance Weight, Chevy, Late
QTR180331	Crank Hub Assembly, 1.375", 10-Spline, SB Ford NEW!
QTR505004	Dirt Flywheel Bolt Kit, 1.260" Long
QTR505012	Flywheel Bolts, Chevy Late
QTR505019	GM LS Crank Hub/Flywheel Bolt Kit, 11mm x 1.5 Thread x 1.500" Long NEW!
QTR509124	Flywheel, 110T Bert, Chevy, Old Style, 2-pc. Rear Main
QTR509124B	Flywheel, 91T Bert, Chevy, New Style, 2-pc. Rear Main
QTR509134	Chevy Flywheel, Pre-1986, LGC 110 T, 7.25" Bert/Brinn
QTR509134B	Flywheel, 91T Bert/Brinn, Late Chevy 1-Pc. Rear Main
QTR509139B	Flywheel, 91T Bert/Brinn, with Coupler, Chevy

Reverse-Mount Bellhousing Kits

Triple-disc, 5.5" V-Drive scalloped button clutch has low MOI (moment-of-inertia). Kits include aluminum reverse-mount starter bellhousing, 1-5/32" x 26-spline, clutch assembly with button and ring gear, flywheel bolt kit, hydraulic release bearing, reverse-mount starter, clutch inlet, and bleed line kit. Available for internally or externally balanced small block Chevy.



Steel "Block Mount Starter" Bellhousing **QTR110440**

Race-proven Chevy bellhousing can accommodate a stock diameter flywheel and traditional block-mount starter. CNC-machined to ultra-tight tolerances, unit is designed for use with the Tri-Lite and floating hydraulic race bearing. May be used with 5.5" or 7.25" clutches.



Aluminum and Magnesium Bellhousings

Aluminum or magnesium bellhousings are offered in reverse mount, OEM-diameter, and clutchless configurations. Reverse-mount starter bellhousing has been redesigned and is 80% stiffer than the original **QTR110100**, yet is 3/4 lb. lighter.



Part No.	Description
QTR110100R	Chevy Aluminum, Reverse Mount Starter, 10 lbs.
QTR110104	Chevy Aluminum, 153T, Block Mount Starter, OEM Diameter, 10.0 lbs.
QTR110150R	Chevy Magnesium, Reverse Mount Starter, Optimum-V
QTR110300R	Ford Aluminum, Reverse Mount Starter, 11.3 lbs.
QTR110302	Ford Aluminum, 157T, OEM Diameter, No Mounts

Ultra-Duty Starters

Starters pack plenty of punch (1.4 Kw) for all performance applications. Full ball bearing construction and heavy-duty solenoids are unaffected by higher operating temperatures.



Part No.	Description
QTR114170	Reverse Mount/Standard Rotation, Bert/Brinn Bellhousing, 65T
QTR114180	Reverse Mount/Reverse Rotation, Clutchless Bellhousing, Old Style
QTR114260	Reverse Mount/Reverse Rotation, Quarter Master Bellhousing with Clutch
QTR114267B	Reverse Mount/Reverse Rotation, Chevy/Ford Clutchless Bellhousing, 91T
QTR114270C	Block Mount/Standard Rotation, Chevy LGC Block Mount, 105T
QTR114280	Block Mount/Standard Rotation, Chevy 153T/168T Flywheel/Flexplate
QTR114300	Block Mount/Standard Rotation, Ford 157T Flywheel/Flexplate
QTR114626	Reverse Mount/Reverse Rotation, LGC Bellhousing, 2.0 kW

Replacement Components

QTR114030	Pinion Retainer Circlip, All Exc. QTR114170
QTR114045	Pinion Return Spring, Reverse Mount Starter
QTR114261	Adapter Mount for QTR114260
QTR114292	Drive Assembly with Pinion Gear, Reverse Mount 91T Only
QTR114373	Ford Starter Spacer, .250"
QTR114940	Starter Shim Kit

Part No.	Description
Early, Pre-1986 Small Block Chevy (Internal Balance) Bellhousing Kits	
QTR10038590	5.5" Reverse Mount Assy., 3-Disc, 1-5/32" x 26-Spline
Late, 1986-Up Small Block Chevy (External Balance) Bellhousing Kits	
QTR10038590ZZ	5.5" Reverse Mount Assy., 3-Disc, 1-5/32" x 26-Spline
Replacement/Related Components	
QTR105401	Pressure Plate
QTR105406	Floater Plate
QTR110018	Ring Gear, One-Piece
QTR1100182D	2-Disc Spacer
QTR1100183M	Mid-Plate Spacer
QTR110100R	Aluminum Reverse Mount Bellhousing, Chevy
QTR205508	Button Clutch Bolt Kit, 2-Disc
QTR275018	Ring Gear for 5.5" 2-Disc Clutch
QTR305508	Button Clutch Bolt Kit, 3-Disc
QTR505170SC	Button Internal Balance, Pro-Series, V-Drive, Pre-1986

Pilot Bushings

Part No.	Description
QTR110011	Chevy
QTR110012	Ford with Jerico, T-101, T-10, or Muncie Transmission
QTR110013	Chevy Extended Length (for Use with Motor Plate)



Bellhousing Ball Stud

Designed for applications using a hydraulic release bearing and mechanical linkage.

Part No.	Description
QTR110005	Hydraulic Release Bearing and Mechanical Linkage for Chevy
QTR110008	Hydraulic Release Bearing and Floating Bearing for Ford
QTR110017	Aluminum Ball Stud, Race Bearing Only, Reverse Mount



Mechanical Release Bearings and Bearing Retainers

Part No.	Description
QTR209130	Chevy Bearing, 7.25" Dia., 2-Disc
QTR309130	Chevy Bearing, 7.25" Dia., 3-Disc
QTR710108	Bearing Retainer, T-10, T-101



[QTR710108](#)

Note: Bearing retainers have a .800" seat height; shimming transmission bolts to keep bearing parallel with transmission is unnecessary.

Floating Hydraulic Release Bearings

Quarter Master's free-floating hydraulic release bearing requires no machining and eliminates the slave cylinder and fork for bind-free operation. A positive return spring keeps the bearing off the diaphragm. For use with Muncie or Borg-Warner T-10 input shaft with a bearing collar diameter of 1.375" and a master cylinder with a 3/4" bore. External bleeder and shims are included and bearing will work with either right- or left-hand bellhousing applications. Can be used with Quarter Master or Tilton multi-disc racing clutches.



Part No.	Description
QTR710100	Complete Bearing for 7-1/4" Clutches
QTR710200	Complete Bearing for 4-1/2" and 5-1/2" Clutches

Replacement Components

QTR710101	Seal Kit for QTR710100 and QTR710200
QTR710102	Shim Kit for QTR710100 and QTR710200
QTR710103	Bearing Sleeve for 7-1/4" Clutches
QTR710104	Bearing Sleeve for 5-1/2" Clutches
QTR710105	Remote Bleeder Kit

Tri-Lite Hydraulic Release Bearings

The Tri-Lite self-adjusting release bearing mounts in Quarter Master factory-machined bellhousings. Weighs less than 1-1/2 lbs. with the inlet and bleeder lines attached. The main body is the same for all part numbers, with varying piston lengths to accommodate the range of set-up heights in the Quarter Master clutch and flywheel line. No bushings or shims are needed for installation. For instance, the Tri-Lite 730185 is recommended for the Pro-Series 5.5" 3-disc button clutch assembly. .100" to .250" air gap (free play) is recommended for new clutches.



Part No.	Description
QTR730185	Chevy 3-Disc Except on QTR509111 and 509112 Flywheels
QTR730225	Chevy 2-Disc Except on QTR509111 and 509112 Flywheels

Replacement Components

QTR730101	Seal Kit for Tri-Lite Bearings
QTR105030	Replacement Bearing Only
QTR710015	Replacement Fitting, -2 to -3AN
QTR730096	Replacement Bearing Base, .250" Shortened

Street Stock Hydraulic Release Bearing [QTR721100](#)

Engineered for original equipment-type 10.5" clutch diaphragms. Redesigned bearing has increased pressure capacity for compatibility with modern clutch systems. Use with Saginaw, Muncie, T-10, and Jerico transmissions.

Note: Thick flywheels prohibit proper bearing engagement which may damage components. Quartermaster flywheel [QTR501100](#) will provide the extra clearance.



Part No.	Description
QTR106033	Replacement Bearing Only
QTR710016	11" Remote Bleeder Line
QTR720102	Shim Kit
QTR721101	Seal Kit for QTR721100

10.4" Street Stock Clutch

Developed specifically for classes that require a stock-type single-disc clutch. Disc has organic friction material and a solid hub. Covers are available with iron or steel-faced aluminum pressure plates.



Part No.	Description
QTR101290	10.4" Clutch Disc, 1-1/8" x 10-Spline Solid Hub
QTR101500	Iron Pressure Plate
QTR101504	Steel Faced Aluminum Pressure Plate

Chevy Button Clutch Assemblies

Quarter Master Optimum-V, V-drive, and Pro-Series clutches are engineered for performance, reliability, and low moment of inertia (MOI). Optimum-V units have stiffer covers and an extremely high torque capacity; V-Drive clutches are open for cleaner and cooler operation; and the Pro-Series offers reliable performance and durability.

Note: Clutches listed are for pre-1986 small block Chevy unless noted.



No. of Discs	Spline Size	Clutch Part No.	Weight	Rep. Clutch Pack Part No.
Pro-Series 4.5"				
3	1-5/32" x 26	—	7.72 lbs.	QTR324090
Pro-Series 5.5"				
2	1-5/32" x 26	—	7.76 lbs.	QTR225090
3	1-1/8" x 10	QTR39517080	9.3 lbs.	QTR325080
3	1-5/32" x 26	QTR39517090	9.3 lbs.	QTR325090
V-Drive 5.5"				
2	1-1/8" x 10	QTR28517080	7.57 lbs.	QTR225080
2	1-1/8"-10	QTR28517180ZZ*	—	QTR225080
2	1-5/32" x 26	QTR28517190ZZ*	7.74 lbs.	QTR225090
3	1-1/8" x 10	QTR38517080	9.1 lbs.	QTR325080
3	1-5/32" x 26	QTR38517090	9.1 lbs.	QTR325090
3	1-5/32" x 26	QTR38517190ZZ*	9.29 lbs.	QTR325090
Optimum V-Drive 7.25"				
3	1-1/4"-29	QTR397092	—	—
Pro-Series 7.25"				
2	1-1/8" x 10	QTR299108	12.4 lbs.	QTR226080
2	1-5/32" x 26	—	12.4 lbs.	QTR226090
3	1-1/8" x 10	QTR399108	14.9 lbs.	QTR309390
3	1-5/32" x 26	QTR399158	14.9 lbs.	QTR309395
V-Drive 7.25"				
2	1-1/8" x 10	QTR298103†	12.82 lbs.	QTR226080
2	1-1/8"-10	QTR298103S†*	12.8 lbs.	QTR226080S†
2	1-1/8" x 10	QTR298108	12.7 lbs.	QTR226080
2	1-5/32"-26	QTR298153ZZ*	12.7 lbs.	QTR226090
2	1-5/32" x 26	QTR298158	12.7 lbs.	QTR226090
3	1-1/8" x 10	QTR398103†	14.8 lbs.	QTR309390
3	1-1/8" x 10	QTR398108	14.8 lbs.	QTR309390
3	1-5/32" x 26	QTR398158	14.8 lbs.	QTR309395

* Designed for 1986-up small block Chevy externally balanced applications.

† Zero balance ‡ Signifies clutch pack with heat treated hub.

Clutch Alignment Tools

Part No.	Description
QTR660081	1-1/8" x 10-Spline
QTR660091	1-5/32" x 26-Spline, .590" Pilot Dia., Late Model GM T56/TR6060

4.5" Clutch Component

Part No.	Description
QTR37517090	Optimum-V Clutch and Button Flywheel, 3-Disc, 1-5/32" x 26-Spline

5.5" Clutch Components

Part No.	Description
QTR385090	V-Drive Clutch, 3-Disc, 1-5/32" x 26-Spline
QTR38530290	V-Drive Clutch and Button Flywheel, 3-Disc, 1-5/32" x 26-Spline

7.25" Clutch Components

Part No.	Description
QTR108501*	V-Drive Pressure Plate, 1-Disc
QTR108502	V-Drive Pressure Plate, 1 Pc.
QTR209502	Pro-Series Pressure Plate, 2-Disc
QTR209508	Pro-Series/V-Drive Button Clutch Bolt Kit, 2-Disc
QTR298090RY	V-Drive Clutch, 2-Disc, 1-5/32"-26 Spline
QTR306503	Pro-Series Clutch Housing, 3-Disc, Speedway
QTR309500	Pro-Series Clutch Cover, Steel, 3-Disc
QTR309501	Pro-Series Pressure Plate, 3-Disc
QTR309508	Pro-Series/V-Drive Button Clutch Bolt Kit, 3-Disc
QTR508506	V-Drive/Rally Floater Plate
QTR509506	Pro-Series Floater Plate

* Aluminum fulcrum only. Must be used with [QTR508506 Floater Plate](#).

Button Flywheels and Ring Gears



Engineered for rear mount starter bellhousings and flexplates.

Part No.	Description
Button Flywheels	
QTR505170SC	Chevy, Pre-1986, 5.5" Pro-Series/V-Drive
QTR505171SC*	Chevy, 1986-Up, 5.5" Pro-Series/V-Drive
QTR505171SCZZ	Chevy, 1986-Up, Ext. Balance, 5.5" Pro-Series/V-Drive
QTR505302SC	SB Ford, Int. Balance, 5.5" Pro-Series/V-Drive
QTR505308SC	Ford, 5.5" Optimum-V
QTR509110SC	Chevy, Pre-1986, 7.25" Pro-Series/V-Drive
QTR509113SC*	Chevy, 1986-Up, 7.25" Pro-Series/V-Drive/Optimum-V
QTR509113SCZZ	Chevy, 1986-Up, Ext. Balance, 7.25" Pro-Series/V-Drive
QTR509150	GM LS, 7.25" V-Drive/Optimum-V/Pro Series
QTR509311SC	SB Ford, Int. Balance, 7.25" Pro-Series/V-Drive
QTR50911009SC	Chevy, Ext. Balance, 1-Pc. Rear Main, 7.25", Lightweight, Blank Bolt Pattern
One-Piece Ring Gears	
QTR110010	Individual Ring Gear, 7.25" Pro-Series/V-Drive
QTR110018	Individual Ring Gear, 5.5" Pro-Series/V-Drive/Optimum-V/Carbon, 3-Disc
QTR110019	Individual Ring Gear, 4.5" Pro-Series/V-Drive
QTR110089	Individual Ring Gear, 99-Tooth, LGC Bellhousing
QTR1100103M	Ring Gear Spacer, 7.25" Clutch, 2-or 3-Disc with Midplate
QTR275018	Ring Gear, Spacer and Bolt Kit, 5.5" Pro-Series/V-Drive/Optimum-V, 2-Disc
Flexplates	
QTR509121	Chevy 153T, Early Pattern, Int. Balance
QTR509171	Chevy 153T, Late Pattern, Int. Balance
QTR509180	Chevy 153T, Early Pattern, Int. Balance, Ultra-Lightweight
QTR509181	Chevy 153T, Late Pattern, Int. Balance, Ultra-Lightweight
QTR509322	Ford 157T, Int. Balance

* Engines must be internally balanced or use a flexplate with the proper counterweight.

Flywheels

Quarter Master one-piece steel flywheels are light and safe.

Part No.	Description
QTR505001	Chevy/Ford Flywheel Bolt Kit, 6-Bolt, .990" Long
QTR505019	GM LS Flywheel Bolt Kit, 11 mm x 1.5 Thread x 1.500" Long
QTR509112	Chevy Flywheel, Pre-1986, LGC 105T, 7.25"
QTR509136	GM LS1 Flywheel, 91T NEW!
QTR509323B	Ford, Bert/Brinn, 91T

Aluminum Driveshafts

Revolutionary aluminum driveshafts are built using a two-part, weld-free process that eliminates distortion and loss of heat-treating strength. Hard-coat anodized forged aluminum end yokes are interference-fit in O.D. ground, 3.0" x .120" aluminum tube and then reinforced with six monobolt fasteners. All driveshafts include heavy-duty 1310 style U-joints. Driveshafts do not include yoke.

Part No.	Length	Part No.	Length
QTR188370	37"	QTR188410	41"
QTR188380	38"	QTR188420	42"
QTR188390	39"	QTR188430	43"
QTR188400	40"		

Part No.	Description
Transmission Slip Yokes	
QTR188535	Muncie, Saginaw 3 and 4 Speed, Bert, Brinn (27-Spline, 1310 Series)
QTR188545	T-10, Jerico, T-101 (31-Spline, 1310 Series)
QTR188552	Bert, Brinn, Winters with Extra Length for Increased Suspension Travel, 27-Spline 1330 (Use 187134 U-Joint to Go to Aluminum Driveshaft).
QTR188545HT	T-10, Jerico, T-101 (31-Spline, 1310 Series), Heat-Treated for Tailshaft with Bearing

Part No.	Description
U-Joints	
QTR187053	High-Performance 1310 Series Blue Seal, 3-1/4" Cross x 1-1/16" Cup
QTR187101	U-Bolt Kit, 1310-1330 Series
QTR187134	1310 to 1330 Series, 3-5/8" Cross x 1-1/16" Cap
QTR187358	1310 to 1350 Series, 3-5/8" Cross to 1-3/16" Cap
QTR187495	Ultra-Duty 1310 Series with End Cap Grease Fitting
QTR187675	1310 to Ford 9" Rear, 3-7/32" Cross x 1-1/8" Cap
QTR187999	1310 to Ford 9" Rear, 3-5/8" Cross x 1-1/8" Cap

"Ultra-Duty" Cambered Drive Flange Assembly

Floating crown gear eliminates axle bind, breakage, and driveline drag.

Part No.	Description
QTR176310	Wide 5 Drive Flange, 8-Bolt
QTR176320	Wide 5 Drive Flange, 5-Bolt
QTR176400	Howe/PCR 5x5 Drive Flange
QTR176402	End Cap for QTR176400

Mark II 10-Spline "Ultra-Duty" Quick Change Pro Gears

Quarter Master uses the highest quality E9310 steel for their Pro Gears and finishes them with a heat-treat process for maximum strength. All gear sets are lightened except 5, 15, and 25.



Part No.	Set No.	Number of Teeth	Spur Ratio	4.11 R&P Hi	4.11 R&P Lo	4.86 R&P Lo	4.86 R&P Hi
QTR911029	1Q	35/36	1.029	4.23	4.00	4.72	5.00
QTR911053	15	19/20	1.053	4.33	3.91	4.61	5.11
QTR911074	26	27/29	1.074	4.42	3.83	4.52	5.22
QTR911091	6	22/24	1.091	4.48	3.77	4.45	5.30
QTR911105	25	19/21	1.105	4.54	3.72	4.39	5.37
QTR911115	12	26/29	1.115	4.59	3.69	4.45	5.42
QTR911130	7	23/26	1.130	4.65	3.64	4.30	5.49
QTR911143	7Q	21/24	1.143	4.70	3.60	4.25	5.55
QTR911160	17	25/29	1.160	4.77	3.54	4.19	5.63
QTR911174	8Q	23/27	1.174	4.83	3.50	4.14	5.70
QTR911190	19	21/25	1.190	4.89	3.45	4.08	5.78
QTR911211	9	19/23	1.211	4.98	3.40	4.01	5.88
QTR911227	11	22/27	1.227	5.05	3.35	3.96	5.96
QTR911238	3	21/26	1.238	5.09	3.32	3.92	6.01
QTR911250	13	24/30	1.250	5.14	3.29	3.89	6.07
QTR911273	18Q	22/28	1.273	5.23	3.23	3.82	6.18
QTR911278	4Q	18/23	1.278	5.25	3.22	3.80	6.21
QTR911286	20Q	21/27	1.286	5.29	3.20	3.78	6.24
QTR911292	4	24/31	1.292	5.31	3.18	3.76	6.27

Part No.	Set No.	Number of Teeth	Spur Ratio	4.11 R&P Hi	4.11 R&P Lo	4.86 R&P Lo	4.86 R&P Hi
QTR911318	22	22/29	1.318	5.42	3.12	3.68	6.40
QTR911333	16	18/24	1.333	5.48	3.08	3.64	6.48
QTR911350	10	20/27	1.350	5.55	3.05	3.60	6.56
QTR911364	34	22/30	1.364	5.61	3.01	3.56	6.62
QTR911381	34Q	21/29	1.381	5.68	2.98	3.52	6.71
QTR911391	14	23/32	1.391	5.72	2.95	3.49	6.76
QTR911400	14Q	20/28	1.400	5.76	2.94	3.47	6.80
QTR911409	35	22/31	1.409	5.79	2.92	3.45	6.84
QTR911421	32	19/27	1.421	5.84	2.89	3.42	6.90
QTR911435	32Q	23/33	1.435	5.90	2.87	3.39	6.97
QTR911450	24	20/29	1.450	5.96	2.84	3.35	7.04
QTR911476	37	21/31	1.476	6.07	2.78	3.29	7.17
QTR911500	23	22/33	1.500	6.17	2.74	3.24	7.29
QTR911524	21	21/32	1.524	6.26	2.70	3.19	7.40
QTR911533	21Q	15/23	1.533	6.30	2.68	3.17	7.45
QTR911563	43	16/25	1.563	6.42	2.63	3.11	7.59
QTR911600	29	20/32	1.600	6.58	2.57	3.04	7.77
QTR911625	30	16/26	1.625	6.68	2.53	2.99	7.90
QTR911714	31A	14/24	1.714	7.05	2.40	2.83	8.33



Quick Timer **NEW!** QRP67-107

Great for circle track, road courses, etc., or any kind of racing that crosses the same starting point each lap, GPS-equipped 2-1/16" digital gauge measures if a completed lap was faster or slower than the previous lap. Faster? Green light and the time reduction is shown in the LED display. Slower? Red light, and the display shows just how much slower. The driver can experiment with different lines on the track and get immediate feedback on lap times.



Multi-Recall Digital Tachometer **NEW!** 611-106



Innovative tachometer combines the benefits of a compact, 4" wide x 2-1/2" high size with an easy-to-read, digital backlit display and a programmable RPM warning/shift light. Once the engine is shut off, the tach displays the (10) highest and (10) lowest RPM readings from the previous race, aiding car set-up. An RPM graph allows scrolling, selecting and replaying all RPM events as desired. Compatible with multiple cylinder engines.

Redline Multi-Recall Tachometers

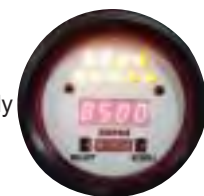
Precision 3" diameter tachometers combine accuracy and reliability with added multi-recall features. The built-in multi-recall function allows recalling the four highest (straightaway) and four lowest (corner) RPM readings to help determine proper gearing, while the programmable shift light aids in performing timely shifts when needed. Bright LED-lit 0-10,000 RPM tachs are offered with black or white dial faces.



Part No.	Description
QRP63-001	Multi-Recall Tachometer, White
QRP63-002	Multi-Recall Tachometer, Black

Extreme LED Digital Tachometer QRP611-7010

Digital tachometer's compact 2-5/8" diameter allows it to be installed into any Extreme gauge panel. Tachometer may be used simply as an RPM indicator, or as a shift light. RPM settings are adjusted by simply touching the lens with a finger. Unit also includes a recall feature that displays the highest RPM attained during the race.



QuickTach LCD Recall Tachometers

QuickTach automatically displays the highest RPM attained from the last race for 15 minutes after shut-down. Digital LCD unit is enclosed in a waterproof aluminum case and has an easily-read, 3/4" x 2-3/4" display. Powered by a 9-volt battery. Tach includes mounting brackets. Not for use with magneto.



Part No.	Description
QRP611-099	QuickTach, White/Red with Checkered Flag
QRP611-100	QuickTach, Black
QRP611-098	Wiring Harness for QuickTach



Memory Tachometers

American-made 10,000 RPM tachometers are affordable and accurate. Tachs have silver dial faces, bright red pointers, and black bezels. Recall feature displays the highest RPM attained during the last race.



Part No.	Description
QRP611-6001	Tachometer with Memory, 5" Dia.
QRP611-6002	Tachometer with Remote Memory, 3-3/8" Dia.

Redline Recall Tachometer

QRP69-001

Precision 2-5/8" dia. tachometer includes a 0-10,000 RPM range and features a gauge face to match Redline performance gauges. Bright LED-lit tachometer's recall feature allows recalling the highest RPM attained from the last race.



Redline GPS Speedometer **NEW!** QRP63-300

GPS, 3-3/8" dia. speedometer features a black 0-120 MPH analog face with digital LCD display odometer and compass. The GPS receives satellite updates 10 times per second, assuring speed accuracy of +/- 3 MPH. Includes GPS receiver with a 4' cable and necessary wiring for installation.



Redline Carbon Fiber Gauge Panel **NEW!**

QRP69-9751



Similar in construction and reliability to traditional Redline gauge panels but with a real carbon fiber mounting panel. Panel is fitted with 2-5/8" dia. electric, stepper motor gauges for oil pressure, water temperature, oil temperature and fuel pressure. LED-lit gauges feature a programmable warning function to quickly alert the driver in the event of a problem. Panel is completely pre-wired for easy installation and includes all necessary senders.

Switch/Gauge Panel Mounting Brackets

Specialized aluminum mounting brackets allow quick mounting of gauge or switch panels to roll bar. Mounts virtually any height panel, simply snip off any extra bracket length. Available to mount to 1-1/2", 1-5/8", or 1-3/4" dia. rollbar. Sold in pairs.



Part No.	Description
QRP66-939	Switch/Gauge Panel Mounting Brackets, 1-1/2" Dia.
QRP66-940	Switch/Gauge Panel Mounting Brackets, 1-3/4" Dia.
QRP66-945	Switch/Gauge Panel Mounting Brackets, 1-5/8" Dia.

Redline Gauge Panels

Competition lightweight aluminum Redline gauge panels are fitted with reliable, electric stepper motor gauges. LED-lit precision 2-5/8" dia. gauges feature a programmable warning function to quickly alert the driver in the event of a problem. Panels are sold completely pre-wired for easy installation and include all necessary senders.



QRP69-2001

Part No.	Description
QRP69-2001	2-Gauge Panel, Oil Pressure and Water Temperature
QRP69-3011	3-Gauge Panel, Oil Pressure, Water Temperature, and Oil Temperature
QRP69-3012	3-Gauge Panel, Oil Pressure, Water Temperature, and Fuel Pressure
QRP69-3016	3-Gauge Panel, Oil Pressure, Water Temperature, and Water Pressure
QRP69-3017	3-Gauge Panel, Oil Pressure, Water Temperature, and Volt Meter
QRP69-4021	4-Gauge Panel, Oil Pressure, Water Temperature, Oil Temperature, and Fuel Pressure
QRP69-4026	4-Gauge Panel, Oil Pressure, Water Temperature, Fuel Pressure, and Water Pressure
QRP69-4027	4-Gauge Panel, Oil Pressure, Water Temperature, Oil Temperature, and Volt Meter
QRP69-5036	5-Gauge Panel, Oil Pressure, Water Temperature, Oil Temperature, Fuel Pressure, and Water Pressure
QRP69-5037	5-Gauge Panel, Oil Pressure, Water Temperature, Oil Temperature, Fuel Pressure, and Volt Meter

Individual Redline Gauges

Electric stepper motor gauges may also be purchased separately. Sold complete with 12-volt LED lighting. Senders not included.



QRP69-000

Part No.	Description
QRP69-000	Fuel Pressure, 0-15 PSI
QRP69-003	Oil Pressure, 0-100 PSI
QRP69-006	Water Temperature Gauge, 100°-280°F
QRP69-007	Volt Meter Gauge, 8-18 Volts
QRP69-008	Water Pressure, 0-100 PSI
QRP69-009	Oil Temperature Gauge, 140°-320°F

Redline Gauge Panels with Multi-Recall Tachometer

Pre-wired and ready-to-install gauge panels combine precise 2-5/8" electric stepper motor gauges with the 3" dia. multi-recall Redline tachometer. LED-lit gauges feature a programmable warning function that quickly alerts the driver in the event of a problem. Multi-recall tachometer retains the four highest and four lowest RPM readings to help determine proper gearing.



Part No.	Description
2-1 Gauge Panel	
QRP69-2031	Oil Pressure, Water Temperature, and Tachometer
3-1 Gauge Panel	
QRP69-3041	Oil Pressure, Water Temperature, Oil Temperature, and Tachometer
QRP69-3042	Oil Pressure, Water Temperature, Fuel Pressure, and Tachometer
QRP69-3046	Oil Pressure, Water Temperature, Water Pressure, and Tachometer
QRP69-3047	Oil Pressure, Water Temperature, Volt Meter, and Tachometer
4-1 Gauge Panel	
QRP69-4051	Oil Pressure, Water Temperature, Oil Temperature, Fuel Pressure, and Tachometer
QRP69-4056	Oil Pressure, Water Temperature, Oil Temperature, Water Pressure, and Tachometer
QRP69-4057	Oil Pressure, Water Temperature, Oil Temperature, Volt Meter, and Tachometer



Redline Gauge Panels with Tachometer



Lightweight gauge panels are fitted with 2-5/8" dia. electric stepper motor gauges and a Redline 2-5/8" dia., 10,000 RPM recall tachometer. LED-lit gauges feature a programmable warning function, while tachometer may be set to change color at a specified engine RPM. Tachometer recall allows displaying the highest RPM from the last race. Panels are sold completely pre-wired for easy installation and include all necessary senders.

Part No.	Description
2-1 Gauge Panel	
QRP69-2231	Oil Pressure, Water Temperature, and Tachometer
3-1 Gauge Panel	
QRP69-3241	Oil Pressure, Water Temperature, Oil Temperature, and Tachometer
QRP69-3242	Oil Pressure, Water Temperature, Fuel Pressure, and Tachometer
QRP69-3246	Oil Pressure, Water Temperature, Water Pressure, and Tachometer
QRP69-3247	Oil Pressure, Water Temperature, Volt Meter, and Tachometer
4-1 Gauge Panel	
QRP69-4251	Oil Pressure, Water Temperature, Oil Temperature, Fuel Pressure, and Tachometer
QRP69-4256	Oil Pressure, Water Temperature, Fuel Pressure, Water Pressure, and Tachometer
QRP69-4257	Oil Pressure, Water Temperature, Oil Temperature, Volt Meter, and Tachometer

Extreme 4-Gauge Panel **NEW!** [QRP61-7026](#)



Lightweight aluminum panel is fitted with Extreme 2-5/8" dia. white-faced mechanical gauges with red pointers that require no external warning lights. Gauges use LED lights and switch automatically from white to designated color when a problem arises. Gauges are mounted using vibration-absorbing grommets for added durability. Panel includes gauges for oil pressure, water temperature, fuel pressure and water pressure, and is fully assembled, pre-wired, and complete with the necessary senders.



AJ WARD

JOHNNY B IMAGERY

Extreme Gauge Panels with LED Digital Tachometer

[QRP61-7042](#)



Gauge panels feature Extreme gauges combined with the Extreme LED Digital Tachometer, which may be used as an RPM indicator or shift light that also includes a recall feature. RPM settings are adjusted by simply touching the lens with a finger. Panels also include lightweight, 2-5/8" dia. white-faced mechanical gauges with bright red pointers mounted in gloss black-finished panels. Fully assembled and pre-wired, panels are complete with necessary senders. No external warning lights are needed; gauges use LED lights and switch automatically from white to designated color when a problem arises. Gauges are mounted using vibration-absorbing grommets for added durability. Panels can be assembled with any combination of gauges by special order.

Part No.	Description
2-1 Gauge Panel	
QRP61-7031	Oil Pressure, Water Temperature and Digital Tachometer
3-1 Gauge Panel	
QRP61-7041	Oil Pressure, Water Temperature, Oil Temperature, and Digital Tachometer
QRP61-7042	Oil Pressure, Water Temperature, Fuel Pressure, and Digital Tachometer
4-1 Gauge Panel	
QRP61-7051	Oil Pressure, Water Temperature, Oil Temperature, Fuel Pressure, and Digital Tachometer

Extreme Gauge Panels with 5" Tachometer



[QRP61-7741](#)

Lightweight aluminum gauge panels combine Extreme 2-5/8" dia. white-faced mechanical gauges with 3-3/8" or 5" QuickCar, 10,000 RPM recall tachometer. Gauges use LED lights and switch automatically from white to designated color when a problem arises, eliminating the need for warning lights. Fully assembled and pre-wired, panels are complete with necessary senders. Gauge panels are offered in a variety of configurations.

Part No.	Description
2-1 Gauge Panel	
QRP61-7731	Oil Pressure, Water Temperature, and 5" Tachometer
QRP61-77313	Oil Pressure, Water Temperature, and 3-3/8" Tachometer
3-1 Gauge Panel	
QRP61-7741	Oil Pressure, Water Temperature, Oil Temperature, and 5" Tachometer
QRP61-77413	Oil Pressure, Water Temperature, Oil Temperature, and 3-3/8" Tachometer
QRP61-7742	Oil Pressure, Water Temperature, Fuel Pressure, and 5" Tachometer
QRP61-77423	Oil Pressure, Water Temperature, Fuel Pressure, and 3-3/8" Tachometer
4-1 Gauge Panel	
QRP61-7751	Oil Pressure, Water Temperature, Oil Temperature, Fuel Pressure, and 5" Tachometer
QRP61-77513	Oil Pressure, Water Temperature, Oil Temperature, Fuel Pressure, and 3-3/8" Tachometer



Extreme Series Gauge Panels

Designed with the serious racer in mind, Extreme series gauges feature built-in LED lights that illuminate in the event of a problem. Under normal operating conditions, the gauges are illuminated with white LED lights. If a problem arises, it changes to a warning color, quickly alerting the driver. Warning levels are printed in red so a quick glance is all that is needed. Panels are pre-wired with QuickCar 14-gauge wire, extra-thick gold-plated connectors, and include senders.



QRP61-7011



QRP61-7021

Part No.	Description
2-Gauge Panel	
QRP61-7001	Oil Pressure and Water Temperature
3-Gauge Panel	
QRP61-7011	Oil Pressure, Water Temperature, and Oil Temperature
QRP61-7012	Oil Pressure, Water Temperature, and Fuel Pressure
QRP61-7017	Oil Pressure, Water Temperature, and Volt Meter
4-Gauge Panel	
QRP61-7021	Oil Pressure, Water Temperature, Oil Temperature, and Fuel Pressure

Individual Extreme Gauges

Extreme gauges are also offered separately. Gauges are 2-5/8" diameter, have white dial faces, and are complete with LED lighting and saddle bracket.

Part No.	Description
QRP611-7000	Fuel Pressure, 0-15 PSI
QRP611-7003	Oil Pressure, 0-100 PSI
QRP611-7006	Water Temperature, 140°-280°F
QRP611-7007	Voltmeter, 8-18V
QRP611-7008	Water Pressure, 0-35 PSI
QRP611-7009	Oil Temperature, 100°-320°F



Wraparound Gauge Panels

Innovative wraparound gauge panels not only offer a professional appearance, but also provide improved gauge placement. Panels are manufactured from lightweight gel-coated fiberglass, are 33" wide x 7" high x 13-1/2" deep with a 1" lip, include gauges for oil pressure, water temperature, oil temperature, and fuel pressure, and are completely pre-wired and ready for installation. Choose from white or black panels with standard gauges and warning lights, or panels with premium Extreme gauges with built-in warning illumination.



Part No.	Description
QRP61-6724	Wraparound Gauge Panel with Standard Gauges, Black
QRP61-6024	Wraparound Gauge Panel with Standard Gauges, White
QRP61-7724	Wraparound Gauge Panel with Extreme Gauges, Black
QRP61-7024	Wraparound Gauge Panel with Extreme Gauges, White

Digital Gauge Panels

QRP67-4021

Ultra lightweight panels are fit with precision 2-1/16" dia. digital electronic gauges that include a blue LED readout and graduated scale for increased readability. Built-in warning light functions cause the lighting to flash in the event of a problem, instantly alerting the driver. Panels are completely pre-wired and sold complete with necessary transducers and senders.



Part No.	Description
2-Gauge Panel	
QRP67-2001	Oil Pressure and Water Temperature
3-Gauge Panel	
QRP67-3011	Oil Pressure, Water Temperature, and Oil Temperature
QRP67-3012	Oil Pressure, Water Temperature, and Fuel Pressure
QRP67-3016	Oil Pressure, Water Temperature, and Water Pressure
QRP67-3017	Oil Pressure, Water Temperature, and Volt Meter
4-Gauge Panel	
QRP67-4021	Oil Pressure, Water Temperature, Oil Temperature, and Fuel Pressure
QRP67-4026	Oil Pressure, Water Temperature, Fuel Pressure, and Water Pressure
QRP67-4027	Oil Pressure, Water Temperature, Oil Temperature, and Volt Meter
5-Gauge Panel	
QRP67-5036	Oil Pressure, Water Temperature, Oil Temperature, Fuel Pressure, and Water Pressure
QRP67-5037	Oil Pressure, Water Temperature, Oil Temperature, Fuel Pressure, and Volt Meter

Digital Brake Bias Gauge Kit with Senders

QRP67-101

Ultra-lightweight, digital 2-1/16" brake bias gauge kit includes (2) 1,600 PSI senders for front and rear brake pressure. Gauge will display either PSI or percentage, and features a high-PSI recall function. Perfect for setting brake bias and determining how much brake pressure is being used.



Digital Gauge Panels with Tachometer

Identical to the previous gauge panels but with the addition of a digital 10,000 RPM tachometer. Electronic, 2-1/16" dia. gauges utilize a blue LED readout and graduated scale for increased readability. Built-in warning light functions cause the lighting to flash in the event of a problem, instantly alerting the driver. Panels are completely pre-wired and sold complete with necessary transducers and senders.



Part No.	Description
2-1 Gauge Panel	
QRP67-2031	Oil Pressure, Water Temperature, and Tachometer
3-1 Gauge Panel	
QRP67-3041	Oil Pressure, Water Temperature, Oil Temperature, and Tachometer
QRP67-3042	Oil Pressure, Water Temperature, Water Pressure, and Tachometer
QRP67-3046	Oil Pressure, Water Temperature, Water Pressure, and Tachometer NEW!
QRP67-3047	Oil Pressure, Water Temperature, Volt Meter and Tachometer
4-1 Gauge Panel	
QRP67-4051	Oil Pressure, Water Temperature, Oil Temperature, Fuel Pressure, and Tachometer
QRP67-4056	Oil Pressure, Water Temperature, Fuel Pressure, Water Pressure, and Tachometer
QRP67-4057	Oil Pressure, Water Temperature, Oil Temperature, Volt Meter, and Tachometer



Individual Digital Gauges

Digital 2-1/16" dia. gauges may also be purchased separately. Sold complete with 12-volt lighting. Senders, transducers, or pressure lines not included.



QRP67-000

QRP67-003

QRP67-007

Part No.	Description
QRP67-000	Fuel Pressure, 0-15 PSI
QRP67-001	Tachometer, 0-10,000 RPM
QRP67-003	Oil Pressure, 0-100 PSI
QRP67-005	Fuel Pressure, 0-100 PSI
QRP67-006	Water Temperature, 100-280°F
QRP67-007	Volt Meter, 8-18 Volts
QRP67-008	Water Pressure, 0-100 PSI
QRP67-009	Oil Temperature, 100-320°F

Gauge Panels with Tachometer

QuickCar's LED-lit gauge panels are fitted with choice of 3-3/8" or 5" dia. tachometers and 2-5/8" dia. mechanical gauges. Tachs and gauges include large graphics, bright red pointers, illuminated silver dial faces, and color-coded printing to provide easy separation of gauges and warning lights. Panels are completely pre-wired and ready to install. Choose from checkered flag or black gauge panels.



Description	Checkered Flag Part No.	Black Part No.
2-1 Gauge Panel, 5" Tach, Oil Press. and Water Temp.	QRP61-6031	QRP61-6731
2-1 Gauge Panel, 3-3/8" Tach, Oil Press. and Water Temp.	QRP61-60313	QRP61-67313
3-1 Gauge Panel, 5" Tach, Oil Press., Water Temp., and Oil Temp.	QRP61-6041	QRP61-6741
3-1 Gauge Panel, 3-3/8" Tach., Oil Press., Water Temp., and Oil Temp.	QRP61-60413	QRP61-67413
3-1 Gauge Panel, 5" Tach, Oil Press., Water Temp., and Fuel Press.	QRP61-6042	QRP61-6742
3-1 Gauge Panel, 3-3/8" Tach, Oil Press., Water Temp., and Fuel Press.	QRP61-60423	QRP61-67423
4-1 Gauge Panel, 3-3/8" Tach, Oil Press., Water Temp., Oil Temp., and Fuel Press.	QRP61-60513	QRP61-67513
4-1 Gauge Panel, 5" Tach, Oil Press., Water Temp., Oil Temp., and Fuel Press.	QRP61-6051	QRP61-6751

Individual Gauges

Affordable illuminated 2-5/8" dia. gauges have silver dial faces with bright red pointers.

Part No.	Description
QRP611-6000	Fuel Pressure, 0-15 PSI
QRP611-6003	Oil Pressure, 0-100 PSI
QRP611-6006	Water Temperature, 140°-280°F
QRP611-6007	Voltmeter, 8-18 Volts
QRP611-6009	Oil Temperature, 140°-340°F



QRP611-6006

Gauge Panels

QuickCar LED-lit gauge panels offer racers a revolutionary view of their large, 2-5/8" dia. gauges. Large graphics, bright red pointers, illuminated silver dial faces, 12:00 markings, and color-coded printing provide easy separation of gauges and warning lights. All panels are completely wired and ready to install. Extra-thick connectors and high-temp 14-gauge cable connects warning and illumination lights. Choose from checkered flag or black gauge panels.



Description	Checkered Flag Part No.	Black Part No.
2-Gauge Panel, Oil Press. and Water Temp.	QRP61-6001	QRP61-6701
3-Gauge Panel, Oil Press., Water Temp. and Oil Temp.	QRP61-6011	QRP61-6711
3-Gauge Panel, Oil Press., Water Temp. and Fuel Press.	QRP61-6012	QRP61-6712
3-Gauge Panel, Oil Press., Water Temp. and Volt Meter	—	QRP61-6717
4-Gauge Panel, Oil Press., Water Temp., Oil Temp. and Fuel Press.	QRP61-6021	QRP61-6721

Replacement Gauge Panel Components

A variety of replacement bulbs, pilot lights, pressure, and temperature switches are available for use with popular QuickCar gauge panels.



Part No.	Description
QRP61-691	Red LED Bulbs for Standard QuickCar Gauges, Pair
QRP61-692	Blue LED Bulbs for Standard QuickCar Gauges, Pair
QRP61-693	Amber LED Bulbs for Standard QuickCar Gauges, Pair
QRP61-694	Green LED Bulbs for Standard QuickCar Gauges, Pair
QRP61-698	White LED Bulbs for Standard QuickCar Gauges, 4-Pack
QRP61-699	White LED Bulbs for Standard QuickCar Gauges, Each
QRP61-701	Red Warning Light, 3/4" Dia.
QRP61-702	Blue Warning Light, 3/4" Dia.
QRP61-704	Yellow Warning Light, 3/4" Dia.
QRP61-706	4-Pc. Warning Light Kit, Includes (1) Red, (1) Blue, (1) Amber and (1) Green
QRP61-709	Green Warning Light, 3/4" Dia.
QRP61-730	Fuel Pressure Switch, 1/8" NPT, Activates Warning Light @ 4 PSI
QRP61-733	Oil Pressure Switch, 1/8" NPT, Activates Warning Light @ 30 PSI
QRP61-735	Oil Pressure Switch, 1/8" NPT, Activates Warning Light @ 20 PSI
QRP61-740	Water Temperature Switch, 1/2" NPT, Activates Warning Light @ 235°F
QRP61-748	Water Temperature Switch, 3/8" NPT, Activates Warning Light @ 235°F
QRP61-750	Oil Temperature Switch, 1/2" NPT, Activates Warning Light @ 280°F
QRP61-751	Sender Kit (3) Mech. Oil PSI (20 PSI), Water Temp. (235°F) and Fuel PSI (4 PSI) NEW!
QRP61-752	Sender Kit (4) Mech. Oil PSI (20 PSI), Water Temp. (235°F), Fuel PSI (4 PSI) & Oil Temp. (280°F)

Temperature and Pressure Adapters

Required to connect pressure or mechanical water/oil temperature gauges to engine.



QRP61-724

QRP611-903

Part No.	Description
QRP61-721	Brass 1/8" NPT Fitting, (3) Female Ports
QRP61-724	1/8" NPT Female to -4AN Male, Gauge Adapter
QRP61-725	1/8" NPT Male to -4AN Male, Oil/Fuel Pressure Adapter
QRP611-900	1/2" NPT Brass Temperature Adapter
QRP611-901	1/2" NPT Aluminum Temperature Adapter
QRP611-902	3/8" NPT Aluminum Temperature Adapter
QRP611-903	3/8" NPT Extended Aluminum Temperature Adapter, Required Where Standard Adapter Contacts Manifold or Cylinder Head Prior to Tightening



1" and 1-1/4" Hose Adapters

Adapters are designed to splice into radiator hose and allow a temperature sender or bleeder valve to be installed where space is an issue.



Part No.	Description
QRP61-756	1" Hose with 1/8" NPT Port
QRP61-757	1-1/4" Hose with 1/2" NPT Port

Water Temperature Switch

[QRP60-040](#)

Designed for use in conjunction with an electric fan, switch may be used to provide automatic fan activation. Switch is pre-set to 200°F.



Two-Wire Electric

Temperature Sender [QRP63-225](#)

Designed for use with QuickCar Redline or Digital gauges, special sending unit allows accurately measuring oil or water temperatures from 0-320°F. Two-wire, internally grounded sender has 1/8" NPT threads.



Fuel Pressure Isolator [QRP61-300](#)

Isolator eliminates the hazards associated with driver's compartment-mounted fuel pressure gauges. Typically mounted to the engine side firewall, isolator is compatible with gasoline, alcohol, or methanol fuels. Manufactured from black anodized billet 6061-T6 aluminum, isolator is capable of monitoring pressures up to 80 PSI and is sold complete with -4AN adapters and mounting hardware.



Oil Temperature Manifold

[QRP61-755](#)

Installed in-line to allow monitoring engine oil temperature, manifold is constructed from rigid billet aluminum. Manifold includes -10AN O-ring boss inlet and outlet ports, and a female port for an oil temperature probe.



Firewall Junction Mounting Blocks



Designed to add longevity to any pressure sensor or transducer, black anodized aluminum mounting blocks allow the sensor to be mounted away from the heat and vibration created by the engine. The blocks include 1/8" NPT female threads with either two or three holes, providing a clean, remote location to mount all sensors together.

Part No.	Description
QRP63-120	Junction Block, (2) 1/8" NPT Holes
QRP63-121	Junction Block, (2) 1/8" NPT Holes & (1) 3/8" Non-threaded Accessory Hole NEW!
QRP63-130	Junction Block, (3) 1/8" NPT Holes
QRP63-132	Junction Block, (3) 1/8" NPT Holes & (2) 3/8" Non-threaded Accessory Holes NEW!

Quick-Lite Warning Light Kits

Warning light kits immediately alert the driver of engine problems. Each kit is sold complete with warning light, sending switch, and wiring.

Oil Pressure Kit [QRP61-711](#)

Kit includes red warning light, pressure sending unit that actuates the warning light if oil pressure drops below 20 PSI, brass inline tee for oil pressure line, and pre-terminated wiring.



Water Temperature Kit

[QRP61-712](#)

Kit includes blue warning light, temperature sending unit that actuates the warning light if water temperature exceeds 235°F, and pre-terminated wiring.



Oil Temperature Kit

[QRP61-714](#)

Kit includes amber warning light, temperature sending unit that actuates the warning light if oil temperature exceeds 280°F, and pre-terminated wiring.



Fuel Pressure Kit [QRP61-719](#)

Kit includes green warning light, pressure sending unit that actuates the warning light if fuel pressure drops below 4 PSI, and pre-terminated wiring.



Water Pressure Kit

[QRP61-713](#)

Kit provides instant notice in the event of a blown hose, radiator, or head gasket problem. Sold complete with blue warning light, pressure sending unit that actuates the warning light if water pressure drops below 4 PSI, and pre-terminated wiring.



Water Pressure Kit with 2-1/16" Dia. Gauge [QRP61-716](#)

Keep track of spikes or loss of cooling system pressure. Kit is similar to the [QRP61-713](#) kit with the addition of a 2-1/16" dia., 0-35 PSI water pressure gauge.



Part No.	Description
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Quick-Lite Warning Light Kit Replacement Components

QRP61-697	LED Bulb for Water Pressure Gauge
QRP61-701	Red Warning Light, 3/4" Dia.
QRP61-702	Blue Warning Light, 3/4" Dia.
QRP61-704	Yellow Warning Light, 3/4" Dia.
QRP61-709	Green Warning Light, 3/4" Dia.
QRP61-730	Fuel Pressure Switch, 1/8" NPT, 4 PSI
QRP61-733	Oil Pressure Switch, 1/8" NPT, 30 PSI
QRP61-735	Oil Pressure Switch, 1/8" NPT, 20 PSI
QRP61-740	Water Temperature Switch, 1/2" NPT, 235°F
QRP61-748	Water Temperature Switch, 3/8" NPT, 235°F
QRP61-750	Oil Temperature Switch, 1/2" NPT, 280°F



Weatherproof Ignition Control Panels with Circuit Breakers **NEW!**

Similar in appearance, construction and quality to traditional QuickCar switch panels but with the addition of professional level circuit breakers. Panels are fully assembled and pre-wired to make installation simple.

Main power cable and starter wire are professionally crimped, soldered, and heat shrunk for superior quality. Comes with standard 20 amp breakers. Choose from panels with or without pilot lights above each switch.



Part No.	Description	Dimensions
QRP50-868	Ignition, Mom. Starter & (5) Access.	6-7/8"W x 4"H
QRP50-869	Ignition, Mom. Starter, (5) Access., & Pilot Lights	6-7/8"W x 5"H

Weatherproof Ignition Control Panels

Weatherproof switch panels include single toggle start and single toggle ignition switches. Aluminum panels include attractive gloss black finish. Accompanying wiring harness for easy installation may be purchased separately, listed on following page.



Part No.	Description	Dimensions	Recommended Wiring Harness
QRP50-750	Ignition & Momentary Starter	3-3/8"W x 3-1/2"H	QRP50-200 (Basic) or QRP50-201 (HEI)
QRP50-7531	Ignition & Momentary Starter	3-3/8"W x 3-1/2"H	QRP50-2031 (Single Ignition/Weatherpack)

Weatherproof Ignition Control Panels with Single Accessory Switch

Attractive gloss black panels feature a full weatherproof design, are completely pre-wired, and are designed to plug-in directly into the specified ignition wiring harness. Aluminum panels listed feature easy-to-use toggle switches and are offered for applications using a single or dual ignition system. Wiring harness must be purchased separately, listed on following page.



Part No.	Description	Dimensions	Recommended Wiring Harness
Standard Ignition Control Panels			
QRP50-720	Ignition, Momentary Starter & (1) Accessory	4-5/8"W x 2-1/2"H	QRP50-200 (Basic) or QRP50-201 (HEI)
QRP50-731	Ignition, Momentary Starter & (1) Accessory	4-5/8"W x 2-1/2"H	QRP50-2031 (Single Ignition/Weatherpack)
QRP50-790	Ignition, Momentary Starter & (1) Accessory	2-1/2"W x 4-5/8"H	QRP50-200 (Basic) or QRP50-201 (HEI)
QRP50-7931	Ignition, Momentary Starter & (1) Accessory	2-1/2"W x 4-5/8"H	QRP50-2031 (Single Ignition/Weatherpack)
Dual Ignition Control Panels			
QRP50-711	Ignition, Momentary Starter & (1) Accessory	4-5/8"W x 2-1/2"H	QRP50-2021 (Dual Ignition/Weatherpack)
QRP50-7911	Ignition, Momentary Starter & (1) Accessory	2-1/2"W x 4-5/8"H	QRP50-2021 (Dual Ignition/Weatherpack)

Weatherproof Ignition Control Panels with Two Accessory Switches

Gloss black weatherproof ignition control panels are 4-1/8" W x 3" H and are completely pre-wired and ready to install. Aluminum panels use toggle-style switches, and may be used with the specified wiring harness for simplified installation. Wiring harness must be purchased separately, listed on following page.



Part No.	Description	Dimensions	Recommended Wiring Harness
Standard Ignition Control Panels			
QRP50-740	Ignition, Momentary Starter & (2) Accessories	4-1/8"W x 3"H	QRP50-200 (Basic) or QRP50-201 (HEI)
QRP50-7431	Ignition, Momentary Starter & (2) Accessories	4-1/8"W x 3"H	QRP50-2031 (Single Ignition/Weatherpack)
Dual Ignition Control Panel			
QRP50-7411	Ignition, Momentary Starter & (2) Accessories	4-1/8"W x 3"H	QRP50-2021 (Dual Ignition/Weatherpack)

Weatherproof Panels with Three Accessory Switches

Attractive black or checkered flag-finished aluminum panels combine toggle switches with a weatherproof design for maximum reliability. Panels include ignition, momentary starter, and three accessory switches. May be used with specified wiring harness, available separately, for a simplified installation, listed on following page.



Description	Dimensions	Checkered Flag Part No.	Black Part No.	Recommended Wiring Harness
Single Ignition Control Panel				
Ignition, Mom. Starter, 3-Wheel Brake & (2) Access.	4-1/8"W x 3"H	QRP50-1713	QRP50-7713	QRP50-2031 (Single Ignition/Weatherpack)
Ignition, Mom. Starter & (3) Access., for Dual Pickup	4-1/8"W x 3"H	QRP50-1714*	QRP50-7714*	QRP50-2034 (Single Ign./Dual Pickup/Weath.)
Dual Ignition Control Panel				
Ignition, Momentary Starter & (3) Accessories	4-1/8"W x 3"H	QRP50-1711	QRP50-7711	QRP50-2021 (Dual Ignition/Weatherpack)

* Designed for applications using a single ignition control with a dual-pickup distributor.

Weatherproof Ignition Control Panels with Four Accessory Switches

Lightweight aluminum, gloss black ignition panels with weatherproof toggle switches include ignition, momentary starter, and four accessory switches. May be used with the specified wiring harness, available separately, for a simplified installation, listed on following page.



Part No.	Description	Dimensions	Recommended Wiring Harness
Standard Ignition Control Panel			
QRP50-7631	Ignition, Momentary Starter & (4) Accessories	3-1/4"W x 4-1/2"H	QRP50-2031 (Single Ignition/Weatherpack)
Dual Ignition Control Panel			
QRP50-7611	Ignition, Momentary Starter & (4) Accessories	3-1/4"W x 4-1/2"H	QRP50-2021 (Dual Ignition/Weatherpack)
QRP50-7414	Ignition, Momentary Starter & (4) Accessories	4-1/8"W x 3"H	QRP50-2034 (Dual Ignition/Weatherpack)



Weatherproof Panels with Four Accessory Switches

Weatherproof black aluminum switch panels are 4-1/8" W x 3" H, and include four accessory toggle switches. Includes pigtail for custom wiring. Choose from panels with or without pilot lights.

Part No.	Description	Dimensions	Recommended Wiring Harness
Standard Ignition Control Panels			
QRP50-718	(4) Accessories & (4) Pilot Lights	4-1/8" W x 3" H	—
QRP50-719	(4) Accessories	4-1/8" W x 3" H	—



Ignition Control Panels

Traditional QuickCar toggle-style ignition control panels feature ignition switch, momentary starter button, and are available with a variety of accessory switches and pilot lights. Offered in black or with checkered flag graphics, panels are completely pre-wired and ready to install. Panels plug directly into QuickCar wiring harness (unless specified), purchased separately, are listed at the bottom of the page.



Description	Dimensions	Checkered Flag Part No.	Black Part No.	Recommended Wiring Harness
Ignition, Momentary Starter, & (1) Accessory	4-5/8" W. x 2-1/2" H.	QRP50-020	QRP50-820	QRP50-200 (Basic) or QRP50-201 (HEI)
Ignition, Mom. Starter, (1) Accessory, & (1) Pilot Light	4-5/8" W. x 4-3/8" H.	QRP50-022	QRP50-822	QRP50-200 (Basic) or QRP50-201 (HEI)
Ignition w/Flip Cover, Mom. Starter, (1) Accessories, & (2) Pilot Lights	4-5/8" W. x 4-3/8" H.	QRP50-023	QRP50-823	QRP50-200 (Basic) or QRP50-201 (HEI)
Ignition, Mom. Starter, (2) Accessories, & (3) Pilot Lights	4-5/8" W. x 4-3/8" H.	QRP50-025	QRP50-825	QRP50-200 (Basic) or QRP50-201 (HEI)
Ignition, Momentary Starter, & (1) Accessory	4-5/8" W. x 2-1/2" H.	QRP50-031	—	QRP50-2031 (Single Ignition/Weatherpack)
Ignition, Momentary Starter, & (1) 3-Wheel Brake Switch	4-5/8" W. x 2-1/2" H.	QRP50-033	—	QRP50-2031 (Single Ignition/Weatherpack)
Ignition, Momentary Starter, & (1) Pilot Light	3-3/8" W. x 4-1/4" H.	QRP50-052	QRP50-852	QRP50-200 (Basic) or QRP50-201 (HEI)
Ignition w/Flip Cover, Mom. Starter, & (1) Pilot Light	3-3/8" W. x 4-1/4" H.	QRP50-053	QRP50-853	QRP50-200 (Basic) or QRP50-201 (HEI)
Ignition & Momentary Starter	3-3/8" W. x 3-5/8" H.	QRP50-102	QRP50-802	QRP50-200 (Basic) or QRP50-201 (HEI)
Ignition w/Flip Cover & Momentary Starter	3-3/8" W. x 3-5/8" H.	QRP50-103	QRP50-803	QRP50-200 (Basic) or QRP50-201 (HEI)
Ignition, Momentary Starter, & (5) Accessories	7" W. x 2" H.	QRP50-165	QRP50-865	Includes Pigtail for Custom Wiring
Ignition, Mom. Starter, (5) Accessories, & (6) Pilot Lights	7" W. x 3-1/4" H.	QRP50-166	QRP50-866	Includes Pigtail for Custom Wiring

Fused Ignition Control Panels

Similar to the above toggle switch panels with the addition of completely fused circuits. Panels are completely pre-wired and ready to install. Includes pigtail for custom wiring. Offered in black or with checkered flag graphics.



Description	Dimensions	Checkered Flag Part No.	Black Part No.
Ignition, Momentary Starter, & (5) Accessories	6-7/8" W x 3-1/4" H	QRP50-163	QRP50-863
Ignition, Momentary Starter, (5) Accessories, & (6) Pilot Lights	6-7/8" W x 4-1/8" H	QRP50-164	QRP50-864

Five Switch Kit with Decal

NEW! QRP50-7739

Includes a single momentary start switch, ignition switch, and three accessory weatherproof switches, all pre-wired for use with the QRP50-2031 wiring harness.



Magneto Switches **NEW!**

The perfect choice for racer's employing a magneto. Six-post micro switches, which allows switching a magneto on or off, includes extra posts for an oil pressure warning light. Weatherproof version is internally sealed to isolate it from the elements.

Part No.	Description
QRP50-502	Weatherproof 6-Post Magneto Switch
QRP50-503	Standard 6-Post Magneto Switch



Ignition Panel Replacement Components

Part No.	Description
QRP50-034	3-Wheel Brake Harness, uses Weatherpack Connectors
QRP50-400	Momentary Microswitch, Waterproof
QRP50-410	Single Pole Microswitch, Waterproof
QRP50-500	Standard Single-Pole Switch
QRP50-505	Bridged Double-Pole Switch
QRP50-506	Momentary/Ignition/Starter Switch
QRP50-508	Single-Pole Switch with Long Handle NEW!
QRP50-510	Momentary Push-to-Start Switch
QRP50-512	Momentary Toggle Switch
QRP50-601	Red Pilot Light
QRP50-602	Blue LED Pilot Light
QRP50-604	Amber LED Pilot Light
QRP50-609	Green Pilot Light
QRP50-610	Boot for Toggle Switch
QRP52-510	Momentary Start Rocker Switch



QRP50-400



QRP50-510

Ignition Panel Wiring Harnesses

Ready-to-install wiring harnesses plug directly into QuickCar ignition panels to ease car construction.

Part No.	Description
QRP50-200	Basic Wiring Harness
QRP50-201	Basic Wiring Harness, HEI
QRP50-2021	Dual Ignition Harness, Uses Weatherpack Connectors
QRP50-2030	IMCA/UMP Modified Wiring Harness, Includes QRP50-031 ICP
QRP50-2031	Single Ignition Harness, Uses Weatherpack Connectors
QRP50-2033	Single Ignition Modified Harness, Uses Weatherpack Connectors NEW!
QRP50-2034	Dual Pickup Distributor Wiring Harness, Use with QRP50-1714 ICP
QRP50-2035	Single Ignition with 3-Wheel Brake Harness, Uses Weatherpack Connectors NEW!
QRP50-2037	UMP/IMCA Mod Ignition Wiring Harness, Black Panel
QRP50-2039	Single Ignition with HEI/Soft Touch Harness, Uses Weatherpack Connectors NEW!
QRP50-2051	Crane Ignition/Asphalt Late Model Wiring Harness, for Use with Crane 6700-6701 Ignition
QRP50-2053	Single Ignition Asphalt Late Model Spec. Harness, Uses Weatherpack Connectors NEW!





Digital MSD Adapter

QRP50-2006

Specialized wiring harness adapts MSD Digital 6 units to a standard 6-pin flat male weatherpack connector.



MSD Magnetic Pickup to Weatherpack Adapter

QRP50-207

Specialized adapter eliminates the need to cut MSD magnetic pickup wires when converting primary ignition wiring to Weatherpack connectors.



HEI Distributor Lead **NEW!**

QRP50-2009

Four-foot-long lead easily connects a HEI distributor to ignition switched power and the tachometer signal wire.



3-Wheel Brake Panel with Light **NEW!**

QRP50-035

Compact aluminum panel includes a switch for three-wheel braking and accompanying pilot light.



Remote Start Button with Mounting Plate **NEW!**

QRP50-433

Kit provides remote start provisions in the engine compartment, easing valve adjustments. Includes momentary push-to-start switch with mounting bracket, pre-wired and ready to install.



Crank Trigger Wiring Harness Extension

QRP50-206

Ideal for race cars using a dual ignition system, harness is 30" long and uses Weatherpack connectors on each end.



MSD 7AL-2 Plus Wiring Adapter

QRP50-7222

Adapts the wiring connector of the popular MSD 7AL-2 Plus ignition to a 6-pin Weatherpack connector.



Switch Panel Wiring Adapter to Weatherpack

QRP50-900

Special, 6" long wiring harness allows connecting a QuickCar ignition control panel to a Weatherpack connector.



In-Line ATC Fuse Holder

NEW! QRP50-955

Fuse holder is built into 12-gauge wire. Includes 5, 10, 15, 20, 25, and 30-amp ATC fuses.



Wiring Kits

Durable and affordable, wiring kits use fine-stranded, rope-lay copper wire for superior current carrying capabilities, while the 220°F insulation can withstand the high temperatures and fluids common to a racing environment. Choose from kits with checkered flag or black panels.



Description	Checked Flag Part No.	Black Part No.
2-Gauge Wiring Kit, Includes 50-053/50-853 ICP, Battery Cable, 50-201 HEI Wiring Harness, 55-009/55-010 Master Disconnect Switch, Top-Mount Battery Terminals, Ring Terminals, Heat Shrink, and Clamps	QRP50-230	QRP50-830
4-Gauge Wiring Kit, Includes 50-022/50-822 ICP, Battery Cable, 50-200 Wiring Harness, 55-009/55-010 Master Disconnect Switch, Solenoid, Top-Mount Battery Terminals, Ring Terminals, Heat Shrink, and Clamps	QRP50-231	QRP50-831
4-Gauge Premium Wiring Kit, Includes 50-020/50-820 ICP, Battery Cable, 50-200 Wiring Harness, 55-009/55-010 Master Disconnect Switch, Solenoid, Top-Mount Battery Terminals, Ring Terminals, Heat Shrink, and Clamps	QRP50-232	QRP50-832
2-Gauge Wiring Kit Less Master Disconnect, Includes 50-102/50-802 ICP, 50-200 Wiring Harness, Solenoid, Top-Mount Battery Terminals, Ring Terminals, Heat-Shrink Tubing, and Clamps	QRP50-234	QRP50-834
4-Gauge Wiring Kit, Includes 50-102/50-802 ICP, Battery Cable, 50-201 Wiring Harness, 55-009/55-010 Master Disconnect Switch, Top-Mount Battery Terminals, Ring Terminals, Heat Shrink, and Clamps	QRP50-235	QRP50-835
4-Gauge Wiring Kit Less Master Disconnect Includes 50-102 ICP, Battery Cable, Wiring Harness, Solenoid, Top-Mount Battery Terminals, Ring Terminals, Heat-Shrink Tubing and Clamps	QRP50-236	QRP50-836

Battery Cable Kits

Kits have everything needed to connect power throughout the race car. Includes 15' of red cable, 2' of black cable, (2) nickel-plated brass marine-style battery terminals, (8) gold-plated power rings and heat-shrink tubing. Battery cable may also be purchased separately in 125' rolls.



Part No.	Description
QRP57-009	4-Gauge Battery Cable Kit
QRP57-010	2-Gauge Battery Cable Kit
QRP57-014	4-Gauge Battery Cable Kit, Includes Master Disconnect Switch
QRP57-102	2-Gauge Red Battery Cable, 125'
QRP57-104	2-Gauge Black Battery Cable, 125'

Battery Cable Boots **QRP57-604**

May be used for covering battery terminals on small terminal batteries or starter solenoid connections. Boots may be used with up to 2-gauge cable. Sold as a pair, (1) red and (1) black.



Top-Mounted Battery Terminals

Machined from solid brass stock or nickel/brass and 24K gold-plated for optimum conductivity, terminals attach battery cables to top-mount batteries. Sold in pairs.



Part No.	Description
QRP57-610	Nickel/Brass Terminals, Wing Nut Style
QRP57-620	Brass Terminals, Button Head Screw-In Style
QRP57-627	Top Mount Battery Covers, Includes (1) Red and (1) Black Plastic Cover NEW!
QRP57-630	Nickel/Brass Terminals, Bolt-On NEW!
QRP57-640	Nickel/Brass Terminals, Solder On NEW!



Battery Quick Disconnects

Heavy-duty disconnects allow quick battery changes. Sold individually, complete with connectors.

Part No.	Description
QRP57-704	8 AWG
QRP57-705	2 AWG
QRP57-706	4 AWG
QRP57-707	Black Cover for QRP57-704 Connector



QRP57-707

Switch Panel Sticker Kits

Customize QuickCar ignition control panels quickly and easily, while keeping a professional appearance. Sticker kits include labels for 16 various functions that may be activated with accessory switches.

Part No.	Description
QRP50-003	Panels with Six or More Switches
QRP50-004	Panels with Five or Fewer Switches



Toggle Switch Extensions

Push-on switch extensions ease toggle switch activation, particularly when wearing driving gloves. Sold per pair, in choice of red or black.

Part No.	Color
QRP50-524	Red
QRP50-526	Black



Heavy-Duty Starter Solenoid QRP50-430

Solenoid is impervious to dirt, heat, and vibration and will still function properly when others won't.



Starter Solenoid Jumper Wires

Jumper wires simplify wiring when a remote solenoid is being used. Wire jumps power from the solenoid to the starter when the solenoid is engaged. Choose from spade type or ring terminal styles.

Part No.	Description
QRP50-2001	Starter Jumper Wire, Spade Type, Fits Allstar, Tilton, etc.
QRP50-2002	Starter Jumper Wire, Ring Terminal, Fits Bert, Brinn, etc.



Top Post Battery Master Disconnect NEW! QRP57-650

Top post-style battery terminal features a built-in rotary switch that allows quick electrical system shut-down without the re-wiring associated with typical master disconnect switches. Switch is rated at 100 amps and is compatible with 12-24-volt electrical systems. Sold each.



Master Disconnects

Required by most sanctioning bodies as an emergency cut-off switch, master disconnects are sold complete with red epoxy-coated handle and 2-1/2" x 2-1/2" mounting plate. Switches are offered with choice of checkered flag, black, or silver mounting plate.



Description	Checkered Flag Part No.	Black Part No.	Silver Part No.
Master Disconnect Switch	QRP55-009	QRP55-010	QRP55-021
Master Disconnect Switch, Cars with Alternator	QRP55-012	QRP55-011	QRP55-022
Master Disconnect Switch, High Amp, 4-Post NEW!	QRP55-008	QRP55-013	QRP55-023

Part No.	Description
QRP55-001	Master Disconnect Switch Only
QRP55-002	Master Disconnect Switch Only, Cars with Alternator
QRP55-55	Red Switch Handle with Screw
QRP55-120	Master Disconnect Switch Jumper Wire, Simplifies Wiring
QRP55-005	Master Disconnect Switch Only, High Amp, 4-Post
QRP55-121	Jumper Wire, 3" Long for use with QRP55-008, QRP55-013 or QRP55-023

Waterproof Battery Disconnect Switch with Removable Key

When placed in the OFF position, durable aluminum-bodied switch isolates all electrical connections from the alternator to prevent battery drain.



A detachable aluminum key provides increased security, while the waterproof design delivers increased durability. Suitable for a wide range of applications including race cars, street machines, boats, etc., switch may be used with 12V/24V electrical systems and includes black mounting plate. Choose from switches with red or silver key.

Part No.	Description
QRP55-030	Battery Disconnect Switch, Red Key
QRP55-031	Battery Disconnect Switch, Silver Key
QRP55-004	Replacement Red Key

Firewall Grommet Set **NEW!** QRP50-008

Set includes (3) rubber, cone-style 3/4", 1-1/8" and 1-5/8" O.D. grommets that may be installed in firewall to provide protection to gauge or electrical wiring. Grommets are easily trimmed.



Remote Charging Posts

Provides remote access to battery. Terminals have insulated covers to prevent accidental contact from parts with opposing polarity.



Part No.	Description
QRP57-701	Red
QRP57-702	Black
QRP57-703	Red and Black, Pair



Remote Charging Post Mounting Brackets

Mount remote charging posts (QRP57-703) neatly and effectively. Brackets are manufactured from precision-machined, black anodized aluminum, and are offered flat for mounting surfaces or bent to mount on fire-wall or inside of trunk.



Part No.	Description
QRP57-708	Flat Charging Post Bracket
QRP57-709	Bent Charging Post Bracket

Remote Outlet Kits

Connect battery chargers, oil heaters, etc. quickly and more effectively. Kits attach easily to outside body panels, providing remote access.



Part No.	Description
QRP57-711	Remote Outlet for Oil Heater or Battery Charger
QRP57-723	Remote Battery Charger Outlet with Cover
Replacement Components	
QRP57-710	Remote Outlet Only, 110-Volt Male Recessed
QRP57-720	Female 110-Volt Receptacle Only, 3-Prong NEW!
QRP57-721	Male 110-Volt Flange Mount Only, 3-Prong NEW!

Battery Disconnect Boots

Protects battery disconnect terminals from being accidentally shorted. Sold per pair, boots may be used with up to 2-gauge cable.



Part No.	Description
QRP57-601	Red, Pair
QRP57-602	Black, Pair

Alternator Wire Boot

QRP57-605

Designed to work with 8-gauge wire, boot isolates and protects alternator connection.



Alternator Wire Kits **NEW!**

Universal alternator wire kit includes 9' of 8-gauge wire, ring terminals, and boot. Kit with quick disconnect eases engine swaps.



Part No.	Description
QRP57-105	Alternator Wire Kit with Quick Disconnect
QRP57-106	Alternator Wire Kit

Terminal Bus Bar

Glass-filled nylon bus bar with 12 connection terminals, each able to handle up to 15 amps continuously. Features a 1/4" stainless steel terminal post and (12) #8-32 stainless steel attaching screws. Choose from red or black bus bars with or without terminal covers.



Part No.	Description
QRP57-801	Red Terminal Bus Bar
QRP57-8012	Red Terminal Bus Bar with Cover NEW!
QRP57-802	Black Terminal Bus Bar NEW!
QRP57-8022	Black Terminal Bus Bar with Cover NEW!

Heavy Race Wire

Fine-stranded, rope-lay copper wire offers high flexibility, superior power flow, and insulation capable of handling extreme temperatures.



Description	5' Length Part No.	10' Length Part No.	15' Length Part No.	125' Roll Part No.
2-Gauge, Red	QRP57-321	—	QRP57-1521	—
2-Gauge, Black	QRP57-323	—	QRP57-1523	—
4-Gauge, Red	QRP57-341	—	QRP57-1541	QRP57-092
4-Gauge, Black	QRP57-343	—	QRP57-1543	QRP57-094
8-Gauge, Black	—	QRP57-2501	—	—
8-Gauge, Red	—	QRP57-2401	—	—
14-Gauge, Red	—	QRP57-2011	—	—
14-Gauge, Black	—	QRP57-2031	—	—
14-Gauge, White	—	QRP57-2361	—	—

Battery Cable Ends

Heavy-duty, gold-plated copper ring terminals are sold in pairs with heat-shrink tubing.



Part No.	Description
QRP57-520	4-Gauge, 5/16" Hole
QRP57-525	4-Gauge, 1/4" Hole
QRP57-530	4-Gauge, 3/8" Hole
QRP57-535	4-Gauge, 1/2" Hole NEW!
QRP57-540	2-Gauge, 5/16" Hole
QRP57-550	2-Gauge, 3/8" Hole
QRP57-560	2-Gauge, 1/2" Hole NEW!

Ring and Spade Terminals

Ideal for custom wiring tasks, one-piece, 24K gold-plated copper terminals are sold per pair with heat-shrink tubing.



Part No.	Description
Ring Terminals	
QRP57-450	10-12 Gauge, #6 (.148") Hole
QRP57-470	10-12 Gauge, #10 (.200") Hole
QRP57-471	14-16 Gauge, #6 (.148") Hole
QRP57-472	14-16 Gauge, #10 (.200") Hole
QRP57-473	14-16 Gauge, 3/8" Hole
QRP57-474	8-10 Gauge, 3/8" Hole
QRP57-475	8-10 Gauge, #10 (.200") Hole
QRP57-476	16-22 Gauge, #6 (.148") Hole
QRP57-478	14-16 Gauge, 1/4" Hole
QRP57-479	14-16 Gauge, 5/16" Hole
QRP57-481	8-Gauge, 1/4" Hole
QRP57-490	8-Gauge, 5/16" Hole
QRP57-510	8-Gauge, 3/8" Hole NEW!
Spade Terminals	
QRP57-942	Female Spade, 14-16 Gauge, .259" Tab Width
QRP57-943	Male Spade, 10-12 Gauge, .250" Tab Width NEW!
QRP57-944	Female Spade, 10-12 Gauge, .259" Tab Width
QRP57-945	Male Spade, 14-16 Gauge, .250" Tab Width NEW!

8-Terminal Power Distribution Post

Glass-filled nylon base with nickel-plated connection plate is capable of handling 180 amps, and 20 amps per connection. Unit includes a single 5/16" stainless steel connection post and (8) #8-32 stainless steel attaching screws.



Part No.	Description
QRP57-805	Red 8-Terminal Power Distribution Post
QRP57-806	Black 8-Terminal Power Distribution Post

Pass Through Posts **NEW!**

Pass through post allows running electrical wires neatly through firewall or other panels. Post has a nickel-plated, 3/8" stud and a 250-amp max rating. Offered in red or black.



Part No.	Description
QRP57-803	Pass Through Post, Red
QRP57-804	Pass Through Post, Black



Power Distribution Stud QRP57-807

Connect two or more power sources together. Glass-filled nylon base with 3/8" stud. 160 amps maximum.



Stud Feed-Thru NEW! QRP57-800

Designed for use where a 12-volt power source must pass through a panel (i.e. firewall), Stud Feed-Thru includes a 3/8" stainless steel stud. Offered in red or black.



Part No.	Description
QRP57-700	Stud Feed-Thru, Black
QRP57-800	Stud Feed-Thru, Red

Weatherpack Starter Kit QRP50-380

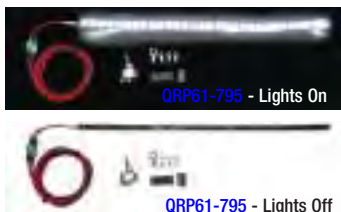
An exceptionally secure wire termination with a waterproof seal for connecting ignition or accessories throughout the car. Perfect when building a new car or updating an existing one, 230-piece kit includes a full selection of Weatherpack connectors, all in a neat plastic case. Weatherpack connectors may also be purchased separately.



Part No.	Description
QRP50-312	1-Pin Connector
QRP50-322	2-Pin Connector
QRP50-332	3-Pin Connector
QRP50-342	4-Pin Connector
QRP50-362	6-Pin Connector

LED Under-Car Light Kit

Perfect for dark pit areas when an urgent under-car repair is required. Bright white, 18" long LED light strip installs easily under car or in any dark area where lighting is required.



Part No.	Description
QRP61-795	LED Under-Car Light Kit
QRP61-9795	Replacement LED Strip with Connectors

LED Light Strips

18" long LED light strips can be placed virtually anywhere where lighting is desired, inside the driver's compartment, under the hood, etc. Offered in a variety of colors.

Part No.	Description
QRP61-791	Yellow LED Strip
QRP61-792	Blue LED Strip
QRP61-793	Green LED Strip
QRP61-794	Purple LED Strip
QRP61-9790	Red LED Strip



Premium Black Cable Ties QRP58-250

Black 15" long cable ties are made of weather-resistant nylon and include metal locking barbs to provide a reliable, locking force. Sold in packs of 50.



Ratcheting Crimper Pliers QRP50-395

Perform professional-quality crimps to a variety of electrical terminals including insulated, non-insulated, Weatherpack, or spark plug wire. Design allows quickly changing jaws without the need for tools. Pliers also allow adjustment for crimping pressure.



Heavy-Duty Automatic Wire Stripper QRP50-393

Heavy-duty, 6" pliers allow quickly stripping of 8- to 18-gauge wire for termination. A bolt-on depth adjustment guide provides consistent, reliable strip length.



Throttle Stop Brackets

Offered for popular Holley carburetors, fully CNC-machined black anodized aluminum bracket includes adjustable throttle stop.



Part No.	Description
QRP64-157	Holley 4bbl
QRP64-158	Holley 2bbl

AN Aluminum Wrench Set QRP64-708

Five-piece aluminum wrench set includes -6AN, -8AN, -10AN, -12AN, and -16AN.



Sleeved Race Spark Plug Wire



Premium quality spark plug wire offers quick energy transfer, less than 40 ohms/ft. of resistance, high EMI (Electro Magnetic Interference) and RFI (Radio Frequency Interference) suppression. Flexible, high-strength wire is constructed using a Kevlar core and nickel-copper alloy-wound conductor that is covered with two full layers of silicone-impregnated fiberglass, resulting in a 11.5 mm O.D. and heat-resistance to 1,400°F. High-temperature silicone boots resist temperatures up to 600°F, while the posi-snap terminals provide a secure connection. Cylinder numbers are labeled on both ends. Compatible with most ignition systems. Choose from red or black wire sets.

Description	Red Part No.	Black Part No.
SB Chevy Wire Set, 24" Coil Wire	QRP40-100	QRP40-300
SB Chevy Wire Set, without Coil Wire	QRP40-150	QRP40-350
12" Coil Wire Only, HEI/HEI	QRP40-121	QRP40-123
12" Coil Wire Only, HEI/Socket	QRP40-125	QRP40-127
18" Coil Wire Only, HEI/HEI	QRP40-181	QRP40-183
18" Coil Wire Only, HEI/Socket	QRP40-185	QRP40-187
24" Coil Wire Only, HEI/HEI	QRP40-241	QRP40-243
24" Coil Wire Only, HEI/Socket	—	QRP40-247
36" Coil Wire Only, HEI/HEI	QRP40-361	QRP40-363
36" Coil Wire Only, HEI/Socket	QRP40-365	QRP40-367
42" Coil Wire Only, HEI/HEI	QRP40-421	QRP40-423
42" Coil Wire Only, HEI/Socket	QRP40-425	QRP40-427
48" Coil Wire Only, HEI/HEI	QRP40-481	QRP40-483
48" Coil Wire Only, HEI/Socket	QRP40-485	QRP40-487
60" Coil Wire Only, HEI/HEI	QRP40-601	QRP40-603
60" Coil Wire Only, HEI/Socket	QRP40-605	QRP40-607



Aluminum Suspension Tubes

Manufactured in the USA from rigid 6061 aluminum, QuickCar suspension tubes are up to 35% stronger than hex or round units. Suspension tubes include precision-machined ends, corrosion-resistant black anodized finish, and identification on the LH end. Unique design allows easy adjustment by hand or with a wrench. Choose from 21/32" O.D. with 5/16"-24 threads, 21/32" O.D. with 3/8"-24 threads, 1-1/8" O.D. with 5/8"-18 threads, or 1-1/4" O.D. with 3/4"-16 threads.

Length	21/32" O.D. 5/16"-24 Threads	21/32" O.D. 3/8"-24 Threads	1-1/8" O.D. 5/8"-18 Threads	1-1/4" O.D. 3/4"-16 Threads	Length	21/32" O.D. 5/16"-24 Threads	21/32" O.D. 3/8"-24 Threads	1-1/8" O.D. 5/8"-18 Threads	1-1/4" O.D. 3/4"-16 Threads
6"	QRP31-060	—	—	—	24"	QRP31-240	QRP38-240	QRP62-240	QRP75-240
6.5"	QRP31-065	—	—	—	24.5"	QRP31-245	—	QRP62-245	—
7"	QRP31-070	—	QRP62-070	QRP75-070	25"	QRP31-250	QRP38-250	QRP62-250	QRP75-250
7.5"	QRP31-075	—	QRP62-075	QRP75-075	25.5"	QRP31-255	—	—	—
8"	QRP31-080	QRP38-080	QRP62-080	QRP75-080	26"	QRP31-260	QRP38-260	—	QRP75-260
8.5"	QRP31-085	QRP38-085	QRP62-085	QRP75-085	27"	—	QRP38-270	QRP62-270	QRP75-270
9"	QRP31-090	QRP38-090	QRP62-090	QRP75-090	27.5"	—	—	QRP62-275	—
9.5"	QRP31-095	QRP38-095	QRP62-095	QRP75-095	28"	—	QRP38-280	QRP62-280	QRP75-280
10"	QRP31-100	QRP38-100	QRP62-100	QRP75-100	29"	—	—	—	QRP75-290
10.5"	QRP31-105	QRP38-105	QRP62-105	QRP75-105	30"	—	—	—	QRP75-300
11"	QRP31-110	QRP38-110	QRP62-110	QRP75-110	31"	—	—	QRP62-310	QRP75-310
11.5"	QRP31-115	QRP38-115	QRP62-115	QRP75-115	32"	—	—	QRP62-320	QRP75-320
12"	QRP31-120	QRP38-120	QRP62-120	QRP75-120	33"	—	—	QRP62-330	QRP75-330
12.5"	QRP31-125	QRP38-125	QRP62-125	QRP75-125	34"	—	—	—	QRP75-340
13"	QRP31-130	QRP38-130	QRP62-130	QRP75-130	35"	—	—	—	QRP75-350
13.5"	QRP31-135	QRP38-135	QRP62-135	QRP75-135	36"	—	—	—	QRP75-360
14"	QRP31-140	QRP38-140	QRP62-140	QRP75-140	37"	—	—	—	QRP75-370
14.5"	QRP31-145	QRP38-145	QRP62-145	QRP75-145	38"	—	—	—	QRP75-380
15"	QRP31-150	QRP38-150	QRP62-150	QRP75-150	39"	—	—	QRP62-390	QRP75-390
15.5"	QRP31-155	QRP38-155	QRP62-155	QRP75-155	40"	—	—	QRP62-400	QRP75-400
16"	QRP31-160	QRP38-160	QRP62-160	QRP75-160	41"	—	—	—	QRP75-410
16.5"	QRP31-165	QRP38-165	QRP62-165	QRP75-165	42"	—	—	—	QRP75-420
17"	QRP31-170	QRP38-170	QRP62-170	QRP75-170	43"	—	—	—	QRP75-430
17.5"	QRP31-175	QRP38-175	QRP62-175	QRP75-175	44"	—	—	—	QRP75-440
18"	QRP31-180	QRP38-180	QRP62-180	QRP75-180	45.7"	—	—	QRP62-457	—
18.5"	QRP31-185	QRP38-185	QRP62-185	QRP75-185	46.5"	—	—	QRP62-465	—
19"	QRP31-190	QRP38-190	QRP62-190	QRP75-190	47.5"	—	—	QRP62-475	—
19.5"	QRP31-195	QRP38-195	QRP62-195	QRP75-195	47.7"	—	—	QRP62-477	—
20"	QRP31-200	QRP38-200	QRP62-200	QRP75-200	48"	—	—	QRP62-480	—
20.5"	QRP31-205	—	QRP62-205	QRP75-205	48.5"	—	—	QRP62-485	—
21"	QRP31-210	QRP38-210	QRP62-210	QRP75-210	48.7"	—	—	QRP62-487	—
21.5"	QRP31-215	—	QRP62-215	QRP75-215	49"	—	—	QRP62-490	—
22"	QRP31-220	QRP38-220	QRP62-220	QRP75-220	50"	—	—	QRP62-500	—
22.5"	QRP31-225	—	QRP62-225	QRP75-225	51"	—	—	QRP62-510	—
23"	QRP31-230	QRP38-230	QRP62-230	QRP75-230	72"	—	—	QRP62-600	—
23.5"	QRP31-235	—	QRP62-235	QRP75-235					

Suspension Tube Ruler



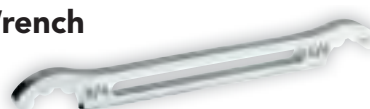
Measure nearly any suspension component fitted with rod ends including suspension tubes, tie rods, etc. Black powder-coated ruler includes a locking thumbscrew and provides precise measurements up to 36". Sold complete with aluminum adapters to measure components with 1/2", 5/8", or 3/4" rod ends. Optional adapters allow measuring parts with 1/4", 5/16", or 3/8" rod ends.

Part No.	Description
QRP66-100	Suspension Tube Ruler
QRP66-105	Ruler Adapters, Measure Components with 1/4", 5/16" or 3/8" Rod Ends
QRP66-106	Ruler Adapters, Measure Components with 1/2", 5/8" or 3/4" Rod Ends

Suspension Tube Wrench

QRP66-6275

Heavy-duty steel, double-ended wrench allows performing quick adjustments to QuickCar 5/8" or 3/4" O.D. suspension tubing.



Torque Absorbers

QRP66-500



Track-proven to increase forward bite out of the turns with sustained traction down the straightaway. Torque absorbers are IM-CA-legal, and are lighter than spring-style units. CNC-machined units feature an internal brass bushing and grease fittings to eliminate any possibility of bind, while the specially-threaded cap allows easy biscuit changes. Offered in three versions: Standard uses two interior biscuits and is 12-1/2" long; Intermediate uses three interior biscuits and is 14" long; and Long uses four interior biscuits and is 16" long. Softer or harder durometer biscuits may be purchased separately for tuning purposes.

Part No.	Description
QRP66-500	Standard Torque Absorber, 12-1/2" Long
QRP66-400	Intermediate Torque Absorber, 13" Long
QRP66-499	Long Torque Absorber, 14" Long
Replacement/Accessory Components	
QRP66-501	Torque Absorber Biscuit, Extra-Soft Blue
QRP66-502	Torque Absorber Biscuit, Soft Yellow
QRP66-503	Torque Absorber Biscuit, Soft Orange
QRP66-504	Torque Absorber Biscuit, Medium Red
QRP66-506	Torque Absorber Biscuit, Hard Black
QRP66-509	Torque Absorber Biscuit, Extra-Soft/Soft Green
QRP66-512	Torque Absorber Travel Indicator



QRP66-503



Torque Absorber Covers

Durable nylon covers keep dirt and debris out of QuickCar torque absorbers, while also preventing prying eyes from viewing biscuit colors and combinations. Covers may be easily installed or removed, and are secured with Velcro.



Part No.	Description
QRP66-520	Cover for 66-500, Standard 12-1/2" Long Torque Absorber
QRP66-530	Cover for 66-499, Long 14" Long Torque Absorber

Lightweight Steering Wheels

Lightweight, 15" diameter aluminum steering wheels are drilled and shot-peened to reduce weight and increase grip. Steering wheels weigh less than 1 lb. and include a 1-1/2" dish. Choose from natural or black powder coated.

Part No.	Description
QRP68-005	Natural Finish Steering Wheel
QRP68-006	Black Finish Steering Wheel

QRP68-006



Steering Wheels

Quality dished aluminum- or steel-spoked steering wheels are offered with a choice of smooth red, blue, or black grips.

Description	Black Part No.	Red Part No.	Blue Part No.
15" Steel Steering Wheel	QRP68-003	QRP68-0031	QRP68-0032
15" Aluminum Steering Wheel	QRP68-001	QRP68-0011	QRP68-0012
17" Aluminum Steering Wheel	QRP68-002	QRP68-0021	QRP68-0022
17" Steel Steering Wheel	QRP68-004	QRP68-0041	QRP68-0042

Steering Wheel Disconnects

Precision machined from billet aluminum, steering wheel disconnects are offered in hex hub 360°, fine-spline hub 360°, and hex hub button styles.

Part No.	Description
QRP68-010	Hex Hub Button Style Disconnect
QRP68-012	Hex Hub 360° Disconnect
QRP68-015	Fine Spline Hub 360° Disconnect

Weld-On Hub Steel Adapters

QRP68-0109	Fits Hex Hub Button Style (QRP68-010)
QRP68-0129	Fits Hex Hub 360° Style (QRP68-012)
QRP68-0159	Fits Fine Spline Hub 360° Style (QRP68-015)



QRP68-010



QRP68-0129



Molded Steering Wheel Pad

Black vinyl-covered foam pad attaches to most three-spoke racing steering wheels and offers added protection to the driver in the event of a crash. Pad is 5-3/4" dia. x 2" thick and attaches directly with three hook/loop straps.



Helmet Hook **NEW!** QRP66-936

Lightweight, gray anodized aluminum hook clamps directly to 1-1/2" dia. roll cage tubing, securing helmet in between racing events.



Mini Brake Bias Gauge Panels

Mini 2-3/4" x 4-1/2" brake bias gauge panels have 1-1/2" diameter gauges with bleeders to evacuate air pockets and establish a reference point for pressure ratios. Offered with checkered flag or black panel.



QRP61-105

Part No.	Description
QRP61-101	Vertical-Mount Brake Bias Gauge Panel, Checkered Flag
QRP61-103	Horizontal-Mount Brake Bias Gauge Panel, Checkered Flag
QRP61-105	Vertical-Mount Brake Bias Gauge Panel, Black
QRP61-190	Replacement Brake Pressure Gauge, 0-1,500 PSI

Acrylic Clipboards **NEW!**

Durable acrylic clipboards are emblazoned with the QuickCar Racing Products logo.

Part No.	Description
QRP51-044	Yellow Acrylic Clipboard
QRP51-046	White Acrylic Clipboard



Mini Fuel Pressure Gauges

Ideally mounted to fuel pressure regulators or fuel logs, mini 1-1/2" dia. gauges are liquid-filled to ease readability.

Part No.	Description
QRP611-9015	0-15 PSI
QRP611-90100	0-100 PSI



Pro 1" Pit Socket **NEW!** QRP64-077

Heavy-duty, 1/2" drive pit socket is 3-1/4" long. Black oxide finished for corrosion resistance.



Saturday Night Pit Socket

Economically-priced, yet durable 1/2" drive x 3-1/4" long socket literally "spits" lug nuts out for quicker tire changes. Corrosion-resistant, black oxide-finished socket fits 1" lug nuts.



Digital Tread Depth Gauge

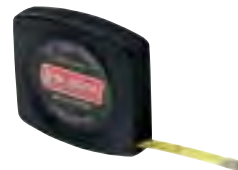
Determine tread depth quickly and effectively. Precision gauge includes a digital display in decimals or fractions, while the billet aluminum, non-rocking base helps ensure accurate measurements.



Hawk Tire Tape

10-ft. tape features a unique hawk tip to securely grab any surface and not pull loose.

Part No.	Description
QRP56-110	Tire Tape
QRP56-111	Tire Tape, Carded



Deluxe Tire Durometer

Checks hardness of tire to determine condition. Includes carrying pouch.





Caster Camber Gauge

Precision-calibrated caster camber gauge is made from fully CNC-machined billet aluminum. Assembled on a 360° level bench, gauge measures up to 8° of camber and up to 12° of caster.



Part No.	Description
QRP56-830	Caster Camber Gauge with Magnetic Adapter
QRP56-831	Caster Camber Gauge with No Adapter
QRP56-833	Caster Camber Gauge with Wide 5 Adapter NEW!
QRP56-835	Caster Camber Gauge with GM Adapter NEW!
QRP56-836	Caster Camber Gauge with Small Ford Adapter NEW!

Accessory/Replacement Gauge Adapters

Part No.	Description
QRP56-837	Magnetic Adapter NEW!
QRP56-838	GM Adapter, 3/4"-20
QRP56-839	Ford Adapter, 13/16"-20
QRP56-842	Toyota/Legend Adapter, M19 x 1.5 NEW!
QRP56-843	Small Ford Adapter, 3/4"-16
QRP56-844	Wide 5 Adapter, 1.813"-16

Aluminum Valve Core Tool

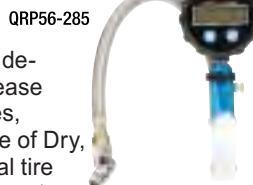
QRP56-100

Pocket-sized tool allows quick removal or replacement of valve cores. Tool is manufactured from durable billet aluminum and red anodized for corrosion resistance.



Tire Inflators

Check tire pressures while inflating or deflating tires. Tire inflators include air release buttons, stainless steel braided air hoses, chrome-plated angle chucks, and choice of Dry, Glo, or Liquid-Filled gauge heads. Digital tire inflators are also available, which incorporate easy-to-read backlit screens and auto shut-off for extended battery life.



Description	Dry Heads Part No.	Glo Heads Part No.	Liquid-Filled Part No.	Digital Part No.
0-20 PSI	QRP56-220	QRP56-222	QRP56-221	—
0-40 PSI	QRP56-240	QRP56-242	QRP56-241	—
0-60 PSI	QRP56-260	QRP56-262	QRP56-261	QRP56-285
0-100 PSI	—	—	—	QRP56-270

Tire Pressure Gauges

Rugged 2-1/2" dia. tire pressure gauges with pressure relief valves use the entire gauge range for more accurate readings. Features include shock-resistant boots, 14" hoses, and a strain relief on each end. Recommended: Dirt 20 PSI, Asphalt 40 PSI, Road Racing 60 PSI.



Description	0-20 PSI Part No.	0-40 PSI Part No.	0-60 PSI Part No.
Dry Gauges	QRP56-020	QRP56-040	QRP56-060
Liquid-Filled Gauges	QRP56-021	QRP56-041	QRP56-061
Glow-In-The-Dark Gauges	QRP56-022	QRP56-042	QRP56-062

Replacement Components

Part No.	Description
QRP56-001	Tire Pressure Gauge Hose, 14" Long with Relief Button

Angle-Style Air Chuck **QRP56-9001**

Angle-style, 90° air chuck fits into hard-to-reach areas, easing tire pressure adjustments. Air chuck has 1/4" NPT threads.



Ball-Style Air Chuck **QRP56-9002**

Compact 90° ball chuck fits into the tightest, hard-to-reach areas, easing tire pressure adjustments. Air chuck has 1/4" NPT threads.



NACA Duct Hose

Wire-reinforced, 3" diameter duct hose will not collapse and is used to deliver continuous air flow to high-temperature areas.



Part No.	Description
QRP60-020	Neoprene Hose for Standard Temperatures, 10' Long
QRP60-030	Silicone Hose for Extreme Temperatures, 11' Long

NACA Ducts

Designed specifically for ducting air into the car, providing air flow to cool the driver, brakes, rear end cooler, etc. Ducts may be mounted to virtually any flat surface and accept a 3" dia. hose.

Part No.	Description
QRP60-000	Single Clear Duct
QRP60-003	Single Black Duct
QRP60-010	Dual Clear Duct



Bumper Duct **QRP60-009**

Dual-inlet bumper duct directs air flow to brakes, preventing overheating and prolonging brake life. Durable and easy to install.



Smart Tool Digital Level **NEW! QRP56-163**

Digital display unit allows ensuring that chassis tubing is level and plumb when building roll cages or checking driveshaft angles. May also be used to check trailing arms or suspension tubes when used with QuickCar's Angle Level Tray. "Hold" button freezes and unfreezes readings, which may be displayed in degrees, percentages, or in/ft. at the push of a button. Listen and level emits an audible "beep" at level and plumb. Powered by a standard 9-volt battery.



Fan Mounting Kit **NEW!**

QRP60-032

Kit includes (4) black nylon ties with necessary pads, washers, and retaining nuts to secure an electric fan or auxiliary oil cooler to radiator.



Ride Height Gauge **QRP56-108**

Place the ride height gauge under the frame and press the button; etched inch measurement stem will pop out, giving ride height between the frame and ground. Pocket-sized tool measures from 3-1/2"-6".



Quick Change Gear Box **NEW!**

QRP64-230

Plastic box stores and protects matched gear sets.



Carburetor Storage Box **NEW!**

QRP64-140

Durable, polypropylene plastic storage box protects expensive Holley 2- or 4-barrel carburetors, utilizing a locking lid to keep out dirt and contaminants.



Carburetor Tool Tray **NEW!**

QRP64-150

Plastic tray covers the air horn of most popular 4bbl. carburetors to protect while serving as a tray for tools and parts during under hood service.





Q-Series Carburetors

Circle track carburetors provide exceptional performance throughout the entire RPM range. All-new carburetors have die-cast, high-flow main bodies, billet metering blocks and throttle bodies, die-cast aluminum float bowls, and adjustable secondary pump cam brackets. Available for gasoline, alcohol, or E85.



Description	Gasoline Part No.	Alcohol Part No.	E85 Part No.
500 CFM 2bbl.	QFTQ-500-CT	—	QFTQ-500-E85CT
650 CFM 4bbl.	QFTQ-650-CT	QFTQ-650-CTA	—
750 CFM 4bbl., Mech. Secondaries	QFTQ-750-CT	QFTQ-750-CTA	QFTQ-750-E85CT

Professional Series Carburetors

Carburetors for Late Models and Modifieds have Proform high-flow main bodies, CNC-machined, billet metering blocks, die-cast aluminum Fuel Chute™ fuel bowls, and super-duty throttle bodies with ribbing and thicker cross-sectional areas. Applications for gasoline only.



Part No.	Description
QFTP-750-CT	750 CFM Carburetor
QFTP-850-CT	850 CFM Carburetor

Brawler Race Carburetors **NEW!**

Brawler Race 4bbl carburetors include many features found in much more costly units, yet are machined and assembled right in the USA. Carburetors utilize high-flow, die-cast aluminum main body with purple billet aluminum metering blocks and throttle body for exceptional durability and performance. Changeable idle and high-speed air bleeds, and four-corner idle adjustment allow precision tuning. Choose from mechanical or vacuum secondary carburetors with natural/purple, or black/purple, or black/red finish.



Description	Natural/Purple Part No.	Black/Purple Part No.	Black/Red Part No.
650 CFM Mechanical Secondary Carb	QFTBR-67199	QFTBR-67301	—
650 CFM Vacuum Secondary Carb	QFTBR-67204	—	—
750 CFM Mechanical Secondary Carb	QFTBR-67200	QFTBR-67302	QFTBR-67331
750 CFM Mechanical Secondary C/T Carb	QFTBR-67215*	—	—
750 CFM Vacuum Secondary Carb	QFTBR-67205	—	—
850 CFM Mechanical Secondary Carb	QFTBR-67201	QFTBR-67303	QFTBR-67332
950 CFM Mechanical Secondary Carb	QFTBR-67209	QFTBR-67304	—

***Specifically calibrated and set up for circle track racing.**

E85 Fuel Test Tube **QFT36-E85**

Check the percentage of ethanol content of E85 quickly and accurately. Simply add water to the designated line of the test tube, shake it up, and let it set for a few minutes. A line of separation will then show what the ethanol percentage truly is. Complete with protective sleeve and instructions.



Jet Assortment Kits

Comprehensive jet assortment kits include (4) each of the most popular carburetor jet sizes. Each kit includes 144 jets.

Part No.	Description
QFT22-72	Main Jets, #72, Pair NEW!
QFT36-436	Gas Jet Assortment, Includes Sizes 75-110
QFT36-436A	Alcohol Jet Assortment, Includes Sizes 116-208



XP-4412 2BBL Circle Track Carburetors

Designed for circle track classes requiring a 2bbl. carburetor, the XP-4412 is a class-legal custom carburetor that is truly affordable to the hobby racer. A high-flow aluminum main body centers the venturi over the throttle body, and the air horn, less choke tower, is centered over the venturi to maximize air flow and enhanced fuel distribution. Carburetors also include roller bearing seals to smooth throttle response and add longevity.



Description	Gasoline Part No.	Alcohol Part No.
500 CFM 2bbl.	QFTXP-4412	QFTXP-4412-A
600 CFM 2bbl.	QFTXP-4412-S	—

4412 Modified Metering Block

NEW! QFT34-12

Often required when track or sanctioning body rules prohibit billet or HP-style metering blocks, this block has been modified internally to increase the usable RPM range of the carburetor. Sold complete with necessary gaskets.



Performance Rebuild Kits and Gaskets

Kits include highest quality non-stick gaskets, needle and seat assemblies, accelerator pump diaphragms, gaskets and small parts to properly rebuild carburetor. Individual carburetor gaskets may also be purchased separately.



Part No.	Description
QFT3-200	Rebuild Kit, 4160 4bbl., 390-850 CFM, Vac. Secondary
QFT3-201	Rebuild Kit, 2300 2bbl.
QFT3-2000*	Rebuild Kit, 4160 4bbl., 390-600 CFM, Vac. Secondary
QFT3-202	Rebuild Kit, 4150 4bbl., Gas, Mech. Secondary
QFT3-204	Rebuild Kit, 4150 4bbl., Alcohol, Mech. Secondary
QFT8-25	Power Valve Gasket, Non-Stick, Each
QFT8-134	Fuel Bowl Gaskets, 2300/4150/4150 HP/4500/4500 HP, Pair
QFT3-304	Super Non-Stick Rebuild Kit, Alcohol 4150/4150 HP, Includes 750, 850 & 950 CFM

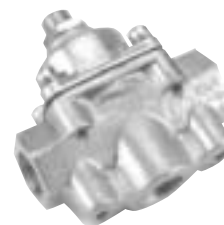
*** For 390, 450, and 600 CFM with standard metering block gaskets.**

Carburetor Replacement/Accessory Components

Part No.	Description
QFT15-3-10	Idle Adjustment Needles with Seals NEW!
QFT37-5	Carb Stud Kit, 3-1/4" Long, 4-Pack NEW!
QFT41-330-10	Accelerator Pump Cam, 30cc (Pink) NEW!

Fuel Pressure Regulator **QFT30-803**

Capable of satisfying the fuel supply needs of single four-barrel applications with up to 900 horsepower. Regulator features ball-and-stem activation and incorporates a high-quality GFLT diaphragm assembly for steady, consistent fuel flow.





SB Chevy 130+ GPH Mechanical Fuel Pump

NEW! QFT30-350-1QFT

High-output mechanical fuel pump for small block Chevy delivers 130+ GPH of fuel and is designed for continuous high-RPM operation. Constructed from lightweight aluminum with 1/2" NPT inlet and outlet ports, pump is compatible with gasoline, methanol or E85 fuels. "Clockable" design helps provide eased plumbing.

Note: Requires use of a fuel pressure regulator.



SB Chevy 110 GPH Mechanical Fuel Pump

NEW! QFT30-350

Suited to mild performance applications, small block Chevy mechanical fuel pump is affordable, yet reliable and effective. Lightweight aluminum housed unit, which includes 3/8" NPT inlet and outlet, incorporates an integrated shutoff valve that is preset at 6.5-8 PSI, eliminating the need for a pressure regulator. Pump housing may be "clocked" for eased plumbing.



SB Chevy Lightweight Steel Bellhousings

Quick Time bellhousings are light, rigid, and work-hardened to over 80,000 PSI. Bellhousings maintain their strength and accuracy, preventing horsepower loss and excessive wear. Compatible with Saginaw, Muncie, Richmond, Bert, or Brinn transmissions. Inspection cover and related hardware are included.



Part No.	Application	Clutch	Flywheel	Weight
QTMRM-6010	Traditional	10.5"	153T	18 lbs.
QTMRM-6020†	OEM Rep.	10.5"	153T	18 lbs.

† OEM replacement for applications with stock shifter fork and throwout bearing. Pivot ball included.

Lightweight Flexplates

The original spoked, SFI 29.1-certified flexplate. Manufactured from premium HSLA 60 grade steel to significantly improve engine acceleration. Zinc-plated.

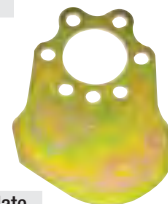
Part No.	Application	Model	Weight
QTMRM-901	SB Chevy, 1974-85, 153T	Lightweight	2.8 lbs.
QTMRM-920	SB Chevy, 1974-85, 153T	Ultralight	2.1 lbs.
QTMRM-925	SB Chevy, 1986-96, 153T	Lightweight	2.8 lbs.
QTMRM-930	SB Chevy, 1986-96, 153T	Lightweight	2.1 lbs.
QTMRM-952	SB Ford 302-351W, 157T	Lightweight	2.8 lbs. NEW!



Balance Plates

Achieve proper external engine balance in certain small block Chevys or Fords. Made from quality H-60 steel.

Part No.	Description
QTMRM-525	SB Chevy 400, pre-1986, use with 350 Flexplate for External Balanced 383 or 400 Engines
QTMRM-530	SB Chevy, 1986-96, Recommended for use with RM-925 or RM-930 or use to Replace OEM Weighted Flexplate (Crate Engines)
QTMRM-536	SB Ford 302-351W, use with Externally Balanced 50-oz. Applications



Flexplate Spacers **NEW!**

Spacers are used to achieve the desired engine-to-flexplate clearance. Five-piece set includes .030", .036", .048", .060" and .075" spacers.

Part No.	Description
QTMRM-935	GM, 1974-85
QTMRM-941	GM LS
QTMRM-943	SB Ford 302-351W



Standard Circle Track Cells

Engineered specifically for circle track racing, fuel cells are manufactured using cross-linked polyethylene bladders for maximum durability and are fitted to spot-welded and powder-coated steel containers. Cells include -8AN (8 through 16 gallon) or -10AN (22 through 32 gallon) male pickup located at the right rear corner, -8AN male rollover vent, and 2.5" lid assembly with flapper. Available red, black, or white, or in black SFI 28.3-approved cells with safety foam.

Description	Dimensions	Red Part No.	Black Part No.	White Part No.	SFI/Black Part No.
3-Gallon	12-1/2"L. x 8"W x 9"H	RCI1032C	—	—	—
8-Gallon	19"L. x 19"W x 8"H	RCI1082C	—	—	—
12-Gallon	19"L. x 19"W x 11"H	RCI1122C	—	—	—
16-Gallon Side-to-Side	26"L. x 18.5"W x 11.5"H	RCI1162C	—	RCI1162CW	—
22-Gallon Side-to-Side	18.5"L. x 26"W x 15.5"H	RCI1222C	RCI1222CD	—	—
22-Gallon Front-to-Back	26"L. x 18.5"W x 15.5"H	RCI1222G	RCI1222GD	—	RCI1222GD-L
26-Gallon Front-to-Back	26"L. x 18.5"W x 17"H	RCI1262G	RCI1262GD	—	RCI1262GD-L
32-Gallon Side-to-Side	18.5"L. x 26"W x 18"H	RCI1322C	—	—	RCI1322GD-L





Weight Transfer Wedge and Teardrop Circle Track Cells

Race-proven fuel cells use a special wedge or teardrop design to help optimize weight transfer and traction. Cells fit all circle track, dirt, or asphalt chassis, and combine powder-coated steel containers with cross-linked, high-strength polyethylene bladders. Each cell includes a safety flapper, -8AN male rollover vent, -8AN male fuel return, and -10AN male pickup designed to pickup fuel from the right rear corner. Available SFI 28.3- approved cells, offered in black only, include the addition of safety foam.



Description	Dimensions	Red Part No.	Black Part No.	White Part No.	SFI/Black Part No.
16-Gallon Wedge	24.5"L x 24.5"W x 12"H	RCI1162F	RCI1162FD	—	—
18-Gallon Wedge	24.5"L x 24.5"W x 13"H	RCI1182F	RCI1182FD	—	RCI1182FD-L
22-Gallon Wedge	24.5"L x 24.5"W x 15"H	RCI1222F	RCI1222FD	—	RCI1222FD-L
22-Gallon Teardrop	24.5"L x 24.5"W x 17"H	—	RCI1222HD	—	RCI1222HD-L
26-Gallon Wedge	24.5"L x 24.5"W x 17"H	RCI1262F	RCI1262FD	RCI1262FW	RCI1262FD-L
30-Gallon Wedge	24.5"L x 24.5"W x 18"H	RCI1302Y	RCI1302YD	—	RCI1302YD-L
32-Gallon Teardrop	24.5"L x 24.5"W x 20"H	RCI1322DW	RCI1322DWD	—	RCI1322DWD-L

GRT Racing

32-Gallon Fuel Cell RCI1322G

Designed exclusively for GRT chassis, bright red powder-coated steel container is fit with a cross-linked polyethylene bladder with -10AN pickup located at the right rear corner, -8AN male rollover valve, and lid assembly with flapper. Cell, which has a 32-gallon capacity, is 18"L x 26"W x 18"H.



Fuel Cell Replacement Components and Accessories



Part No.	Description
RCI0111	Oval Fill Plate Gasket
RCI0113	Fuel Filler Neck Gasket, 12-Bolt
RCI7020A	Rollover Valve, -8AN Bolt-In
RCI7021A	Rollover Valve, -8AN Inline
RCI7030A	Flush Mount Cap Assembly, 12-Bolt Round Fill Plate, Black
RCI7031A	Flush Mount Cap Only, 12-Bolt Round Fill Plate, Black
RCI7032A	Oval Fill Plate Assembly, -8AN Pickup
RCI7032B	Oval Fill Plate Assembly, -10AN Pickup
RCI7032C	Replacement Cap for RCI7032A or RCI7032B
RCI7036A	Fuel Filler Neck, 1-3/4" Straight
RCI7036B	Fuel Filler Neck, 1-3/4" Angled
RCI7050A	Safety Cell Foam, 3" x 6" x 16", Each

TNT Tire Treatment

RCI7000X

Delivers instant results on dirt or asphalt tires, increasing traction and reducing lap times .2-.5, while increasing tire life by 50%. Sold in one-gallon container.



Driver Restraints

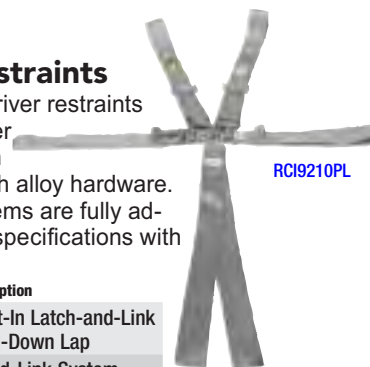
Five-point, 3" wide driver restraints are manufactured with premium extra-long webbing with required mounting hardware for roll bar, floor, bolt-in, or wrap-around mount. Sets include 72" shoulder belts and choice of latch-and-link or Cam-Lock, and meet SFI 16.1 specifications. Black only.



Part No.	Description
Wrap-Around or Bolt-In Driver Restraints	
RCI9210C	Latch-and-Link System, Blue, Pull-Down Lap
RCI9210CD	Cam-Lock System, Black, Pull-Down Lap
RCI9210D	Latch-and-Link System, Black, Pull-Down Lap
RCI9510CD	Cam-Lock System, Black, Pull-Up Lap
RCI9510D	Latch-and-Link System, Black, Pull-Up Lap
V-Type Driver Restraints	
RCI9211D	Latch and Link System, Black, Pull Down Lap
Wrap-Around Only Driver Restraints	
RCI9411D	Latch and Link System, Black, Pull Up Lap

Platinum Driver Restraints

Top-of-the-line Platinum driver restraints incorporate 3" wide polyester webbing for greater strength under load and high-strength alloy hardware. Universal 5- or 6-point systems are fully adjustable and meet SFI 16.1 specifications with a 4-year approval period.



Part No.	Description
RCI9210PL	Wrap-Around or Bolt-In Latch-and-Link System, Pull-Down Lap
RCI9211PL	V-Type Latch-and-Link System, Pull-Down Lap

Note: RCI will recertify any Platinum restraint one time free to allow an additional 2 years of certification.

Junior Driver Restraints

RCI9410D

Ideal for Quarter Midgets or Go-Karts, universal Junior driver restraints include 2" wide latch-and-link style harness with pull-up lap. Restraints meet SFI 16.1 specifications. Black only.





Molded Bump Stops

RSW series bump stops are thermo set for consistency, and are designed to provide a relatively linear curve. Not recommended to run inside a cup. Choose from a variety of durometer ratings.

Description	50 Durometer Black/Soft Part No.	60 Durometer Purple Part No.	70 Durometer Green Part No.	80 Durometer Yellow Part No.
2" O.D. x .500" H. x .500" I.D.	—	—	RESRE-BR-RSW-470	RESRE-BR-RSW-480
2" O.D. x 1.00" H. x .625" I.D.	RESRE-BR-RSW-350	RESRE-BR-RSW-360	RESRE-BR-RSW-370	RESRE-BR-RSW-380
2" O.D. x .500" H. x .625" I.D.	RESRE-BR-RSW-550	RESRE-BR-RSW-560	RESRE-BR-RSW-570	RESRE-BR-RSW-580

Description	85 Durometer Red Part No.	90 Durometer Blue Part No.	93 Durometer Orange Part No.	95 Durometer Black Part No.
2" O.D. x .500" H. x .500" I.D.	RESRE-BR-RSW-485	—	—	—
2" O.D. x 1.00" H. x .625" I.D.	RESRE-BR-RSW-385	RESRE-BR-RSW-390	RESRE-BR-RSW-393	RESRE-BR-RSW-395
2" O.D. x .500" H. x .625" I.D.	RESRE-BR-RSW-585	RESRE-BR-RSW-590	—	—



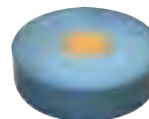
COT-Style Bump Rubbers

Description	Blue (Hard) Part No.	Red (Soft) Part No.	White (Medium) Part No.
50mm, 12mm I.D.	—	—	RESRE-BR-SJBKA-25
58mm, 2.27" H. x 1.94" W.	RESRE-BR-COT58-40	RESRE-BR-COT58-25	RESRE-BR-COT58-30
75mm, 3.00" H. x 1.94" W.	RESRE-BR-COT75-55	RESRE-BR-COT75-40	RESRE-BR-COT75-45



Bump Rubber Pucks

Description	Blue (Hard) Part No.	Red (Soft) Part No.	White (Medium) Part No.
1/2" Tall	RESRE-BR-5153-B50	RESRE-BR-5153-R50	RESRE-BR-5153-W50
3/4" Tall	RESRE-BR-5153-B75	RESRE-BR-5153-R75	RESRE-BR-5153-W75



Apollo Bump Stops



Ideal for rough race tracks and applications that experience low vertical force, Apollo bump stops deliver a very low transitional force before picking up a linear force as the bump stop mates with the concave surfaces of the divider washers. Purchase divider washers separately.

Part No.	Description
Bump Stops	
RESRE-BR-5153-150	1.85" O.D. x .625" I.D. x .500"H, 50 Durometer, Black/Soft
RESRE-BR-5153-160	1.85" O.D. x .625" I.D. x .500"H, 60 Durometer, Purple
RESRE-BR-5153-170	1.85" O.D. x .625" I.D. x .500"H, 70 Durometer, Green
RESRE-BR-5153-180	1.85" O.D. x .625" I.D. x .500"H, 80 Durometer, Yellow
RESRE-BR-5153-190	1.85" O.D. x .625" I.D. x .500"H, 90 Durometer, Blue
Divider Washers	
RESRE-BR-WSHRA-BTM	Bottom
RESRE-BR-WSHRA-MID	Middle
RESRE-BR-WSHRA-TOP	Top

Aluminum Bump Stop Packers

A must for serious short track racers, aluminum bump stop packers are used to create precision load values in today's bump stop packages. Offered for shock absorbers with 14 mm (9/16") or 16 mm (5/8") shafts in thicknesses of .032", .063", and .125". Color-coded for easy identification, packers are sold each.



RESRE-BR-PKA14-125

Part No.	Description
RESRE-BR-PKA14-032	14 mm (9/16"), .032" Thick, Green
RESRE-BR-PKA14-063	14 mm (9/16"), .063" Thick, Silver
RESRE-BR-PKA14-125	14 mm (9/16"), .125" Thick, Black
RESRE-BR-PKA16-032	16 mm (5/8"), .032" Thick, Gold
RESRE-BR-PKA16-063	16 mm (5/8"), .063" Thick, Red
RESRE-BR-PKA16-125	16 mm (5/8"), .125" Thick, Blue

Packers

Description	1/16" Thick Part No.	1/8" Thick Part No.
12.7 mm, .500"	RESRE-BR-PK500-063	RESRE-BR-PK500-125
14 mm, .551"	RESRE-BR-PK14-063	RESRE-BR-PK14-125
16 mm, .625"	RESRE-BR-PK16-063	RESRE-BR-PK16-125

Note: Packers are sold each.

Bump Rubber Cups

Available to fit Bilstein, RE, Penske, AFco, and Ohlins shock absorbers.

Part No.	Description
RESRE-BRCUP-14/1	Bilstein
RESRE-BRCUP-14/3	RE Suspension
RESRE-BRCUP-16/1	Ohlins, AFco
RESRE-BRCUP-16/3	3"
RESRE-BRCUP-625/1	Penske
RESRE-BRCUP-625/3S	Penske, 3"



RESRE-BRCUP-14/1

Bump Stop Spacers

Made from billet aluminum.

Description	1" Thick Part No.	1/2" Thick Part No.
14mm	RESRE-BR-SPCR14-1	RESRE-BR-SPCR14-500
16mm	RESRE-BR-SPCR16-1	RESRE-BR-SPCR16-500



Bump Stop System Accessories

Part No.	Description
RESRE-BR-NT73	Bump Stop Steel Nut, Penske
RESRE-BR-NTBIL	Bump Stop Steel Nut, Bilstein
RESRE-BR-WASHER-0	Bump Stop Divider Washer, Flat
RESRE-BR-WASHER-5	Bump Stop Divider Washer, 5° Taper
RESRE-BR-WASHER-10	Bump Stop Divider Washer, 10° Taper

RESRE-BR-WASHER-0



Aluminum Dual-Spring Divider

The ultimate addition to a dual-rate spring system, the dual spring divider is constructed from aluminum and includes replaceable Delrin inserts for added durability. Offered in standard style, or 1" short versions for applications where spacing is an issue.



Part No.	Description
RESRE-DS100A-208-A	Dual Spring Divider, 2.08" I.D., Penske/Bilstein Shocks
RESRE-DS100A-218-A	Dual Spring Divider, 2.18" I.D., Ohlins/AFCO/ARS/JRI Shocks
RESRE-DS100B-208-A	Dual Spring Divider, 1" Short, 2.08" I.D., Penske/Bilstein Shocks
RESRE-DS100B-218-A	Dual Spring Divider, 1" Short, 2.18" I.D., Ohlins/AFCO/ARS/JRI Shocks

Dual-Spring Lock-Out Nut

Dual-spring lock-out nuts are offered for use with most popular shock absorbers.



Part No.	Description
RESRE-DSN-B	Dual Spring Lock-Out Nut, Bilstein Shocks
RESRE-DSN-O	Dual Spring Lock-Out Nut, Ohlins Shocks
RESRE-DSN-PC	Dual Spring Lock-Out Nut, Penske Shocks

Dual-Rate Spring Body Protector Sleeve RESRE-01293-05

Sleeve features a slightly smaller I.D. compared to the original Ohlin's sleeve, allowing the dual-rate slider to move freely over it.



2.25"/2.50" Coil-Over Spring Rubbers

Part No.	Description
RESS-COSA-43	5 lb., Red
RESS-COSA-49	10 lb., White
RESS-COSA-57	15 lb., Blue
RESS-COSA-62	20 lb., Yellow
RESS-COSA-80	25 lb., Green



2.50" Tall Coil-Over Spring Rubbers

Tall spring rubbers are designed for use with coil-overs that feature wider spacing such as high-travel springs.

Part No.	Description
RESS-TCOSA-108	Blue (Hard) 25 lb.
RESS-TCOSA-96	White (Medium) 20 lb.



2.50" Spring Rubbers **NEW!**

Made from the same high-quality material as RE Suspension's bump stops, spring rubbers are engineered to fit coil-over springs. Cross-drilled holes allow tie-wrapping the rubber in place, while creating a method for removal during quick pit stops. Choose from spring rubbers with 3/4" or 1" engagement heights in four different durometers.



Part No.	Description
RESRE-SR250-0750-60	3/4" Tall, 60 Durometer (Purple)
RESRE-SR250-0750-70	3/4" Tall, 70 Durometer (Green)
RESRE-SR250-0750-80	3/4" Tall, 80 Durometer (Yellow)
RESRE-SR250-0750-90	3/4" Tall, 90 Durometer (Blue)
RESRE-SR250-1000-60	1" Tall, 60 Durometer (Purple)
RESRE-SR250-1000-70	1" Tall, 70 Durometer (Green)
RESRE-SR250-1000-80	1" Tall, 80 Durometer (Yellow)
RESRE-SR250-1000-90	1" Tall, 90 Durometer (Blue)

2.50" Barrel Spring Rubbers

Manufactured from the same high-quality material as RE Suspension's bump stops, but specially designed to fit new, 2.50" barrel springs popularly used in asphalt and dirt racing. Cross-drilled holes allow tie-wrapping the rubber in place, while creating a method for removal during quick pit stops. Choose from spring rubbers with 3/4" or 1" engagement heights in four different durometers.



Part No.	Description
RESRE-SR250B-0750-60	3/4" Tall, 60 Durometer (Purple)
RESRE-SR250B-0750-70	3/4" Tall, 70 Durometer (Green)
RESRE-SR250B-0750-80	3/4" Tall, 80 Durometer (Yellow)
RESRE-SR250B-0750-90	3/4" Tall, 90 Durometer (Blue)
RESRE-SR250B-1000-60	1" Tall, 60 Durometer (Purple)
RESRE-SR250B-1000-70	1" Tall, 70 Durometer (Green)
RESRE-SR250B-1000-80	1" Tall, 80 Durometer (Yellow)
RESRE-SR250B-1000-90	1" Tall, 90 Durometer (Blue)

5.0" Spring Rubbers **NEW!**



Now available for 5" coil springs common to asphalt and dirt racing, spring rubbers are made from the same material as RE Suspension's bump stops. Cross-drilled holes allow tie-wrapping the rubber in place, while creating a method for removal during quick pit stops. Offered in four different durometers, they are designed to engage the coil-spacing at 1-1/2".

Part No.	Description
RESRE-SR500-1500-60	60 Durometer (Purple)
RESRE-SR500-1500-70	70 Durometer (Green)
RESRE-SR500-1500-80	80 Durometer (Yellow)
RESRE-SR500-1500-90	90 Durometer (Blue)

5.0" Rear Spring Rubbers **NEW!**

Now available specifically for rear, 5" coil springs common to asphalt and dirt racing, spring rubbers are made from the same material as RE Suspension's bump stops. Choose from spring rubbers with 1-1/2" or 1-3/4" engagement heights in three different durometers.



Part No.	Description
RESS-MTSA-ML150-175	1.50" Tall, Red (Soft)
RESS-MTSA-ML150-219	1.50" Tall, White (Medium)
RESS-MTSA-ML150-263	1.50" Tall, Blue (Hard)
RESS-TSA-ML175-189	1.75" Tall, Red (Soft)
RESS-TSA-ML175-237	1.75" Tall, White (Medium)
RESS-TSA-ML175-283	1.75" Tall, Blue (Hard)



BRANDON ZACHARY

MIKE REUSCHE



SB Chevy "Pro Action" 23° Aluminum Cylinder Head **RHS12054**

Top-quality, 23° aluminum cylinder head has "as cast" ports and combustion chambers, bronze wall valve guides, and competition valve job with multi-angled intake and exhaust seats. Sold individually as bare casting, cylinder head includes 200cc intake runners and straight-type spark plugs. Accepts original equipment-style components.



Part No.	Description	Intake Runner	Comb. Chamber	Intake Valve	Exhaust Valve
Straight Plug Cylinder Head	200cc	64cc	2.020"	1.600"	1.600"

LS Aluminum Race Block **NEW!** **RHS54903U**

The LS Race Block adds the benefits of an extra-thick .750" deck surface, raised cam center-line, and priority main bearing oiling. Cylinder walls are siamese-cast with press-in cast iron cylinder liners. Patented Clean Cast technology provides a superior finish. Block includes a 9.240" deck height, 4.125" cylinder bores, and allows for up to 4.600" stroke.



Related Component

Part No.	Description
RHS549202-1	Cam Bearing for LS Race Block, Each



Race Air Cleaner Kit **RPCR8032**

High-performance 14" dia. x 3" tall race air cleaner kit includes chrome-plated steel top, flat-bottom base and high-flow paper element.



Circle Track Racing Tall Valve Covers

Offered for small block Chevy, left (driver) side tall covers have breather tubes and baffles; right side tall covers are plain. Early style covers are raw, unplated steel; late, centerbolt style are polished aluminum. Both accept clamp-on breathers. Breathers must be purchased separately.



Part No.	Description
RPCR6147	SB Chevy 1958-86 Fabricated Aluminum Valve Covers, No Holes
RPCR6150	SB Chevy 1987-97 Polished Aluminum Valve Covers, 1-1/2" O.D. Holes
RPCR7215RAW	SB Chevy 1958-86 Unplated Steel Valve Covers, 1-1/2" O.D. Holes

Polished Aluminum Valve Covers

Covers are available in tall or short versions and are baffled. Grommets (**RPCR4996**) to accept push-in crankcase breathers are available separately.



Description	Tall Part No.	Short Part No.
SB Chevy		
1958-86 Valve Covers, No Holes	RPCR6030-1	—
1958-86 Valve Covers, (1) Hole	RPCR6130-2	RPCR6131-2
1987-97 Valve Covers, No Holes	RPCR6046	RPCR6036
1987-97 Valve Covers, (1) Hole	RPCR6146-1	RPCR6136-1
SB Ford		
1962-85 Valve Covers, No Holes	RPCR6170	—
1962-85 Valve Covers, (1) Hole	RPCR6171	—

Fabricated Valve Covers **NEW!**

Custom fabricated from premium aluminum sheet, valve covers are exceptionally lightweight and offer superior sealing. Choose from clear anodized, chrome, or polished finish. Sold per pair with required hardware.



Application	Anodized	Chrome	Polished
SB Chevy, 3-3/4" Tall w/o Holes, 1/4" Billet Rail	RPCR6144	—	RPCR6144POL
SB Chevy, 3-3/4" Tall w/Hole, 1/4" Billet Rail	RPCR6145	RPCR6145C	RPCR6145POL
SB Chevy, 3-7/8" Tall w/o Holes, 1/4" Billet Rail	RPCR6147	—	—
GM LS1, 2-1/2" Tall w/Coil Mtg. Brackets	RPCR6142	—	—
SB Ford, 3-1/2" Tall w/o Holes, 1/4" Billet Rail	RPCR6344	—	—

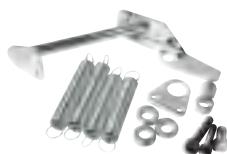
Valve Cover Gaskets **NEW!**



Description	Cork Part No.	Cork w/Steel Core Part No.	Black Rubber w/Steel Core Part No.	Blue Rubber w/Steel Core Part No.
SB Chevy, 1955-86	RPCR7483X	RPCR7483	RPCR7484	RPCR7484X
SB Chevy, 1987-Up	—	RPCR7487	RPCR7488	—
SB Ford, 1962-85	—	—	RPCR7486	—

Carb Mount Throttle Return Kit **RPCR2083**

Chrome-plated steel kit attaches directly to popular Holley 2300 2bbl. or 4150/4160 4bbl. carburetors. Includes light and heavy spring sets, and necessary hardware.



Phenolic Carburetor Spacers **NEW!**

Manufactured from a special phenolic material which insulates the carburetor from the intake manifold and prevents heat transfer, spacers provide increased fuel density and added horsepower. Designed for use with popular 4bbl. Holley-style carburetors.



Part No.	Description
RPCR9134	1" Tall Carb Spacer, Ported 4-Hole
RPCR9135	2" Tall Carb Spacer, Ported 4-Hole
RPCR9136	1" Tall Carb Spacer, Open Style
RPCR9137	2" Tall Carb Spacer, Open Style
RPCR9138	1/2" Tall Carb Spacer, Ported 4-Hole
RPCR9139	1/2" Tall Carb Spacer, Open Style



Chevy Aluminum Water Necks

Lightweight aluminum water necks feature an O-ring seal. Choose from straight, 45°, and 90° versions. Fits all Chevy V-8's.

Straight Part No.	45° Part No.	90° Part No.
RPCR6002	RPCR6003	RPCR6009



Polished Aluminum Crankshaft and Water Pump Pulleys

Small block Chevy short water pump and crankshaft pulleys are made of aluminum billet and available with single or double grooves.

Description	Single Groove Part No.	Double Groove Part No.
SB Chevy Crankshaft Pulley, S.W.P., 6.60" Dia.	RPCR9480	RPCR9481
SB Chevy Water Pump Pulley, S.W.P., 6.60" Dia.	RPCR9478	RPCR9479



SB Chevy Racing Oil Pans

Kickout-style oil pans are designed specifically for circle track racing applications featuring custom welded sumps with incorporated baffling for superior oil control. Offered with corrosion-resistant black or zinc finish. Purchase oil pump pick-up separately.



Part No.	Description
RPCR7101P	SB Chevy 1955-79 LH Dipstick, 7-Qt. Capacity, Black Finish
RPCR7101Z	SB Chevy 1955-79 LH Dipstick, 7-Qt. Capacity, Zinc Finish
RPCR7102	Oil Pump Pick-Up for RPCR7101P/RPCR7101Z

Electric Fans NEW!

Offered in curved or straight blade versions, electric fans are reliable and effective. Curved blade fans may be set-up in puller or pusher configuration by simply flipping blade and reversing wire polarity, while straight blade units only require reversing wire polarity. Sold complete with mounting kit.



Part No.	Description
Curved Blade Electric Fans	
RPCR1009	10" Electric Fan, 1150 CFM
RPCR1012	12" Electric Fan, 1450 CFM
RPCR1014	14" Electric Fan, 2525 CFM
RPCR1016	16" Electric Fan, 2500 CFM

Straight Blade Electric Fans	
RPCR1200	10" Electric Fan, 1024 CFM
RPCR1204	14" Electric Fan, 1750 CFM
RPCR1206	16" Electric Fan, 2300 CFM

Accessories/Related Components	
RPCR1018	Relay
RPCR1019	Plastic Tie Rod Mounting Kit
RPCR3101	Thermostat Kit, 200°/185° F.
RPCR3102	Relay and Thermostat Kit, 185°/170° F.
RPCR3106	Adjustable Electric Fan Controller Kit



CJ REISBIG

BRIAN BENKERT

Engine Cradles NEW!

Allows the effective storage or transport of Chevy engines. Choose from cradles with or without wheels.

Part No.	Description
RPCR1900	Chevy Engine Cradle w/o Wheels, Red
RPCR1906	Chevy Engine Cradle w/Wheels, 2-Pc., Black
RPCR1907	Chevy Engine Cradle w/o Wheels, 2-Pc., Black



Engine Lift Plate NEW! RPCR7903

Manufactured from heavy-duty steel, engine lift plate helps provide eased engine changes. Bolts directly to most carbureted intake manifolds.



Adjustable Aluminum AN Wrenches NEW!

Adjustable aluminum wrenches allow tightening or loosening AN fittings without damaging them. Blue anodized finish.

Part No.	Description
RPCR6205	8" Long AN Wrench
RPCR6206	9" Long AN Wrench



Aluminum AN Wrench Set NEW! RPCR6211

Special aluminum wrenches allow tightening or loosening AN fittings without damaging them. Six-piece, color-coded set includes -3, -4, -6, -8, -10, and -12.



Spark Plug Wire and Multi-Crimping Tool NEW! RPCR1500

Tool allows performing professional-quality crimps to electrical and spark plug wire.



JACOB REXING

JOSH JAMES ARTWORK

Elite Jacket and Pants SFI 3-2A/1 **NEW!**

Single-layer, fire-resistant cotton driving jackets and pants are sewn to offer a flexible back design for enhanced mobility and comfort, and the 360° arm design allows a full range of motion. Jackets and pants meet SFI 3-2A/1 specifications. Offered in black, blue, or red.

Size	Black	Blue	Red
Jackets			
Small	RJS200400103	RJS200400303	RJS200400403
Medium	RJS200400104	RJS200400304	RJS200400404
Large	RJS200400105	RJS200400305	RJS200400405
X-Large	RJS200400106	RJS200400306	RJS200400406
XX-Large	RJS200400107	RJS200400307	RJS200400407
XXX-Large	RJS200400108	RJS200400308	RJS200400408
XXXX-Large	RJS200400109	RJS200400309	RJS200400409
Pant			
Small	RJS200410103	RJS200410303	RJS200410403
Medium	RJS200410104	RJS200410304	RJS200410404
Large	RJS200410105	RJS200410305	RJS200410405
X-Large	RJS200410106	RJS200410306	RJS200410406
XX-Large	RJS200410107	RJS200410307	RJS200410407
XXX-Large	RJS200410108	RJS200410308	RJS200410408
XXXX-Large	RJS200410109	RJS200410309	RJS200410409



Elite Jacket and Pants SFI 3-2A/5 **NEW!**

Multi-layer, fire-resistant cotton driving jackets and pants are sewn to offer a flexible back design for enhanced mobility and comfort, and the 360° arm design allows a full range of motion. Jackets and pants meet SFI 3-2A/5 specifications. Offered in black, blue, or red.

Size	Black	Blue	Red
Jackets			
Small	RJS200430103	RJS200430303	RJS200430403
Medium	—	RJS200430304	RJS200430404
Large	RJS200430105	RJS200430305	RJS200430405
X-Large	RJS200430106	RJS200430306	RJS200430406
XX-Large	RJS200430107	RJS200430307	RJS200430407
XXX-Large	RJS200430108	RJS200430308	RJS200430408
XXXX-Large	RJS200430109	RJS200430309	RJS200430409
Pants			
Small	RJS200440103	RJS200440303	RJS200440403
Medium	RJS200440104	RJS200440304	RJS200440404
Large	RJS200440105	RJS200440305	RJS200440405
X-Large	RJS200440106	RJS200440306	RJS200440406
XX-Large	RJS200440107	RJS200440307	RJS200440407
XXX-Large	RJS200440108	RJS200440308	RJS200440408
XXXX-Large	RJS200440109	RJS200440309	RJS200440409



Balaclavas (Hoods)

Junior	Adult
RJS8001000	RJS8000800



Nomex Underwear

Fire-retardant underwear provides a vital thermal barrier for added safety. Sold in two-piece sets (top and bottom). Nomex socks and balaclavas (hoods) are also available. White only.



Jr. 6/8	Jr. 10/12	Jr. 12/14	Jr. 14/16
Underwear - Junior			
RJS800010022	RJS800010024	RJS800010025	RJS800010026
Underwear - Adult			
RJS800010002	RJS800010003	RJS800010004	RJS800010005
Socks - Adult			
—	—	—	RJS800070005
—	—	—	RJS800070006

Skeleton Gloves

Gloves incorporate identical material construction of traditional RJS driving gloves with the addition of the skeleton imprinted pattern. Offered in single-layer, which meet SFI 3.3/1, or double-layer, which meet SFI 3.3/5 specifications, gloves are offered in black/white, black/orange, black/lime green, or black/yellow.



Size	Black/White	Black/Orange	Black/Lime Green	Black/Yellow
Single Layer SFI 3.3/1				
XX-Small	RJS600090169	—	—	—
X-Small	RJS600090165	—	—	—
Small	RJS600090166	—	—	—
Medium	RJS600080133	RJS600090141	RJS600090145	RJS600090149
Large	RJS600080134	RJS600090142	RJS600090146	RJS600090150
X-Large	RJS600080135	RJS600090143	RJS600090147	RJS600090151
XX-Large	—	—	RJS600090148	—
Double Layer SFI 3.3/5				
XX-Small	RJS600090170	—	—	—
X-Small	RJS600090167	—	—	—
Small	RJS600090168	—	—	—
Medium	RJS600080137	RJS600090153	—	RJS600090161
Large	RJS600080138	RJS600090154	RJS600090158	RJS600090162
X-Large	RJS600080139	RJS600090155	RJS600090159	—
XX-Large	RJS600080140	—	—	RJS600090164

Driving Gloves

Two layers of knitted Nomex are used with top and bottom gauntlets, elasticized wrists, and calf skin palms. Single-layer gloves meet SFI 3.3A/1; double-layer gloves meet SFI 3.3A/5 specifications.



Size	Black	Blue	Red
Single Layer			
X-Small	RJS600020102	—	—
Small	RJS600020103	—	RJS600020403
Medium	RJS600020104	RJS600020304	RJS600020404
Large	RJS600020105	RJS600020305	RJS600020405
X-Large	RJS600020106	RJS600020306	RJS600020406
Double Layer			
XX-Small	RJS600010101	—	—
Medium	RJS600010104	RJS600010304	—
Large	RJS600010105	RJS600010305	RJS600010405
X-Large	RJS600010106	RJS600010306	—

Redline Shoes

Redline Shoes combine brushed leather trim outers with Nomex fleece liners for extra comfort. Available in black, blue, or red. Meets SFI 3.3A/5 specifications.

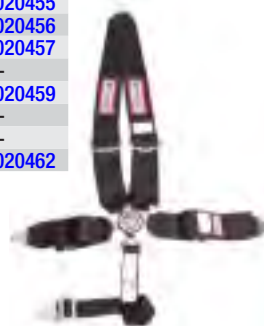
Size	Black	Blue	Red
High-Top			
9	RJS500010155	—	RJS500010455
10	RJS500010156	RJS500010356	RJS500010456
11	RJS500010157	RJS500010357	RJS500010457
12	RJS500010158	RJS500010358	—
Mid-Top			
5	RJS500020151	—	RJS500020451
6	RJS500020152	—	—
7	RJS500020153	RJS500020353	RJS500020453
8	RJS500020154	RJS500020354	RJS500020454
9	RJS500020155	RJS500020355	RJS500020455
10	RJS500020156	RJS500020356	RJS500020456
11	RJS500020157	RJS500020357	RJS500020457
12	RJS500020158	RJS500020358	—
13	RJS500020159	—	RJS500020459
14	RJS500020160	RJS500020360	—
15	RJS500020161	—	—
16	RJS500020162	—	RJS500020462



5-Point Quick Release Harness Systems

Belt hook-up and release is easy with the aluminum quick-release mechanism. Belt ends are high-quality 4130 chrome moly steel and each system meets SFI 16.1 specifications. Available in roll bar mount or wrap around style shoulder belts with 2" or 3" wide submarine belt in black, blue, or red.

Description	Black	Blue	Red
Roll Bar Mount			
2" Sub Belt	RJS1029301	—	RJS1029304
3" Sub Belt	RJS1030101	RJS1030103	RJS1030104
Wrap Around			
2" Sub Belt	RJS1034101	—	RJS1034104
3" Sub Belt	RJS1034901	RJS1034903	—



5-Point Roll Bar Mount Harness Systems

Systems use the highest quality materials, including 4130 chrome moly steel hardware. Harnesses are fully adjustable, meet SFI 16.1 specifications, and are available in black, blue, or red with single 2" or 3" wide submarine belts.

Description	Black	Blue	Red
Harness with 2" Sub Belt	RJS1125401	RJS1125403	RJS1125404
Harness with 3" Sub Belt	RJS1126201	RJS1126203	RJS1126204



5-Point Individual Shoulder Mount Harness Systems

RJS 5-point 3" racing harnesses meet recent adopted SFI specifications requiring individual mount shoulder harnesses. Choose bolt-in or wrap-around mounts in black, blue, or red with 2" or 3" wide submarine belts. Bolt-in mount systems adjust the shoulder harness at the chest slider only. Wrap-around systems include hardware for wrap-around or bolt-in mount.

Description	Black	Blue	Red
Bolt-In Mount			
Harness with 2" Sub Belt	RJS1127801	RJS1127803	RJS1127804
Harness with 3" Sub Belt	RJS1128601	RJS1128603	RJS1128604
Wrap Around (Shoulder Only)			
Harness with 2" Sub Belt	RJS1130201	RJS1130203	RJS1130204
Harness with 3" Sub Belt	RJS1131001	RJS1131003	RJS1131004
Wrap-Around Harness with 2" Sub Belt	RJS1130401	RJS1130403	RJS1130404



5-Point HANS-Compatible Harness Systems

Latch-and-link style harness features special, HANS-compatible 2"/3" shoulder belts, 3" lap belts, and a single 2" submarine belt. Fully adjustable harnesses meet 16.1 specifications.

Description	Black	Blue	Red
Roll Bar Mount, 2" Sub Belt	RJS1139801	—	—
Individual 38" Shoulder, 2" Sub Belt	RJS1142201	RJS1142203	RJS1142204



3" Lap Belts

3" lap belts are an RJS exclusive. Anti-slip springs are installed and there are no slide adjustments to cause hip discomfort. Adjustable from 18" to 60" and all hardware is made from 4130 chrome moly steel. Offered in bolt-in, snap end, or wrap-around versions. Belts meet 16.1 SFI specifications.

Description	Black	Blue	Red
Bolt End Lap Belt	RJS15001901	RJS15001903	RJS15001904
Snap End Lap Belt	RJS15002001	—	—



Harness Pads

Easy to install, belts slip into pads for extra driver comfort. Available in black, blue, or red.

Black	Blue	Red
RJS11001201	RJS11001203	RJS11001204



3" Shoulder Harnesses

Use with any 3" latch-type belt. Harnesses are offered in bolt-in, roll bar-mount, and wrap-around configurations. Roll bar-mount, "V"-type harness may be mounted to a structural tube running horizontally behind and below the driver's shoulders. Individual bolt-in harnesses may be secured similarly or attached to rear floor pan. Wrap-around harness loops around roll bar tubing, running horizontally and below driver's shoulders. Belts meet 16.1 SFI specifications. Black only.

Description	Black
Roll Bar-Mount Shoulder Harness	RJS16001901
Bolt-In Shoulder Harness	RJS16003101
Wrap-Around Shoulder Harness	RJS16003901



Submarine Belts

Submarine belts may be used with any latch-type 3" belt and harness. The fully adjustable model has the same type adjuster, with anti-slip springs, used on RJS seat belts. Choose from 2" or 3" wide single or 2" wide double belts. Belts meet 16.1 SFI specifications.

Description	Black
2" Wide Single	RJS17000501
2" Wide Single, Fully Adjustable	RJS20222
2" Wide Double	RJS17000301



Harness System Mounting Accessories

Part No.	Description
RJS140001	Floor Anchor
RJS140002	Eye Bolt, 3/8" Fine Thread
RJS140003	3" Slide Bar
RJS140004	Snap Hook
RJS140005	2" Slide Bar
RJS140006	Heavy Washer
RJS140011	Floor Mount Bolt Kit, Includes (2) of Each: Bolts, Nuts, and Washers
RJS140012	Floor Mount Snap End Kit, Includes (1) of Each: Snap End, Eye Bolt, Flat Washer, and Nut

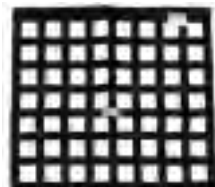
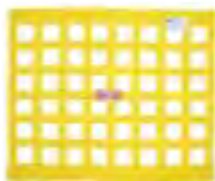




Window Nets

Nylon ribbon nets have provisions for insertion of a 7/16" steel rod top and bottom to secure them. Order mounting kit [RJS100021](#) separately.

Part No.	Color
Rectangular Nets 18" x 24"	
RJS10000401	Black
RJS10000403	Blue
RJS10000404	Red
RJS10000405	Orange
RJS10000406	Yellow
RJS10000407	Gray
Square Nets 24" x 24"	
RJS10000601	Black
RJS10000603	Blue
RJS10000604	Red



Oblong Window Nets

Ribbon-style nylon nets are oblong to cover most of the window opening and are the type used in NASCAR racing. Nets have provisions for a steel rod to secure them. Order mounting kit [RJS100022](#) separately.

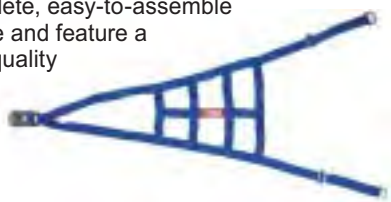
Part No.	Color
RJS10000201	Black
RJS10000203	Blue
RJS10000204	Red



Sprint Car Roll Cage Nets

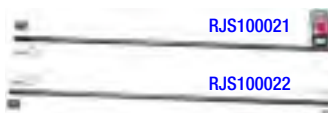
Sprint car nets are complete, easy-to-assemble with all mounting hardware and feature a quick-release front. High-quality nets are made for two-point hook-up.

Part No.	Color
RJS10001501	Black
RJS10001503	Blue
RJS10001504	Red



Window Net Installation Kits

Part No.	Description
RJS100021	Fits RJS Rectangular or Square Window Nets
RJS100022	Fits RJS Oblong Window Nets



Arm Restraints

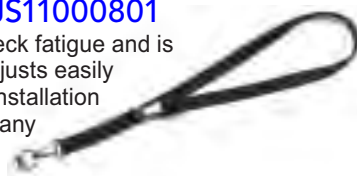
Universal restraints work with 3" lap belt or the four- and five-way quick-release units. Easy to install and comfortable to use. Made from 1" webbing with 2" arm bands and special "D" rings to prevent slippage.

Part No.	Color
RJS11000301	Black
RJS11000303	Blue
RJS11000304	Red



Helmet Restraint [RJS11000801](#)

Helmet restraint reduces neck fatigue and is easy to attach or remove. Adjusts easily and "D" ring attachment for installation is included. Compatible with any helmet. Black only.



Helmet Supports

High-density foam brace is covered with Nomex and steadies the head and helmet in bumps and jolts over rough terrain. Neck brace is secured with a Velcro closure and can be removed and replaced in seconds. Meets 3.3 SFI specifications.

Description	Black	Blue	Red
Horseshoe Style	RJS11000501	RJS11000503	RJS11000504
360° Style	RJS11000401	RJS11000403	RJS11000404



Circle Track Economy Fuel Cells

Economy fuel cells are made in the USA of rotationally-molded plastic and are available with red powder-coated steel container for extra protection. Cells are fitted with an -8AN pick-up fitting, vent/roll-over valve, and metal D-ring cap. Cells include foam that will hold up to gasoline and gasoline additives.



Part No.	Description
Fuel Cells without Container	
RJS3006501	8-Gallon Fuel Cell, 17" x 13" x 9", 3 Pcs. Foam, Metal D-Ring Cap
RJS3008301	11-Gallon Fuel Cell, 17-1/2" x 17-1/2" x 9", 4 Pcs. Foam, Metal D-Ring Cap
RJS3010101	15-Gallon Fuel Cell, 25-1/2" x 17-1/2" x 9-1/2", 6 Pcs. Foam, Metal D-Ring Cap
RJS3011901	22-Gallon Long Fuel Cell, 33" x 17-1/4" x 9-1/2", 6 Pcs. Foam, Metal D-Ring Cap
RJS3013701	22-Gallon Short Fuel Cell, 25-1/2" x 17-1/2" x 14-3/4", 9 Pcs. Foam, Metal D-Ring Cap
RJS3004701	32-Gallon Fuel Cell, 25-1/2" x 17-1/2" x 17-1/2", 12 Pcs. Foam, Metal D-Ring Cap
Fuel Cells with Steel Container	
RJS3007101	8-Gallon Fuel Cell, 17" x 13" x 9", 3 Pcs. Foam, Raised Plastic Cap
RJS3008901	11-Gallon Fuel Cell, 17-1/2" x 17-1/2" x 9", 4 Pcs. Foam, Raised Plastic Cap
RJS3010701	15-Gallon Fuel Cell, 25-1/2" x 17-1/2" x 9-1/2", 8 Pcs. Foam, Raised Plastic Cap
RJS3012501	22-Gallon Long Fuel Cell, 33" x 17-1/4" x 9-1/2", 8 Pcs. Foam, Raised Plastic Cap
RJS3014301	22-Gallon Short Fuel Cell, 25-1/2" x 17-1/2" x 14-3/4", 8 Pcs. Foam, Raised Plastic Cap

Fuel Cell Accessories

Part No.	Description
RJS30152	Fuel Cell Foam, 4" x 8" x 8", Gasoline
RJS30154	Fuel Cell Foam, 4" x 8" x 8", Methanol
RJS30164	Metal D-Ring Vented Cap Only
RJS30168	Rubber Gasket for D-Ring Cap
RJS30181	Raised Plastic Fuel Cell Cap and Gasket, Black
RJS302117	Filler Neck Gasket



[RJS30181](#)

Pit Mat [RJS12000101](#)

The safe, effective method to maintain your car in a clean, dry environment. Large 10' x 20' black pit mat, made from heavy-grade, 18-oz. vinyl, includes grommets every 5'. Mat may be used on a variety of surfaces and cleans up easily with the wipe of a rag.



Utility Jugs

Heavy-duty, five-gallon utility jugs feature a square design for easy storage. Dual handles, large 2" diameter cap, and incorporated vent system ease pouring.

Part No.	Color
RJS20000105	Black
RJS20000106	White
RJS20000107	Red



Utility Jug Clear Filler Hose

[RJS2000049800](#)





Sportsman Series Performance 2-Way Racing Communications System [RJS600080141](#)

One of the most economical racing communication systems currently available, the Sportsman series is a two-man system that features (2) 4-watt, 16-channel professional radios. Sold complete with headset, helmet kit with microphone and earpiece, battery, belt-clip antenna, desk top charger, and required cables.

Racing Communication System Replacement Components and Accessories

Part No.	Description
RJS600080144	Pro/Elite Series Headset
RJS600080145	Sportsman Headset
RJS600080146	Sportsman Radio to Headset Cable
RJS600080147	Pro/Elite Helmet Kit, Includes Microphone and Earpiece
RJS600080148	Steering Wheel Push Button
RJS600080149	Radio Pouch
RJS600080152	Sportsman Radio
RJS600080172	Wiring Harness for IMSA Sportsman/Pro Radio NEW!



Race-Fan

Engineered exclusively for racing, the Race-Fan is exceptionally light-weight, yet durable and effective. Fan combines a billet 6061-T6 aluminum universal center hub with fiber-reinforced Zytel blades. Fans may be set-up to suit varying weather conditions with two, three, four, or six blades. In the rare event that a blade is damaged, it may be replaced rather than replacing the entire unit.



NEW VENDOR!

Description	Fan with 5/8" Hub	Fan with 3/4" Hub
15" Fan, 2-Blade	RFN64-1500-002-625	RFN64-1500-002-750
15" Fan, 3-Blade	RFN64-1500-003-625	RFN64-1500-003-750
15" Fan, 4-Blade	RFN64-1500-004-625	RFN64-1500-004-750
15" Fan, 6-Blade	RFN64-1500-006-625	RFN64-1500-006-750
17" Fan, 2-Blade	RFN64-1700-002-625	RFN64-1700-002-750
17" Fan, 3-Blade	RFN64-1700-003-625	RFN64-1700-003-750
17" Fan, 4-Blade	RFN64-1700-004-625	RFN64-1700-004-750
17" Fan, 6-Blade	RFN64-1700-006-625	RFN64-1700-006-750
19" Fan, 2-Blade	RFN64-1900-002-625	RFN64-1900-002-750
19" Fan, 3-Blade	RFN64-1900-003-625	RFN64-1900-003-750
19" Fan, 4-Blade	RFN64-1900-004-625	RFN64-1900-004-750
19" Fan, 6-Blade	RFN64-1900-006-625	RFN64-1900-006-750

Replacement Components

Part No.	Color
RFN12-0408-000	NAS Bolt, 1/4" x 1/2" Long, Each
RFN18-0250-000	Jet Nut, 1/4", Each
RFN22-0250-000	Thin Washer, 1/4", Each
RFN60-5000-625	Fan Hub, 5/8" Pilot
RFN60-5000-750	Fan Hub, 3/4" Pilot
RFN61-1000-000	Hardware Kit for (1) Fan Blade
RFN62-1500-000	15" Dia. Fan Blade, Each
RFN62-1700-000	17" Dia. Fan Blade, Each
RFN62-1900-000	19" Dia. Fan Blade, Each



Trailer Ramps

Lightweight and durable, specially designed trailer ramps allow loading low-slung race cars into trailers without the worry of damaging noses, oil pans, headers, etc. Simply place the trailer door on the notch of the ramps to decrease the angle of approach to as little as 4° and load car. Sold in pairs.



Part No.	Description
RMPRR-TR-4	46"L x 4"H x 14"W, 5.5° Incline
RMPRR-TR-5	67"L x 5"H x 14"W, 4° Incline
RMPRR-TR-6	45"L x 6"H x 14"W, 7.8° Incline
RMPRR-TR-7	74"L x 7"H x 14"W, 5.2° Incline
RMPRR-TR-7-FLP	74"L x 7" x 14"W, Flap Cutout to Accommodate Door Flap, 5.5° Incline
RMPRR-TR-8	54.75"L x 8"H x 16"W, 8.4° Incline
RMPRR-TR-9-FLP	95"L x 8"H x 14"W, Flap Cutout to Accommodate Door Flap, 5.5° Incline
RMPRR-TR-11-2	Two-Piece, 131 Lx 11"H x 14"W, 5° Incline
RMPRR-TR-8XL	74"L x 8"H x 14"W, 6.3° Incline

Trailer-Mates

RMPRR-TM-FRT

Eases tie-down of low ground clearance race cars to trailer by adding 2"-3" of additional ground clearance. Typically used to allow car door to be opened when trailer wheel well clearance is desired. Designed for use on the front end of the car, Trailer-Mates are 36" long x 3" high x 14" wide and have a 10.79° incline. Sold in pairs.



Rally Ramps [RMPRR-30](#)

Designed for smaller cars with short noses, Rally Ramps are great for quick oil changes or under body maintenance. Ramps, measure 30" long x 5" high x 10" wide, and include a built-in cradle that accommodates tires up to 8" wide and have a capacity of 6,000 lbs. Sold in pairs.



Track and Trailer Combo

RMPRR-80-10-2

Track and Trailer Combo set includes (2) two-piece ramps/stands. It can be used to work on the car in the garage, load it into the trailer, or as wheel cribs in place of jack stands. Bottom portion of the ramp may be removed for easy side access. Each 2-piece ramp is 80"L x 14"W x 10"H, and supports up to 6,000 lbs., yet weighs just 17 lbs. each.





Trailer Side Kick **RMPRR-TR-SK-1**

Dual-purpose Trailer Side Kicks serve two functions; first to sit in front of the trailer's wheel wells, helping you guide the car onto the trailer. Secondly, in the event of a flat trailer tire, it may be used as a ramp for changing a tire. Simply drive the good tire onto the ramp and the flat tire will be lifted off of the ground. Trailer Side Kick is 31"L x 12"W x 7.5"H.



Trak-Jax

Trak-Jax get low-slung cars high enough to fit a standard floor jack under the car. Sold in pairs, Trak-Jax are 30.1"L x 3" H x 12" W. Weigh just 5 lbs. each.



Part No.	Description
RMPRR-TJ	Trak-Jax
RMPRR-TJ-S	Trak-Jax, with 1.5" Stop

FlatStoppers **RMPRR-FS-10**

Engineered to prevent tires from flat spotting during long periods of storage. Once you drive the car onto FlatStoppers, the tires settle into the concave depression, which supports the tire, better dispersing weight and preventing flat spotting. FlatStoppers are 22.3"L x 3.25"H x 10"W and sold in sets of four.



Scale Ramps

Ramps rise 2-1/2" to work with virtually all racing scales. One solid piece offers strength and stability, and the small, 7.8° incline allows the vehicle to be easily rolled up or down. Ramps are offered with or without flat platform area.



Part No.	Description
RMPRR-SCALE	14"L x 2.5"H x 12"W (No Platform), Qty. 4
RMPRR-SCALE-2	30.1"L x 2.5"H x 12"W (12.5" Long Platform), Qty. 2

Hook Nose Rack Ramps

RMPRR-RACK-HN14-5 NEW!

Eliminate the need to drag heavy steel ramps to allow the front end of the car to clear a lift or platform. Hook-nose rack ramps are 48"L x 14"W x 5"H and feature a 6.4° approach, sufficient to accommodate low slung cars with up to 12" wide tires. Ramps weigh just 9 lbs. each, yet can support up to 1,500 lbs. for a total weight capacity of 6,000 lbs. Sold per pair.



Wheel Chocks

Solid rubber wheel chocks increase safety, preventing car from rolling while in trailer or in pits. Ideal for use with all Race Ramps.



Part No.	Description
RMPRR-RC-5	Racer Chock, 10"L x 5"H x 12"W, Each
RMPRR-WC-2	Wheel Chock, 6"L x 4"H x 5"W, Pair



Element **NEW!**

Element features the same programmed 1600 UHF channels or frequencies that all RaceCeivers include, allowing it to be used at tracks where the unit is mandated. Provides added safety and efficiency, allowing race officials to broadcast directly to drivers for faster line-ups, restarts and notifications of track conditions. Sold complete with USB charging cable and holster.



Part No.	Description
RCVEL16R	Element w/o Earpiece
RCVEL16R/REP	Element with Rookie Earpiece
RCVEL16R/SPK	Element with Semi-Pro Earpiece

LapCeiver A.L.T. (Audible Lap Timer)

The LapCeiver A.L.T. allows viewing lap times on a large LCD display or hear them audibly using a separate earpiece (purchased separately) utilizing two different modes of operation. In transponder mode, the unit works with the track's timing system and a transmitter, while the Infra-Red mode uses a beacon transmitter set up across the track and an IR detector is mounted to the car. Once the car passes through the beams, the timing data comes up on the display.



Part No.	Description
RCVLAP-ALT-100	LapCeiver A.L.T.
RCVLAP-ALT-101PK	LapCeiver A.L.T. with IR Beacon Transmitter
RCVALT-BKX-100	IR Beacon Transmitter Only

Legend+

Eliminate the need for separate earpieces when using a RaceCeiver and 2-way radio. RaceCeiver Legend+ includes two audio ports, inputting audio from both the track and a 2-way radio so that the driver may use just a single earpiece to listen to both audio sources. Sold complete with holster, AAA battery, 14" coiled cord, and instructions.



Part No.	Description
RCVSD1600	Legend+
RCVCC360	Replacement 14" Cord, Legend+ to 2-Way Radio

Fusion+

Compact and affordable with superior reception quality, the Fusion+ is revolutionizing oval track racing, providing safer racing for racers and officials alike. Mandated by many short tracks, unit allows officials to communicate with all of the drivers simultaneously, providing direct communication and warnings about on-track accidents or debris. The unit is preprogrammed- simply dial up the track channel. Sold complete with holster clip, AAA battery, and instructions. Unit may be purchased separately, or with earpiece.



Part No.	Description
RCVFUS16	Fusion+
RCVFUS16REP	Fusion+ with Rookie Earpiece
RCVFUS16SPK	Fusion+ Semi-Pro Driver Kit, Includes Earpiece

FanCeiver **RCVFAN16**

Designed specifically for the short track race fan, FanCeiver allows listening directly to the PA system or track officials. Hear line-ups, green flags, warnings, or cautions. Specialized one-way radio is programmed with 1600 UHF channels between 450-470 MHz with displays for both. Sold complete with earbud, holster, battery, and instructions.





RCVCARBX



RCVTXPKG01

RaceCeiver Accessories

Part No.	Description
RCVCARBX	Car Box, Mounts RaceCeiver Inside Car, Will Not Mount TruScan
RCVEP700	Semi-Pro Earpiece, Dual
RCVEP900R	Rookie Earpiece
RCVHD16C	Holster Clip
RCVHD16H	Helmet Enclosed Holster
RCVHD16R	Rubber Holster with Clip NEW!
RCVHS100	Helmet Speaker Kit, 3.5mm Velcro Backed Speakers Install into Any Helmet
RCVHS500	Premium Helmet Speaker Kit

Part No.	Description
RCVICU-100	Transponder Charging Unit NEW!
RCVLY100	Detachable Lanyard, Worn Around Neck to Secure Fusion+ or TruScan
RCVMOUNTINGPOUCH	Transponder Mounting Pouch, Allows Mounting to Chassis
RCVPAD200	Foam Pads for Professional or Semi-Pro Earpieces
RCVPADRK	Ear Bud Rubber Tips
RCVTXPKG01	Transponder Package with Mount, Pouch, and Charger
RCVOL100	Inline Volume Control, Provides Easy Access to Volume of RaceCeiver or Other Handheld Devices



Racequip Premier Helmets

PRO20 Carbon **NEW!**

While the PRO20 appears to be a real carbon fiber helmet, it is actually utilizes a hydro-dipped carbon fiber graphic overlay to remain affordable. The FRP shell is fitted with an EPS liner, comfortable and fire resistant Nomex interior, Kevlar chin strap, and 3 mm polycarbonate shield. Offered in traditional, top air, or side air configurations, helmet meets Snell SA2020 specifications.



Size	Pro 20 Carbon	Pro 20 Carbon Top Air	Pro 20 Carbon Side Air
Small	RPL92769029	RPL92669029	RPL92969029
Medium	RPL92769039	RPL92669039	RPL92969039
Large	RPL92769059	RPL92669059	RPL92969059
X-Large	RPL92769069	RPL92669069	RPL92969069
XX-Large	RPL92769079	RPL92669079	RPL92969079

VESTA20 Carbon **NEW!**

Features hand-laid Carbon Fiber construction with a special chin bar to accommodate the scalloped shield design. The VESTA20 additionally uses an EPS liner, comfortable and fire-resistant Nomex interior, Kevlar chin strap and M6 threaded inserts for HANS/HNR compatibility. Sold complete with 3 mm polycarbonate shield. Meets Snell SA2020 specifications.



Part No.	Description
RPL92169029	Small
RPL92169039	Medium
RPL92169059	Large
RPL92169069	X-Large
RPL92169079	XX-Large

Pro20 **NEW!**

The Pro20 features a lightweight FRP shell that is fitted with a Nomex liner for fire resistance and comfort. Helmet additionally includes a Kevlar chin strap and M6 threaded inserts for HANS/HNR. Sold complete with a clear 3 mm polycarbonate shield. Offered in a wide variety of colors, helmet meets Snell SA2020 specifications. Choose from traditional, top air, or side air models.



Size	Gloss Black	White	America	Steel	Hot Pink	Corsa Red	Flat Black
XX-Small	RQP276000	RQP276110	—	—	RQP276880	—	RQP276990
X-Small	RQP276001	RQP276111	RQP276121	—	RQP276881	—	RQP276991
Small	RQP276002	RQP276112	RQP276122	RQP276662	RQP276882	RQP276912	RQP276992
Medium	RQP276003	RQP276113	RQP276123	RQP276663	RQP276883	RQP276913	RQP276993
Large	RQP276005	RQP276115	RQP276125	RQP276665	RQP276885	RQP276915	RQP276995
X-Large	RQP276006	RQP276116	RQP276126	RQP276666	RQP276886	RQP276916	RQP276996
XX-Large	RQP276007	RQP276117	RQP276127	RQP276667	—	RQP276917	RQP276997
XXX-Large	RQP276008	RQP276118	—	—	—	—	RQP276998

Pro20 Top Air

Size	White	Flat Black
Small	—	RQP266992
Medium	—	RQP266993
Large	RQP276115	RQP266995
X-Large	RQP276116	RQP266996
XX-Large	RQP276117	RQP266997



OF20 **NEW!**

Constructed using a FRP shell, open-face helmet is both lightweight and affordable. The OF20 is fitted with a Nomex liner, Kevlar chin strap, and includes reinforced M6 threaded inserts to allow HANS/HNR compatibility. Offered in gloss black or white, helmet meets Snell SA2020 specifications.

Size	Gloss Black	White
Small	RQP256002	RQP256112
Medium	RQP256003	RQP256113
Large	RQP256005	RQP256115
X-Large	RQP256006	RQP256116
XX-Large	RQP256007	RQP256117



VESTA20 NEW!

A bold departure from traditional models, the Vesta20 utilizes modern production technology to offer a helmet that is lightweight and affordable. Fitted with a comfortable, fire-retardant Nomex liner, Kevlar chin strap, and 3mm clear polycarbonate shield. Offered in gloss black, white or flat black, helmet meets Snell SA2020 and FIA 8859 specifications.



Size	Gloss Black	White	Flat Black
Small	RQP286002	RQP286112	RQP286992
Medium	RQP286003	RQP286113	RQP286993
Large	RQP286005	RQP286115	RQP286995
X-Large	RQP286006	RQP286116	RQP286996
XX-Large	RQP286007	RQP286117	RQP286997

Pro Youth NEW!

Similar in design and construction to the Pro20 adult model, youth helmet combines an FRP shell with an EPS liner, Nomex interior, and Kevlar chin strap. Helmet includes M6 threaded inserts for HANS/HNR compatibility. Offered in a wide variety of colors, helmet meets Snell 2020 and SFI 24.1 specifications.



Part No.	Description
RQP2260096	Gloss Black
RQP2261196	White
RQP2261296	America
RQP2266696	Steel
RQP2268896	Hot Pink
RQP2269196	Corsa Red
RQP2269996	Flat Black

Replacement Helmet Shields



Description	Clear	Dark Smoke	Amber	Blue Iridium	Mirror
SA2005 Full-Face Ridgeline	RQP202001	RQP202004	RQP202006	—	—
SA2010/SA2015 Full-Face, Exc. Vesta15	RQP204001	RQP204004	RQP204006	RQP204007	RQP204009
Vesta15 SA2015	RQP205001	RQP205004	RQP205006	RQP205007	RQP205009

Tear-Offs

Tear-offs are clear, 2 mil thick, and sold in packs of twenty. Available for the Pro15 and Vesta15 helmets.

Part No.	Description
RQP203213	Pro15 Tear-Off
RQP203218	Vesta15 Tear-Off



Shield Hardware Kit RQP204111

Shield hardware kit includes aluminum pivot screws and washers, visor washers, and visor ratchet for Racequip SA2010 and SA2015 helmets.



Pit Crew Helmet

Open-face "shorty" design helmet is designed for use by pit crew personnel and will accommodate a radio headset. Helmet is constructed using a FRP (fiber-reinforced polymer) shell fitted with an EPS impact liner and blended Nomex fire-retardant interior. Since helmets include headset clearance cutouts, they do not meet Snell or DOT specifications.



Size	White	Flat Black
Large	—	RQP251995
X-Large	RQP251116	RQP251996

HANS/HNR 6 mm Plastic Plugs RQP204121

Includes (2) plastic plugs to seal threaded 6 mm inserts in helmet when not using a HANS/HNR device. Also includes (2) plastic face shield washers, helmet instruction sheet, and decals.



Optional Ear Cups for Vesta15 RQP205989

Sold per pair, ear cups are used to help seal out noise.



Heavy-Duty Helmet Bag RQP300003

Oversize helmet bag protects helmet and helps keep face shield free from scratches. Bag has a soft fleece interior, black nylon exterior, and webbed nylon handles for eased carrying.



Chevron-1 FRC Racing Suit NEW!

Single-layer racing suit is constructed using Pyrovatex FRC material for maximum safety and comfort. Offered in one- or two-piece (jacket and pants) versions, suit features a modern euro design with black belt, collar, epaulets, and accents. Knit stretch panels on sides and 180° floating arm gussets provide added flexibility. Suit also includes internal bag pockets, wrist cuffs, and boot cuff legs. Meets SFI 3-2A/1 specifications. Offered in black, red, or blue.



Size	Black	Red	Blue
One-Piece Suits			
Small	RQP130902	RQP130912	RQP130922
Medium	RQP130903	RQP130913	RQP130923
Medium Tall	RQP130904	RQP130914	RQP130924
Large	RQP130905	RQP130915	RQP130925
X-Large	RQP130906	RQP130916	RQP130926
XX-Large	RQP130907	RQP130917	RQP130927
XXX-Large	RQP130908	RQP130918	RQP130928
Two-Piece Suits			
Jackets			
Small	—	RQP131912	RQP131922
Medium	—	RQP131913	RQP131923
Large	—	RQP131915	RQP131925
X-Large	—	RQP131916	RQP131926
XX-Large	—	RQP131917	RQP131927
XXX-Large	—	RQP131918	RQP131928

Chevron-5 Nomex Racing Suit **NEW!**

One-piece Chevron-5 combines a durable Nomex outer layer with a soft, lightweight Nomex liner, resulting in a suit that provides superior protection yet remains cool and comfortable. Suit has a stylish euro design with black belt, collar, epaulets, and accents. The knit stretch panels on sides along with 180° floating arm gussets help increase driver comfort. Suit also includes internal bag pockets, wrist cuffs, and boot cuff legs. Meets SFI 3-2A/5 specifications. Offered in black, red, or blue.



Size	Black	Red	Blue
One-Piece Driving Suits			
Small	RQP91609029	RQP91609129	RQP91609229
Medium	RQP91609039	RQP91609139	RQP91609239
Medium/Tall	RQP91609049	RQP91609149	RQP91609249
Large	RQP91609059	RQP91609159	RQP91609259
X-Large	RQP91609069	RQP91609169	RQP91609269
XX-Large	RQP91609079	RQP91609179	RQP91609279
XXX-Large	RQP91609089	RQP91609189	RQP91609289

120 Series Multi-Layer Racing Suits

Pyrovatex outer liner and combination Nomex and FRC inner liner offer exceptional fire protection and maintain superior comfort. Suits feature black epaulets, wrist and ankle cuffs, two-piece belt, high-back collar, boot cuff pants, and contrasting arm and leg stripes. Available in one- or two-piece designs, suits meet stringent SFI 3.2A/5 specifications.



Size	Black	Red	Blue
One-Piece Driving Suits			
Small	RQP120002	—	—
Medium	RQP120003	—	—
Medium/Tall	RQP120004	—	RQP120024
Large	RQP120005	RQP120015	RQP120025
X-Large	RQP120006	RQP120016	RQP120026
XX-Large	RQP120007	—	—
XXX-Large	RQP120008	—	—

Two-Piece Driving Suits			
Jackets			
Small	RQP121002	—	—
Medium	RQP121003	RQP121013	RQP121023
Medium/Tall	RQP121004	—	—
Large	RQP121005	RQP121015	RQP121025
X-Large	RQP121006	RQP121016	RQP121026
XX-Large	RQP121007	RQP121017	RQP121027
XXX-Large	RQP121008	RQP121018	RQP121028
XXXX-Large	RQP121009	—	—
XXXXX-Large	RQP121000	—	—

Pants			
Small	RQP122002	—	—
Medium	RQP122003	—	—
Medium/Tall	RQP122004	—	—
Large	RQP122005	—	—
X-Large	RQP122006	—	—
XX-Large	RQP122007	—	—
XXX-Large	RQP122008	—	—
XXXX-Large	RQP122009	—	—
XXXXX-Large	RQP122000	—	—

110 Series Single-Layer Racing Suits

Stylish Pyrovatex FRC suits have contrasting arm and leg stripes. Suits are designed to wick moisture away from the skin. Black epaulets, black cuffs, two-piece belt, and high-back collar add a professional appearance. Offered in one- or two-piece (jacket and pants) versions, suits meet SFI 3.2A/1 specifications.



Size	Black	Red	Blue
One-Piece Driving Suits			
Small	RQP110002	RQP110012	RQP110022
Medium	RQP110003	RQP110013	RQP110023
Medium/Tall	RQP110004	—	RQP110024
Large	RQP110005	RQP110015	RQP110025
X-Large	RQP110006	RQP110016	RQP110026
XX-Large	RQP110007	RQP110017	RQP110027
XXX-Large	RQP110008	RQP110018	—

Two-Piece Driving Suits			
Jackets			
Small	RQP111002	RQP111012	RQP111022
Medium	RQP111003	RQP111013	RQP111023
Medium/Tall	RQP111004	—	—
Large	RQP111005	RQP111015	RQP111025
X-Large	RQP111006	RQP111016	RQP111026
XX-Large	RQP111007	RQP111017	RQP111027
XXX-Large	RQP111008	RQP111018	RQP111028
XXXX-Large	RQP111009	—	—
XXXXX-Large	RQP111000	—	—

Pants			
Small	RQP112002	—	—
Medium	RQP112003	—	—
Medium/Tall	RQP112004	—	—
Large	RQP112005	—	—
X-Large	RQP112006	—	—
XX-Large	RQP112007	—	—
XXX-Large	RQP112008	—	—
XXXX-Large	RQP112009	—	—
XXXXX-Large	RQP112000	—	—

Pro-1 Youth Single-Layer Suits

Ideal for the young racers of quarter midgets or go-karts, the Pro-1 one-piece suit includes single-layer Pyrovatex FRC construction to meet stringent SFI 3.2A/1 specifications. Suits feature high-back collar, wrist and ankle cuffs, internal bag pockets, and a pleated back panel for added flexibility. One-piece black suits include contrasting arm and leg stripes in black, purple, green, or pink. Two-piece suits offered in black-on-black only.



Size	Black/Black	Black/Purple	Black/Green	Black/Pink
One-Piece Suits				
XX-Small	RQP1959990	RQP1950590	RQP1950790	—
X-Small	RQP1959991	RQP1950591	RQP1950791	—
Small	RQP1959992	RQP1950592	RQP1950792	RQP1950892
Medium	RQP1959993	RQP1950593	RQP1950793	RQP1950893
Large	RQP1959995	RQP1950595	RQP1950795	RQP1950895
X-Large	RQP1959996	RQP1950596	RQP1950796	RQP1950896
XX-Large	RQP1959997	RQP1950597	RQP1950797	RQP1950897

Size	Black/Black Jacket	Black/Black Pants
Two-Piece Suits		
Small	RQP1969992	RQP1970092
Medium	RQP1969993	RQP1970093
Large	RQP1969995	RQP1970095
XX-Large	RQP1969997	RQP1970097

Youth Suit Sizing Chart

	XX-Small	X-Small	Small	Medium	Large	X-Large	XX-Large
Height	45"	45"-47"	48"-55"	50"-57"	55"-60"	57"-62"	60"-66"
Weight	48 lbs.	45-55 lbs.	55-70 lbs.	60-75 lbs.	70-85 lbs.	75-99 lbs.	85-110 lbs.
Size	5	6/7	8/10	10/12	12/14	14/16	16/18

Suit Sizing Chart

	Small	Medium	Medium Tall	Large	X Large	2X Large	3X Large
Height	5'6" - 5'8"	5'8" - 5'10"	5'10" - 6"	5'10" - 6"	6' - 6'2"	6'2" - 6'4"	6'4" - 6'6"
Weight	125 - 140	140 - 165	150 - 175	165 - 195	200 - 225	225 - 250	250 +
Waist	30 - 32"	34 - 36"	34 - 36"	36 - 38"	40 - 42"	44 - 46"	48 - 52"
Chest	34 - 36"	38 - 40"	38 - 40"	42 - 44"	46 - 48"	50 - 52"	54 - 56"
Inseam	28"	29"	30"	31"	32"	33"	33"
Shoulders	17"	18"	18"	19"	20"	21"	23"
Sleeve	31 - 32"	33 - 34"	33 - 34"	34 - 35"	36"	37"	38"
Neck	14"	14.5"	14.5"	15.16"	16"	17 - 18"	18"

Waist: At natural waist at navel (not hips where your jeans ride)

Chest: Circumference at the widest part

Inseam: Crotch seam to ankle bone

Shoulder to Shoulder: Shirt shoulder seam to shirt shoulder seam

Sleeve: Back base of neck to wrist, elbow bent

355 Gloves

355 Gloves

Double-layer Nomex knit gloves deliver comfort and safety. Gloves feature a high-grip black suede leather-reinforced palm. The hook-and-loop adjuster strap ensures a proper fit. Meets SFI 3.3/5 specifications.

Size	Black	Red	Blue
Youth Small	RQP3550092	—	—
Youth Medium	RQP3550093	—	—
Youth Large	RQP3550095	—	—
X-Small	RQP3550001	—	—
Small	RQP3550002	RQP355012	RQP355022
Medium	RQP3550003	RQP355013	RQP355023
Large	RQP3550005	RQP355015	RQP355025
X-Large	RQP3550006	RQP355016	RQP355026
XX-Large	RQP3550007	—	—
XXX-Large	RQP3550008	—	—

356 Gloves

Double-layer, SFI 3.3/5-approved gloves have an outseam-design and high-grip suede leather palms to provide improved comfort and steering wheel feel. Extra-long, cuffed gauntlet delivers added protection in the event of fire. Choose from red/black or gray/black.

Size	Red/Black Part No.	Gray/Black Part No.
Small	RQP356102	RQP356602
Medium	RQP356103	RQP356603
Large	RQP356105	RQP356605
X-Large	RQP356106	RQP356606
XX-Large	RQP356107	RQP356607

358 Gloves

Constructed using two layers of Nomex, 358 gloves use high-grip suede leather palms for improved steering wheel grip. Mitered fingers deliver a more precise fit. Extra-long, angle-cut gauntlet offers improved protection. Gloves meet SFI 3.3/5 specifications, and are available in red/black or gray/black.

Size	Red/Black Part No.	Gray/Black Part No.
Small	RQP358102	RQP358602
Medium	RQP358103	RQP358603
Large	RQP358105	RQP358605
X-Large	RQP358106	RQP358606
XX-Large	RQP358107	RQP358607

359 Gloves

Double-layer, outseam-design 359 gloves utilize two layers of Nomex in order to meet stringent SFI 3.3/5 specifications. Gloves include high-grip suede leather palms and angle-cut gauntlets for added comfort and protection. Offered in red/black or gray/black.

Size	Red/Black Part No.	Gray/Black Part No.
Small	RQP359102	RQP359602
Medium	RQP359103	RQP359603
Large	RQP359105	RQP359605
X-Large	RQP359106	RQP359606
XX-Large	RQP359107	RQP359607

350 Gloves

Single-layer, non-SFI certified gloves have Nomex knit backs and white leather palms.

Size	Part No.
Small	RQP350002
Medium	RQP350003
Large	RQP350005
X-Large	RQP350006

351 Gloves

Single-layer 351 gloves are soft, supple, and comfortable with Nomex knit and grey suede leather-reinforced palms. Standard-length, gauntlet-style gloves have hook-and-loop closures to ensure proper fit. Gloves meet SFI 3.3/1 specifications.

Size	Black	Red	Blue
Small	RQP351002	RQP351012	RQP351022
Medium	RQP351003	RQP351013	RQP351023
Large	RQP351005	RQP351015	RQP351025
X-Large	RQP351006	RQP351016	RQP351026

Euro Ankletop Racing Shoes

Lightweight, flexible shoes have an advanced European design with suede leather uppers and Pyrovatex flame-retardant liners. Carbon-L wear pads provide added durability and toe protection. Ankletop shoes also feature contrasting stitching, padded ankles, double-stitched seams, and reinforced lace areas. Shoes meet SFI 3.3/5 specifications.

Size	Part No.	Size	Part No.
Kids 8	RQP30400908	9	RQP30500090
Kids 10	RQP30400910	9-1/2	RQP30500095
Kids 12	RQP30400912	10	RQP30500100
1	RQP30500010	10-1/2	RQP30500105
2	RQP30500020	11	RQP30500110
3	RQP30500030	11-1/2	RQP30500115
4	RQP30500040	12	RQP30500120
5	RQP30500050	12-1/2	RQP30500125
6	RQP30500060	13	RQP30500130
6-1/2	RQP30500065	14	RQP30500140
7	RQP30500070	15	RQP30500150
7-1/2	RQP30500075	16	RQP30500160
8	RQP30500080	18	RQP30500180
8-1/2	RQP30500085	20	RQP30500200

303 Mid-Top Racing Shoes

Mid-top racing shoes offer a suede leather outer layer and a flame-retardant Pyrovatex liner with padded ankles. Durable, comfortable shoes include reinforced lace areas, double-stitched seams, and molded rubber soles. Meet SFI 3.3/5 specifications.

Size	Part No.
8	RQP30300080
9	RQP30300090
10	RQP30300100
11	RQP30300110
12	RQP30300120
13	RQP30300130

Underwear

Tops and bottoms meet SFI 3.3 specifications. Black only.

Size	Top	Bottom
X-Small	RQP421991	RQP422991
Small	RQP421992	RQP422992
Medium	RQP421993	RQP422993
Large	RQP421995	RQP422995
X-Large	RQP421996	RQP422996
XX-Large	RQP421997	RQP422997
XXX-Large	RQP421998	RQP422998
XXXX-Large	RQP421999	RQP422999
XXXXX-Large	RQP421990	RQP422990



Hoods

Meet SFI 3.3 specifications. Black only.

Description	Single Layer Part No.	Double Layer Part No.
One Size Fits All	RQP433991	RQP433992

Socks

Flame-resistant socks meet SFI 3.3 specifications. Black only.

Size	Part No.
Small, Size 6-7	RQP411992
Medium, Size 8-9	RQP411993
Large, Size 10-11	RQP411995
X-Large, Size 12-13	RQP411996
XX-Large, Size 14-15	RQP411997

Junior 360° Helmet Support RQP3370097

Perfect for the drivers of Quarter Midgets, helmet support is SFI-approved and features a full 360° design. Made from flame-retardant high-density foam and covered with woven FRC cover and Velcro enclosure. Black only.



360° Helmet Supports

Full-round 360° helmet support is made from flame-retardant high-density foam and covered with woven FRC. Support is 2" thick and includes a tapered wedge design. Meets SFI 3.3 specifications.



Size	Black	Red	Blue
Medium, 17"	RQP337007	RQP337017	RQP337027
Large, 19"	RQP337008	—	—
X-Large, 21"	RQP337009	—	—

Non-SFI 360° Helmet Supports

Non-SFI certified support is made of flame-retardant high-density foam with a woven FRC cover and Velcro closure.



Black	Blue
RQP333003	RQP333023

5-Point Ratchet Harnesses **NEW!**

Small buckle, 5-point harnesses combine individual adjustable shoulder belts with adjustable lap belts, drop-forged steel black hardware and a built-in left-side lap ratchet adjuster that allows cinching belts down tight. Choose from standard 3" wide harness, or HANS/HNR-compatible harness with 3" to 2" transition shoulder belts. Harnesses listed may be bolted-in or wrapped around. Offered in black only.



Size	Part No.
RQP813003	5-Point Latch-and-Link Harness
RQP815005	5-Point Latch-and-Link Harness, HANS/HNR-Compatible

5-Point Individual Shoulder Latch-and-Link Harness Sets

Popular 5-point harnesses include individual 3" shoulder belts, 3" pull down lap belts, and 2" submarine belt. May be mounted as bolt-in or wrap-around. Harnesses are also available with 3" to 2" shoulder belts to allow compatibility with HANS/HNR restraints. Meets SFI 16.1 specifications. Offered in a wide variety of colors



Black	Red	Blue	Yellow	Orange
RQP711001	RQP711011	RQP711021	RQP711031	RQP711041
Purple	Platinum	Green	Pink	
RQP711051	RQP711061	RQP711071	RQP711081	

6-Point Individual Shoulder Latch-and-Link Harness Sets

Harness sets are manufactured using premium 3" polyester webbing and drop-forged steel hardware. Each set includes individual shoulder belts, lap belts, and dual submarine belts. Sets are available with special 3" to 2" shoulder belts to allow compatibility with most head-and-neck restraints. Meets SFI 16.1 specifications.



Description	Black
6-Point Latch-and-Link Harness	RQP712002
6-Point Latch-and-Link Harness, HANS/HNR	RQP718008

6-Point Individual Shoulder FIA Camlock Harness Sets

Constructed from premium polyester webbing with drop-forged, black oxide-finished hardware, camlock sets listed meet stringent FIA 8853-2016 standards. Each set includes bolt-in or wrap around 3" shoulder harness, 3" lap belts, and dual 2" submarine belts.

Harnesses are also available with 3" to 2" shoulder belts to allow compatibility with HANS/HNR restraints. Sold complete with necessary snap hook ends and eye bolts.



Description	Black	Red
6-Pt. Camlock Harness, Pull-Down Lap	RQP851001	—
6-Pt. Camlock Harness, Pull-Up Lap, HANS/HNR	RQP854004	RQP854014
6-Pt. Camlock Harness, Pull-Down Lap, HANS/HNR	RQP855005	RQP855015

5-and 6-Point Individual Shoulder Camlock Harness Sets

Camlock, bolt-in, or wrap-around individual shoulder harness sets include 3" shoulder, 3" lap belts and single (5-pt.) or dual (6-pt.) 2" submarine belt(s). Meets SFI 16.1 specifications.



Description	Black	Red	Blue
5-Pt. Camlock Harness, Pull-Down Lap	—	RQP741011	RQP741021
5-Pt. Camlock Harness, Pull-Up Lap	RQP742002	—	—
5-Pt. Camlock Harness, Pull-Down Lap, HANS/HNR	RQP745005	—	—
6-Pt. Camlock Harness, Pull-Down Lap	RQP743003	—	—
6-Pt. Camlock Harness, Pull-Up Lap	RQP744004	—	—
6-Pt. Camlock Harness, Pull-Down, HANS/HNR	RQP746006	—	—
6-Pt. Camlock Harness, Pull-Up, HANS/HNR	RQP747007	—	—

6-Point Conversion Belts

Convert an existing 5-point harness to 6-point simply by replacing the submarine belt. Offered for latch-and-link or camlock harnesses. Meets SFI 16.1 specifications.

Description	Red	Blue
Latch and Link	RQP719011	—
Camlock	RQP749012	RQP749022

Arm Restraints RQP391002

Designed for open cockpit race cars, arm restraints are manufactured from premium polypropylene webbing and high-grade steel hardware. Adjustable from 7"-15". Sold in pairs. Black only.



Harness Mount Back-Up Plate RQP700070

Square 4" x 4" x 1/8" thick plate is used to reinforce harness mounting points. Includes single 7/16" hole.



Harness Pads RQP767001

Designed for added comfort when using 3" wide belts, harness pads are made from flame-retardant foam padding that includes a Pyrovatex FRC cover with hook-and-loop closure. Sold in pairs. Black only.



Ribbon Window Nets

Ribbon-style window nets are 18" x 24" in size and constructed from premium 1" polypropylene webbing. Meets SFI 27.1 specifications.

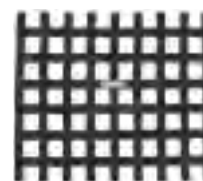
Description	Platinum	Green
18" x 24"	RQP725065	RQP725075



Non-SFI Ribbon Window Nets

Made from heavy-duty 1" polypropylene webbing and sewn with nylon thread, window nets are jig-built to ensure consistent size, shape, and fit. Standard, 18" x 24" nets will fit most window openings. Identical to Racequip's SFI-approved nets, yet without the SFI tag to eliminate expiration and the need for replacement.

Part No.	Color	Part No.	Color
RQP721005	Black	RQP721045	Orange
RQP721015	Red	RQP721055	Purple
RQP721025	Blue	RQP721065	Platinum
RQP721035	Yellow	RQP721075	Green



Mesh and Ribbon Hybrid-Style Window Net

SFI 27.1-approved, hybrid-style window nets combine 1" polypropylene ribbon webbing with nylon mesh and nylon thread, resulting in exceptional strength. Extra-long adjustable straps allow mounting to a door bar, eliminating the need for a window net mount kit. Offered in three distinct sizes. Black only.

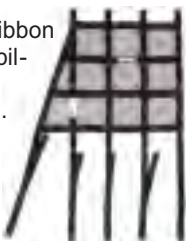
Part No.	Description
RQP822001	15" x 18" Hybrid Window Net
RQP822003	18" x 18" Hybrid Window Net
RQP822005	18" x 24" Hybrid Window Net



CHRIS MILLIGAN

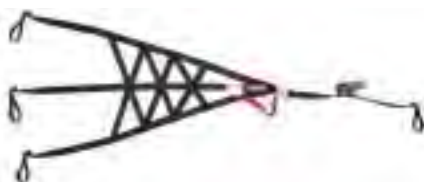
Angled Front Hybrid Window Net RQP823003

Combining heavy-duty mesh, 1" propylene ribbon webbing, and nylon thread for maximum durability, net fits 18" x 18" windows and includes an angled front edge to fill in the window opening. Extra-long adjustable bottom straps allow mounting directly to the door bars, eliminating the need for a window net mounting kit. Net is offered in black only and meets SFI 27.1 specifications.



Right-Side Roll Cage Net RQP828008

Originally designed for use on sprint or midget chassis, roll cage window net may be mounted as a right-side helmet support net. Stainless steel quick-release halyard snap eases driver exit. Net is constructed from 1" polypropylene webbing and meets SFI 38.1 specifications. Black only.



Window Net Mount Kits

Mounting kits are manufactured from high-quality steel and zinc-plated for corrosion resistance. Each kit is sold complete with necessary hardware.



Part No.	Description
RQP700107	Spring-Loaded Pin-Type Mount, 36" Round Top Bar/35" Round Bottom Bar
RQP700108	Spring-Loaded Pin-Type Mount, 19.5" Round Top Bar/35" Flat Bottom Bar

FR Race Car Shifter Boot

Shifter boot, constructed from double-layer, Banox FR3 material, provides a fire barrier between the transmission tunnel and shifter. Kit includes a pre-drilled, 7.5" x 5.5" aluminum base and boot cover. Offered in two sizes.



Part No.	Description
RQP871003	Medium 9" Shifter Boot Kit
RQP871005	Tall 12" Shifter Boot Kit



Chase Race Communication System NEW!

Chase system utilizes a radio with five programmable buttons and X-Pand technology that delivers crisp, clean and strong audio, even in noisy environments. System includes (2) Motorola CP185 portable 2-way radios, push-to-talk switch, car harness, radio mounting box, roof-mount antenna with radio adapter, 2-way headset, headset cable, race belt, radio case, helmet kit, and driver ear pieces.



Part No.	Description
RCERE185	Chase 2-Way Race Communication System
RCERE185-1	Chase Additional Crew Member Race Communication System

Piranha Race Communications System

Top-of-the-line system for crew chief and driver is for 3/4 mile and larger tracks. System is complete with (2) Motorola CP200 2-way radios, push-to-talk switch, car harness, roof mount antenna, antenna adapter, radio mounting kit, Legacy headset, radio interface cable, radio carrying case, race belt, battery charger, Legacy flex boom helmet kit, foam ear molds, and equipment case.



Part No.	Description
RCERE200	Piranha Race Communications System
RCERE201	Piranha Additional Crew Member Race Communications System

Stingray Race Communications System

Two-man system for the crew chief and driver works up to 3/4 mile. System includes (2) Motorola BPR40 2-way radios, push-to-talk switch, car harness, radio mounting kit, Legacy headset, radio interface cable, race belt, battery charger, Legacy flex boom helmet kit, foam ear molds, and equipment bag.



Part No.	Description
RCERE840	Stingray Race Communications System
RCERE841	Stingray Additional Crew Member Race Communications System

Switch

Designed for the race fan, Switch is an advanced micro-receiver that offers exceptional audio quality. Compact, 3"L x 1-3/4"W x 3/4"D unit features two programmable channels, 1600 UHF channel bank, audio in/out ports, and easy-to-read LCD screen. Unit with additional scan option allows user to select their favorite driver, radio broadcast, or race officials. Includes lanyard and (2) AAA batteries.



Part No.	Description
RCESWITCH	Switch Micro-Receiver with Scan Option
RCESWITCH-KIT	Switch Micro-Receiver with Scan Option, Includes RCE-50 Ear Buds and RCESWITCH-CLIP Belt Clip
RCESWITCH-R	Switch Micro-Receiver, Non-Scanning Option
RCESWITCH-R-KIT	Switch Micro-Receiver, Non-Scanning Option, Includes RCE-50 Ear Buds
Accessory Component	
RCESWITCH-CLIP	Belt Clip for Switch



Race Communications System Accessories and Replacement Components

Part No.	Description
RCEHBAG	Headset Bag, Black Nylon NEW!
RCE10370	Headset Strap, Replacement for Behind-the-Head Headset
RCE22658	Cloth Ear Covers, Fits over Foam or Gel-Filled Earseals
RCE48316	Ear Cushions, Gel-Filled, Pair NEW!
RCEHP-005	Over-the-Head Hearing Protector, Adult
RCEDCMC1	Mic (Microphone) Muff, Large
RCPEMNN4071	Replacement Battery for Motorola Mag1, BPR Portable Radios NEW!
RCEA-ADP-K	Antenna Adapter, for Kenwood, Reliant, or Victory Radios NEW!
RCENNTN4851-IS	Replacement Battery for CP150/CP200 NEW!
RCERBELT-PRO	RaceBELT, Nylon Belt with Buckle Secures Radio, Headset, and Accessories
RCERE1	Earmolds, Foam Race Molded with Case
RCERE2	Semi-Custom Earmolds, Shaped to Fit into Ear Canal
RCERE3736-FT	Twin-Pin Economy Headset Cable
RCERE4302	Legacy Car Harness, CP150/CP200
RCERE503	Legacy Push-to-Talk Switch, Velcro Mount
RCERE511U	Car Antenna, Roof Mount, Economy Model
RCERE703	Platinum Push-to-Talk Switch, Velcro Mount
RCERT006-2-DELUXE	Deluxe Crew Chief/Spotter Dual Radio Headset
RCERT006	Platinum Racer Headset, Most Popular Headset, Requires Radio Interface Cable
RCERT311-U	Racetrac UHF Metal Roof Mount Antenna Kit
RCERT403	Push-to-Talk Switch, 5/8" Hole Mount NEW!
RCERT603	David Clark Push-to-Talk Switch, with Steering Wheel Attachment
RCERT605-C	Racetrac 3-Conductor Compact Helmet Kit, with Flex Boom Mic
RCERT705	Standard Flex Boom Helmet Kit
RCERT711-U	Racetrac UHF Fiberglass Roof Mount Antenna Kit
RCERT3736	Motorola Twin Pin Headset Cable, CP150/CP200
RCERT3800	Inline Push-to-Talk Switch
RCERT4302	Racetrac Stock Car Style (3-Conductor) Car Harness, for Motorola Twin-Pin Radio
RCEV93-CF	Carbon Fiber Look Equipment Case, 18" x 14" x 8"
RCERT403	Push-to-Talk Switch, 5/8" Hole Mount NEW!
RCERE-12	Adapter Cable, 1/8" Mono Female to 1/8" Mono Male Right Angle
RCERE-50	Universal Ear Buds with 50" Cord and 1/8" Stereo Plug
RCERE3791-K	Headset Cable, 2-Pin Kenwood
RCERT907	Helmet Wiring Kit with HD External Mount Ear Phone Jack NEW!
RCERT4312	Car Harness, 4 Conductor, 2-Pin Motorola NEW!

RACING OPTICS

Xstack Tear-Offs

Revolutionary Xstack tear-offs are laminated together for installation as one piece for high visibility, low reflection, and elimination of fog in between layers. Xstack is now offered in three different configurations.



STRAIGHT



BANANA



NOSE NOTCH

Xstack is now offered in three different configurations.

XStack™ 10 is a stack of 10 laminated Tear-offs that are 2 mil thick each. The laminated technology creates a distortion-free optical lens. Each package contains 3 stacks of 10 Tear-offs for a total of 30 Tear-offs.

Xstack Smoke includes 3 single layers of 4-mil smoke Tear-offs. This is a single-layer smoke lens used under your stack of clear that are bought separately.

Xstack Perimeter Seal system is the latest technology from Racing Optics, which provides a tighter seal, blocking out dirt, dust, and water. Includes a stack of 10 laminated Tear-offs that are 2 mil thick each. Each package contains 3 stacks of 10 Tear-offs for a total of 30 Tear-offs. Clear only.

Application	Post Center	Shape	Xstack 10 Part No.	Xstack Smoke Part No.	Xstack Perimeter Seal Part No.
Simpson Voyager, HJC, Side Pro, Elite	11-1/2"	Straight	ROP10201C	—	—
Simpson Matrix, SX, Jr. Shark, HJC Auto	11-1/2"	Banana	ROP10203C	ROP10203S	ROP10203CP
Simpson RX, Super Bandit, Diamondback, Raider	11-1/2"	Nose Notch	ROP10204C	ROP10204S	ROP10204CP
Bell Vortex, GTX, BR.1, M.4, K.1, Sport, G-Force, Pyrotec, Racequip Pro 15	12-3/8"	Banana	ROP10205C	ROP10205S	ROP10205CP
Bell Dominator.3, GTX.3, GP.3, GT.5, HP.3, HP.5	11-1/2"	Banana	—	ROP10206S	ROP10206CP
Bell GTX.2, GP.2, Star GP, Star Infusion, K1	12-3/8"	Banana	ROP10208C	ROP10208S	ROP10208CP
Impact Air Draft, Super Sport, Stingray, Wizard, Euro Sport, Shark, Vudo, Invader, Valor, Devil RayShark, Simpson Vudo, Invader, Valor, Devil Ray	12-3/4"	Banana	ROP10209C	ROP10209S	ROP10209CP
Simpson Venator, Sparco WTX Series	13"	Banana	ROP10210C	ROP10210S	ROP10210CP
Bell Vador, Racequip Vesta 15	12-3/8"	Nose Notch	ROP10211C	—	—
Arai GP-5W, Shoei, Bell Star	11-1/2"	Straight	ROP10217C	—	ROP10217CP
Arai GP6, GP-6S, GP-6PED, SK-6	12-3/4"	No Cut Outs	ROP10218C	ROP10218S	ROP10218CP
Impact Vapor, Charger, Draft	11-7/8"	Banana	—	ROP10230S	ROP10230CP
Impact Champ, Nitro, Super Cyclone	11-1/2"	Nose Notch	—	ROP10231S	ROP10231CP
Bell RS7, HP7, KC7	12-7/8"	Banana	—	—	ROP10237CP
Stilo ST5 w/Large Tabs	12"	Banana	—	ROP10252S	ROP10252CP
Stilo ST5 w/Small Tabs	12"	Banana	—	ROP10259S	ROP10259CP

SpeedStack 3 **NEW!**

The SpeedStack 3 4 mil tear-off is commonly used in pavement applications, proven to withstand the rigors of racing and speeds in excess of 125 MPH. Each package includes four stacks of 3 tear-offs for a total of 12 tear-offs. Clear only.



Part No.	Post Description	Center	Shape
ROP3245C	Arai GP-6, GP-6S, GP-6PED	12-3/4"	Zylon Strip
ROP3459C4	Stilo ST5 w/Small Tabs, Zero	12"	Banana

Speed Tabs **ROP8202**

Round vinyl stickers prevent shredding and ease removal of tear-offs. Sold in rolls of 100.



Shield Protector

PerimeterSeal™ Shield Protector extends the life of expensive helmet shields. Adheres to helmet visor under laminated tear-offs, sealing out dirt, dust, moisture, and preventing fogging and scratches. Offered in clear, smoke, and amber.



Part No.	Description
ROP7203A4	AmberStack Shield Protector, Simpson Voyager, HJC Side Pro/Elite, (4) Stacks/28 Tear-Offs
ROP7209A4	AmberStack Shield Protector, Impact Air Draft/Super Sport/Spider/Stingray/Wizard, Simpson Euro Sport/Shark/Vuldo/Invader/Valor/Devil Ray, (4) Stacks/28 Tear-Offs

Helmet Post Kit **ROP9900**

Anodized, CNC-machined mounting posts include smooth edges to provide snag-free and tearless removal of tear-off layer.



RealShield **NEW!**

Laminated film stack attaches to any cap, visor, or hardhat and provides added personal protection from Covid-19. Manufactured from shatterproof polycarbonate, RealShield consists of multiple layers that allow for the removal of outer layers to dispose of harmful pathogens on exposed shield. Sold in packs of four or fifty.



Description	4-Pack Part No.	50-Pack Part No.
RealShield	ROPRS15001A-4	ROPRS15001A-50



LOGAN MAYNARD

JAY FREET



90 Series 6-1/4" "Assault Weapon" Clutches

Ram "Assault Weapon" button-style clutches are among the lightest and most affordable metallic clutches available. Each utilizes a billet-machined steel button flywheel and open design to eliminate heat and dirt build-up inside the unit. The patented Rametallic friction discs stand up to occasional slippage that often puts multi-disc clutches out of commission, and the absence of internal splines eliminates the possibility of floater plate hang up. Button units are for use with a flexplate. Throw-out bearing must be purchased separately.

Part No.	Description
Clutches	
RAM9351S	Chevy (Early Pre-1986) 1-1/8", 10-Spline, 3-Disc
RAM9371S	Chevy (Late 1986-Up) 1-1/8", 10-Spline, 3-Disc
Release Bearings	
RAM495	Release Bearing, GM 3-Disc Clutch
Replacement Components	
RAM9901	Floater Plate
RAM9903	Cover Plate, Gold
RAM9951-3	3-Disc Pack, 1-1/8", 10-Spline



Hydraulic Release Bearing

Redesigned bearing installs more easily and is competitively priced. Total travel is .500" and the bearing has a rounded face for use with multi-disc clutches.

Part No.	Description
RAM78100	Hydraulic Release Bearing, GM
RAM78125	Hydraulic Release Bearing, GM Stock Clutches
Replacement Components	
RAM78010	Replacement Bearing for RAM78100
RAM78017	Replacement Bearing for RAM78125
RAM78500	Replacement O-Ring Set
RAM78510	Remote Bleeder Kit





Stock Clutch Rule Systems

Ram Clutches for "stock clutch" classes are available in several configurations. The lightweight 10.5" unit uses a billet aluminum pressure ring with a thin steel heat shield to provide a durable mating surface for the clutch disc. When used with a 6-point Rametallic disc, the clutch weighs just over 15 lbs. If a full-facing disc is required, the Ram 300 Series Organic Disc will provide great holding power and adds only about 2 lbs. to the overall weight. Ram offers a lightweight, 15 lb. billet steel flywheel for Chevrolet that matches these components. If use of all-steel components is required, Ram makes a similar 10.5" diaphragm that uses a steel pressure ring. All street stock components are completely rebuildable by the Ram factory.



Part No.	Description
Pressure Plates	
RAM401	GM Standard Weight Diaphragm Plate, 18.5 lbs.
RAM401CT	GM Lightweight Diaphragm Plate, 14 lbs.
RAM801	GM Lightweight Diaphragm Plate, 13.5 lbs.
RAM851	GM Steel Lightweight Diaphragm Plate, 11.7 lbs.
Throwout Bearings	
RAM488	Early GM, Short Flat Face
Clutch Discs	
RAM251	GM 10.5" x 1-1/8"-10-Spline Solid Hub Organic Disc, 2 lbs.
RAM259	GM 10.5" x 1-1/8"-26-Spline Solid Hub Organic Disc, 2 lbs.
RAM301M	GM 10.5" x 1-1/8"-10-Spline, Organic Disc Sprung Center
RAM309M	GM 10.5" x 1-1/8"-26 Spline, Organic Disc Sprung Center
RAM1021	GM 10.5" x 1-1/8", 10-Spline, 6-Point Solid Hub Sintered Bronze Disc, 2.5 lbs.
RAM1029	GM 10.5" x 1-1/8", 26-Spline, 6-Point Solid Hub Sintered Bronze Disc, 2.5 lbs.
Flywheels	
RAM1510	Chevy Lightweight Steel Flywheel (Early Pre-1986), Internal Balance, 15.5 lbs.
RAM1510-10	Chevy Lightweight Steel Flywheel (Early Pre-1986), Internal Balance, 9.7 lbs.
RAM1510-12	Chevy Lightweight Steel Flywheel (Early Pre-1986), Internal Balance, 11.7 lbs.
RAM1512	Chevy Lightweight Steel Flywheel (Late 1986-Up), External Balance, 15.5 lbs.
RAM1512-10	Chevy Lightweight Steel Flywheel (Late 1986-Up), External Balance, 9.7 lbs.
RAM1512-12	Chevy Lightweight Steel Flywheel (Late 1986-Up), External Balance, 15.5 lbs.
RAM1514	Chevy Lightweight Steel Flywheel (Late 1986-Up), Internal Balance, 15.5 lbs.
RAM1535	Ford 4 Cyl. 2000/2300 Lightweight Steel Flywheel, 9.5 lbs. Internal Balance.
RAM2525	Ford SB Aluminum Flywheel, 157T, External Balance, 50 oz./in.
RAM2527	Ford SB Aluminum Flywheel, 157T, External Balance, 28 oz./in.

Ratech

Ring and Pinion Installation Kits

400 Series Basic Installation Kit: pinion shims, crush sleeve, pinion seal, cover gasket.

100 Series Installation Kit: pinion shims, carrier shims, crush sleeve, pinion seal, pinion nut, ring gear bolts, cover gaskets.

200 Series Bearing Kit: pinion and carrier bearings

300 Series Complete Kit: includes all components from 100 and 200 Series Kits to perform a complete ring and pinion installation.

RAT408K



Housing	400 Series Basic Installation Kit	100 Series Installation Kit	200 Series Bearing Kit	300 Series Complete Kit
GM 7.5" (Year 1981-77)	RAT408K	RAT108K	RAT208B	RAT308K
GM 7.5" (Year 1996-80)	RAT408K	RAT108K	—	RAT308TK
GM 8.5" 10-Bolt Passenger	RAT410K	RAT110K	RAT204B	—
GM 8.5 10-Bolt Pass., Adapts Late Model Auburn/Eaton Posi into Pre-'98 Housing	—	—	—	RAT366K
GM 12-Bolt Passenger	RAT415K	RAT115K	RAT205B	RAT315K
Ford 9" Open 2.891" Carrier Bearings LM 102949	RAT406K	RAT106K	RAT206B	RAT306K
Ford 9" Open 2.891" Carrier Bearings LM 501349	RAT406K	RAT106K	—	RAT306K-3
Ford 9" Open 3.062" Carrier Bearings LM 603049	RAT406K	RAT106K	RAT216B	—
Ford 9" 3.250" Carrier Bearings LM 104949	RAT406K	RAT106K	—	—

Solid Pinion Bearing Spacers

Reusable spacers replace the stock crush sleeve and eliminate pinion bearing failure. Available with or without shim kits.



Description	Pinion Bearing Spacer Only	Pinion Bearing Spacer and Shim Pack
Ford 8.8" and 9"	RAT4104*	RAT4105
Ford 9", 35-Spline	—	RAT4113
GM 10-Bolt 8.5"	—	RAT4109
GM 10-Bolt 7.5"	—	RAT4111

* Must be machined to length.

Smart Sleeve

Innovative new crush sleeve design offers eased installation and improved reliability. During installation, the Smart Sleeve requires only 130-150 ft./lbs. of torque, compared to the 300-400 ft./lbs. required for traditional crush sleeves, and the unique design offers improved cycle duty compared to solid spacers.

Part No.	Description
RAT11001	Ford 9"
RAT11002	GM 8.5"
RAT11003	GM 7.5" and 8.2"
RAT11005	GM 8.875" 12-Bolt

RAT11001

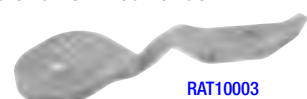


Pinion Setting Tool

Quickly install aftermarket gear sets with checking distance marked on the pinion head. Available for GM rear ends.

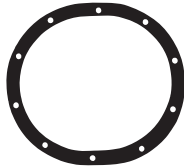
Part No.	Description
RAT10003	GM 7.5"/7.625" 10-Bolt
RAT10004	GM 8.5" 10-Bolt
RAT10005	GM 8.875" 12-Bolt

RAT10003



Ford 9" Reusable Differential Housing Gasket **RAT5107R**

Reusable gasket fits all popular Ford 9" housings.



Ford 9" Miscellaneous Bearings

Part No.	Description
RAT9015	Pinion Pilot Bearing
RAT9015-A	Pinion Pilot Bearing Retainer
RAT9103	Axle Bearing, 1.378" I.D. x 2.834" O.D., Ball-Type



Ford 9" Center Section Copper Washer Kit **NEW! RAT5138**

Replacement copper washers are required when replacing Ford 9" center section. Pack of ten.



Pinion Yoke Holder Tool **NEW! RAT18001**

Specialized tool eases pinion nut removal and will fit most popular differentials. Accepts 1/2" or 3/4" drive wrenches.



Individual Component Parts

Whether it's carrier bearings or just a pinion nut, Ratech components will complete the rear end overhaul.

Housing	Pinion Shims	Carrier Shims	Crush Sleeve	Pinion Seal	Pinion Nut	Ring Gear Bolts	Cover Gasket	Head Bearing	Tail Bearing	Carrier Bearing Set
Ford 9"										
Trac Lock 1957-84	RAT2100	—	RAT3104	RAT6110	RAT1502	RAT1305	RAT5107	See Below	See Below	See Below
Trac Lock 1985-90	RAT2100	—	RAT3104	RAT6105	RAT1502	RAT1305	RAT5102*	See Below	See Below	See Below
Open 1957-84	RAT2100	—	RAT3104	RAT6110	RAT1502	RAT1302	RAT5107	See Below	See Below	See Below
Open 1985-90	RAT2100	—	RAT3104	RAT6105	RAT1502	RAT1302	RAT5102*	See Below	See Below	See Below
2.891" Carrier Bearing LM102949-Common	—	—	—	—	—	—	—	RAT8003	RAT8003	RAT9011
2.891" Carrier Bearing LM501349-Thicker Stack	—	—	—	—	—	—	—	RAT8003	RAT8003	RAT9021
3.062" Carrier Bearing LM603049	—	—	—	—	—	—	—	RAT8003	RAT8003	RAT9012
3.250" Carrier Bearing	—	—	—	—	—	—	—	RAT8003	RAT8003	RAT9010
Daytona Pinion Support	—	—	—	—	—	—	—	RAT7007	RAT8003	—
Daytona Pinion Support W/Pro Gear	—	—	—	—	—	—	—	RAT7016	RAT8003	—
Standard Diameter (28-Spline) Pinion	—	—	—	—	—	—	—	RATHM804846	RAT2790	—
(Pinion Supports Strange/Mark Williams/Moser)	—	—	—	—	—	—	—	RATHM804810†	RAT2729†	—
Large Diameter (35-Spline) Pinion	—	—	—	—	RAT1509	—	—	RATHM804846	RAT2788	—
(Pinion Supports Strange/Mark Williams/Moser)	—	—	—	—	—	—	—	RATHM804810†	RAT2729†	—
Ford										
7.5"	RAT1100	RAT1105	RAT3104	RAT6105	RAT1502	—	—	RAT7005	RAT8003	RAT9002
8.8"	RAT1100	—	RAT3104	RAT6105	RAT1502	—	RAT5122	RAT7005	RAT8003	RAT9001
GM										
8.5" Auto 1970-98	RAT1100	RAT1105	RAT3109	RAT6108	RAT1501	RAT1303	RAT5106	RAT7005	RAT8003	RAT9002
7.5" 1977-81, 3.000" Head Bearing	RAT1104	RAT1105	RAT3107	RAT6107	RAT1501	RAT1303	RAT5110	RAT7004	RAT8001	RAT9002
7.5" 1980-98, 3.125" Head Bearing	RAT1104	RAT1105	RAT3107	RAT6107	RAT1501	RAT1303	RAT5110	RAT7009	RAT8001	RAT9002

* O-ring. † Bearing race (cup) part number only.



Race Oils

Excellent lubricating properties add 2-4% more power while providing greatly increased high-temperature protection. The film strength is among the highest of any petroleum or synthetic product. Rated as a single grade, yet low temperature properties make them exceptional as multi-grades. Oils contain very few detergents and are not recommended for street use. Sold in one-quart bottles or a case.



Description	1-Qt. Bottle	1 Case (12) 1-Qt. Bottles	1-Gallon Container	1 Case (4) 1-Gallon Containers
5W	RED10004	RED10044	—	—
10W	RED10104	RED10124	RED10105	RED10125
20W (5W20)	RED10204	RED10224	—	—
30W (20W30)	RED10304	RED10324	—	RED10325
40W (10W40)	RED10404	RED10424	—	—
50W (15W50)	RED10504	RED10534	—	—

Motor Oils

The most stable synthetic components give the highest degree of protection and cleanliness with the lowest friction. Red Line Oils provide superior wear protection and friction reduction over a wide temperature range for excellent performance in hot running engines. Sold in one-quart bottles or a case.

Description	1-Quart Bottle	1 Case (12) 1-Qt. Bottles
5W-20	RED15204	—
5W-30	RED15304	—
5W-40	RED15404	—
10W-30	RED11304	RED11324
10W-40	RED11404	RED11424
20W-50	RED12504	RED12524
10W-60	RED11704	RED11724
20W-60	RED12604	RED12624



Engine Break-In Additive

Engineered for use with conventional motor oils, specially formulated lubricant incorporates anti-wear additives including zinc and phosphorus (ZDDP) for added protection. Sold in a 16-oz. bottle or a case, additive treats up to 12 quarts of motor oil.

16-oz. Bottle	1 Case (12) 16-oz. Bottles
RED81403	RED81423





Racing, High-Temp and D4 Automatic Transmission Lubricants

Racing ATF is a synthetic fluid for automatic transmissions that require the positive shift that Type-F fluid provides. High-Temp is a synthetic ATF where Dexron II/Mercon is recommended and is specifically formulated for effective operation at 70°F and above. D4 should be used where Dexron III, Dexron II, Mercon and Mercon V fluids are recommended. Sold in one-quart bottles or a case.

Description	1-Quart Bottle	1 Case (12) 1-Qt. Bottles
High-Temp ATF	RED30204	RED30224
Racing ATF	RED30304	RED30324
D4 ATF	RED30504	RED30524



MT-90 and MTL Manual Transmission Lubricant

Use in manual transmissions and transaxles for excellent protection of gears and synchronizers and a superior coefficient of friction. MTL is a 75W-80 GL-4 gear oil that is similar in viscosity to SAE 5W30/10W30 engine oil. MT-90 is a 75W-90 GL-4 gear oil. Sold in one-quart bottles or a case.

Description	1-Quart Bottle	1 Case (12) 1-Qt. Bottles
MTL 75W-80	RED50204	RED50224
MT-90 75W-90	RED50304	RED50324



ShockProof Gear Oils

Available in heavy, lightweight, and super-light viscosities. Heavy gear oil resists throw-off and prevents tooth breakage. Ideal for high temperature and extreme pressure in differentials and manual transmissions. Lightweight gear oil is excellent in low temperatures and may also be used to obtain maximum power transfer in racing differentials. Super light oil has the viscosity of automatic transmission fluid. Ideal when maximum power output is required, such as during qualifying. Sold in one-quart bottles or a case.

Description	1-Quart Bottle	1 Case (12) 1-Qt. Bottles	5-Gallon Container
Heavy Gear Oil	RED58204	RED58224	RED58206
Lightweight Gear Oil	RED58404	RED58424	—
Super Light Gear Oil	RED58504	RED58524	—



Gear Oils

Formulated for limited slip differentials and manual transaxles. The 75W-85 is popular in light-duty differentials or where absolute maximum performance is required, such as qualifying. The 75W-90 is recommended for most racing differentials, while the 75W-140 and 80W-140 gear oils are popular in high-temperature racing applications. The 75W-140NS lacks friction modifiers to help slow synchros for easier shifting over a wide temperature range. Sold in 1-quart containers, or in cases.

Description	1-Quart Bottle	1 Case (12) 1-Qt. Bottles	1 Case (4) 1-Gallon Containers
75W-85	RED50104	RED50124	—
75W-90	RED57904	RED57924	—
75W-110	RED57804	RED57824	—
75W-140	RED57914	RED57934	—
75W-140NS	RED57104	RED57124	RED57125
80W-140	RED58104	RED58124	—



Liquid Assembly Lube

A convenient version of the same unique additives used in the paste-type assembly lube. Product prevents metal-to-metal contact and wear, while offering three times the film strength of conventional molybdenum disulfide greases. Superior rust and corrosion inhibitor allow product to be used for long term storage of components. Not for use on exhaust bolts or fasteners associated with excessively high temperatures which may require anti-seize. Sold in 12-oz. bottle or in a case.

12-oz. Bottle	1 Case (12) 12-oz. Bottles
RED80319	RED80329



Assembly Lube

Recommended by many leading engine builders, lubricant has three times greater film strength than conventional molybdenum disulfide greases. May be used on camshafts, lifters, piston skirts, main and rod bearings, etc. Sold in 4-oz. or 16-oz. tubs, or in cases.

4-oz. Tub	16-oz. Tub	1 Case (12) 4-oz. Tubs	1 Case (12) 16-oz. Tubs
RED80312	RED80313	RED80322	RED80323



WaterWetter®

A unique wetting agent for cooling systems, it reduces water temperatures as much as 30°F. WaterWetter® can be added to new or used antifreeze to improve the heat transfer of ethylene and propylene glycol systems. Sold in 12-oz. bottle or a case.

12-oz. Bottle	1 Case (12) 12-oz. Bottles
RED80204	RED80224



Supercool Performance Coolant

Supercool effectively doubles the wetting ability of water, improving heat transfer and reducing engine temperatures. Coolant additive is blended with purified, deionized water and proper WaterWetter percentage. Supercool is pre-mixed and ready to use, fully compatible with all anti-freeze and coolant.

1/2 Gallon	1 Case (4) 1/2 Gallons
RED80205	RED80225



Power Steering Fluid

Red Line's Power Steering Fluid provides improved wear protection and resists thermal breakdown. Fully synthetic fluid also resists evaporation and foaming at high temperatures. Suitable in most power steering units. Sold in one-quart bottles or a case.

1-Quart Bottle	1 Case (12) 1-Quart Bottles
RED30404	RED30424



Shock Oil

Red Line Shock Oils change very little with temperature variations and actually lower shock absorber operating temperatures. Foaming resistance is excellent and synthetic base stocks provide little seal drag. Sold in 16-oz. bottle or in a case.

16-oz. Bottle	1 Case (12) 16-oz. Bottles
RED91102	RED91103





RL-600 Brake Fluid

A DOT 4 brake fluid that is specially formulated with Borate Esters and Glycol Ethers along with moisture and corrosion inhibitors. Compatible with DOT 3, DOT 4, and DOT 5.1 fluids. Sold in 16-oz. bottles or in cases.



16-oz. Bottle	1 Case (12) 16-oz. Bottles
RED90402	RED90403

CV-2 Synthetic Grease

CV-2 Grease has a very high melting point, excellent water washout resistance, and superior anti-wear characteristics. Lubricant contains an organic moly and is great for wheel bearings, high-angle, and conventional CV-joints, chassis lubrication, and high-temperature industrial equipment. Sold in a 14-oz. cartridge, or in cases.



14-oz. Cartridge	1 Case (6) 14-oz. Cartridges
RED80402	RED80422

Alcohol Fuel Lubricant

A high-performance lubricant that provides maximum power and extends engine life by reducing piston ring and fuel pump friction. Use one to two 12-oz. bottles per 55 gallon drum. Sold in 12-oz. bottle or a case.



12-oz. Bottle	1 Case (12) 12-oz. Bottles
RED41102	RED41122

Two-Stroke Racing Oil

Dyno proven for gains of 3-5% more horsepower. Oil's high-temperature stability prevents deposits from forming in combustion chambers, exhaust ports, upper ring, and piston crown. Recommended mix ratio is 50:1, but may be used at up to 100:1 depending upon operating conditions. Sold in 16-oz. bottle, 1 gallon, or in a case.



16-oz. Bottle	1 Case (12) 16-oz. Bottles	1-Gallon Container	1 Case (12) 1 Gallon Containers
RED40603	RED40623	RED40605	RED40625

Two-Cycle Kart Oil

Lubricant offers improved bearing protection when compared to castor bean oils, while allowing operation at up to 25°F greater cylinder head temperature. May be mixed at higher fuel ratios than other kart oils. Sold in 16-oz. bottle or in a case.



16-oz. Bottle	1 Case (12) 16-oz. Bottles
RED40403	RED40423

REESE

"The Goose" Gooseneck Hitch REE58079

"The Goose" eliminates cutting the truck bed and may be used in conjunction with a Reese fifth-wheel hitch. Gooseneck-style hitch features 25,000-pound gross trailer weight and 6,250-pound pin weight capacities. Unit uses the same base rails as standard fifth wheel hitches, and may be quickly removed with four locking pins. Includes large 2-5/16" diameter heat-treated ball. Requires rails and installation kit.



Part No.	Description
REE30035*	Rails and Installation Kit, Required to Install REE58079

* Will not fit Ford F-150 4-door SuperCrew, SuperCab, or any other 5-1/2' bed.

Fifth Wheel Custom Quick Install Kit NEW!

Kit includes custom brackets that reduce the amount of drilling and installation time required to install fifth-wheel trailer hitch. Includes brackets, base rails, and hardware.



Part No.	Description
REE50064-58	1999-2007 Chevy/GMC 1500/2500; 2001-10 Chevy/GMC 3500
REE50082-58	1999-2010 Ford F250; 1999-2010 Ford F350; 2008-10 Ford F450

Class III and IV Receiver Hitches

Reese offers custom fit ("no drill") and universal Class III and IV Hitches. Each hitch includes mounting hardware. Hitch draw bar and ball must be purchased separately. Please see the receiver hitch rating guide below and call for specific applications.



Weight Class	Gross Vehicle Weight (GVW)	Tongue Weight (TW) with Weight Distributing (WD)
Receiver Hitch Rating Guide		
Class III	8,000 lbs.	800 lbs.
Class IV	12,000 lbs.	1,200 lbs.
Class V	14,000 lbs.	1,700 lbs.

High-Performance Trunnion Style Weight Distributing Hitch

Hitch includes a one-piece cast head and a raised hitch ball platform to reduce the need for raised hitch balls. Also features easy-to-use adjusting blocks, and a new square adjusting washer which allows eight adjustments for extremely accurate weight distribution. It's now possible to "fine tune" weight distribution on even the trickiest of rigs.



Part No.	Description	Max Hitch Wt.	Max GTW
REE66022†	Weight-Distributing Hitch	1,200 lbs.	12,000 lbs.

† Hitch bar sold separately.

Adjustable Hitch Bars

Designed for weight-distributing hitches, bars may be used in the raised or dropped position.

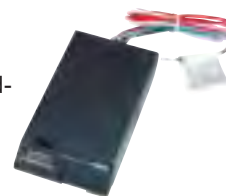
Part No.	Description	Length	Drop	Rise
REE3215	2" x 2" Hitch Bar	14"	6"	10-1/4"
REE54970	2" x 2" Hitch Bar	12"	4"-6"	8-3/4"
REE54998	2" x 2" Hitch Bar	12-1/4"	4-7/8"	6-7/8"



Brakeman Brake Control

REE83501

Unit meets all NHTSA regulations regarding tow vehicle/trailer stoplight activation. Compatible with one- or two-axle trailers, Brakeman is the perfect choice for today's towing vehicles.

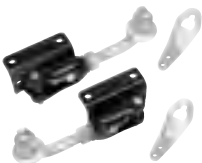


Dual-Cam High-Performance Sway Control

REE26002

Prevents trailer sway before it begins, maintaining free and easy vehicle and trailer interaction while eliminating the noise associated with friction-style units. Installs on the trailer and does not require adjustment when connecting the trailer unless hitch or tow vehicle loading are changed.

Note: Requires usage of a weight distributing hitch with integrated spring bars such as REE66022.



Accu-Power Pod Brake Controller **NEW!**

REE80500

Extremely compact and economical, Accu-Power Pod brake controller may be mounted in any direction, utilizing up-front, easy-access adjustment controls. Suitable for trailers with one or two axles, unit has a Power-on LED for positive tow vehicle-to-trailer connection.



Weight Distributing Snap-Up Bracket

REE21501

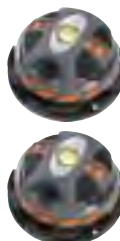
Replacement bracket fits a variety of weight-distributing hitch systems including REE66021 and REE66022.



POD Hazard Warning Device

REEPD110200

Dual-use warning lights emit 350 lumens and feature nine different modes, including a SOS safety mode to alert passing motorists up to 1/4 mile away. The durable, weather-resistant plastic housing has multiple mounting options including magnet, swivel hook, or permanent base. Requires 3 AAA alkaline batteries per POD (not included). Pack of 2.



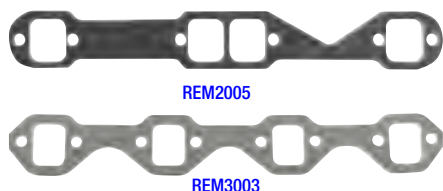
Brakeman IV Digital Brake Controller **NEW!**

REE83504

Suitable for one- to four-axle trailers, Brakeman IV combines a small, compact design with a digital output indicator, up-front push buttons for sync and output, and diagnostics for overload and open ground. Plug-and-play unit may be mounted in any direction.



Exhaust Gaskets



Flexible graphite material gaskets deliver up to 50% crush and withstand over 2,000°F, eliminating burn-out and the need to re-torque. Gaskets offer superior sealing, even on exhaust header flanges that are warped or distorted. Weld Bead gaskets are offered for use with headers that use a weld bead to seal the flange. Sold per pair.

Part No.	Description
Small Block Chevrolet (Including Gen. III LS)	
REM2004	262-400, 1-9/16" Dia. Round Port Header Applications
REM2005	262-400, 1-17/32" x 1-19/32" Square Port, Header Applications Only
REM2006	262-400, 1-3/8" x 1-1/2" Stock Port, Header/Manifold Applications
REM2007	262-400, Brodix Track 1, 1-1/2" x 1-5/8" D-Port, Header Applications Only
REM2008	4.8-6.0L Gen. III LS, LS1/LS6, 1-7/8" Round Port, Weld Bead Header
REM2011	305-350 Vortec L31, 1-3/8" x 1-1/2" Square Port, Header Applications Only
REM2014	262-400, Brodix Spread Port, 1-7/8" Dia. Round Port, Header Applications
REM2016	262-400, 1-5/16" x 1-3/8" Square Port, Weld Bead Header Applications
REM2017	262-400, Oval Port, 1-9/16" x 1-7/8", Header Applications
REM2021	262-400, Oval Port, 1-1/2" x 1-3/4", Header Applications
REM2022	262-350, LT1/LT4/ZZ4 Crate, 1-7/16" x 1-3/8" D-Shaped, Header Only
REM2031	262-400, 1-7/16" Round Port, Weld Bead Header Applications
REM2032	262-400, 1-1/4" x 1-5/8" Oval Port, Weld Bead Header Applications
REM2040	262-400, Stahl/Hooker Header Adapter Flange Gasket, 1-15/16" Port Size
REM2042	350, '92-96 LT1/LT4, D-Port, 1-7/16" x 1-7/16", Header Applications
REM2043	262-400, 18" Cyl. Head, Stahl 7-Bolt Pattern, 2" x 1-7/8", Header Applications
REM2044	262-400, 18" Cyl. Head, Square Port, 1-5/8" x 1-3/4", Header Applications
REM2048	LS 4.8/5.3/6.0/6.2L, 1-1/2" Dia., Weld Bead Header Applications
REM2049	4.8-6.0L Gen. III LS, LS1/LS6, 1-3/4" Round Port, Header Applications
REM2065	1992-Up GM 603/604 Crate Motor, Fast Burn/Raised "D" Port Heads, 1-1/2" x 1-1/2"
REM2066	LS7/LS9/L98, D-Port, 2" x 1-3/4", Header Applications
REM2081	262-400, AFR 23" Cyl. Head, 1.57" x 1.46", Header Applications
Small Block Ford	
REM3003	302-351W, 1-1/8" x 1-1/2" Square Port, Header/Manifold Applications
REM3004	289-302, Oval Port, 1-1/8" x 1-27/32", Header/Manifold Applications
REM3028	289-351W, Aftermarket Heads, 1-1/4" x 1-5/8" Square Ports, Header/Manifold
REM3029	289-351W, Square Port, 1-1/8" x 1-1/2", Header Applications
REM3035	289-351W, Dart/Canfield/Pro Topline Cyl. Heads, 1-3/8" x 1-7/16", Header Applications
Header Applications	
REM3039	289-351W, Fits Cyl. Heads w/3" Bolt Spacing, AFR/Dart, Header Applications
REM3066	289-351W, Fits Trick Flow Twisted Wedge "R" Series, 1-3/4" Dia., Header Applications

Ring and Pinion Sets

Richmond Gear is the leading manufacturer of professional-quality ring and pinion sets that deliver the winning performance racers have come to expect.

Ford 9"

- Oval Housing, 10 Holes
- 10-Bolt Carrier
- 9.00" Diameter Ring Gear
- 1.313" Diameter Pinion, 28-Spline
- '57-87 Ford Cars and Trucks

Installation Kits:

RIC83-1011-1 (2.891" Carrier Bearing)

RIC83-1013-1 (3.062" Carrier Bearing)

Ratio	Teeth	Part No.	Ratio	Teeth	Part No.
3.50	35-10	RIC49-0027-1	5.00	35-7	RIC69-0360-1
3.55	39-11	RIC69-0195-1	5.14	36-7	RIC69-0068-1
3.70	37-10	RIC69-0361-1	5.29	37-7	RIC69-0270-1
3.89	35-9	RIC69-0177-1	5.43	38-7	RIC69-0069-1
4.11	37-9	RIC69-0179-1	5.83	35-6	RIC69-0288-1
4.33	39-9	RIC69-0161-1	6.00	36-6	RIC69-0199-1
4.44	40-9	RIC69-0368-1	6.20	31-5	RIC69-0290-1
4.56	41-9	RIC69-0185-1	6.33	38-6	RIC69-0276-1
4.86	34-7	RIC69-0067-1			

GM 7.5"-7.625"

- 8-5/16" X 10-9/16", 10 Holes
- 7.5" and 7.625" Dia. Ring Gear
- 1.438" Dia. Pinion Stem
- 27-Spline Pinion
- 1977-02 GM Cars and Trucks 10-Bolt

Installation Kits:

RIC83-1016-1 1977-81

RIC83-1044-1 1982-98

Ratio	Teeth	Part No.	Ratio	Teeth	Part No.
3.08	40-13	RIC49-0001-1 [§]	3.73	41-11	RIC49-0007-1 [§]
3.23	42-13	RIC49-0044-1 ^{††}	4.10	41-10	RIC69-0322-1 ^{††}
3.42	41-12	RIC49-0045-1 ^{††}	4.10	41-10	RIC49-0009-1 [§]
3.73	41-11	RIC49-0046-1 ^{††}	4.56	41-9	RIC69-0324-1 ^{††^}

Installation Notes for GM 7.5"/7.625"

[§] 3.08 ratio and numerically lower carrier.

^{††} 3.23 ratio and numerically higher carrier.

[^] Needs special cross pin 80-0270-1.

GM 8.5"

- Oval Cover
- 11", Irregular Cover 10-5/8", 10 Holes
- 8.50" Diameter Ring Gear
- 1.626" Diameter Pinion, 30-Spline
- 1970-96 GM Cars and Trucks

Installation Kit: RIC83-1021-1

Ratio	Teeth	Part No.	Ratio	Teeth	Part No.
3.08	40-13	RIC49-0017-1	4.10	41-10	RIC69-0165-1
3.23	42-13	RIC49-0019-1	4.56	41-9	RIC69-0167-1
3.42	41-12	RIC49-0278-1	4.88	39-8	RIC69-0169-1
3.73	41-11	RIC49-0041-1	5.13	41-8	RIC69-0171-1
3.90	39-10	RIC49-0034-1	5.38	43-8	RIC69-0173-1 [†]

Installation Notes for GM 8.5": When replacing stock 2.56 and numerically lower, the carrier must be replaced with a carrier of 2.73 or higher.

[†] Needs special cross pin 80-0272-1.

EXCeL Ring and Pinion Sets

EXCeL ring and pinion sets offer the benefits-of exceptional value and OEM-like quality. Gear design, tooling, steel selection, heat treating, and quality are controlled exclusively by Richmond Gear. Ring and pinion sets are ideal for street or mild circle track applications.

Part No.	Ratio	Teeth
Ford 8.8"		
RICF88373	3.73	41-11
RICF88410	4.10	41-10
Ford 9"		
RICF9389	3.89	35-9
RICF9411	4.11	37-9
RICF9433	4.33	39-9
RICF9456	4.56	41-9
RICF9471	4.71	33-7
RICF9486	4.86	34-7
RICF9514	5.14	36-7
RICF9543	5.43	38-7
RICF9583	5.83	35-6
RICF9600	6.00	30-5
RICF9620	6.20	31-5
RICF9633	6.33	38-6
RICF9650	6.50	39-6

Part No.	Ratio	Teeth
GM 10-Bolt 7.5"/7.625"		
RICGM753730E*	3.73	41-11
RICGM754100E*	4.10	41-10
RICGM75410TK®	4.10	41-10
GM 10-Bolt 8.5"		
RICGM85373	3.73	41-11
RICGM85410	4.10	41-10
RICGM85456	4.56	41-9
GM 12-Bolt 8.875"		
RIC12BC342	3.42	41-12
RIC12BC373*	3.73	41-11
RIC12BC373T*	3.73	41-11
RIC12BC410*	4.10	41-10
RIC12BC410T*	4.10	41-10

Note: Please see previous diagrams for differential identification.

Use with 4-Series carrier.

* Use with 3-Series carrier.

@ Use with 2-Series carrier.

Differential Carrier Shim Kits **NEW!**

Aids the ring and pinion set-up process.

Part No.	Description
RIC38-0006-1	GM 7.5"/7.625"/8.5"; Ford 7.5"
RIC38-0007-1	GM 8.5"/8.875"; Ford 8.8"

Gear Marking Compound

RIC55-0001-1

Compound is applied to ring and pinion gears during initial set-up to show gear contact pattern.

Gear Oil **NEW!**

Proven to deliver maximum protection and performance under the most demanding conditions, lubricant is formulated using high-quality, thermally stable oil stocks and proprietary additives. Petroleum-based lubricants are offered in GL-4 or GL-5 formulas. Sold in one-quart bottles.

Part No.	Description
RICRICHL4	80W-90 GL-4, for Manual Transmissions/Transaxles
RICRICHL5	80W-90 GL-5, for High Performance Differentials

Ring and Pinion

Installation Video **RICVIDEO**

A must for any racer's tool box or library. DVD format video covers the step-by-step procedure for proper ring and pinion set-up.

Ring and Pinion Installation Kits

Ring and pinion Installation Kits include cover gasket, ring gear bolts and washers, crush sleeve, gear marking compound, pinion and carrier bearings, pinion and carrier shims, pinion nut and washer, pinion seal, thread locking compound, and silicone sealer. Mega Kits include the same components as the Installation Kits with the addition of axle seals and axle bearings to perform a comprehensive differential rebuild.

Application	Installation Kit	Mega Kit
Ford 9", 2.891" Carrier Bearings	RIC83-1011-1	—
Ford 9", 3.062" Carrier Bearings	RIC83-1013-1	—
GM 7.5" 10-Bolt, 1977-81	RIC83-1016-1	—
GM 8.5" 10-Bolt	RIC83-1021-1	RIC83-1021-M
GM 7.5" 10-Bolt, 1982-98	RIC83-1044-1	—

Shock and Shaft Guard

Manufactured from high-impact materials, Shock Guard protects expensive shock absorbers from rocks and track debris. Shock guard mounts between the shaft heim and jam nut, and includes an encapsulated aluminum mounting area that allows secure retention of the shock heim. IMCA-approved for Modifieds and Northern Sport Mods, units are available to fit all 7"-9" shocks with removable shaft heims.

Part No.	Description
RSGRRC1300B-500	Shock Guard, .500" Shaft
RSGRRC1300B-625	Shock Guard, .625" Shaft



NEW VENDOR!

Rear Disc Brake Conversion Kits

Well suited to Street Stocks, Modifieds, etc., all-in-one kits allow dramatically increasing braking capability, utilizing premium components which have been quality tested and assured.

Each kit is complete with standard rotors, natural finish calipers, brake hoses and necessary hardware. Kits do not include emergency brake cables.



Part No.	Description
RSDAFXRDM1*	GM 10-/12-Bolt Rear Kit, 1964-77 GM "A" Body; 1967 GM "F" Body; 1968-79 GM "X" Body
RSDAFXRDM5†	GM 10-/12-Bolt Rear Kit, 1968-69 GM "F" Body; 1968-74 GM "X" Body
RSDAFXRDM78†	GM Metric Rear Kit, 1978-81 GM "A" Body; 1982-92 GM "F" Body; 1978-88 GM "G" Body
RSDZDCRDM1	Early Ford 9" Rear Kit, Large Bearing, 2.375" x 3.500" Bolt Pattern
RSDZDCRD02	Late Ford 8"/9" Rear Kit, Small Bearing, 2.00" x 3.336" Bolt Pattern

**Fits applications with non-staggered shocks. †Fits applications with staggered shocks.*

Front Disc Brake Conversion Kit for GM "A" Body [RSDAFXWK01CS](#)

Premium-quality kit allows converting popular 1964-72 GM "A" body from drum to disc brakes effectively and economically. Ideal for Street Stocks, Hobby Stocks, etc., kit is complete with stock height spindles, drilled and slotted rotors, black powder coated calipers, stainless brake hoses, backing plates, caliper brackets, and required hardware.



GM Master Cylinder [RSDDBMC01](#)

Stock replacement, cast iron dual-reservoir master cylinder is engineered for a wide variety of GM disc/drum brake applications.



Gravel Guard [RSDGGS316S-20](#)

Convuluted stainless steel tubing is designed to protect 3/16" brake line from rocks and debris. Sold in 20' length.



Street Stock/Modified Replacement Steering Components

Part No.	Description
RSDDBSA01	Steering Arms, 1964-72 Chevelle, Pair
RSDDBSP01	Disc Brake Spindles, 1964-72 GM "A"/"F"/"X" Body, Stock Height, Pair
RSDDBSP04	Disc Brake Spindles, 1964-72 GM "A"/"F"/"X" Body, 2" Drop, Pair



RI-800 Flashlight [RIG30140](#) **NEW!**

Rugged RI-800 flashlight delivers an impressive output of 820 raw lumens and a beam that projects nearly 1,000'. Compact, cool white flashlight is just over 6" long and features a type III military hard-anodized aluminum housing that is lightweight and durable. Includes AC/DC car charger, 110V wall charger and rechargeable battery.

RI-800 and RI-1100 Replacement Components

Part No.	Description
RIG30112	AC/DC Dual Battery Charger
RIG30113	High-Output Rechargeable Battery



RI-1100 Flashlight [RIG30150](#) **NEW!**

Heavy-duty flashlight packs 1,100 raw lumens and delivers over 1,000' of projection, while remaining compact at just 8.6" long. Tested against shock, vibration, sun, salt, and moisture, unit is constructed using a premium, type III military hard-anodized aluminum housing and fitted with a thermally protected circuit board, polycarbonate lens, and tactical bezel. Includes AC/DC car charger, 110V wall charger, and rechargeable battery.



Robic®

SC-717W 100 Dual-Memory Stopwatch ROB87917

A superior quality stopwatch with advanced timing functions that is truly cost-effective.

- Three Line display with lap, split, and accumulated timing
- 1/1000 second resolution to 10 hours
- 100 dual memory recall on demand without interrupting current timing
- Countdown timer shows time remaining in any event
- Electronic tally counter goes up to 9999
- Pacer, time of day, alarm, and calendar



SC-757W 500 Dual-Memory Stopwatch ROB87957

Powerful, high-capacity memory recall stopwatch offers advanced timing functions at an affordable price.

- 500 dual-memory recall on demand without interrupting current timing
- (3) line display with lap, split, and accumulated timing
- 1/1000 second resolution to 10 hours
- Countdown timer shows time remaining in any event
- Electronic tally counter goes up to 9999
- Pacer, time of day, alarm, and calendar



12-Memory Chrono Stopwatch ROBSC-505W

Robic's most popular stopwatch is now twice as powerful with 12-memory recall anytime, whether the stopwatch is running or stopped.

- Lap, split, or event timing
- Automatically counts up to 199 laps
- 1st-12th place times
- Time-out (pause) timing
- Shows current running lap or split time
- Extra-large display with large numbers
- 1/100 second precision to 24 hours.



50-Lap Memory Chronograph and Countdown Timer ROBSC-606W

Multi-mode stopwatch has a 50 dual-lap memory in ascending or descending order.

- 1/100 second resolution to 24 hours
- Time of day, alarm, and calendar
- Automatic lap counter to 50
- Auto release to running time
- Auto lap/split release



Triple Timer ROB68899

Time up to three competitors at once with a single stopwatch.

- Stopwatch has (3) fully loaded timekeeping modes; chronograph, speed timer in MPH or KPH, and countdown timer
- Start the timers simultaneously or separately
- Select from lap or split running times
- 180 memory recall of all (3) timers, review each without leaving the stopwatch
- View the memory recall in ascending or descending order
- 1/100 second precision up to 60 minutes
- Fastest, slowest, or average lap time and/or speed



Oslo Silver 2.0 ROB67744

Combines a multi-mode stopwatch with an easy-to-use countdown timer.

- Event, lap, or split timing
- 1/100 second precision to 10 hours
- Countdown timer shows time remaining
- Audible alarm at countdown
- Extra-large display
- Two-finish timer memory recall



Oslo Silver 60 ROB67764

A professional-quality stopwatch with 60 dual memory, countdown timer.

- User selectable lap, split, or dual split timing options
- Automatic lap counter to 199
- Extra-large display
- EL backlight for nighttime or low-light use
- Time of day, alarm, and calendar



Vernier Adjustable High-Performance Timing Chain Sets

Top-of-the-line Gold Series Vernier Adjustable sets' unique two-piece cam sprocket with elongated slots allows precise, virtually infinite timing adjustments. Special perimeter socket-head screws secure the sprocket once the camshaft is degreed. All sets use premium billet steel, nitrided sprockets, and IWIS double-roller timing chains.



Part No.	Application
ROLCS1230	Small Block Chevy 262-400, Torrington Bearing
ROLCS1265	Small Block Chevy Gen. III LS1, Torrington Bearing
ROLCS3240	Small Block Ford 289-351W, 1962-84, Torrington Bearing
ROLCS3241	Small Block Ford 302-351W, 1984-Up, Torrington Bearing
ROLCS5200	Small Block Chrysler 273-360

High-Performance Timing Chain Sets

Rollmaster double-roller timing sets are available in Red Series and Gold Series. Red Series standard billet steel sets have an induction-hardened, nine-keyway crankshaft sprocket, and IWIS double-roller chain. Gold Series sets have premium billet, nitrided sprockets for extended life. All sets are available with -.005" and -.010" reduced center distances to fit line bored engines. Add "-LB5" for .005" or "-LB10" for .010" reduced distance to the suffix of the part number.



Description	Red Series Part No.	Gold Series Part No.
Chevrolet		
Small Block 262-400, Thrust Washer	ROLCS1000	—
Small Block 262-400, Torrington Bearing	ROLCS1040	ROLCS1050
Small Block Gen. III LS1, Torrington Bearing	ROLCS1136	ROLCS1160
Small Block Gen. III LS2, Torrington Bearing	ROLCS1185	—
Ford		
Small Block 289-351W, 1962-84, Thrust Washer	—	ROLCS3020
Small Block 289-351W, 1962-84, Torrington Bearing	ROLCS10025	ROLCS3031
Small Block 302-351W, 1984-Up, Thrust Washer	—	ROLCS3060
Small Block 302-351W, 1984-Up, Torrington Bearing	—	ROLCS3071



High-Performance Lubricants

Royal Purple Extreme Performance and Racing (XPR) Motor Oil is the only engine oil with Synerlec, a superior lubricating ingredient which clings to all critical engine parts, creating less friction than any other petroleum or synthetic lubricant. Improved horsepower and longer engine life can be expected with this revolutionary lubrication product.

XPR SAE 0W8

An ultra-light viscosity synthetic oil recommended for small to medium displacement engines. Viscosity typical of a 0W8 oil.

1 Case
(6) 1-Qt. Bottles
ROY06009

XPR SAE 0W20

A light viscosity oil formulated to withstand exotic fuels including alcohol and methanol. Viscosity is typical of 0W20.

1-Qt. Bottle (6) 1-Qt. Bottles
ROY01008 ROY06008

XPR SAE 5W20

A light viscosity synthetic oil for small to medium displacement engines. Viscosity typical of 5W20 oil.

1-Qt. Bottle (6) 1-Qt. Bottles
ROY01011 ROY06011

XPR SAE 5W30

A horsepower and torque enhancing synthetic oil with superior wear characteristics. Viscosity typical of a 5W30 oil.

1-Qt. Bottle (6) 1-Qt. Bottles 5-Gallon Pail
ROY01021 ROY06021 ROY05021

XPR SAE 5W40 **NEW!** ROY06042

Synthetic lubricant is capable of enduring long intervals of extreme heat and high loading. Viscosity typical of a 5W40 oil. Sold in cases of 6 one-quart bottles.

XPR SAE 5W50 **NEW!** ROY06052

Synthetic oil is designed for racing applications subjected to extended intervals of extreme heat and loading. Oil has a viscosity typical of 5W50. Sold in cases of 6 one-quart bottles.

XPR SAE 10W40

A synthetic oil capable of enduring long periods of extreme heat without breakdown. Viscosity typical of a 10W40 oil.

1-Qt. Bottle (6) 1-Qt. Bottles 5-Gallon Pail
ROY01041 ROY06041 ROY05041

XPR SAE 20W50

A synthetic oil for performance engines that have used traditional 20W50 oils in the past. Provides as much as a 3% horsepower increase. Contains Synerlec, which has a very high load-carrying capacity.

1-Qt. Bottle (6) 1-Qt. Bottles 5-Gallon Pail
ROY01051 ROY06051 ROY05051

Engine Break-In Oil

Highly refined mineral oil contains high levels of zinc and phosphorous to protect flat tappet and roller camshafts and valve train at initial start-up, and to promote piston ring seating. Not-API certified.

1-Qt. Bottle (6) 1-Qt. Bottles
ROY11487 ROY06487

SAE Grade Motor Oils

A synthetic oil formulated for the commercial or daily driven vehicle, helps reduce heat and prolongs engine life. API certified.

Description	1-Qt. Bottle	1 Case (6) 1-Qt. Bottles	5-Quart Bottle	1 Case (4) 5-Qt. Containers	5-Gallon Pail
0W-20	ROY01020	ROY06020	ROY51020	ROY53020	—
0W-40	ROY11484	ROY06484	—	—	—
5W-20	ROY01520	ROY06520	ROY51520	ROY53520	—
5W-30	ROY01530	ROY06530	ROY51530	ROY53530	ROY05530
5W-40	ROY01540	ROY06540	—	—	—
10W-30	ROY01130	ROY06130	ROY51130	ROY53130	ROY05130
15W-40	ROY01154	ROY06154	—	—	ROY05154
30W	ROY01030	ROY06030	—	—	—
40W	ROY01040	ROY06040	—	—	—
50W	ROY01050	ROY06050	—	—	—

Duralec Ultra Diesel Oil **NEW!**

Specifically formulated to meet the demands of today's heavy-duty diesel engines, Duralec Ultra Diesel Oil is fortified with a high level of ZDDP and Royal Purple's proprietary Synerlec additive technology. Lubricant is suitable for use in two- and four-cycle diesel applications in automotive, commercial fleet, and stationary industrial engines. Sold in one gallon jugs or in cases.

Description	1-Gallon Jug	1 Case (3) 1-Gallon Jugs
10W-30	ROY83456	ROY80456
15W-40	ROY83561	ROY80561

Max ATF Automatic Transmission Fluid

An excellent synthetic replacement for Dexron III or Mercon type ATF, it withstands extreme heat and reduces friction for improved shifting.

1 Qt. Bottle (6) 1-Qt. Bottles 5-Gallon Pail
ROY01320 ROY06320 ROY05320



Synchromax Manual Transmission Fluid

Recommended for manual transmissions requiring automatic transmission fluid or motor oil. Synerlec additive improves shift quality and reduces friction and gear noise over a wide temperature range. One-quart bottles.

1-Qt. Bottle	1 Case (6) 1-Qt. Bottles
ROY01512	ROY06512



Max-Gear Gear Oil

Max-Gear reduces frictional wear and heat through an impact-absorbing, non-shearing molecular structure.

Description	1-Qt. Bottle	1 Case (6) 1-Qt. Bottles	5-Gallon Pail
75W90	ROY01300	ROY06300	ROY05300
75W140	ROY01301	ROY06301	—



Max EZ Power Steering Fluid

A consistent, non-foaming high-performance fluid that resists high temperatures and pressures and increases pump life.

12-oz. Bottle	1 Case (12) 1-Qt. Bottles
ROY01326	ROY12326



Purple Ice Radiator Super Coolant

Reduces the surface tension of the coolant so it can better penetrate heat transfer areas of the radiator. Provides a protective coating for aluminum parts, prevents corrosion and lubricates pump seals. Ideal for use in racing where glycol (anti-freeze) is not used.

12 oz. Bottle	1 Case (12) 16-oz. Bottles
ROY01600	ROY12600



Max-Tuff Synthetic Assembly Lubricant

Synthetic lubricant is designed for use in assembling repaired equipment. Max-Tuff adheres to metal surfaces, creating a load-bearing physical barrier between surfaces, while also protecting against rust and corrosion.

8-oz. Bottle	1 Case (12) 8-oz. Bottles
ROY01335	ROY12335



Ultra-Performance Grease

Aluminum complex, water-resistant multi-service grease can withstand high temperatures and extreme loads.

14.5-oz. Tube
ROY01312



Maxfilm Synthetic Penetrating Lubricant

Stops squeaks, loosens rusted parts, prevents rust and corrosion, and reduces wear. Maxfilm is so tough it can be used as a tapping fluid for cutting threads. Clings to metal surfaces for long-lasting protection.

11-oz. Can	1 Case (12) 11-oz. Cans
ROY05000	ROY15000



JJ SCHAFER

BROOKE GUMBERTS



ProClassic Hose

Hose is lighter and easier to assemble than stainless steel braided hose and is compatible with fuel, oil, or anti-freeze. The lightweight nylon fiber outer braid with extruded synthetic rubber core has a 350 PSI pressure rating and may be used with Full Flow swivel hose ends.

Dash Size	3 Feet	6 Feet	10 Feet	20 Feet
-6	RUS632053	RUS632063	RUS632073	RUS632093
-8	RUS632103	RUS632113	RUS632123	RUS632143
-10	RUS632153	RUS632163	RUS632173	RUS632193
-12	RUS632203	RUS632213	RUS632223	RUS632243



ProClassic II Hose **NEW!**

Utilizing an all-black nylon braided outer cover and a CPE synthetic rubber inner liner, ProClassic II has a maximum working pressure of 350 PSI and is fully compatible with fuel, oil, and antifreeze. Recommended for use with Full Flow Hose Ends, Non-Swivel, Swivel, ProClassic, and ProClassic II Crimp-On hose ends. Sold in pre-packaged lengths.

Part No.	Description
ROY632095	ProClassic II Hose, -6AN x 20'
RUS632125	ProClassic II Hose, -8AN x 10'





ProClassic Crimp-On Swivel Hose Ends

Aluminum ProClassic hose ends swivel a full 360°. Install the crimp collar over the hose, push the hose onto the fitting, and crimp the collar with the manual crimper and the proper die. (Collars and dies are sold separately.) All fittings have a black/silver anodized finish.



Dash Size	Straight Hose End	45° Hose End	90° Hose End	120° Hose End	180° Hose End
-4	RUS610403	—	—	—	—
-6	RUS610463	RUS610473	RUS610483	RUS610493	RUS610513
-8	RUS610523	RUS610533	RUS610543	RUS610553	—
-10	RUS610583	RUS610593	RUS610603	—	—
-12	RUS610643	—	RUS610663	RUS610673	—

Crimp Collars

For use with ProClassic crimp-on swivel hose ends. Packs of six.

Part No.	Description
RUS610353	-4
RUS610363	-6
RUS610373	-8
RUS610383	-10
RUS610393	-12



Proflex Stainless Steel Braided Hose

Stainless steel outer braid and Chlorinated Polyethylene (CPL) synthetic liner with flexible nylon inner resist abrasion and will not collapse. Hose has a temperature range of -40°F to +350°F and is compatible with all hydrocarbon and alcohol-based fuels, lubricants, and additives. For use with Full Flow hose ends.



Size	I.D.	OD.	3 Feet	6 Feet	10 Feet	15 Feet	20 Feet
-4	7/32"	1/2"	RUS632000	RUS632010	—	—	—
-6	11/32"	9/16"	RUS632050	RUS632060	RUS632070	RUS632080	RUS632090
-8	7/16"	5/8"	RUS632100	RUS632110	RUS632120	RUS632130	RUS632140
-10	9/16"	25/32"	RUS632150	RUS632160	RUS632170	RUS632180	RUS632190
-12	11/16"	29/32"	RUS632200	RUS632210	RUS632220	RUS632230	—
-16	7/8"	1-1/8"	RUS632250	RUS632260	—	—	—

Twist-Lok Hose

High-quality, economical Twist-Lok hose is manufactured using a CPE synthetic rubber liner covered with a reinforcing fabric braid, resulting in a product that is lightweight and flexible. Hose is pressure rated up to 250 PSI, suitable for use with most fuel and oil systems. Not recommended for use with power steering systems. Compatible with all AN-style fittings. Offered in black only.



Dash Size	I.D.	O.D.	3 Feet	6 Feet	10 Feet	15 Feet	25 Feet
-4	1/4"	15/32"	RUS634343	RUS634353	RUS634103	RUS634113	—
-6	3/8"	5/8"	RUS634363	RUS634373	RUS634143	RUS634153	RUS634163
-8	1/2"	23/32"	RUS634383	RUS634393	RUS634183	RUS634193	RUS634203
-10	5/8"	13/16"	RUS634403	—	RUS634223	—	RUS634243

Twist-Lok Hose Ends

Lightweight aluminum hose ends are up to 40% lighter than conventional units and are easy to assemble or disassemble. The 37° sealing surface is compatible with other manufacturers' hose ends. Fittings are available with blue or black anodized finish. For use only with Twist-Lok hose.



RUS624003

Dash Size	Straight Blue	Straight Black	45° End Blue	45° End Black	90° End Blue	90° End Black
-4	RUS624000	RUS624003	—	—	RUS624150	RUS624153
-6	RUS624010	RUS624013	RUS624080	RUS624083	RUS624160	RUS624163
-8	RUS624020	RUS624023	—	RUS624093	RUS624170	RUS624173
-10	RUS624030	RUS624033	RUS624100	RUS624103	RUS624180	RUS624183

Full Flow 90° Swivel Pipe-Thread Hose Ends

Unique pipe thread-to-hose swivel ends need no separate adapter for direct connection to fuel pumps, fuel filters, fuel regulators, oil pumps, etc. Red and blue anodized fittings have a tapered hose end for easy assembly.



Dash Size	Pipe Size	90° Swivel
-6	1/4"	RUS612090
-6	3/8"	RUS612100
-8	1/2"	RUS612110

Full Flow 90° Radius Port Hose End O-Ring Boss

Dash Size	Thread	Part No.
-6	9/16"-18	RUS612463
-8	3/4"-16	RUS612473
-10	7/8"-14	RUS612433



Black AN Flare to NPT Adapters

Dash Size	NPT Size	Straight	45°	90°
-3	1/8"	RUS642443	—	—
-6	1/4"	RUS660443	—	RUS660823
-6	1/8"	RUS660453	—	—
-6	3/8"	RUS660463	—	RUS660843
-8	3/8"	RUS660483	RUS660963	RUS660863
-8	1/2"	RUS660493	—	—
-10	1/2"	RUS660503	RUS660973	RUS660883
-10	3/8"	RUS670033	—	—
-12	1/2"	RUS660523	—	—
-12	3/4"	RUS660513	—	—



Aluminum Fuel Hose Adapters

Special adapters are used to connect 3/8" or 1/2" aluminum tubing to -6AN or -8AN adapters. Crimp design eliminates the need for tube flaring.



Part No.	Description
RUS639200	-6AN Female Swivel to 3/8" Hose
RUS639210	-6AN Male 37° to 3/8" Hose
RUS639220	-8AN Female Swivel to 1/2" Hose
RUS639230	-8AN Male 37° to 1/2" Hose



Full-Flow Hose Ends

Reusable anodized aluminum fittings are lightweight and durable. Taper-designed hose ends are easy to assemble. The 37° angled sealing surface is compatible with other manufacturers' hose ends. Choose from blue/red, black/silver, or black anodized fittings in swivel or non-swivel designs.



Dash Size	Straight Blue/Red	Straight Black/Silver	Straight Black	45° Non-Swivel Blue/Red	45° Swivel Black/Silver	45° Non-Swivel Black	90° Non-Swivel Blue/Red	90° Non-Swivel Black/Silver	90° Non-Swivel Black
-4AN	RUS610010	RUS610013	RUS610015	RUS610080	—	RUS610085	RUS610150	—	RUS610155
-6AN	RUS610020	RUS610023	RUS610025	RUS610090*	RUS610093	RUS610095*	RUS610160*	RUS610163*	RUS610165*
-8AN	RUS610030	RUS610033	RUS610035	RUS610100*	RUS610103	RUS610105*	RUS610170*	RUS610173*	RUS610175*
-10AN	RUS610040	RUS610043	RUS610045	—	—	RUS610115*	RUS610180*	RUS610183*	RUS610185*
-12AN	RUS610050	—	RUS610055	—	—	RUS610125	—	—	RUS610195

* Only available in swivel-style hose end.

Dual-Inlet Carburetor Fuel Line Kits

Assembled kits offer a choice of large diameter ProClassic, Proflex, or Twist-Lok AN hose and red/blue or black anodized aluminum AN fittings for exceptional flow. Each has a 1/8" NPT port for a fuel pressure gauge.



Part No.	Description
RUS641090	-6AN ProClassic Carb Kit, Holley 4150
RUS641093	-6AN ProClassic Carb Kit, Black Finish, Holley 4150
RUS641100	-6AN ProClassic Carb Kit, with Gauge, Holley 4150
RUS641150	-8AN Proflex Carb Kit, Holley 4150
RUS641155	-8AN ProClassic II Carb Kit, Black Finish, Holley 4150

Carb Adapter Fitting

Part No.	Description
RUS640360	Holley Dual Feed 750 Through Dominator 1350 Series 7/8"-20 x -6AN Male Flare Extended Carb Fitting with Reduced Hex



Competition Fuel Filters

Billet aluminum in-line filters for high-volume fuel systems have 40-micron disc elements. Available with polished, red and blue, or black anodized finishes.



Description	Polished Part No.	Red/Blue Part No.	Black Part No.
-6AN Male Ports, 3"L x 1-1/4" Dia.	RUS650140	RUS650130	RUS650133
-8AN Male Ports, 3-1/4"L x 1-1/4" Dia.	RUS650110	RUS650100	RUS650103

Fuel Pressure Take-Off Adapters



All adapters have a 1/8" NPT port for fuel pressure gauge

Description	Blue/Red Part No.	Black Part No.
Female to Male -6	RUS670340	RUS670343
Female to Male -8	RUS670350	RUS670353
Female to Male -10	RUS670360	—
Male -6 Flare to Male 3/8" Pipe	—	RUS670063
Male -8 Flare to Male 3/8" Pipe	—	RUS670083

Fuel System Check Valves

Unique check-valves allow fuel to flow in one direction, preventing flow back without creating restriction. Check valve uses a corrosion-resistant 304 stainless steel, high-flow piston and spring assembly that offers a 3 PSI opening pressure.



Part No.	Description
RUS650603	-6 Male to -6 Male
RUS650613	-8 Male to -8 Male

-6AN Shut-Off Valve **NEW!** RUS650633

Special valve allows easily controlling fluid flow, shutting flow off as desired. Black anodized aluminum valve includes -6AN male inlet and outlet ports and a large handle.



Black Fuel Cell Bulkheads

Includes sealing washers and jam nuts.

Part No.	Dash Size
RUS670850	-6
RUS670860	-8
RUS670870	-10
RUS670880	-12



Female AN to Male AN Swivel Adapters

Offered in blue anodized only.

Part No.	Description
RUS614706	45° Female AN to Male AN, -6
RUS614808	90° Female AN to Male AN, -8



O-Ring Boss Radius AN Port Adapter

Part No.	AN Size	Radius Port Size
RUS670700	-8	-8



Black Allen Socket Pipe Plug

NPT Size	Black Part No.	Blue Part No.
1/8"	RUS662033	—
1/4"	RUS662043	RUS662040
3/8"	RUS662053	—
1/2"	RUS662063	—





-10AN Flare Cap RUS661980

Blue anodized finish.



Power Steering Adapter

Part No.	AN Size	Port/Thread
RUS648040	-6	Male 11/16"-18 O-Ring Seal



Speed Bleeder

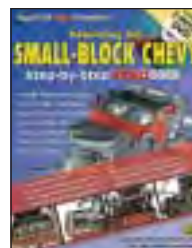
Patented bleeder valve has a spring-loaded one-way ball and check valve. The stainless steel check ball opens to allow the old fluid and air out then closes automatically between pumps, preventing air from re-entering the line. Replaces original bleed-valve in caliper or wheel cylinder. Sold two per package.

Part No.	Thread	Overall Length
RUS639510	7/16"-20	1.25"
RUS639540	1/4"-28	.940"
RUS639560	10 mm x 1.0	35 mm
RUS639580	10 mm x 1.5	30 mm
RUS639590	3/8"-24	1.50"



Rebuilding The Small Block Chevy: Step-By-Step Videobook SABSA116

This 160-page softbound book and accompanying instructional DVD video cover disassembly, inspection, machine shop operations, parts selection, and reassembly of the small block Chevy engine.



S-A Design Books

S-A offers a full complement of technical books to help the beginner or seasoned oval track enthusiast. Each softbound book is packed full of informative photos and illustrations.

Part No.	Description
SABSA24	David Vizard's How to Build Horsepower, 144 Pages
SABSA26	How to Build the Small Block Chevrolet, 144 Pages
SABSA57	How to Build Max Performance Chevy Small Blocks on a Budget, 160 Pages
SABSA79	Performance Ignition Systems, 144 Pages
SABSA86	How to Build High-Performance Chevy LS1/LS6 V8's, 160 Pages
SABSA102	How to Rebuild the Small Block Ford, 144 Pages
SABSA103	How to Rebuild and Modify High-Performance Manual Transmissions, 144 Pages
SABSA113	How to Build and Modify Rochester Quadrajet Carburetors, 128 Pages
SABSA147	How to Rebuild GM LS-Series Engines, 152 Pages
SABSA160	Automotive Wiring and Electrical Systems, 144 Pages NEW!
SABSA170	High-Performance Differentials, Axles and Drivelines, 144 Pages
SABSA204	Performance Automotive Engine Math, 160 Pages
SABSA215	David Vizard's How to Port and Flow Test Cylinder Heads, 160 Pages
SABSA216	How to Super Tune and Modify Holley Carburetors, 144 Pages
SABSA249	Ford Differentials: How to Rebuild the 8.8" and 9", 144 Pages
SABSA251	Modern Engine Blueprinting Techniques: A Practical Guide to Precision Engine Building, 192
SABSA310	GM Differentials: How to Rebuild the 10- and 12-Bolt, 144 Pages
SABSA326	How to Rebuild and Modify GM Turbo 350 Transmissions, 144 Pages
SABSA330	Holley Carburetors: How to Rebuild, 144 Pages
SABSA343	Weld Like a Pro: Beginning to Advanced, 144 Pages
SABSA378	Automotive Machining: A Guide to Boring, Decking, Honing and More, 176 Pages
SABSA395	How to Build LS Gen. IV Performance on the Dyno: Optimal Parts Combos for Max Performance, 144 Pages
SABSA413	LS Gen. IV Engines 2005-Present: How to Build Max Performance, 144 Pages
SABSA456	How to Build Killer Small Block Chevy Engines, 144 Pages



ERIC SWAN



MIKE KULIKOWSKI

BRIAN BENKERT



Pro Copper, Titan, and Titan ICS Head Gaskets

Pro Copper head gaskets are made from C-1100 ASTM B152-92 copper sheet, annealed to Rockwell F-32. Titan copper head gaskets combine great strength and built-in offset fluid seals. Pro Copper and Titan gaskets require that the block or cylinder head be O-ringed.

O-ring wire must be purchased separately. Strong enough for extreme compression ratios, Titan ICS head gaskets feature integral combustion seals and coolant seals, eliminating the need for O-rings and sealants. Gaskets are sold each.



Description	Gasket Bore	Thickness	Pro Copper Part No.	Titan Part No.	Titan ICS Part No.
Chevy 350-400					
350	4.060"	.032"	SCEP110632	—	—
350	4.060"	.043"	SCEP110643	SCET110643	SCES110643
350	4.060"	.050"	SCEP110650	—	SCES110650
350	4.060"	.062"	SCEP110662	SCET110662	SCES110662
350	4.060"	.080"	SCEP110680	—	—
400	4.155"	.032"	SCEP111532*	—	—
400	4.155"	.043"	SCEP111543*	SCET111543	SCES111543
400	4.155"	.050"	SCEP111550*	—	SCES111550
400	4.155"	.062"	SCEP111562*	—	SCES111562
400	4.155"	.080"	SCEP111580*	—	—
400	4.200"	.043"	SCEP112043*	—	SCES112043
400	4.200"	.050"	SCEP112050*	—	SCES112050
400	4.200"	.062"	SCEP112062*	SCET112062	SCES112062
SB Chevy Gen. III/IV LS					
LS/LSX/LS7, LH	4.160"	.060"	—	—	SCES191662L
LS/LSX/LS7, RH	4.160"	.060"	—	—	SCES191662R
SB Ford 260-351W					
260-351W, LH	4.060"	.043"	SCEP360643L	SCET360643L	SCES360643L
260-351W, RH	4.060"	.043"	SCEP360643R	SCET360643R	SCES360643R
260-351W, LH	4.060"	.050"	SCEP360650L	—	SCES360650L
260-351W, RH	4.060"	.050"	SCEP360650R	—	SCES360650R
260-351W, LH	4.060"	.062"	SCEP360662L	SCET360662L	SCES360662L
260-351W, RH	4.060"	.062"	SCEP360662R	SCET360662R	SCES360662R
260-351W, LH	4.155"	.043"	SCEP361543L	SCET361543L	SCES361543L
260-351W, RH	4.155"	.043"	SCEP361543R	SCET361543R	SCES361543R
260-351W, LH	4.155"	.050"	—	—	SCES361550L
260-351W, RH	4.155"	.050"	—	—	SCES361550R
260-351W, LH	4.155"	.062"	SCEP361562L	SCET361562L	SCES361562L
260-351W, RH	4.155"	.062"	SCEP361562R	SCET361562R	SCES361562R
260-351W, LH	4.155"	.080"	SCEP361580L	—	—
260-351W, RH	4.155"	.080"	SCEP361580R	—	—
SB Ford 302-351 SVO					
C302/Yates, LH	4.060"	.043"	—	SCET390643L	—
C302/Yates, RH	4.060"	.043"	—	SCET390643R	—
C302/Yates, LH	4.155"	.043"	—	SCET391543L	—
C302/Yates, RH	4.155"	.043"	—	SCET391543R	—
C302/Yates, LH	4.155"	.050"	SCEP391550L	—	—
C302/Yates, RH	4.155"	.050"	SCEP391550R	—	—
C302/Yates, LH	4.155"	.062"	SCEP391562L	—	—
C302/Yates, RH	4.155"	.062"	SCEP391562R	—	—
C302/Yates, LH	4.155"	.080"	SCEP391580L	—	—
C302/Yates, RH	4.155"	.080"	SCEP391580R	—	—

* SB Chevy 400 gaskets do not have steam holes between cylinders; SCE recommends using 304 stainless steel wire to properly O-ring cylinder heads and block. O-rings do not need to be changed when installing new head gaskets. See below for O-ring wire.

O-Ring Wire

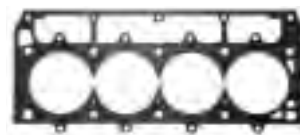
SCE recommends 304 stainless wire to properly O-ring cylinder heads or block. O-rings do not need to be changed when installing new head gaskets.



Part No.	Description
SCE31541	0.041" 304 Stainless Wire, 15' Roll
SCE31542	0.041" Wire and Installation Kit

Vulcan Cut-Ring Head Gaskets **NEW!**

The Vulcan gaskets from SCE combine the sealing qualities of composite gaskets with ability to bite into the cylinder head like a stainless steel gasket, eliminating any machining or unnecessary sealants. Designed for engines with up to 16:1 compression. Sold each unless noted.



Part No.	Description	Bore	Gasket Thickness
GM LSX Series - Sold Each			
SCECR190559L	LH	4.056"	.059"
SCECR190559R	RH	4.056"	.059"
SCECR191559L	LH	4.150"	.059"
SCECR191559R	RH	4.150"	.059"
SCECR191759L	LH	4.174"	.059"
SCECR191759R	RH	4.174"	.059"
SCECR199959L	LH	3.977"	.059"
SCECR199959R	RH	3.977"	.059"
GM LS Series - Sold as a Pair			
SCECR200559	GM LS, Pair	4.056"	.059"
SCECR201559	GM LS, Pair	4.150"	.059"

Accu-Seal Intake Gaskets

Available in standard Accu-Seal "E" and premium



Accu-Seal Pro. Accu-Seal Pro Gaskets have the added benefit of silicone beading around the ports and water passages.

Part No.	Description	Port Type	Thk.
Small Block Chevy 265-400			
SCE111118	Accu-Seal "E"	18°/1.265" x 2.180"	1/16"
SCE111124	Accu-Seal "E"	Pro Topline 14°	1/16"
SCE211102	Accu-Seal Pro	23°/1.32" x 2.19"	1/16"
SCE211124	Accu-Seal Pro	14°/RHS	1/16"
Small Block Ford 260-351W			
SCE136103	Accu-Seal "E"	Victor XL/1.50" x 2.24"	1/16"

Pro Copper Exhaust Gaskets



SCE offers exhaust gaskets made of dead soft copper, a very durable material that will never blow out. Sold in pairs.

Part No.	Description	Port Type
Small Block Chevrolet 262-400		
SCE4011	Pro Copper Embossed	Round 1.50" dia.
SCE4111	Pro Copper Embossed	18° Heads
SCE4211	Pro Copper Embossed	Square 1.50" x 1.437"
SCE4311	Pro Copper Embossed	"D" Port w/1.75" dia. Primary Tube
Small Block Chevy Gen. III		
SCE4019	LS1	Round, 1.5"-1.625" Dia.
Small Block Ford 289-351W		
SCE4036	Pro Copper Embossed	Windsor Head 1.250" x 1.500"



Dyno-Pak Bulk Gasket Sets

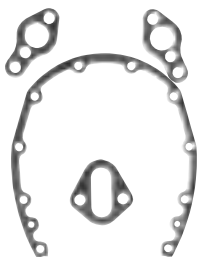
Packaged for the engine builder. Set includes ten gaskets.

Part No.	Description
Small Block Chevy 265-400	
SCE202	Distributor Gaskets
SCE1100-10	Timing Cover Gaskets
SCE1101-10	Water Pump Gaskets (Sets)
SCE1102-10	Timing Cover Seals
SCE1105-10	Rear Main Seals, 2-Pc. Silicone
SCE1106-10	2-Bolt Fuel Pump Gaskets
SCE1107-10	4-Bolt Fuel Pump Plate Gaskets
SCE1108-10	Thermostat Housing Gaskets
SCE1109-10	Oil Pan, 1975-85 LH Dipstick, Thick Ft. Seal
	Oil Pan Gaskets, 1986-Up 1-Pc.
SCE11092-10	Rear Main Seal, RH Dipstick, Thick Ft. Pan Seal
	Oil Pan Gaskets, Crate Engine, 2-Pc. Rear Main Seal, RH and LH Dipstick
SCE11095-10	



SB Chevy Timing Cover, Water Pump, and Fuel Pump Gasket Set SCE11100

Fits all 265-400 Chevys and includes timing cover, water pump, and fuel pump gaskets.



Carburetor Base Gaskets

Sold in packs of ten.

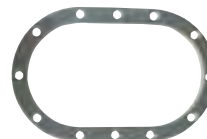
Part No.	Description
SCE349	Holley 2bbl., 500 CFM
SCE354	Holley 4bbl., Open
SCE355	Holley 4bbl., 4-Hole, 1.750"
SCE355-2	Holley 4bbl., 4-Hole, 1.685"



Quick-Change Rear Axle Gaskets

Accu-Seal Pro a reusable, steel-core design.

Part No.	Description
SCE203	Quick-Change Gasket, Standard Shape
SCE204	Quick-Change Gasket, Contoured Design



SB Chevy Oil Pan Gasket Set

SCE111094

Rubberized fiber gasket set fits SBC Bowtie blocks. Contains gaskets and seals.



SB Chevy Water Pump Gaskets

SCE21101

Water pump gaskets with steel carrier. Pack of 2.



6-Spline Quick-Change Gears

Manufactured from 9310 aircraft alloy for maximum strength, 6-spline quick-change gears are crown-hobbed, broached for 6-spline shaft fit, and black oxide finished for corrosion protection. Gears undergo a five-step heat-treating process to deliver maximum durability.



Part No.	Number of Teeth	Gear Ratio	3.78 R&P		4.11 R&P		4.33 R&P	
			Low	High	Low	High	Low	High
SCS61	24/24	1.000	3.78	3.78	4.11	4.11	4.33	4.33
SCS62	26/27	1.038	3.64	3.93	3.96	4.27	4.17	4.50
SCS63	26/28	1.076	3.51	4.07	3.82	4.43	4.02	4.66
SCS63B	25/28	1.120	3.38	4.23	3.67	4.60	3.87	4.85
SCS63A	22/25	1.136	3.33	4.30	3.62	4.67	3.81	4.92
SCS64	22/26	1.181	3.20	4.47	3.48	4.86	3.66	5.12
SCS65	21/26	1.238	3.05	4.68	3.32	5.09	3.50	5.36
SCS65A	24/30	1.250	3.02	4.73	3.29	5.14	3.46	5.41
SCS66	21/27	1.285	2.94	4.86	3.20	5.28	3.37	5.57
SCS624	23/30	1.304	2.90	4.93	3.15	5.36	3.32	5.65
SCS625	18/24	1.333	2.84	5.04	3.08	5.48	3.25	5.77
SCS67	20/27	1.350	2.80	5.10	3.04	5.55	3.21	5.85
SCS623	16/22	1.375	2.75	5.20	2.99	5.65	3.15	5.95
SCS68	20/28	1.400	2.70	5.29	2.94	5.75	3.09	6.06
SCS622	19/27	1.421	2.66	5.37	2.89	5.84	3.05	6.15
SCS69	16/23	1.437	2.63	5.43	2.86	5.91	3.01	6.22
SCS610	22/32	1.454	2.60	5.50	2.83	5.98	2.98	6.30
SCS611	16/24	1.500	2.52	5.67	2.74	6.17	2.89	6.50
SCS612	21/32	1.523	2.48	5.76	2.70	6.26	2.84	6.60
SCS613	18/28	1.555	2.43	5.88	2.64	6.39	2.78	6.74
SCS614	21/33	1.571	2.41	5.94	2.62	6.46	2.76	6.80
SCS615	15/24	1.600	2.36	6.05	2.57	6.58	2.71	6.93
SCS616	16/26	1.625	2.33	6.14	2.53	6.68	2.66	7.04
SCS617	20/33	1.650	2.29	6.24	2.49	6.78	2.62	7.14
SCS618	20/34	1.700	2.22	6.43	2.42	6.99	2.55	7.36
SCS618A	15/26	1.733	2.18	6.55	2.37	7.12	2.50	7.51
SCS619	17/30	1.764	2.14	6.67	2.33	7.25	2.45	7.64



Professional Series Quick-Change Gears

Gears are aircraft-grade steel for maximum strength. Each gear has a shaved finish to minimize backlash and run out, and is broached for a 10-spline shaft. A 5-step heat-treating process yields maximum gear life for high-stress applications. Gears have a black oxide finish, and lightened faces to reduce rotating weight without sacrificing strength.



Gear Set No.	4.11 Ring and Pinion (9-37 Teeth)		No. of Teeth	4.86 Ring and Pinion (7-34 Teeth)	
	Low	High		Low	High
SCS01	4.11	4.11	21/21	4.86	4.86
SCS02	3.96	4.26	27/28	4.68	5.04
SCS05	3.94	4.28	24/25	4.66	5.07
SCS15	3.90	4.33	19/20	4.61	5.12
SCS15K	3.85	4.38	15/16	4.56	5.18
SCS26	3.83	4.41	27/29	4.52	5.22
SCS06	3.78	4.46	23/25	4.47	5.28
SCS25	3.74	4.52	20/22	4.42	5.35
SCS12	3.68	4.58	26/29	4.36	5.42
SCS07	3.63	4.64	23/26	4.30	5.49
SCS07K	3.58	4.69	21/24	4.23	5.54
SCS17	3.55	4.76	19/22	4.19	5.63
SCS08K	3.49	4.83	17/20	4.13	5.71
SCS08	3.48	4.85	22/26	4.11	5.75
SCS19	3.45	4.89	21/25	4.08	5.78
SCS09K	3.42	4.93	25/30	4.05	5.83
SCS09	3.39	4.97	19/23	4.01	5.88
SCS11	3.35	5.04	22/27	3.96	5.97
SCS03	3.31	5.10	25/31	3.92	6.03
SCS13	3.29	5.14	20/25	3.89	6.08
SCS18	3.25	5.19	19/24	3.85	6.13
SCS04K	3.21	5.26	18/23	3.80	6.21
SCS04	3.18	5.31	24/31	3.76	6.28
SCS20	3.16	5.34	20/26	3.74	6.32
SCS22	3.12	5.41	19/25	3.69	6.39
SCS16	3.08	5.48	24/32	3.65	6.48
SCS10	3.04	5.55	20/27	3.60	6.56
SCS34	3.00	5.63	19/26	3.55	6.65
SCS14	2.95	5.72	23/32	3.50	6.76
SCS14K	2.93	5.76	20/28	3.47	6.81
SCS35	2.91	5.80	17/24	3.44	6.86
SCS32K	2.87	5.89	23/33	3.39	6.97
SCS24	2.83	5.96	20/29	3.35	7.04
SCS36	2.80	6.04	17/25	3.30	7.15
SCS37	2.78	6.07	23/34	3.29	7.18
SCS23	2.74	6.16	18/27	3.24	7.29
SCS21	2.69	6.28	17/26	3.18	7.43
SCS27	2.66	6.35	22/34	3.15	7.51
SCS43	2.63	6.42	16/25	3.11	7.59
SCS28	2.60	6.49	19/30	3.08	7.67
SCS29	2.57	6.58	15/24	3.04	7.77
SCS30	2.53	6.67	16/26	2.99	7.89
SCS41	2.49	6.77	17/28	2.95	8.00
SCS31	2.46	6.85	21/35	2.91	8.10
SCS33K	2.43	6.94	16/27	2.88	8.20
SCS30K	2.37	7.12	15/26	2.80	8.42

Sportsman Series Quick-Change Gears

A quality gear priced for the sportsman racer! Unlightened Sportsman Series 10-spline gears are CNC-crown hobbled from 8620 material, then heat-treated and REM-finished prior to shipment.



Gear Set No.	4.11 Ring and Pinion (9-37 Teeth)		No. of Teeth	4.86 Ring and Pinion (7-34 Teeth)	
	Low	High		Low	High
SCS101	4.11	4.11	21/21	4.86	4.86
SCS102	3.96	4.26	27/28	4.68	5.04
SCS1015K	3.85	4.38	15/16	4.56	5.18
SCS1026	3.83	4.41	27/29	4.52	5.24
SCS106	3.78	4.46	23/25	4.47	5.28
SCS1025	3.74	4.52	20/22	4.42	5.35
SCS1012	3.68	4.58	26/29	4.36	5.42
SCS107	3.63	4.64	23/26	4.30	5.49
SCS107K	3.58	4.69	21/24	4.23	5.54
SCS1017	3.55	4.76	19/22	4.19	5.63
SCS108K	3.49	4.83	17/20	4.13	5.71
SCS108	3.48	4.85	22/26	4.11	5.75
SCS1019	3.45	4.89	21/25	4.08	5.78
SCS109K	3.42	4.93	25/30	4.05	5.83
SCS109	3.39	4.97	19/23	4.01	5.88
SCS1011	3.35	5.04	22/27	3.96	5.97
SCS103	3.31	5.10	25/31	3.92	6.03
SCS1013	3.29	5.14	20/25	3.89	6.08
SCS1018	3.25	5.19	19/24	3.85	6.13
SCS104K	3.21	5.26	18/23	3.80	6.21
SCS104	3.18	5.31	24/31	3.76	6.28
SCS1020	3.16	5.34	20/26	3.74	6.32
SCS1022	3.12	5.41	19/25	3.69	6.39
SCS1016	3.08	5.48	24/32	3.65	6.48
SCS1010	3.04	5.55	20/27	3.60	6.56
SCS1034	3.00	5.63	19/26	3.55	6.65
SCS1014	2.95	5.72	23/32	3.50	6.76
SCS1014K	2.93	5.76	20/28	3.47	6.81
SCS1035	2.91	5.80	17/24	3.44	6.86
SCS1032K	2.87	5.89	23/33	3.39	6.97
SCS1024	2.83	5.96	20/29	3.35	7.04
SCS1036	2.80	6.04	17/25	3.30	7.15
SCS1037	2.78	6.07	23/34	3.29	7.18
SCS1023	2.74	6.16	18/27	3.24	7.29
SCS1043	2.63	6.42	16/25	3.11	7.59
SCS1028	2.60	6.49	19/30	3.08	7.67
SCS1029	2.57	6.58	15/24	3.04	7.77
SCS1041	2.49	6.77	17/28	2.95	8.00
SCS1031	2.46	6.85	21/35	2.91	8.10
SCS1033K	2.43	6.94	16/27	2.88	8.20

Note: On short tracks such as 1/4, 3/8, and 1/2 mile, the larger gear is most commonly used on top. Example: If you have a 4:11 ring and pinion and you install a #4 gear set with the big gear on top you will have a 5:31 ratio.

- High designation on chart means higher numerical number, but lower gear ratio.
- Low designation on chart means lower numerical number, but higher gear ratio.



Cooling Fans

Recognized worldwide as a leader in the manufacture of cooling fans for demanding situations. Among the finest performance fans available.



SPA195FH



Accessories

Part No.	Description
SPAFRH	Fan Wiring Kit with Relay
SPA185FH	Fan Wiring Kit with Relay and 185°F Thermostat
SPA195FH	Fan Wiring Kit with Relay and 195°F Thermostat
SPA30130011	Fan Mounting Bracket Kit

Part No.	Diameter	CFM	Overall Dia.	Depth	Blade Style
SPA30100402	6.5" Puller	325	7.24"	2.05"	Straight
SPA30100394	7.5" Puller	437	7.95"	2.01"	Straight
SPA30100393	7.5" Pusher	437	8.27"	2.05"	Straight
SPA30100392	9" Puller	590	9.72"	2.05"	Straight
SPA30100360	10" Puller	749	11.2"	2.05"	Straight
SPA30100374	10" Pusher	649	11.2"	2.05"	Straight
SPA30100320	10" Pusher	1350	11.16"	2.01"	Curved
SPA30102564	11" Puller	1463	11.75"	3.72"	Curved
SPA30101500	11" Puller	962	12.2"	2.48"	Straight
SPA30102029	12" Puller	1451	13.23"	3.39"	Curved
SPA30101504	12" Puller	1227	13.23"	2.48"	Straight
SPA30101802	12" Puller	1060	13.37"	2.43"	Straight
SPA30102546	12" Pusher	1752	13.78"	3.45"	Straight

Part No.	Diameter	CFM	Overall Dia.	Depth	Blade Style
SPA30102555	14" Pusher	1752	15.00"	3.43"	Straight
SPA30102042	14" Puller	1652	15.04"	3.39"	Curved
SPA30101509	14" Puller	1274	15.04"	2.48"	Straight
SPA30102041	14" Puller	1623	15.04"	3.39"	Straight
SPA30102540	16" Pusher	2089	16.22"	3.45"	Straight
SPA30100400	16" Puller	1298	16.30"	2.05"	Straight
SPA30102049	16" Puller	2024	16.30"	3.39"	Curved
SPA30102113	16" Puller	2467	16.30"	3.65"	Curved
SPA30102047	16" Pusher	2036	16.30"	3.39"	Straight
SPA30101516	16" Puller	1604	16.30"	2.48"	Straight
SPA30101517	16" Pusher	1604	16.30"	2.48"	Straight
SPA30102120	16" Puller	1918	16.30"	3.39"	Straight
SPA30102052	Dual 11" Puller	2720	23.46"	4.25"	Straight



Professional Piston and Ring Kits



Revolutionary piston kits have modern racing pistons with low-friction metric ring sets. Kits include lightweight forged side relief (FSR) pistons, wrist pins with carbon steel wire locks, and JE Pro Seal premium piston ring set, complete with 1.2 mm premium steel top rings, 1.5 mm Napier second rings, and 3.0 mm standard tension oil rings.

Part No.	Bore Size	Stroke	Rod Length	Dish / Dome Volume	Comp. Height	Comp. Ratio
Small Block Chevy						
Flat Top Pistons						
SRP324858	4.005"	3.480"	5.700"	-10cc	1.560"	9.7:1
SRP268830	4.030"	3.750"	6.000"	-5cc	1.125"	11.1:1
SRP271055	4.030"	3.750"	5.700"	-5cc	1.425"	11.1:1
SRP271056	4.030"	3.480"	6.000"	-5cc	1.260"	10.3:1
SRP271057	4.030"	3.480"	5.700"	-5cc	1.560"	10.3:1
SRP279480	4.040"	3.480"	6.000"	-5cc	1.260"	11.1:1
SRP295444	4.125"	4.000"	6.000"	-5cc	1.000"	12.2:1
SRP271063	4.155"	4.000"	6.000"	-5cc	1.000"	12.3:1
SRP271064	4.155"	3.875"	6.000"	-5cc	1.062"	12.0:1
SRP271065	4.155"	3.750"	6.000"	-5cc	1.125"	11.6:1
High Compression Dished Pistons						
SRP271058	4.030"	3.750"	6.000"	7cc	1.125"	12.9:1
SRP271059	4.030"	3.480"	6.000"	11cc	1.260"	12.7:1
SRP271066	4.155"	3.750"	6.000"	4cc	1.125"	13.0:1
SRP310182	4.125"	3.750"	6.000"	4cc	1.125"	12.8:1
Inverted Dome Pistons						
SRP271067	4.155"	4.000"	6.000"	-16cc	1.000"	10.9:1
SRP271068	4.155"	3.875"	6.000"	-16cc	1.062"	10.6:1
SRP271069	4.155"	3.750"	6.000"	-16cc	1.125"	10.3:1

Notes: Compression ratios are based on the following combustion chambers:
SB Chevy: 64cc, SB Ford: 64cc

Performance Forged Pistons

SRP pistons are machined to accept 1/16" top, 1/16" second, and 3/16" oil rings. Sold in sets of eight, with wrist pins and double Spiro Locks.



Part No.	Bore Size	Stroke	Rod Length	Dish/Dome Volume	Comp. Height	Comp. Ratio
Small Block Chevy						
Flat Top Pistons						
SRP138081	4.030"	3.480"	5.700"	-5cc	1.560"	10.3:1
SRP138085	4.030"	3.480"	6.000"	-5cc	1.260"	10.3:1
SRP138089	4.030"	3.750"	5.700"	-5cc	1.425"	11.0:1
SRP138093*	4.030"	3.750"	6.000"	-5cc	1.125"	11.0:1
SRP138082	4.040"	3.480"	5.700"	-5cc	1.560"	10.3:1
SRP138086	4.040"	3.480"	6.000"	-5cc	1.260"	10.3:1
SRP138094*	4.040"	3.750"	6.000"	-5cc	1.125"	11.0:1
SRP138087	4.060"	3.480"	6.000"	-5cc	1.260"	10.4:1
SRP138095*	4.060"	3.500"	6.125"	-5cc	1.125"	11.1:1
SRP231308	4.125"	3.750"	6.000"	-5cc	1.125"	11.4:1
SRP138100*	4.155"	3.750"	6.000"	-5cc	1.125"	11.6:1
High Compression Dished Pistons						
SRP140678	4.030"	3.480"	6.000"	11cc	1.260"	12.9:1
SRP140348*	4.030"	3.750"	6.000"	7cc	1.125"	12.9:1
SRP140679	4.040"	3.480"	6.000"	11cc	1.260"	13.0:1
SRP140345	4.040"	3.750"	5.700"	7cc	1.425"	12.9:1
SRP140349*	4.040"	3.750"	6.000"	7cc	1.125"	12.9:1
SRP140680	4.060"	3.480"	6.000"	11cc	1.260"	13.0:1
SRP140350*	4.060"	3.750"	6.000"	7cc	1.125"	13.0:1
SRP142021	4.155"	3.750"	5.700"	4cc	1.425"	12.9:1
SRP142024*	4.155"	3.750"	6.000"	4cc	1.125"	12.9:1
SRP142035	4.165"	3.480"	6.000"	9cc	1.260"	13.0:1
SRP142025*	4.165"	3.750"	6.000"	4cc	1.125"	12.9:1
Dished Pistons						
SRP139632	4.030"	3.480"	5.700"	-24cc	1.560"	8.5:1
SRP139628	4.030"	3.750"	5.700"	-16cc	1.425"	9.8:1
SRP147550	4.165"	3.750"	6.000"	-16cc	1.125"	10.3:1
Small Block Ford						
Flat Top Pistons						
SRP138734	4.030"	3.000"	5.090"	-5cc	1.600"	9.0:1
SRP140689*	4.030"	3.400"	5.400"	-5cc	1.100"	10.1:1
SRP138730	4.030"	3.500"	5.956"	-5cc	1.774"	10.4:1
Low Compression Pistons						
SRP151868*	4.030"	3.400"	5.400"	-12.5cc	1.100"	9.3:1

Notes: Compression ratios based on the following combustion chambers: SB Chevy: 64cc, SB Ford: 64cc
* Oil rail supports included.



Professional Piston and Ring Kit for GM "602" Crate Engine **NEW! SRP324859**

Lightweight FSR pistons feature an OEM crown appearance, and are sold complete with low-friction, metric-sized 1.2 mm, 1.5 mm, and 3.0 mm piston rings, lightweight wrist pins, and wire locks..

Note: SB Chevy compression ratio based on a 64cc combustion chamber.



NEW VENDOR

Fastrax Camber/Caster Gauge SPP91000

Convenient, portable tool eases front end alignment, while allowing fine tuning for optimal tracking and handling. Fastrax includes the ability to accurately display camber +/-4° and caster -4° to +12°. Sold complete with gauge and wheel mount, which fits most 13"-17" wheels.



Part No.	Description
SPP91000	Fastrax Camber/Caster Gauge, Fits Most 13"-17" Wheels
SPP91100	Toe Adapter Set, Allows Checking Toe with SPP91000
SPP91030	No Lip Adapter, Allows Use of SPP91000 on Wheels Without an Outer Lip

Magnetic Adjustable Camber Gauge SPP81139

Portable, accurate, and cost effective, camber gauge is housed in a durable, non-magnetic casing with a magnetic head that attaches firmly to the rotors or spindle.



Adjustable Upper Control Arms

Fully adjustable upper control arms are assembled using offset racing pivot assemblies with low-friction Delrin inserts for smooth, responsive suspension movement. Arms also utilize chrome moly steel or billet aluminum cross shaft with threaded ends, adjustable sleeve, new locknut and washer components, and ball joint plate.

Part No.	Description	Cross Shaft	Sleeve Length	Sleeve Adjustment	Ball Joint Plate
SPP92242	Upper Control Arm	6"/Steel	3-3/4"	7"-9"	Chrysler Screw-In 10°
SPP92244	Upper Control Arm	6"/Steel	3-3/4"	7"-9"	GM Full-Size Bolt-In
SPP92252	Upper Control Arm	6"/Steel	5"	8-1/4"-10"	Chrysler Screw-In 10°
SPP92254	Upper Control Arm	6"/Steel	5"	8-1/4"-10"	GM Full-Size Bolt-In
SPP92342	Upper Control Arm	6"/Alum.	3-3/4"	7"-9"	Chrysler Screw-In 10°
SPP92344	Upper Control Arm	6"/Alum.	3-3/4"	7"-9"	GM Full-Size Bolt-In
SPP92352	Upper Control Arm	6"/Alum.	5"	8-1/4"-10"	Chrysler Screw-In 10°
SPP92354	Upper Control Arm	6"/Alum.	5"	8-1/4"-10"	GM Full-Size Bolt-In
SPP92542	Upper Control Arm	6-15/16"/Steel	3-3/4"	7"-9"	Chrysler Screw-In 10°
SPP92546	Upper Control Arm	6-15/16"/Steel	3-3/4"	7"-9"	GM Mid-Size Metric
SPP92552	Upper Control Arm	6-15/16"/Steel	5"	8-1/4"-10"	Chrysler Screw-In 10°
SPP92556	Upper Control Arm	6-15/16"/Steel	5"	8-1/4"-10"	GM Mid-Size Metric
SPP92646	Upper Control Arm	7-3/4"/Steel	3-3/4"	7"-9"	GM Mid-Size Metric
SPP92656	Upper Control Arm	7-3/4"/Steel	5"	8-1/4"-10"	GM Mid-Size Metric



Upper Control Arm Replacement Components

Part No.	Description
SPP92025	Offset Race Pivot Assembly, Delrin Inserts
SPP97100	High-Strength Rod End, 2-Pc., 5/8" Bore x 3/4"-16 LH



Extended Length Ball Joints

Greasable, OEM-style ball joints feature .500" extended length to improve camber gain and increase control arm to frame clearance.

Part No.	Moog Equivalent Part No.	Description
SPP94016	K5103.5	Lower Ball Joint, GM "A" Body
SPP94018	K6145.5	Lower Ball Joint, GM "G" Body
SPP94017	K5208.5	Upper Ball Joint, GM Mid-Size, Bolt-In, Metric Plate
SPP94019	K5108.5	Upper Ball Joint, GM "A" Body; '67-69 "F" Body



OEM-Style Ball Joints

OEM-style, greasable ball joints are available for a variety of popular applications.

Part No.	Moog Equivalent Part No.	Description
SPP94001	K5108	Early GM Metric
SPP94002	K772	Upper Ball Joint, Screw-In Chrysler
SPP94003	K6034	Upper Ball Joint, Bolt-In GM C2/C3 Corvette; '55-57
SPP94004	K6024	Upper Ball Joint, Bolt-In GM Full-Size
SPP94006	K5208	Upper Ball Joint, Bolt-In GM Mid-Size Metric
SPP94007	K6346	Upper Ball Joint, Bolt-In C4 Corvette
SPP94008	K719	Lower Ball Joint, Screw-In Chrysler
SPP94009	K8036	Upper Ball Joint, Ford Mustang
SPP94010	K5103	Lower Ball Joint, GM "A" Body; '67-69 GM "F" Body
SPP94011	K6145T	Lower Ball Joint, '70-81 GM "F" Body; "G" Body



Model LT5 Circle Track Fire Protection System **SFCLT5JAA**

A pull cable-activated system featuring a 5-lb. bottle filled with FE36. System meets strict SCCA requirements and SFI 17.1 certification. The discharge head includes two separate discharge ports, allowing separate lines for the driver and engine. Kit includes white powder-coated charged extinguisher, aluminum mounting bracket, aircraft "T"-bar clamps, 10' of aluminum discharge line, three spray nozzles with fittings, 15' pull cable, and installation hardware.



Model LM Circle Track Fire Suppression System **NEW!** **SFCLM10JGK-125**

Fully automatic system with manual back-up incorporates fast-acting thermal sensors that target high-risk areas remotely located away from the cylinder. System mounts directly to 1-1/4" roll cage tubing, and complies with Unified Dirt Late Model Council specs. Includes white powder coated 10-lb. aluminum cylinder filled with 3M Novec 1230, aluminum mounting bracket, aircraft "T"-bar clamps, (2) sensors, 21" and 85" lengths of discharge hose, and installation hardware.



Model AT Suppression System Components

Part No.	Description
SFCPB3BW	3.0-lb. Fire Extinguisher Cylinder, Black Wrinkle Finish
SFCPB3W	3.0-lb. Fire Extinguisher Cylinder, White Finish
SFCPB5BW	5.0-lb. Fire Extinguisher Cylinder, Black Wrinkle Finish
SFCPB5W	5.0-lb. Fire Extinguisher Cylinder, White Finish
SFC57-1700-FL	Cylinder Bracket, Quick Release, Flat Surface Mount



SFCPB3BW

Model LT10 Circle Track Fire Protection System **SFCLT10JAA**

LT10 system features a lightweight 10-lb. FE36-charged cylinder with compact, billet aluminum discharge head and pull-cable activation. System meets strict SCCA requirements and SFI 17.1 certification. The discharge head includes two separate discharge ports, allowing separate lines for the driver and engine. Sold complete with white powder-coated charged extinguisher, aircraft "T"-bar clamps, 10' of aluminum discharge line, three spray nozzles with fittings, 15' pull cable, and installation hardware.



Model LT Replacement Components

Part No.	Description
SFC54-1230-5	Tube Mount Discharge Nozzle, -4AN, All Agents NEW!
SFC54-1431	Mount Brackets (2), Model LT10, Surface Mount
SFC54-1475-1	Mount "T"-Bolt Clamps (2), Model LT5
SFC54-2001	Aluminum Discharge Tubing Kit, 1/4" O.D. x 10'
SFC54-2002	Steel Discharge Tubing Kit, 1/4" O.D. x 10'
SFC56-1421	Pull Cable Assembly with Safety, 15', All Models
SFC57-1750-FL	Quick Release Bracket, 5-lb. Bottle, Flat Surface Mount NEW!
SFCLT10JA	Replacement 10-lb. Cylinder, Pull Cable Head, Novec 1230 NEW!



Excalibur Forged Steel Crankshafts **NEW!**

Offered for popular small block Chevy applications, Excalibur lightweight crankshafts are manufactured from 4340 non-twist forgings, which have been precision ground, heat treated, and nitrate-hardened for superior wear resistance. Crankshafts weigh 48 lbs. and feature innovative oiling holes that increase the amount of oil traveling from the main to the rod bearings, improving durability.



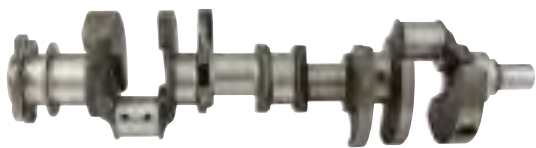
Part No.	Description	Stroke	Rod Length	Rod Journal
SB Chevy 350				
SCA7-350-3480-5700	SB Chevy, Int. Balance, 2-Pc. Seal	3.480"	5.700"	2.100"
SCA7-350-3750-5700	SB Chevy, Ext. Balance, 2-Pc. Seal	3.750"	5.700"	2.100"
SCA7-350-3750-6000	SB Chevy, Int. Balance, 2-Pc. Seal	3.750"	6.000"	2.100"
SCA7-350-3875-6000	SB Chevy, Int. Balance, 2-Pc. Seal	3.875"	6.000"	2.100"
SCA7-350-4000-6000	SB Chevy, Int. Balance, 2-Pc. Seal	4.000"	6.000"	2.100"
SB Chevy 400				
SCA7-400-4000-6000	SB Chevy, Int. Balance, 2-Pc. Seal	4.000"	6.000"	2.100"

JIMMY GARRETSON

JOHNNYB IMAGERY



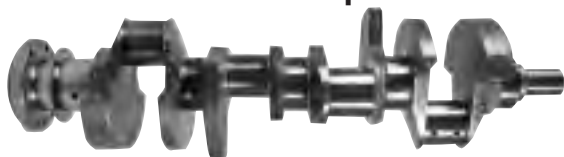
F43 Series 4340 Forged Steel Crankshafts



Forged 4340 steel crankshafts are exceptionally light (just 40-42 lbs.), with pendulum cut and profiled counterweights and gun-drilled main line holes. Crankshafts are nitride hardened for increased wear resistance. Straight shot, chamfered oil holes improve lubrication.

Part No.	Description	Stroke	Rod Length	Rod Journal
SB Chevy 350				
SCA4-350-3480-5700-18LW	Honda Journal, 2-Pc. Rear Seal	3.480"	5.700"	1.888"
SCA4-350-3480-5700-20LW	Sm. Journal, 2-Pc. Rear Seal	3.480"	5.700"	2.000"
SCA4-350-3480-5700-21LW	Large Journal, 2-Pc. Rear Seal	3.480"	5.700"	2.100"
SCA4-350-3500-5700-18LW	Honda Journal, 2-Pc. Rear Seal	3.500"	5.700"	1.888"
SCA4-350-3500-5700-21LW	Large Journal, 2-Pc. Rear Seal	3.500"	5.700"	2.100"
SCA4-350-3750-6000-21LW	Large Journal, 2-Pc. Rear Seal	3.750"	6.000"	2.100"
SB Chevy 400				
SCA4-400-4000-6000-21LW	Large Journal, 2-Pc. Rear Seal	4.000"	6.000"	2.100"

Series 9000 Cast Pro Comp Crankshafts



Crankshafts for mild racing applications have Aero-wing counterweights, fully chamfered oil holes, .125" fillet radius on all journals, shot-peened surfaces for increased strength, knife-edged counterweights, lightening holes in all rod throws, and a full round rear flange. Also available in lightweight versions.

Part No.	Description	Stroke	Rod Length	Rod Journal
SB Chevy 350				
SCA9-350-3480-5700	Pro Comp	3.480"	5.700"	2.100"
SCA9-350-3750-5700	Pro Comp	3.750"	5.700"	2.100"
SCA9-350-3750-5700-L†	Pro Comp	3.750"	5.700"	2.100"
SCA9-350-3750-6000	Pro Comp	3.750"	6.000"	2.100"
SB Chevy 400				
SCA9-400-3500-6000	Pro Comp	3.500"	6.000"	2.100"
SCA9-400-3750-5700	Pro Comp	3.750"	5.700"	2.100"
SCA9-400-3750-6000	Pro Comp	3.750"	6.000"	2.100"
SB Ford 302				
SCA9-302-3400-5400-2123*	Pro Comp	3.400"	5.400"	2.123"
SB Ford 351W				
SCA9-351-385-5955-2311W*	Pro Comp	3.850"	5.955"	2.311"

† 1-piece rear main seal. * Use 28-oz. balancer.



CARLOS PIZZARO

MARCUS BERGLUND

4340 Forged Steel Crankshafts



Cranks are nitride-hardened and straightened, with large fillet radius on all journals for increased lubrication. All rod journals have lightening holes. Each crank has straight shot, back-drilled oiling for maximum efficiency. Available in standard, lightweight, and superlight models. Lightweight cranks are knife-edged and profiled for weight reduction. Superlight cranks feature pendulum undercut counterweights for additional weight reduction. All cranks are micropolished and inspected.

Part No.	Description	Stroke	Rod Length	Rod Journal
SB Chevy 350				
SCA4-350-3480-5700	Standard	3.480"	5.700"	2.100"
SCA4-350-3500-5700-2	Lightweight	3.500"	5.700"	2.100"
SCA4-350-3562-5700-3-20*	Superlight	3.562"	5.700"	2.000"
SCA4-350-3750-5700	Standard	3.750"	5.700"	2.100"
SCA4-350-3750-5700-L†	Standard	3.750"	5.700"	2.100"
SCA4-350-3750-6000	Standard	3.750"	6.000"	2.100"
SCA4-350-3750-6000-2	Lightweight	3.750"	6.000"	2.100"
SCA4-350-3750-6000-3	Superlight	3.750"	6.000"	2.100"
SCA4-350-3875-6000	Standard	3.875"	6.000"	2.100"
SCA4-350-3875-6000-2	Lightweight	3.875"	6.000"	2.100"
SCA4-350-4000-6000	Standard	4.000"	6.000"	2.100"
SB Chevy 400				
SCA4-400-3500-6000	Standard	3.500"	6.000"	2.100"
SCA4-400-3750-5700	Standard	3.750"	5.700"	2.100"
SCA4-400-3750-6000	Standard	3.750"	6.000"	2.100"
SCA4-400-3750-6000-3	Superlight	3.750"	6.000"	2.100"
SCA4-400-3875-6000	Standard	3.875"	6.000"	2.100"
SB Ford 302				
SCA4-302-3000-5090-2123	Standard	3.000"	5.090"	2.123"
SCA4-302-3250-5400-2123	Standard	3.250"	5.400"	2.123"
SCA4-302-3400-5400-2123	Standard	3.400"	5.400"	2.123"
SCA4-302-3400-54-2123-L*	Lightweight	3.400"	5.400"	2.123"
Ford 351C				
SCA4-351C-3500-6000	Standard	3.500"	6.000"	2.100"

* Small rod journal 2.000" crankshaft.

† 1-piece rear main seal.

‡ Internally balanced.

4340 Forged Stock Replacement I-Beam Connecting Rods

Scat forged 4340 I-beam connecting rods are profiled for added clearance and weight reduction. Available in press-fit and bushed versions. Rods are sold in balanced sets of eight.

Part No.	Description	Length	Journal	Pin
SB Chevy				
SCA3-ICR5700	Bushed	5.700"	2.100"	.927"
SCA3-ICR5700P	Press-Fit	5.700"	2.100"	.927"
SCA3-ICR6000	Bushed	6.000"	2.100"	.927"



Replacement/Related Components

Part No.	Description
SCA4AJ1.601-1SLU	ARP 8740 Rod Bolt, 3/8" x 1.600", 12-Point Head
SCA4AJ1.601-2SLU	ARP 2000 Rod Bolt, 3/8" x 1.600", 12-Point Head
SCAB927	Wrist Pin Bushing, SBC/SBF, 0.927" Diameter
SCA4AP1.400-1LU	ARP 8740 Rod Bolt, 7/16" x 1.400", 12-Point Head
SCA4AP1.450-2LU	ARP 2000 Rod Bolt, 7/16" x 1.450", 12-Point Head
SCA4AP1.602-2LU	ARP 2000 Rod Bolt, 7/16" x 1.602", 12-Point Head



4340 Forged Pro Series I-Beam Connecting Rods



Available for Chevy and Ford engines. Rods have dowel pins for precise fit and 12-point ARP cap screws. Available in press-fit and bushed versions. Sold in balanced sets of eight.

Part No.	Description	Length	Journal	Pin
SB Chevy				
SCA2-ICR5700-2000 *	Bushed	5.700"	2.000"	.927"
SCA2-ICR5700A †	Bushed	5.700"	2.100"	.927"
SCA2-ICR5700P	Press-Fit	5.700"	2.100"	.927"
SCA2-ICR5700	Bushed	5.700"	2.100"	.927"
SCA2-ICR5700-7/16 ‡	Bushed	5.700"	2.100"	.927"
SCA2-ICR6000-2000 *	Bushed	6.000"	2.000"	.927"
SCA2-ICR6000-2000-7/16 ‡	Bushed	6.000"	2.000"	.927"
SCA2-ICR6000	Bushed	6.000"	2.100"	.927"
SCA2-ICR6000-7/16 ‡	Bushed	6.000"	2.100"	.927"
SCA2-ICR6000-7/16A †	Bushed	6.000"	2.100"	.927"
SCA2-ICR6000A †	Press-Fit	6.000"	2.100"	.927"
SCA2-ICR6200-7/16 ‡	Bushed	6.200"	2.100"	.927"
SCA2-ICR6125-2000-7/16 ‡	Bushed	6.125"	2.100"	.927"
SB Ford				
SCA2-ICR5400-7/16 ‡	Bushed (Chevy Pin)	5.400"	2.123"	.927"
SCA2-ICR5400-927	Press-Fit (Chevy Pin)	5.400"	2.123"	.927"

* Premium Pro Comp rods with 7/16" fasteners.

* Small rod journal 2.000" crankshaft

† Signifies rod with ARP 2000 cap screws.

4340 Forged H-Beam Connecting Rods

Profiled H-beam connecting rods are compatible with many popular stroker engines and the doweled caps provide a superb fit. All rods are fitted with ARP bolts and sold in balanced sets of eight.



Part No.	Description	Length	Journal	Pin
SB Chevy				
SCA2-350-5700-2100	Bushed	5.700"	2.100"	.927"
SCA2-350-6000-2100	Bushed	6.000"	2.100"	.927"
SCA2-350-6000-2100A*	Bushed	6.000"	2.100"	.927"
SCA2-350-6000-1888-QLS †‡	Bushed	6.000"	1.888"	.927"
SCA2-350-6000-2000-QLS†‡	Bushed	6.000"	2.000"	.927"
SCA2-350-6125-2100A*	Bushed	6.125"	2.100"	.927"
SCA2-350-6200-2100	Bushed	6.200"	2.100"	.927"
SB Ford 302				
SCA2-302-5400-2123-927	Bushed	5.400"	2.123"	.927"

* Signifies upgraded ARP 2000 cap screws.

† Signifies Ultra Q-Lite Stroker connecting rods.

‡ Signifies rods with Honda journal sizing.

‡ Signifies rods for 2.000" small journal crankshaft.

SFI-Approved Flexplates

Extra-thick flexplates have double-welded ring gears for added strength and are gold anodized for corrosion resistance. Flexplates meet SFI 29.1 specifications.



Part No.	Balance	Tooth	Notes
SB Chevy			
SCAFP-305-SFI	Internal	153	—
SCAFP-350-SFI	Internal	168	—
SCAFP-350L-153-SFI	External	153	1-Pc. Rear Seal
SCAFP-350L-SFI	External	168	1-Pc. Rear Seal
SCAFP-400-SFI	External	168	—
SB Ford			
SCAFP-302-157-SFI	External (28.2 oz.)	157	10.5" Bolt Circle
SCAFP-302E-SFI	External (28.2 oz.)	164	11.5" Bolt Circle
SCAFP-302L-SFI	External (50.5 oz.)	164	11.5" Bolt Circle
SCAFP-302N-SFI	Internal	164	11.5" Bolt Circle



Chassis Headers

Late Model/ Sportsman Headers

Headers fit small block Chevy engines in older Bullitt, GRT, Howe, NASCAR LMS, Shaw, and most IMCA Modifieds. Headers with an "E" suffix have equal length primary tubes. Available for standard exhaust port small block Chevy only.



Standard Part No.	Equal Length Part No.	Crate Motor Part No.	Description	Primary Tube Dia.	Collector Dia. x Length
SCH151†	SCH151E†	—	Headers	1-5/8"	3" x 8"
—	SCH151EL†	SCH151ELCM†	Headers, Long/30" Primaries	1-5/8"	3" x 8"
SCH152	SCH152E	—	Headers	1-3/4"	3-1/2" x 8"
—	SCH152EV	—	"Step" Headers	1-3/4"-1-7/8"	3-1/2" x 9"

† NASCAR LMS legal.

Asphalt Late Model Headers

Conventional Crossover Headers

Conventional crossover-style headers fit Bemco, Hamke, Port City, Lefthander, Coleman, and Howe chassis. Available to fit Chevy and Ford small block engines.



Standard Part No.	"H" Style Part No.	Description	Primary Tube Dia.	Collector Dia. x Length
Small Block Chevy				
SCH135	SCH135H*	Chevy Headers	1-5/8"	3" x 8"
SCH135V	SCH135VH*	"Step" Headers	1-5/8"-1-3/4"	3-1/2" x 8"
SCH135V-3	—	"Step" Headers	1-5/8"-1-3/4"	3" x 8"
SCH136	SCH136H*	Chevy Headers	1-3/4"	3-1/2" x 8"
SCH136V	SCH136VH*	"Step" Headers	1-3/4"-1-7/8"	3-1/2" x 9"
SCH136V18	—	18° "Step" Headers	1-3/4" x 1-7/8"	3-1/2"
SCH136VSP	—	"Step" Headers Spread Port	1-3/4" x 1-7/8"	3-1/2" x 9"

* "H" Style headers fit Howe, Port City, and Stock Clip Cars (#7 tube extended toward the rear and angled for clearance of foot box and chassis bars).

Asphalt Late Model Headers (Cont.)

Crate Motor Crossover Headers

Fits crate engines in Bemco, Hamke, Howe, Lefthander, and Port City Chassis.

Vortec/Fast Burn Part No.	"H" Style Part No.	Description	Primary Tube Dia.	Collector Dia. x Length
SCH135CM	SCH135HCM*	Chevy Headers	1-5/8"	3" x 8"
SCH135CM2**	—	Chevy Headers	1-5/8"	3" x 8"
SCH135VCM-3	SCH135VHCM-3*	"Step" Headers	1-5/8"-1-3/4"	3" x 8"

* "H" Style headers fit Howe, Port City, and Stock Clip Cars (#7 tube extended toward the rear and angled for clearance of foot box and chassis bars).

** 602 Crate

Conventional Crossover Headers

Small block Chevy headers extend away from the cylinder head and wrap behind the engine. Available for standard exhaust port engines only.

Standard Part No.	Crate Motor Part No.	Description	Primary Tube Dia.	Collector Dia. x Length
Lower RH Door Exit				
SCH145	SCH145CM2**	Chevy Headers	1-5/8"	3" x 8"
SCH145V	—	"Step" Headers	1-5/8"-1-3/4"	3-1/2" x 8"
—	SCH145VCM-3	"Step" Headers	1-5/8"-1-3/4"	3" x 8"
SCH146	—	Chevy Headers	1-3/4"	3-1/2" x 8"
SCH146V	—	"Step" Headers	1-3/4"-1-7/8"	3-1/2" x 9"

** 602 Crate

Tri-Y Crossover Headers SCH135VYCM

For small block Chevy crate motors with Vortec cylinder heads, crossover headers feature a 4-in-to-2-into-1 Tri-Y configuration for increased torque. Headers include "stepped" 1-5/8"-1-3/4" primary tubes and 3" dia. collectors. Fits Hamke, Howe, Lefthander, and Port City chassis.

180° Crossover Headers

"H" series headers fit small block Chevy in Howe, Port City, Lefthander offset chassis, and earlier straight-up models.

"H" Series Part No.	Description	Primary Tube Dia.	Collector Dia. x Length
SCHH180	Chevy Headers	1-3/4"	3-1/2" x 9"
SCHH180V	"Step" Headers	1-3/4"-1-7/8"	3-1/2" x 9"

Lower RH Door Exit

Headers are compatible with a stock bellhousing and use 48" extensions. Applications available to fit standard exhaust port small block Chevy engines.

Part No.	Description	Primary Tube Dia.	Collector Dia. x Length
SCH179-1	Chevy Headers	1-5/8"	3" x 8"
SCH180-1	Chevy Headers	1-3/4"	3-1/2" x 9"

Dirt Late Model Headers

Schoenfeld's headers for small block Chevy-powered Dirt Late Models have long primary tubes for maximum torque and horsepower. Available in traditional and stepped tube design. Stepped tubes increase exhaust velocity, horsepower, and torque. Most headers are available in standard or spread exhaust port. Headers are also available for crate motor applications.

Mastersbilt and Warrior Chassis

Both headers go over the frame.

Standard Chevy Part No.	Crate Motor Part No.	Primary Tube Dia.	Collector Dia. x Length
—	SCH141-505LVGCM-3	1-5/8"-1-3/4"	3" x 8"
SCH142-505LVG	—	1-3/4"-1-7/8"	3-1/2" x 9"

Rocket Chassis/Bernheisel

Both headers go over the frame.

Standard Chevy Part No.	Crate Motor Part No.	Spread Port Part No.	Chevy 18° Part No.	Primary Tube Dia.	Collector Dia. x Length
SCH141-525LV	—	—	—	1-5/8"-1-3/4"	3-1/2" x 8"
—	SCH141-525LVCM-3	—	—	1-5/8"-1-3/4"	3" x 8"
SCH142-525L	—	—	—	1-3/4"	3-1/2" x 8"
SCH142-525LV	—	SCH142-525LVSP	SCH142-525LV18	1-3/4"-1-7/8"	3-1/2" x 9"

American Made, Barry Wright, Bullitt, GRT, Larry Shaw, Raider, Rayburn, Stinger, and TNT Chassis

Both headers go over the frame. Will not fit GRT computer car.

Standard Chevy Part No.	Crate Motor Part No.	Spread Port Part No.	Chevy 18° Part No.	Primary Tube Dia.	Collector Dia. x Length
SCH141-605LVG	—	—	—	1-5/8"-1-3/4"	3-1/2" x 8"
SCH141-605LVG-3	SCH141-605LVGCM-3	—	—	1-5/8"-1-3/4"	3" x 8"
SCH142-605LVG	—	—	—	1-3/4"	3-1/2" x 8"
SCH142-605LVG	—	SCH142-605LVGSP	SCH142-605LVG18	1-3/4"-1-7/8"	3-1/2" x 9"

GM LS Crate Motor in Bullitt, GRT, Shaw, Rayburn or Warrior Chassis

Part No.	Description	Primary Tube Dia.	Collector Dia. x Length
SCH142-605LGLS1	"605" Offset, Bullitt, GRT, Shaw, Rayburn, Warrior	1-3/4"	3-1/2" x 8"

EXHAUST HEADER SUFFIX DESIGNATION GUIDE

Suffix	Description	Suffix	Description	Suffix	Description
V	"Stepped" Primary Tubes	N	Ford "N" Head Application	18	18° Chevy
CM	Crate Motor Application	Y	Tri-Y Header	**	Crate 602
SP	Spread Port Application				

Dirt Late Model Headers (Cont.)

New Design Crate Motor

Specifically designed for Dirt Late Models fitted with popular small block Chevy 602/604 crate motors. The 24" (from head surface to inside of left collector) headers fit Rocket and 2012 Barry Wright chassis, while the 26" fit Barry Wright, Bernheisel, GRT, Larry Shaw, Raider, Rayburn, Mastersbilt, Stinger, TNT, and Warrior.



Crate Motor 24" to I/S	Crate Motor 26" to I/S	Primary Tube Dia.	Collector Dia.
SCH181-406LVGCM2-3**	SCH181-606LVGCM2-3	1-5/8"-1-3/4"	3"
SCH181-406LVGCM-3	—	1-5/8"-1-3/4"	3"
SCH181-406LV3GCM-3	SCH181-606LV3GCM-3	1-5/8"-1-3/4"-1-7/8"	3"
—	SCH182-606LVGCM-3	1-3/4"-1-7/8"	3-1/2"
—	SCH182-606LVGCM-3	1-3/4"-1-7/8"	3"
—	SCH180-606LV23GCM-3	1-1/2"-1-3/4"-1-7/8"	3"

‡ Standard Chevy. ** 602 Crate.

Long Primary Tri-Y Headers

Small block Chevy Tri-Y headers have a four-into-two-into-one configuration for increased torque and horsepower. Sold complete with gaskets and bolts. Fits Rayburn, Mastersbilt, Rocket (will not fit Black front end), and most other chassis.



Standard Part No.	13/15/18° Part No.	Description	Primary Tube Dia.	Collector Dia.
—	SCH14260LVY18	"Step" Headers	1-3/4"-1-7/8"	3-1/2"
SCH14260LV3Y	—	"Step" Headers	1-3/4"-1-7/8"-2"	3-1/2"
—	SCH14360LVY18	"Step" Headers	1-7/8"-2"	3-1/2"
LS1-LS7				
SCH14260LVYLS3	—	Fit Bob Pierce, GRT, Rayburn, Masterbuilt, Larry Shaw, Rocket and most other chassis.	1-3/4"-1-7/8"	3-1/2"x 9"

D.I.R.T. Modified Cab Forward Style Headers

Small block Chevy-powered D.I.R.T. Modified headers use a cab forward design for added muffler clearance. Headers are compatible with Bicknell, Olsen, TEO, and Troyer chassis. Sold complete with gaskets and bolts.



Standard Part No.	Crate Part No.	Spec. Part No.	Description	Primary Tube Dia.	Collector Dia. x Length
—	SCH1122BUCM2*‡	SCH1122BCM2*	Headers	1-5/8"	3" x 8"
SCH1122BV-3	—	SCH1122BVSH-3*‡	Step	1-5/8"-1-3/4"	3" x 8"
SCH1124BV*	—	SCH1122BVUSH-3*	Step	1-3/4"-1-7/8"	3-1/2" x 9"

* D.I.R.T. Sportsman division spec. header.

‡ D.I.R.T. 358 division spec. header. # Std. Chevy flange.

** 602 Crate. ‡ New upswept design.

Modified Headers

Mid-Length Primary Style Headers

Mid-length primary headers for small block Chevy offer a compromise between low-end torque and high-RPM horsepower.



Standard Part No.	Spread Port Part No.	18° Part No.	Description	Primary Tube Dia.	Collector Dia.
Small Block Chevy - Fits Bandit, Dirt Works, GRT, Hoffman, Jet, Shaw, and BMS chassis					
SCH1105	—	—	Chevy Headers	1-5/8"	3"
SCH1105V-3	—	—	"Step" Headers	1-5/8"-1-3/4"	3"
SCH1106	SCH1106SP	—	Chevy Headers	1-3/4"	3-1/2"
SCH1106V	—	SCH1106V18	"Step" Headers	1-3/4"-1-7/8"	3-1/2"

Standard Part No.	Spread Port Part No.	18° Part No.	Description	Primary Tube Dia.	Collector Dia.
Small Block Chevy - Fits Ellis chassis					
SCH1152	—	—	Chevy Headers	1-3/4"	3-1/2"
SCH1152V	—	—	Chevy Headers	1-3/4"-1-7/8"	3-1/2"

Long-Tube Primary Style Headers

Modified headers with longer primary tubes add torque and horsepower. Available for a variety of small block Chevy and small block Ford applications.



Standard Part No.	Crate Part No.	Spread Port Part No.	Chevy 18° Part No.	Description	Tube Dia.	Dia. x Length
Small Block Chevy - Fits BMS, Dirt Works, Hoffman, Jet, KMOD, Bob Pierce, Sardeson, Smiley's, and Victory.						
SCH1185	SCH1185CM2**	—	—	Chevy Header	1-5/8"	3" x 8"
SCH1185V	—	—	—	Chevy "Step" Headers	1-5/8"-1-3/4"	3-1/2" x 8"
—	SCH1185VCM-3	—	—	Chevy "Step" Headers	1-5/8"-1-3/4"	3" x 8"
SCH1186	—	SCH1186SP	—	Chevy Headers	1-3/4"	3-1/2" x 8"
SCH1186V	—	SCH1186VSP	SCH1186V18	Chevy "Step" Headers	1-3/4"-1-7/8"	3-1/2" x 9"

Standard Part No.	Part No.	Spread Port Part No.	Chevy 18° Part No.	Description	Tube Dia.	Dia. x Length
Fits Harris, Skyrocket and Victory						
—	SCH11619HCM	—	—	Chevy Headers	1-5/8"	3" x 8"
—	SCH11619HCM2**	—	—	Chevy Headers	1-5/8"	3" x 8"

Standard Part No.	Description	Primary Tube Dia.	Collector Dia. x Length
Fits BMS, Hughes, Larry Shaw, TRE			
—	Headers	1-5/8"	3" x 8"
SCH1146V	"Step Headers"	1-3/4"-1-7/8"	3-1/2" x 9"

Standard Part No.	Description	Primary Tube Dia.	Dia. x Length
Fits Diamond Chassis			
SCH1126V	"Step Headers"	1-3/4"-1-7/8"	3" x 8"

Standard Part No.	Description	Primary Tube Dia.	Collector Dia. x Length
Small Block Ford - Standard Windsor			
SCH3186	Ford Headers	1-3/4"	3-1/2" x 8"

** 602 Crate.

Long-Tube Headers

IMCA long-tube headers utilizing long primary tubes for improved torque and horsepower. Available for standard and crate motor small block Chevys.



Standard Part No.	Crate Motor Part No.	Primary Tube Dia.	Collector Dia. x Length
Fit Hoffman, Kazzbuilt, MB Customs, Razor and Sidebiter			
SCH1101	SCH1101CM2**	1-5/8"	3" x 8"
—	SCH1101V3CM-3	1-5/8"-1-3/4"-1-7/8"	3" x 8"

** 602 Crate.

EXHAUST HEADER SUFFIX DESIGNATION GUIDE

Suffix	Description	Suffix	Description	Suffix	Description
V	"Stepped" Primary Tubes	N	Ford "N" Head Application	18	18° Chevy
CM	Crate Motor Application	Y	Tri-Y Header	**	Crate 602
SP	Spread Port Application				

Modified Headers (Continued)

Long Tube Headers (LH Straight Out/ RH Rear Exit)

Left-side header is a straight-out style and right-side header is a conventional rear exit. Available for standard and spread port exhaust small block Chevys.

Standard Part No.	Description	Primary Tube Dia.	Collector Dia. x Length
SCH1172	Chevy Headers	1-3/4"	3-1/2" x 8"
SCH1176	Chevy Headers	1-3/4"	3-1/2" x 8"
SCH1176V	"Step" Headers	1-3/4"-1-7/8"	3-1/2" x 9"

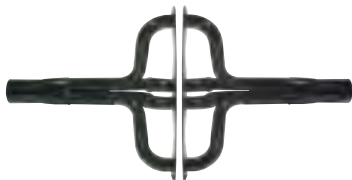
*RH Downswept *RH Upswept

L Series Headers 20-1/4" out on left side.

Standard Part No.	604 Crate Part No.	Description	Primary Tube Dia.	Collector Dia. x Length
Larry Shaw and Victory				
—	SCH1155LCM2	Headers	1-5/8"	3"
—	SCH1155LV3CM-3	"Step" Headers	1-5/8"-1-3/4"-1-7/8"	1-7/8" x 3-1/2"
—	SCH1155LVCM-3	"Step" Headers	1-5/8"-1-3/4"	3"
SCH1156L	—	Headers	1-3/4"	1-3/4" x 3-1/2"
SCH1156LV	—	Step Headers	1-3/4"-1-7/8"	1-7/8" x 3-1/2"

Straight-Out Headers

One-piece headers utilize a straight-out primary tube and collector. Small block Chevy headers are for standard exhaust ports.



Part No.	Description	Primary Tube Dia.	Collector Dia. x Length
SCH161	Chevy Headers	1-5/8"	3" x 8"
SCH162	Chevy Headers	1-3/4"	3-1/2" x 8"

Straight-Out Short Headers

Small block Chevy Modified headers have short primary tubes for crisp throttle response and a flatter torque curve. Available in standard port design.



Standard Part No.	Description	Primary Tube Dia.	Collector Dia. x Length
SCH162B	Chevy Headers	1-3/4"	3-1/2" x 8"

Angle-Back Headers

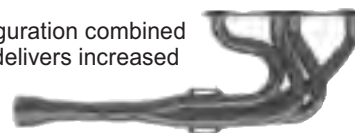
One-piece, angle-back headers fit most popular Modified chassis. Offered for small block Chevys only in standard port design.



Standard Part No.	Description	Primary Tube Dia.	Collector Dia. x Length
SCH172	Chevy Headers	1-3/4"	3-1/2" x 8"
SCH173	Chevy Headers	1-7/8"	3-1/2" x 9"

Tri-Y Headers

Four-into-two-into-one configuration combined with "stepped" primary tubes delivers increased torque. Available for standard, spread port or 18° small block Chevy.



Standard Part No.	Spread Port Part No.	18° Part No.	Description	Primary Tube Dia.	Collector Dia.
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Small Block Chevy - Fits Harris, Hoffman, J-Car, Impressive, Bob Pierce, and Victory chassis

SCH1185VY	—	—	"Step" Headers	1-5/8"-1-3/4"	3"
SCH1186VY	SCH1186VYSP	SCH1186VY18	"Step" Headers	1-3/4"-1-7/8"	3-1/2"

Fits Larry Shaw, J-Car and Elite Chassis

SCH1195VY	—	—	"Step" Headers	1-5/8"-1-3/4"	3"
SCH1196VY	—	—	"Step" Headers	1-3/4"-1-7/8"	3-1/2"

Mid-Length Primary Fits BMS, Dirt Works, GRT, Harris, Hoffman, Jet Racing, and Larry Shaw Chassis.

SCH1106VY	—	SCH1106VY18	"Step" Headers	1-3/4"-1-7/8"	3-1/2"
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Modified Headers (Continued)

Two-Piece Adjustable Headers

Headers have removable collectors and employ a "stepped" primary tube design for increased horsepower and torque. Adjustable feature means existing collectors may be replaced with different slip-over collectors to allow adjustment of engine location.

Description	Primary Tube Dia.	Collector Dia. x Length	LH-Style 6 RH-Style 8	LH-Style 9 RH-Style 8	LH-Style 9H RH-Style 8
Small Block Chevy					
Standard Chevy	1-5/8"-1-3/4"	3" x 8"	—	SCH161-98	SCH161-98H
Standard Chevy	1-3/4"-1-7/8"	3-1/2" x 9"	—	SCH162-98	SCH162-98H
Small Block Ford					
Windsor	1-5/8"-1-3/4"	3" x 8"	—	—	—
Dart/"N" Head	1-3/4"-1-7/8"	3-1/2" x 9"	SCH362-68N	—	—

Note: Use chart below as reference for collector styles.

Replacement Adjustable Slip-Over Collectors

Style 3	Style 6	Style 8	Style 9	Style 9H	Tube Dia. I.D.	Collector Dia.	No. of Tubes
SCHS063043	SCHS063046	SCHS063048	SCHS063049	—	1-5/8"	3"	4
SCHS073543	—	SCHS073548	SCHS073549	SCHS073549H	1-3/4"	3-1/2"	4



Street Stock Headers

Camaro/Monte Carlo Headers

Conventional-style headers fit small block Chevys in 1970-81 Camaro/Firebird, 1972-77

Monte Carlo, and 1975-79 Nova (will not fit Chevelle unless specified) with the engine in the stock or set back location. Headers clear side or rear engine mounts, stock clutch linkage, straight or angle plug, and fit standard exhaust port heads. Must use short oil filter such as WIX51069 or ACPF24. Sold complete with gaskets and bolts.



SCH166

Standard Part No.	Crate Motor Part No.	Description	Primary Tube Dia.	Collector Dia. x Length
SCH165A	SCH165ACM SCH165ACM2**	Chevy Headers	1-5/8"	3" x 8"
SCH165VA	—	Chevy "Step" Headers	1-5/8"-1-3/4"	3" x 8"
SCH166A	—	Chevy Headers	1-3/4"	3-1/2" x 8"
SCH166†	—	Chevy Headers	1-3/4"	3-1/2" x 8"
SCH386N+	—	Small Block Ford Header	1-3/4"	3-1/2" x 8"

† Also fits 1964-77 Chevelle. ** 602 crate

+ Fits wide Dart bolt pattern and "N" head

Stock Clip Over Frame Rails Headers

Headers exit over the frame rails and are not compatible with stock firewalls. Small block Chevy headers fit standard exhaust ports only and are compatible with straight- or angle-plug cylinder heads. Sold complete with bolts and gaskets.



Part No.	Description	Primary Tube Dia.	Collector Dia. x Length
SCH122	Chevy Headers	1-3/4"	3-1/2" x 8"
SCH126*	Chevy Headers, RH Rear Exit	1-3/4"	3-1/2" x 8"
SCH155	Chevy Headers, Exit at 45° Angle	1-5/8"	3" x 8"
SCH155V	Chevy "Step" Headers	1-5/8"-1-3/4"	3-1/2" x 8"
SCH156	Chevy Headers, Exit at 45° Angle	1-3/4"	3-1/2" x 8"
SCH155V-3	Chevy Step Headers	1-5/8"-1-3/4"	3" x 8"
SCH156VLS1	Chevy LS1-LS7 Step Headers	1-3/4"-1-7/8"	3-1/2" x 9"
SCH156V18	Chevy 18° "Step" Headers	1-3/4"-1-7/8"	3-1/2" x 9"
SCH356VN†	Ford Headers	1-3/4"-1-7/8"	3-1/2" x 9"

* Will not fit with stock A-frames. † Fits Dart wide bolt pattern and Sportsman "N" head.

GM "A"/"F"/ "G" Body Headers

Popular street stock headers fit small block Chevy engines in 1972-87 GM "A"/"G" Body (Malibu/Monte Carlo/Grand Prix/Regal/Cutlass) as well as 1970-81 Chevy Camaro/Pontiac Firebird "F" body. Headers clear side and rear engine mounts, and fit straight or angle plug, standard exhaust port cylinder heads. Must use short (FRAPH30) oil filter.



Standard Part No.	Spread Port Part No.	Crate Motor Part No.	Description	Primary Tube Dia.	Collector Dia. x Length
SCH185	—	SCH185CM SCH185MCM2**	Chevy Headers	1-5/8"	3" x 8"
SCH185M*	—	SCH185MCM	Chevy Headers	1-5/8"	3" x 8"
SCH185V	—	SCH185VCM	"Step" Headers	1-5/8"-1-3/4"	3" x 8"
SCH186	—	—	Chevy Headers	1-3/4"	3-1/2" x 8"
—	—	SCH186CM	Chevy Headers	1-3/4"	3-1/2" x 9"
SCH186V	—	—	"Step" Headers	1-3/4"-1-7/8"	3-1/2" x 9"
SCH186-3	—	—	Chevy Headers	1-3/4"	3" x 8"
SCH186M-3†	—	—	Chevy Headers	1-3/4"	3" x 8"
SCH187	—	—	Chevy Headers	1-7/8"	3-1/2" x 9"
—	SCH187SP	—	Chevy Headers	1-7/8"	—

* Must use short oil filter. Will clear stock manual clutch linkage ball.

** 602 crate † Fits 1970-81 Camaro. Must use short oil filter. Will clear stock manual clutch linkage ball.

Street Stock Headers (Cont.)

Stock Clip Fender Exit Headers

Eliminates clearance problems when using chassis-style headers on 1970-81 Camaro and 1978-82 GM metric clip cars. Small block Chevy over-the-frame style headers exit out at mid-fender and are compatible with the stock firewall and upper A-frames with the engine in the stock location.



Part No.	Description	Primary Tube Dia.	Collector Dia. x Length
SCH103	1970-81 Camaro Headers	1-5/8"	3" x 8"
SCH104	1970-81 Camaro Headers	1-3/4"	3-1/2" x 8"
SCH107	1978-82 GM Metric Headers	1-5/8"	3" x 8"
SCH108	1978-82 GM Metric Headers	1-3/4"	3-1/2" x 8"

Stock Car Headers

Stock car headers route inside the frame rails, yet have no clearance issues with oil filter, spark plugs, starter, kick-out oil pan, rear mounts or valve covers. Designed for small block Chevys, headers clear firewall that is minimum 7" from rear of block. Compatible with Harris, Jet, and Victory chassis. Sold complete with bolts and gaskets.



Part No.	Description	Primary Tube Dia.	Collector Dia. x Length
SCH195	Chevy Headers	1-5/8"	3" x 8"
SCH195V-3	Chevy "Step" Headers	1-5/8"-1-3/4"	3" x 8"
SCH196-3	Chevy Headers	1-3/4"	3" x 8"
SCH197V-3	Chevy "Step" Headers	1-5/8"-1-3/4"	3" x 8"
SCH196V	Chevy "Step" Headers	1-3/4" x 1-7/8"	3-1/2" x 9"

2000/2300cc 4-Cyl. Ford Pinto Headers

Schoenfeld offers several different headers with stepped primaries which increase exhaust velocity for added horsepower and torque with the popular 2000/2300cc Ford engines.

Tri-Y Headers

Tri-Y headers include "stepped" primary tubes and a Tri-Y, four-into-two-into-one configuration for added torque and horsepower. Fits 2300cc engines only. Sold complete with bolts and gaskets.



Part No.	Description	Primary Tube Dia.	Collector Dia.
SCHF232VY	Tri-Y Header	1-1/2"-1-5/8"	3"
SCHF233VY	Tri-Y Header	1-5/8"-1-3/4"	3"

"Pro Four" Tube Chassis Headers

Headers are engineered for modified chassis-type cars.



2000cc Part No.	2300cc Part No.	Description	Primary Tube Dia.	Collector Dia. x Length
—	SCHF234V	"Step" Header	1-1/2"-1-5/8"	3" x 8"
SCHF205V	SCHF235V	"Step" Header	1-5/8"-1-3/4"	3" x 8"

Production Chassis Headers

Headers are engineered for production chassis including 2.3L-powered Pinto or Mustang.



2300cc Part No.	Description	Primary Tube Dia.	Collector Dia. x Length
SCHF238V	"Step" Header	1-1/2"-1-5/8"	3" x 8"
SCHF239V	"Step" Header	1-5/8"-1-3/4"	3" x 8"

Mod-Lite/Dwarf Tri-Y Header SCHML11703RVY

Description	Primary Tube Dia.	Collector Dia.
2007-08 Suzuki GSXR 1000 Step Header	1-1/2" - 1-5/8"	2"



IMCA Spec Mufflers

Part No.	Description	Length	Weight
SCHIMCA609	IMCA Spec Muffler	6"	1.28 lbs.
SCHIMCA930	IMCA Spec Muffler	9"	1.95 lbs.
SCHIMCA935	IMCA Spec Muffler	9"	2.30 lbs.



Insert Mufflers

Lightweight 4" long mufflers insert into exhaust tubing or collector. Perfect quick fix when car is too loud!

Part No.	Description
SCH42530	2.5" Core Fits 3" Collector
SCH43035	3" Core Fits 3.5" Collector
SCH43540	3.5" Core Fits 4" Collector



Anti-Reversion Racing Mufflers

Innovative mufflers incorporate a special chamber to prevent exhaust reversion.

Part No.	Length	Inlet Dia.	Outlet Dia.	Body Dia.
SCH112530AR	11"	3"	3-1/2"	4"
SCH112735AR	11"	3-1/2"	3-1/2"	4"



Racing Mufflers

Part No.	Length	Core Dia.	Inlet Dia.	Body Dia.	Special Notes
SCH63030	6"	3"	3"	3-1/2"	
SCH63535	6"	3-1/2"	3-1/2"	4"	—
SCH83030	8"	3"	3"	3-1/2"	—
SCH83535	8"	3-1/2"	3-1/2"	4"	—
SCH92535	9"	3-1/2"	3-1/2"	4-3/8"	—
SCH103535K	10"	3"	3-1/2"	4"	—
SCH112530	11"	2-1/2"	3"	4"	305 Sprint
SCH112535	11"	2-1/2"	3-1/2"	4-3/8"	Mandatory @ Allstars, ASCS and WoO Sprints
SCH113035	11"	3"	3-1/2"	—	—
SCH123535	12"	3-1/2"	3-1/2"	4"	—
SCH183535	18"	3-1/2"	3-1/2"	4"	—
SCH14272535	14"	3-1/2"	3-1/2"	4-1/2"	California Approved
SCH14272735-78	14"	3-1/2"	3-1/2"	4-1/2"	95 Db.



Header Gaskets

The same gaskets that are packed with Schoenfeld headers. Sold individually.

Part No.	Description
SCH01501	SB Chevy, 1-5/8" Square
SCH01511	SB Chevy, 1-3/4" "D" Port
SCH0152	SB Chevy, Stahl Pattern
SCH01530	SB Chevy, Brodix 18° Spread Port, 7 Bolt
SCH01533	SB Chevy, Brodix Spread Port "D" Shape
SCH01560	SB Chevy, Crate Motor
SCH01562	SB Chevy 602 Crate Motor
SCH01570	SB Chevy Brodix Track 1/Spec Head
SCH01590	SB Chevy SB2
SCH01780	SB Chevy Gen. III LS1
SCH03500	SB Ford 289-351W, GT-40
SCH03520	SB Ford SVO "N"/Dart
SCHFG23	Ford 4 Cyl. 2300



Header Bolts

Part No.	Description
SCH3002-16	33/8"-16 x 1"L x 5/16" Hex Head, 16-Pack NEW!
SCH3005-8	10 mm x 22 mm, 2300cc Pinto, 8-Pack
SCH3006-12	3/8" x 3/4"L x 5/16" Hex Head, 12-Pack
SCH3006-14	3/8" x 3/4"L x 5/16" Hex Head, 14-Pack
SCH3006-16	3/8" x 3/4"L x 5/16" Hex Head, 16-Pack



Header Flanges

Part No.	Description	Tube Dia.	Port Shape
SCH0101	SB Chevy 23° (Inner Alum. Adapter Plate)	1-1/4"	Round
SCH0119	SB Chevy Brodix Spread Port	1-3/4"	"D"
SCH0136	SB Chevy SB2	2"	SAP
SCH0144	SB Chevy Stahl, Outer Flange	1-7/8"	Round



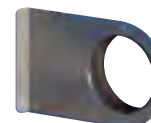
Crossover Tailpipe Kit **NEW!** SCH3035K

All inclusive, crossover tailpipe kit includes (1) SCH3042 3" dia. 42° elbow, (1) SCH3031 3" dia. 30° elbow, (1) SCHY3035 3" in/3-1/2" out Y-collector, (1) SCH3590 3-1/2" dia. 90° elbow, (1) SCH360035 3-1/2" dia. x 36" long collector extension, and (2) SCH4003-6 header tab kits.



Tailpipe Savers

Attaches to body panel neatly, protecting exhaust outlet from damage.



Description	Black Powder-Coated Part No.	Silver Powder-Coated Part No.
3" Single Outlet	—	SCH300TSS
3" Dual Outlet	SCH300TSB-2	—
3-1/2" Single Outlet	—	SCH350TSS
4" Single Outlet	SCH400TSB	SCH400TSS
3-1/2" Single Outlet, 45°	—	SCH350TSS-45
4" Single Outlet, 45°	SCH400TSB-45	SCH400TSS-45
5" Single Outlet	SCH500TSB	SCH500TSS

Slip-On 4-Tube Merge Collector **NEW!**

SCHSOM82530

Merge collector slips over 1-7/8" primary tubing, features a 2-1/2" dia. merge and 3" dia. outlet. Sold each.



Slip-On 4-Tube Collectors

Part No.	Description
SCHS003541	Fits 2" Primaries, 3-1/2" Collector
SCHS063041	Fits 1-5/8" Primaries, 3" Collector
SCHS073041	Fits 1-3/4" Primaries, 3" Collector
SCHS073541	Fits 1-3/4" Primaries, 3-1/2" Collector
SCHS083541	Fits 1-7/8" Primaries, 3-1/2" Collector



Collector Flanges

Part No.	Description
SCH250CR	3-Hole, 2-1/2" I.D.
SCH300CR	3-Hole, 3" I.D.
SCH350CR	3-Hole, 3-1/2" I.D.



X Collector

Diameter	3" Out	3-1/2" Out
3" In	SCHX3030	—
3-1/2" In	—	SCHX3535



Y Collector

Diameter	3-1/2" Out	4" Out	5" Out
3" In	SCHY3035	SCHY3040	SCHY3050
3-1/2" In	SCHY3535	SCHY3540	SCHY3550



Turn-Outs

Angle the exit of exhaust in any direction.

Part No.	Size	Length
SCH2525	2-1/2"	10"
SCH2525-3	2-1/2"	10"
SCH3023	3"	4-1/4"
SCH3025	3"	10"
SCH3026	3"	15-1/2"
SCH3523	3-1/2"	4-1/2"
SCH3524	3-1/2"	8"
SCH3525	3-1/2"	10"
SCH4025*	4"	10-1/2"
SCH5025	5"	12"

* Aluminized



Collector Extensions

Extensions are typically used to increase bottom-end torque.

Description	12" Length	24" Length	30" Length	36" Length	48" Length
2-1/2"	—	SCH240025	—	—	SCH480025
3" Dia.	SCH120030	SCH240030	—	SCH360030	SCH480030
3-1/2" Dia.	SCH120035	SCH240035	SCH300035	SCH360035	SCH480035
4"	—	SCH240040	SCH300040	SCH360040	—
5"	—	SCH240050	—	—	—

Header Tab Kit

Typically used to secure slip-on collectors to headers, or to secure collector extensions to collectors. Two tab sets per collector are recommended.



SCH4003-4

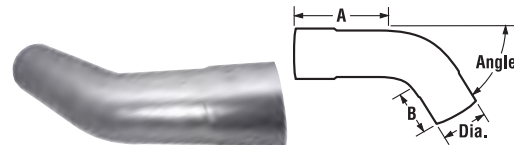
Part No.	Description
SCH4000-6*	(6) Bolts, (6) Lock Nuts and (12) Washers, Works for Collectors on Tri-Y Headers
SCH4003-4	Kit Includes (8) Tabs, (4) Bolts, (4) Lock Nuts and (8) Washers
SCH4003-6	Kit Includes (12) Tabs, (6) Bolts, (6) Lock Nuts and (12) Washers

* Required when attaching collectors to Tri-Y headers.

Slip-Together Reducers

Used to join collector to muffler or other exhaust components.

Part No.	I.D.	O.D.
SCH2530	3"	2-1/2"
SCH2535	3-1/2"	2-1/2"
SCH3030	3"	3"
SCH3035	3-1/2"	3"
SCH3530	3"	3-1/2"
SCH3535	3-1/2"	3-1/2"
SCH4035	4"	3-1/2"



Elbows

Part No.	Dia.	Angle	Center Line Radius	"A" Length	"B" Length
SCH2545	2-1/2"	45°	5-1/4"	6-1/2"	5"
SCH2590	2-1/2"	90°	5-1/4"	5-3/4"	5-3/4"
SCH3031	3"	30°	4"	6-1/2"	6-3/4"
SCH30310	3"	30°	5"	2"	7"
SCH3032	3"	30°	4"	15-1/2"	6"
SCH3042	3"	42°	4"	10"	10"
SCH3045	3"	45°	4"	5"	6"
SCH3081	3"	80°	5"	1-5/8"	5"
SCH3090	3"	90°	4"	5"	5-1/4"
SCH3091	3"	90°	5"	2"	2-1/2"
SCH35310	3-1/2"	30°	5"	2"	6"
SCH3531	3-1/2"	30°	5"	6-1/4"	6"
SCH3532	3-1/2"	30°	5"	15-1/2"	6"
SCH3542	3-1/2"	42°	5"	10"	10"
SCH3545	3-1/2"	45°	5"	6-1/2"	3-1/2"
SCH3560	3-1/2"	60°	5"	6"	1-1/2"
SCH3590	3-1/2"	90°	5"	5-1/4"	2-3/4"
SCH3591	3-1/2"	90°	5"	2"	2-1/2"
SCH4045	4"	45°	6"	3"	3"
SCH4090	4"	90°	6"	3"	3"
SCH5045	5"	45°	6"	6"	6"
SCH5090	5"	90°	5"	1-1/2"	1-1/2"

U-Bends

Made of 18-gauge steel with 9" legs.

Part No.	Description
SCH016218U	1-5/8" O.D.
SCH017518U	1-3/4" O.D.
SCH018718U	1-7/8" O.D.
SCH020018U	2" O.D.



Miscellaneous Bends

Approximately 36 feet of bends, useful for header or exhaust system fabrication. Weighs 45 lbs.

Part No.	Description
SCHMB175	1-3/4" Diameter
SCHMB187	1-7/8" Diameter



Endurance Series Shaft-Mount Rocker Arms

Made to endure the most demanding racing applications, Endurance Series shaft-mount rocker arms offer optimal valvetrain performance and geometry, and an average weight savings of 28 grams over Race series rocker arms. Narrow-body rocker arms are CNC-machined from aircraft-grade aluminum and incorporate centerless-ground shafts and a full compliment of needle bearings. Sold complete with rocker arms, rocker shafts, and necessary hardware.



Part No.	Description
SPN3500	Small Block Chevy 265-400, 1.5/1.5 Ratio
SPN3502	Small Block Chevy 265-500, 1.6/1.6 Ratio
SPN3503	Small Block Chevy 265-400, 1.65/1.65 Ratio NEW!
SPN3504	Small Block Chevy 265-400, 1.7/1.7 Ratio NEW!
SPN3508	Small Block Chevy 265-400, 1.5/1.6 Ratio
SPN3902	Small Block Chevy 265-400, 1.6/1.6 Ratio, AFR 23° Head NEW!
SPN3925	Small Block Chevy 265-400, 1.65/1.5 Ratio, AFR 23° Head NEW!



Race Series Aluminum Roller Rocker Arms

Blue anodized rocker arms have needle bearing fulcrum assemblies, wide contact roller tips, and locking nuts. Sold in sets of 16. May also be purchased individually (add -1 at the end of the part number).



Part No.	Description
Small Block Chevy 265-400	
SPN1000	1.5 Ratio, 3/8" Stud
SPN1001	1.5 Ratio, 7/16" Stud
SPN1002	1.6 Ratio, 3/8" Stud
SPN1003	1.6 Ratio, 7/16" Stud
SPN1009	1.65 Ratio, 7/16" Stud
SPN1011*	1.5 Ratio, 7/16" Stud, .150" Offset
SPN1028	1.5/1.6 Ratio, 7/16" Stud
SPN1035	1.5 Ratio, 3/8" Stud, Self-Aligning
SPN1036	1.6 Ratio, 3/8" Stud, Self-Aligning
SPN1037	1.5 Ratio, 3/8" Stud, Narrow Body
SPN1038	1.6 Ratio, 3/8" Stud, Narrow Body
SPN1084	1.5/1.6 Ratio, 3/8" Stud, Narrow Body, Self-Aligning
SPN3028	1.5/1.6 Ratio, 7/16" Stud, Endurance Series

* Set includes (8) straight exhaust rockers, (4) left offset intake rockers, and (4) right offset intake rocker arms.

Part No.	Description
Small Block Chevy Gen. III LS	
SPN1062	L92/LS9/LS3, 1.7 Ratio, Pedestal Mount, Non-Adjustable
SPN1098	LS1/LS2/LS6, 1.7 Ratio, Pedestal Mount, Non-Adjustable
Small Block Ford 289-351W	
SPN1017	1.6 Ratio, 3/8" Stud
SPN1018	1.6 Ratio, 7/16" Stud
SPN1019	1.72 Ratio, 3/8" Stud
SPN1020	1.72 Ratio, 7/16" Stud
SPN1021	1.6 Ratio, Pedestal Mount
SPN1022	1.72 Ratio, Pedestal Mount
SPN1061	1.65 Ratio, 7/16" Stud "N" Head
Replacement Poly Locks	
SPNPL38-4	3/8" Poly Lock, 4-Pack
SPNPL716-4	7/16" Poly Lock, 4-Pack



Profi 2X2 NEW!

Constructed entirely of 2" webbing, the ideal setup for HANS/HNR users. Lap and sub belts may be used with bolt-in or snap-in end fittings, while the shoulder belts may be wrapped around the roll bar. Offered in 5- or 6-point configurations with choice of pull-up or pull-down lap adjust, harnesses meet SFI 16.1 specifications. Offered in black only.

Part No.	Description
SRBSR91152PD0-5	5-Point Harness, Pull-Down Lap Adjust
SRBSR91152PD0-6	6-Point Harness, Pull-Down Lap Adjust
SRBSR91152PU0-5	5-Point Harness, Pull-Up Lap Adjust
SRBSR91152PU0-6	6-Point Harness, Pull-Up Lap Adjust



Latch Link III-5H

Latch Link 5-point competition harnesses include HANS specific 2"/3" shoulder belts, central latch system, 3" lap belts, and sub strap. Meets stringent SFI 16.1 specifications. Lap and shoulder belts include 3-bar slides for wrap-around mounting. Black only.

Part No.	Description
SRBSR71050H	5-Point Harness, Fixed Sub Belt, LH Pull-Up Adjust
SRBSR71750H	5-Point Harness, Fixed Sub Belt, Double Pull-Up Adjust
SRBSR76050H	5-Point Harness, Fixed Sub Belt, LH Pull-Down Adjust
SRBSR76751H	5-Point Harness, Adjustable Sub Belt, Double Pull-Down Adjust



Latch Link III-5 SRBSR71750D

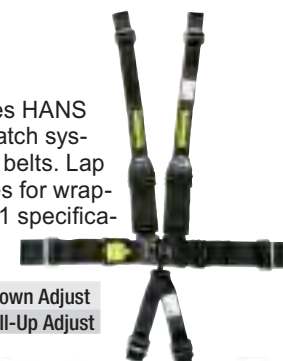
Latch Link 5-point competition harness is complete with 3" shoulder belts, central latch system, 3" lap belts with double pull-up adjust, and fixed sub strap. Lap and shoulder belts include 3-bar slides for wrap-around style mounting. Meets SFI 16.1 specifications.



Latch Link III-6H

Competition 6-point harness includes HANS specific 2"/3" shoulder belts, central latch system, 3" lap belts, and dual submarine belts. Lap and shoulder belts include 3-bar slides for wrap-around style mounting. Meets SFI 16.1 specifications. Black only.

Part No.	Description
SRBSR76560H	6-Point Harness, RH Pull-Down Adjust
SRBSR71760H	6-Point Harness, Double Pull-Up Adjust



Flexi 2X2

Professional style racing harness includes FHR 2" shoulder belts, 2" lap belts, and a T-bar adjustable submarine belt. Flexi 2X2 lap belts may be changed from pull-up to pull-down by simply re-wrapping the lap hardware. Sold complete with snap-in attachments for lap and sub belts. Meets stringent FIA and SFI 16.1 specifications.

Description	Black	Red
Flexi 2X2 6-Pt. Harness	SRBSR94530-0	SRBSR94530-2



Profi II-6H

Schroth's most popular competition harness. Profi II-6H 6-point harness utilizes 3" shoulder belts, RFR Rotary Buckle latch system, 3" lap belts, and dual sub straps. Meets stringent FIA (unless specified) and SFI 16.1 specifications. Shoulder belts include 3-bar slides for wrap-around mounting. Offered in HANS-specific with 2"/3" shoulder belts. Black only.



Part No.	Description
SRBSR94530-0	6-Point Harness, HANS Specific, Snap-On Lap and Anti-Sub, Pull-Up or Pull-Down Adjust
SRBSR91143NC*	6-Point Harness, Pull-Down LH-RH, HANS Specific

* Does not meet FIA requirements.

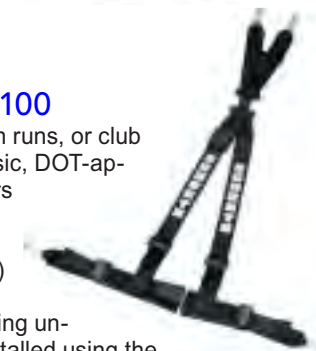
Enduro 2X2 NEW! SRBSR94510-0

Six-point harness combines FHR specific 2" shoulder belts, 2" lap belts and a T-bar adjustable sub strap. Integrated into the lap belt buckle attachments, "ZIP Adjuster" helps optimize adjuster position for perfect tightening. All points are wrapped in and may be used with snap-in or bolt-in end fittings. Black only.



Rallye 4 ASM SRBSR16100

Perfect for autocrosses, canyon runs, or club racing, the Rallye 4 ASM is a basic, DOT-approved 4-point harness that offers improved safety over the factory installed seat belts. Harness features ASM (Anti-Submarining) technology that utilizes an extra flap of material that prevents sliding underneath the lap belt. May be installed using the OEM mounting locations. Black only.



Harness Pads NEW! SRBSR09119

Pads provide a soft cushion between harness webbing and driving suit, increasing driver comfort. Black pads, sold per pair, include silver Schroth Racing patch.



Competition Harness Installation Hardware

Part No.	Description
SRBSR01324	Rally End Kit with Bolts and Washers
SRBSRB15	Snap-On Bracket NEW!
SRBSRB23C	Bolt-In Bracket, Bendable
SRBSRLV10.A	Slide Adjuster, 3-Bar for 2" Belt
SRBSRLV7NC	Slide Adjuster, 3-Bar for 3" Belt
SRBSRSG22	Eye Bolt, 7/16" Dia. x 1.5" Long
SRBSRSG39	Reinforcement Plate with 7/16" Nut



SRBSR01324

SHR Evo Frontal Head Restraint NEW! SRBSR422E3-20L

Lightweight and effective, the affordable Evo frontal head restraint features a 20° angle, and utilizes a sliding tether for an exceptional range of motion while fixed winglets keep the harness secured. Sold complete with sliding tether and helmet posts. Meets SFI 38.1 specifications.



Part No.	Description
SRBSR422E2-20M	Medium
SRBSR422E3-20L	Large

SHR Flex Frontal Head Restraint

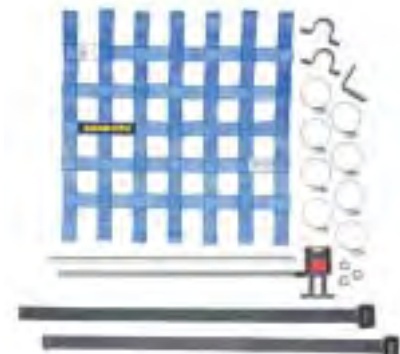
Designed with safety, comfort, and ease of use in mind, the SHR Flex is manufactured from high-strength carbon-reinforced materials, while maintaining an affordable price. The frontal head restraint features an angle-independent design and a small, low collar that allows compatibility with any seating angle. The floating tether allows a full range of head motion to the left or right, while providing increased side stability. The SHR Flex meets SFI 38.1 specifications and is sold complete with helmet posts that connect directly to the M6 nuts.



Part No.	Description
SRBSR42602A-SFI	Medium (Up to 16" Neck) with Pads
SRBSR42603A-SFI	Large (Over 16" Neck) with Pads
SRBSR00056-0	SHR Flex Helmet Hardware

Window Nets

Schroth Racing Window Nets meet all SFI, FIA, and NASCAR standards. Offered with or without hardware.



Description	Black	Blue
Window Net Kit, 16" x 16"	SRBSR09043-0	SRBSR09043-1
Window Net Only, 16" x 16"	SRBSR09053-0	—
Window Net Kit, 20" x 18-1/2"	—	SRBSR09045-1
Window Net Only, 20" x 18-1/2"	SRBSR09055-0	—

5-Gallon Utility Jugs

Square 5-gallon jug eliminates wasted space and fits flush against upright surfaces. Molded handle bleeds air into jug for quick pouring, and is positioned for balance and control.

Color	Each Part No.	Case of 6 Part No.
Blue	SCR2000B	SCR2000B-CASE
Dark Blue	SCR2000DB	SCR2000DB-CASE
Clear	SCR2000W	SCR2000W-CASE
Green	SCR2000G	SCR2000G-CASE
Glow Green	SCR2000GG	SCR2000GG-CASE
Glow Pink	SCR2000GP	SCR2000GP-CASE
Black	SCR2000K	SCR2000K-CASE
Orange	SCR2000O	SCR2000O-CASE
Purple	SCR2000P	SCR2000P-CASE
Red	SCR2000R	SCR2000R-CASE
Yellow	SCR2000Y	SCR2000Y-CASE



Part No.	Description
Jug Accessories	
SCR5221	Replacement Cap
SCR5222	Gasket
SCR5223	Replacement Vent
SCR5224	3/4" Pipe Plug
SCR5225	18" Screw-In Filler Hose
SCR5230	Jug Maintenance Kit, Includes (3) SCR5222 Gaskets and (3) SCR5223 Vents

3-Gallon Utility Jugs **NEW!**

Durable, molded plastic utility jugs are now available in a smaller 3-gallon capacity. Square jugs, are 9-1/2" x 9-1/2" x 16" tall to save space, and sit flush against upright flat surfaces. Offered in a variety of colors, jugs are sold each or in cases of four.

Color	Each Part No.	Case of 4 Part No.
Red	SCR2020R	SCR2020R-CASE
Clear	SCR2020W	SCR2020W-CASE
Black	SCR2020K	SCR2020K-CASE
Blue	SCR2020B	SCR2020B-CASE



FDA-Approved 5-Gallon Utility Jugs

Utility jugs are molded from heavy-weight FDA polyethylene, allowing them to be safely used for drinking water or food storage. Square, 9-1/2" x 9-1/2" x 21" tall 5-gallon jugs are impervious to automotive fluids or agricultural chemicals and feature a large 2.7" opening to ease filling or dispensing. Heavy-duty cap accepts 3/4" NPT accessories. Covered by a 5-year warranty against leaks, splitting, or cracks.



Part No.	Description
SCR2310	5-Gallon Water Jug
SCR2315	5-Gallon Camo Green Jug
SCR2320	5-Gallon Desert Tan Jug

Funnels

Durable polyethylene funnels are available in round or D-shapes in 14" and 8" sizes. The D-shaped funnel stores more easily and will not roll. Both styles have large lips around the edge to prevent liquids from backing up and out of the funnel.

Part No.	Description
SCR6110R	14" Red D-Shaped Funnel
SCR6112R	14" Red Round Funnel
SCR6113R	8" Red Round Funnel
SCR6114R	8" Red D-Shaped Funnel
SCR6115R	14" Red 45° D-Shaped Funnel
SCR6115Y	14" Yellow 45° D-Shaped Funnel
SCR6119	Red Funnel Filter (115 Micron)



Holley Carburetor Container SCR4150

Perfect for storing and transporting Holley carbs. Two-piece container (base and lid) is molded with threaded inserts to secure carb and cover.



Ford 9" Rear End Case SCR5199

Bolt a Ford 9" third member into the base of this container and fasten the lid in place for safe, dust-free storage. Rugged, easy-to-clean case is durable enough to ship third members or to store spares.



SB Chevy Engine Case SCR5108

Container has two mounts that bolt directly to the block. When the engine is lowered into the bottom half of the case, the back of the case can be fastened to the bellhousing bolt holes and the top half of the container is then secured. Polyethylene container weighs 36 lbs. and is 28" W x 40" L x 30" H.



Transmission Case SCR5198

Heavy-duty polyethylene case accepts four-speed Jerico or B-W T-10's. Container is 16.5" x 16.5" x 42" and includes mounts. Case is stackable for multiple transmission storage.



Engine Cases

Ideal for shipment or storage, engine cases are offered in four versions. Heavy-duty polyethylene containers include mounts that attach directly to the block and bellhousing bolt holes. Universal engine case requires that the engine be secured in a cradle. Cases weigh approximately 36 lbs.



Part No.	Description
SCR5106	Universal Engine Case, 35"W x 35"L x 35"H
SCR5108	SB Chevy Engine Case, 28"W x 40"L x 30"H
SCR5115*	BB Chevy/GM LS-1 Engine Case, 33"W x 44"L x 35"H
SCR5116	SB Chevy Extra Tall Engine Case, 27"W x 40"L x 33"H, Accommodates Fuel Injection Unit

Accessory Component

SCR5115LS	LS1 Front Motor Mounts for SCR5115
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* GM LS1 fitment requires SCR5115LS front motor mounts.

Rod End Seals

Rod end seals keep dirt and water out of rod ends for longer life and better performance. Excellent for use on dirt cars. Six per pack.

Part No.	Description
SICWS37506PK	3/8" Rod End Seals
SICWS50016PK	1/2" Rod End Seals
SICWS62506PK	5/8" Rod End Seals
SICWS75006PK	3/4" Rod End Seals



Rod End Boots

Enclosed boots isolate rod ends from dirt, moisture, and corrosion. Ideal for high misalignment applications. Six per pack.

Part No.	Description
SICRERS36PK	1/2", 5/8" or 3/4" SAE, Male or Female Rod Ends
SICRERS26PK	3/8", 7/16", 10 mm or 12 mm
SICRERS2B6PK	Studded 3/8", 7/16", 10 mm or 12 mm



Economy Axle Seals

After extensive product development and testing, Seals It introduces high-quality, economically-priced axle seals that are designed for the Saturday night racer. Seals are extremely effective in keeping lubricant in the differential and off the brakes. Seals fit axle tubes with inside diameters between 2-1/2" and 2-3/4". May be used at either end of the axle tubes.

Part No.	Housing I.D.	Axle Seal I.D.	Fits Axle O.D.	Pass Through Max
SICEAS15100	2.500"-2.750"	1.000"	1.300"-1.400"	1.850"
SICEAS15125	2.500"-2.750"	1.250"	1.500"-1.600"	1.850"
SICEAS15132	2.500"-2.750"	1.320"	1.625"-1.750"	1.850"
SICEAS25100	2.125"-2.250"	1.000"	1.300"-1.400"	1.850"
SICEAS25125	2.125"-2.250"	1.250"	1.500"-1.600"	1.850"
SICEAS25875	2.125"-2.250"	.875"	1.000"-1.250"	1.850"
SICEAS35100*	1.900"-2.000"	1.000"	1.300"-1.400"	1.850"
SICEAS35875*	1.900"-2.000"	.875"	1.000"-1.250"	1.850"

* Will also work as a 2.5" GN inner axle snout seal.



Ford 9" Inner Axle Seal

Bellows-style seals adjust for axle runout. A must for cambered rear ends.

Part No.	O.D. Size	Color
SICAS9250	2.500"	Gold
SICAS9218	2.562"	Blue
SICAS9188*	2.625"	Red
SICAS9125	2.750"	Silver

* Most common

Part No.	Description
Replacement Components	
SICAS1000NP	Inner Axle Seal
SICAS9188OR3	O-Ring Kit, 2.625" O.D. Seal



Wide 5 Hub Seal SICHS2001

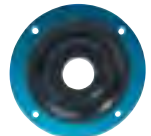
Seals-It Wide 5 hub seal fits all wide 5 hubs to keep rear end lube out of the hub.



Firewall Grommets

Grommets may be fastened to firewall with rivets or screws to provide a leakproof passage for hoses or wires. Eliminate sharp edges that can cause electrical shorts or fluid leakage.

Part No.	Description
Single Hole Grommets	
SICGS10034	3" Diameter, -4AN Hose
SICGS10036	3" Diameter, -6AN Hose
SICGS10038	3" Diameter, -8AN Hose
SICGS100310	3" Diameter, -10AN Hose
SICGS100312	3" Diameter, -12AN Hose
SICGS100316	3" Diameter, -16AN Hose
SICGS100320	3" Diameter, -20AN Hose
SICGS50238	2" Diameter, .400" I.D. Bellows-Style Top NEW!
SICGSSB1	3" Diameter, .400" I.D. Hole
Double Hole Grommets	
SICGS10032H6	5-3/4" x 3", (2) 3/8" I.D. Holes
SICGS10032H8	5-3/4" x 3", (2) 1/2" I.D. Holes
Blank Grommets	
SICGS20035BL	1-1/2" Diameter
SICGS50238BL	2" Diameter
SICGS1003BL	3" Diameter
SICGS404BL	4" Diameter
Blank Double Hole Grommets	
SIGGS101NHBL	5-1/4" x 1-1/2", Blank
SICGS10032HBL	5-3/4" x 3", Blank



Pointed Firewall Grommets

Ideal for running throttle linkage, oil pressure lines, battery cables, etc. Grommets include a pointed design and no hole.

Part No.	Description
SICGS20035WPT	1-1/2" Diameter, 9/16" Depth
SICGS4001WPT	2" Diameter, 1-1/2" Depth
SICGS1003WPT	3" Diameter NEW!



Split Grommet Firewall Grommets

Use on permanent components or those that are not easily removed. Offered in 3" or 4" diameters, grommets may be riveted or bolted to firewall.

Part No.	Description
SICSGS35500	3" Diameter, 1/2" Hole
SICSGS35750	3" Diameter, 3/4" Hole
SICSGS35100	3" Diameter, 1" Hole
SICSGS35BL	3" Diameter, No Hole
SICSGS45500	4" Diameter, 1" Hole
SICSGS45BL	4" Diameter, No Hole



GM "G"-Body Trailing Arm Bushing SICGBTA109

Designed exclusively for 1973-up GM "G"-body applications, innovative new bushing offers the handling and performance characteristics of a monoball insert in a legal, elastomer design. Bushing has an alloy steel housing with inner elastomer bearing that is bonded and molded. Sold individually.



Fuel Pump Seal and Insulator

Seals stop oil leakage and prevent hot engine oil from heating fuel. Special gasket and sleeved bolts insulate pump body.

Part No.	Description
SICCHFP4002C	SB Chevy, Fits Carter Pumps
SICCHFP4002H	SB Chevy, Fits Holley Pumps
SICSFP105	SB Chevy, Fits Race Pumps
SICFPDC107	Fuel Pump Drive Cable Grommet



Cam Driven Fuel Pump Seal

NEW! SICRCFPS750

Innovative seal prevents dirt and debris from contaminating cam driven fuel pumps. Compatible with standard or raised cam engines, seal installs between engine and motor plate to keep the pump clean. Sold each.



Gauge Isolators

Use between gauge and dash or gauge panel to dampen vibration.

Part No.	Description
SICDB206225	2-1/16" Gauge Isolator
SICDB260275	2-5/8" Gauge Isolator



Carburetor Dirt Plug Seal

Special dirt plug seal with a permanently bonded aluminum nut prevents dirt from collecting in the top of the air cleaner and possibly falling into carburetor.

Part No.	Description
SICCARB3001	Carburetor Dirt Plug Seal, 1/4" Nut
SICCARB3002	Carburetor Dirt Plug Seal, 5/16" Nut



Sealflex Elastomer Rod Ends

Innovative new Sealflex elastomer rod ends utilize a unique molded and bonded construction that allows rotational, radial, and axial movements that are not possible with conventional rod ends, easing the harshness and vibration common with traditional rod ends.

Part No.	Description
SICSF1010R	Male Rod End, 5/8" x 5/8"-18 RH
SICSF108R	Male Rod End, 1/2" x 5/8"-18 RH
SICSF1210R	Male Rod End, 5/8" x 3/4"-16 RH
SICSF1212R	Male Rod End, 3/4" x 3/4"-16 RH
SICSF88R	Male Rod End, 1/2" x 1/2"-20 RH



Fuel Pump Drive Cable Seal

[SICFPDC107](#)

Nerf Bar Grommet Seal

[SICNBGS15](#)

Seal has a 6" O.D. and 1-1/2" I.D.



Panhard Adjuster Seal Boot

[SICPH5003R](#)
Seal keeps dirt and debris from penetrating Panhard bar adjuster.



ProLine STD Series Oil Coolers

Among the most versatile oil coolers currently available, ProLine STD series oil coolers use in-line turbulators that gently stir the oil throughout the cooling process, exposing it to the entire internal surface area of the cooler for maximum efficiency. The unique air-fin design incorporates mini-louvers to provide superior heat dissipation. Coolers are fully brazed using a NOCOLOK process, which eliminates contact resistance or heat-transfer between internal components. Coolers include low-profile 22 mm female ports to ease oil cooler installation and mounting. Fittings and mounting hardware must be purchased separately. See the following page for more information.

Part No.	Description	Rows	Total Length	Total Height	Weight
SET50-110-7612	1-Series	10	8.27"	3.34"	.95 lbs.
SET50-113-7612	1-Series	13	8.27"	4.29"	1.15 lbs.
SET50-119-7612	1-Series	19	8.27"	6.10"	1.55 lbs.
SET50-125-7612	1-Series	25	8.27"	7.95"	1.00 lbs.
SET50-610-7612	6-Series	10	12.99"	3.34"	1.55 lbs.
SET50-613-7612	6-Series	13	12.99"	4.29"	1.90 lbs.
SET50-616-7612	6-Series	16	12.99"	5.15"	2.30 lbs.
SET50-619-7612	6-Series	19	12.99"	6.10"	2.65 lbs.
SET50-625-7612	6-Series	25	12.99"	7.95"	3.40 lbs.
SET50-634-7612	6-Series	34	12.99"	10.74"	4.50 lbs.
SET50-640-7612	6-Series	40	12.99"	12.55"	5.30 lbs.
SET50-650-7612	6-Series	50	11.14"	15.31"	6.50 lbs.
SET50-910-7612	9-Series	10	15.94"	2.99"	1.95 lbs.
SET50-915-7612	9-Series	15	15.94"	4.88"	2.75 lbs.
SET50-920-7612	9-Series	20	15.94"	6.41"	3.55 lbs.
SET50-925-7612	9-Series	25	15.94"	7.60"	4.35 lbs.
SET50-934-7612	9-Series	34	15.94"	10.74"	5.85 lbs.
SET50-948-7612	9-Series	48	15.94"	14.70"	8.00 lbs.



Note: Coolers require special 22mm port adapter fittings. Use of any other fittings will damage the cooler port threads and void the warranty.



ProLine SLM Series Oil Cooler

SET53-10748-01

Designed for moderate horsepower applications that require a narrow, compact oil cooler, SLM series is also capable of cooling transmission, differential, power steering, etc. Unit includes 14 rows of in-line turbulators, measures 19.29"L x 5.43"H x 1.57"D in size and weighs just over 2-1/2 lbs.



Fanpacks

ProLine Fanpacks combine the benefits of a STD oil cooler with a high-volume, low-profile electric fan for maximum cooling efficiency. Ideal for applications that encounter low vehicle speeds or restricted air flow.



Part No.	Description	Rows	Total Length	Total Height	Weight
SETFP119M22I	1-Series	19	6.50"	5.75"	3.55 lbs.
SETFP634M22I	6-Series	34	11.38"	10.25"	8.95 lbs.
SETFP920M22I	9-Series	20	14.50"	6.00"	7.20 lbs.

Oil Cooler Mounting Hardware

Specialized mounting brackets help provide a clean, professional installation of ProLine STD Series oil coolers.

Part No.	Description
SET23-1002	Fits All ProLine STD 1-Series Oil Coolers
SET23-6002	Fits All ProLine STD 6-Series Oil Coolers
SET23-9002	Fits All ProLine STD 9-Series Oil Coolers



SET23-6002

Oil Cooler Adapter Fittings

Required for ProLine STD Series oil cooler installation. Direct port fittings help maximize space-savings and reduce weight.



Part No.	Description
SET22-M22AN06-SE	Straight 22 mm Port to -6AN
SET22-M22AN08-SE	Straight 22 mm Port to -8AN
SET22-M22AN10-SE	Straight 22 mm Port to -10AN
SET22-M22AN12-SE	Straight 22 mm Port to -12AN
SET22-M22BJAN08-90	-8AN x 22 mm Proline 90° Banjo Fitting NEW!
SET22-M22BJAN10-90	-10AN x 22 mm Proline 90° Banjo Fitting

Thermal Switches

Actuate an electric fan or external differential/transmission pump automatically using a Setrab thermal switch.

Part No.	Description
SET31-TS180-08	-8AN Thermal Switch, 180°F
SET31-TS190-08	-8AN Thermal Switch, 190°F
SET31-TS180-10	-10AN Thermal Switch, 180°F
SET31-TS190-10	-10AN Thermal Switch, 190°F



Adapter Fitting Pre-Filters

NEW!

Pre-filter screen, rated at 250 microns, installs between the oil cooler's AN adapter fitting and hose end in applications where installation of a traditional in-line oil filter isn't practical.

Part No.	Description
SET11-UF10	-10AN In-Line Oil Filter Screen
SET11-UF12	-12AN In-Line Oil Filter Screen



Mini Gear Oil Circulation Pumps **NEW!**

Compact, lightweight, and durable, mini gear oil circulation pump is a 12-volt, positive displacement pump with no internal bypass. Self-priming pump includes the ability to circulate oil or water-based fluids through use of bronze helical gears and a nickel-plated brass pump head. Pump includes 3/8" BSPP ports and weighs just 2.6 lbs. Pumps may be purchased separately or complete with AN port fittings and in-line filter.



Part No.	Description
SET17-311-06-0005	Mini Gear Oil Circulation Pump, Less Fittings/Filter
SET17-311-06-IF05	Mini Gear Oil Circulation Pump, -6AN Fittings/150 Micron Filter

Hyperflow Sandwich Adapter

NEW! SET19-SPT76-22-180-22

Lightweight cast aluminum adapter provides easy access to plumbing when installing an auxiliary oil cooler on engines with 22 mm x 1.5 mm filter threads. Adapter features a quad seal O-ring for positive sealing, self-contained thermostatic valve and M22 ports.



Take-Off for GM LS

NEW! SET18-TOTLS-22

Specialized billet aluminum adapter eases oil cooler plumbing requirements on GM LS engine applications. Adapter includes -10AN fittings.



DENNIS ZIMMERMAN

MARCUS BERGLUND



Aluminum Roller Rocker Arm Sets

Sharp is the original producer of aluminum, needle-bearing roller-tip rocker arms. Friction-free design has shown gains of 15-40 horsepower.

Part No.	Description	Stud	Ratio
SHP1001-1	SB Chevy 265-400	3/8"	1.5
SHP1002-1	SB Chevy 265-400	3/8"	1.6
SHP1004-1	SB Chevy 265-400	7/16"	1.5
SHP1005-1	SB Chevy 265-400	7/16"	1.6
SHPS1005-150*	SB Chevy 265-400, .150" Offset Intake	7/16"	1.6
SHPS1005-250*	SB Chevy 265-400, .250" Offset Intake	7/16"	1.6
SHP1006-1	SB Chevy 265-400	7/16"	1.65
SHPSH1005†	SB Chevy 265-400	7/16"	1.6
SHPSLS17A†	GM LS1/LS2/LS6	N/A	1.7
SHPSL927	GM LS3/L92	Pedestal	1.7
SHPSL927A	GM LS3/L92, Adjustable	Pedestal	1.7
SHPSLS78A	GM LS7, Adjustable	Pedestal	1.8
SHPS4102	SB Ford 260-351W, AFR/Brodix/Edelbrock	7/16"	1.6
SHP4003-1	SB Ford 260-351W	3/8"	1.6

* Signifies sets with offset intake rocker arms designed for use with aftermarket or heavily modified stock cylinder heads. The pushrod cup has been moved the specified amount to the left and right and requires special guide plates. Each set includes (4) left offset intake rocker arms, (4) right offset intake rocker arms, and (8) standard exhaust rocker arms.

† Signifies a pedestal mount rocker arm set.

‡ Heavy-duty set.



Replacement Adjusting Nuts for Roller Rocker Arms

Part No.	Description
SHPL038K	3/8" Adjusting Nut, 4 Per Pack
SHPL716K	7/16" Adjusting Nut, 4 Per Pack



SHAVIV USA
by Vargus
Leading Deburring Solutions

NEW VENDOR!

Chamfering Blade SHA29147

Ideal for external chamfering of tubes and pipes up to 1.02" (26 mm) diameter. Suitable for steel, aluminum, copper, brass, cast iron, stainless steel, and plastics materials.



Glo-Burr Handy Deburring Kit

The kit includes four Glo-Burr holders and four blades: 100, 200, 300, and 111.

Part No.	Description
SHA29114	E-Holder
SHA90042	B-Holder



Countersinks

These 90° hole-edge countersinks are suitable for steel, aluminum, copper, brass, cast iron, stainless steel, and plastics.

Part No.	Description
SHA29049	Up to 12 mm (.47") Dia.
SHA29050	Up to 20 mm (.78") Dia.
SHA29051	Up to 30 mm (1.18") Dia.



SHA29049

Deburring Blades

Part No.	Description	Blade	Materials
Model B Blade Holder			
Straight Edge, Hole Edge			
SHA29012-10	B10, 10-Pack	High-Speed Steel	Steel, Aluminum, Copper
SHA29210-10	B10S, 10-Pack	Cobalt-Enriched	Steel, Aluminum, Copper, Stainless Steel, Plastics
Model E Blade Holder			
Straight Edge, Hole Edge			
SHA29034	E100, Each	HD High-Speed Steel	Steel, Aluminum, Copper
SHA29211-10	E100S, 10-Pack	Cobalt-Enriched	Steel, Aluminum, Copper, Stainless Steel, Plastics

SHA29012-10



Mango II Extra Close Work Bonus Pack

The tool package is designed to deburr steel, aluminum, copper, brass, cast iron, and plastics. Includes a Mango II handle and 10 blades.

Part No.	Description
SHA29249	B10 Blades, B-Holder, High-Speed Steel Blade
SHA29250	E100 Blades, E-Holder, HD High-Speed Steel Blade
SHA29254	E100S Blades, E-Holder, Cobalt-Enriched Blade
Long-Reach Work	
SHA29256	B10S Blades, B-Holder, Cobalt-Enriched Blade



SHA29249

Mango II Set FR SHA90072

This Mango II Set features a FR ratcheting tool holder for internal chamfering up to 0.78" (20 mm) I.D. Uses F20 blade.

Note: All sets deburr, aluminum, copper, brass, cast iron, stainless steel, and plastics.



Mango II Set-Bi

SHA90073

This Mango II Set features a FR ratcheting tool holder for external chamfering up to 1.00" (26 mm) O.D. Uses F26X blade.



Mango II Set M

SHA90094

Deburs holes, slots, and edges. The two-in-one M-Holder handle supports both B and E blades. Includes handle and 6 blades (B10, B20, B30, E100, E111, E200).



Mango II Set Burr-Bi

SHA90095

For heavy-duty deburring of materials with single or double straight edges up to 14 mm (0.56") thick. Holder can take two R10, R20, or R30 blades for arc-shaped finishes on workpieces up to 16 mm (0.63") thick.



Scrape-Burr Kit 3+1

SHA90081

Tackle most any deburring task with this set of three Scrape-Burr tools: the HD, the All-Purpose, and the Fine-Finish scraper. A Glo-Blurr handle with B10 blade is included as well.



Note: All sets deburr, aluminum, copper, brass, cast iron, stainless steel, and plastics.

Mango II Set L

SHA90101

Designed for the deburring of external curved edges such as pipes and tubes. Includes Mango II handle with L10 blade.



Professional Series Auto Burr Kit

SHA90117

This ten-piece hand deburring tool kit is designed with the automotive professional as well as the enthusiast in mind. This kit includes the equipment needed to handle tubing up to 1.00" O.D. and 0.78" I.D. Suitable for steel, aluminum, copper, brass, cast iron, stainless steel, and plastics. Includes carrying case.



Zero Flute Chamfering Kit

SHA90098

This three-piece chamfering kit made with high-speed steel and a 90° flute angle works with any 1/4" bit holder handle or power tool. Tool sizes 9/32" - 13/16", 3/16" - 1/2", and 5/64" - 5/16". Includes finishing bit.



Cera-Burr

SHA90084

The ceramic bladed tool designed for deflashing plastics and deburring soft metals.



Ceramix Set Q10 Tool

SHA29238

This ceramic bladed heavy-duty utility tool designed for deflashing plastics and deburring soft metals. The unique blade is designed with a straight edge and a flat surface, allowing for multi-purpose use. Replaceable blade.



The Carbon Devil Ray

Exceptionally lightweight helmet weighs just 2.9 lbs., yet offers exceptional protection and comfort. Snell SA2020-certified helmet features a 100% shield seal to keep dirt and dust out. Helmet is head and neck restraint compatible. Offered with natural carbon fiber finish only.



Size	Part No.
SIM783000C	X-Small
SIM783001C	Small
SIM783002C	Medium
SIM783003C	Large
SIM783004C	X-Large
SIM783005C	XX-Large

Carbon Bandit

Lightweight carbon fiber-construction helmet is based on the classic Bandit flagship design. Multi-use helmet is pre-drilled for head and neck restraint hardware. Meets Snell SA2020 specifications. Offered in natural finish only.



Part No.	Size
SIM720002C	Medium
SIM720003C	Large
SIM720004C	X-Large
SIM720005C	XX-Large



Speedway Shark

Helmet incorporates advanced "Wave Eliminators" to improve aerodynamics, while the recessed eye port provides a 100% seal. Snell SA2020-certified helmet uses a newly designed shield pivot and latch system, which allows raising the shield with ease. Head and neck restraint compatible. Offered in white or flat black.

Size	White	Flat Black
7-1/8	SIM7707181	SIM7707188
7-1/4	SIM7707141	SIM7707148
7-3/8	SIM7707381	SIM7707388
7-1/2	SIM7707121	SIM7707128
7-5/8	SIM7707581	SIM7707588
7-3/4	SIM7707341	SIM7707348



Super Bandit

Designed with the latest and most advanced testing methods available, Simpson was able to produce a helmet that minimizes lift and buffeting. Ideal for a wide variety of racing, helmet offers a 100% shield seal and is head and neck restraint compatible. Meets Snell SA2020 standards. Offered in white or flat black.

Size	White	Flat Black
Small	SIM7210011	SIM7210018
Medium	SIM7210021	SIM7210028
Large	SIM7210031	SIM7210038
X-Large	SIM7210041	SIM7210048



Speedway Shark Carbon

Identical in design to the traditional Speedway Shark, yet with a lightweight, carbon fiber shell. Advanced aerodynamics and recessed eye port combine for a 100% seal. Head and neck restraint compatible. Meets Snell SA2020 specifications. Offered in natural finish only.

Part No.	Size
SIM770718C	7-1/8
SIM770714C	7-1/4
SIM770738C	7-3/8
SIM770712C	7-1/2
SIM770758C	7-5/8
SIM770734C	7-3/4



Bandit

The Bandit's distinctive appearance and profile are complemented by ram ducts for air circulation. The Bandit is Snell SA2020 approved. Available in flat black or gloss black.

Size	Flat Black	Gloss Black
Small	SIM7200018	—
Medium	SIM7200028	SIM7200022
Large	SIM7200038	SIM7200032
X-Large	SIM7200048	SIM7200042
XX-Large	SIM7200058	SIM7200052



Viper **NEW!**

Featuring an all-new design and lightweight composite shell, the Viper utilizes an extra-large eye port for an exceptional range of vision. Helmet includes removable cheek pads for a truly customizable fit. Top air and side air options are available and may be purchased separately. Meets Snell SA2020 specifications. Offered in white, gloss black, or matte black.

Part No.	Size
SIM7100018	Small
SIM7100028	Medium
SIM7100038	Large
SIM7100048	X-Large
SIM7100058	XX-Large



Diamondback

Groundbreaking helmet includes chin air ram ducts with contrasting vents and fire-retardant lining. The Diamondback meets Snell SA2020 specifications and is offered in white or flat black.

Size	White	Flat Black
7-1/8	SIM7297181	SIM7297188
7-1/4	SIM7297141	SIM7297148
7-3/8	SIM7297341	SIM7297348
7-1/2	SIM7297121	SIM7297128
7-5/8	SIM7297581	SIM7297588
7-3/4	SIM7297381	SIM7297388



The Speedway RX

Speedway RX has a contoured eyeport that fits snugly around the eyes and nose, an aerodynamic shell, air ram ducts, and a fire-retardant liner. Meets Snell SA2015 specifications and is stocked in white or matte black.

Size	White	Matte Black
7-1/4	SIM6517141	—
7-3/8	SIM6517381	—



Viper Youth **NEW!**

Similar to the adult model, Viper youth helmet is designed to meet stringent SFI 24.1 standards. Helmet offers a properly sized, lightweight composite shell with removable cheek pads and crown padding for a truly customizable fit. Head restraint ready.

Size	White	Matte Black
XXX-Small	SIM18Y0521	SIM18Y0528
XX-Small	SIM18Y0531	SIM18Y0538
X-Small	SIM18Y0541	SIM18Y0548
Small	SIM18Y0561	SIM18Y0568





Best for crews, lightweight helmet features an open-face design and a wide field of vision. A total of 14 strategically placed vents offer superior air flow. Matte black only.



Compact, lightweight helmet has been improved with top gills and additional venting. May be worn with or without a headset. Offered in white or black.

The Cruiser

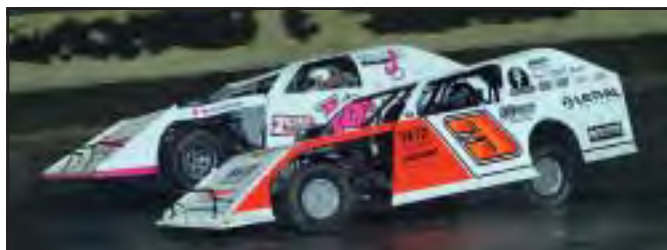
Designed for racers that prefer an open-face helmet, the Cruiser is fully compatible with frontal head restraint devices. Helmet meets stringent Snell SA2015 standards. Offered in white or black.



Part No.	Description
SIM99002	Pivot Kit - Bandits, Sharks, VDO, Valor, Diamondback
SIM99013	Pivot Kit, Fits Devil Ray
SIM99014	Pivot Kit, Fits 101, 102 and 103 Series Shields
SIM99022	Pivot Kit - Voyager and Street Bandit
SIM99016	Pivot Kit, Fits Carbon Bandit
SIM99018	Pivot Kit, Fits Venator

[illegible]

Hat Size	6-5/8 to 6-3/4	6-7/8 to 7	7-1/8 to 7-1/4	7-3/8 to 7-1/2	7-5/8 to 7-3/4	7-7/8 to 8
Helmet Size	XS	SM	MD	LG	XL	XXL

 JIM DENHAMER

Carefully measure around head, above the ears. Refer to this sizing chart for your correct hat/helmet size (Except OTW Shorty Helmet). Helmet must fit properly for optimum performance; do not guess size. Helmet must be securely and snugly fastened before use.



Replacement Helmet Shields

CIRCLE TRACK 2021-22



Eject Helmet Removal System

SIM890-01-30

The Eject Helmet Removal System provides an extra measure of safety in the event of a crash. A small air bladder installs into the helmet without changing its fit, allowing First Responders to inflate the system to gently lift the helmet off the head.



Dual Shield Bag

SIM23900

Made with soft microfibers and a special separation, bag stores two helmet shields to protect from scratches. Machine washable.



Legend II

One-Piece Driving Suit

SFI 3.2A/1-rated suit features distinctive styling. Designed as an affordable entry-level suit, Legend II is constructed from flame-resistant cotton, includes a wrap-around collar, three-point epaulets, vertical quilting, 360° full arm gussets, straight leg cuffs, and front pockets. One-piece suit is offered in black/gray or solid black.

Size	Black/Gray	Black
Youth X-Small	—	SIMLY22071
Youth Small	—	SIMLY22171
Youth Medium	—	SIMLY22271
Youth Large	—	SIMLY22371
Youth X-Large	—	SIMLY22471
Small	SIML205171	SIML202171
Medium	SIML205271	SIML202271
Large	SIML205371	SIML202371
X-Large	SIML205471	SIML202471



Crossover

One-Piece Driving Suit

The multi-layer Crossover driving suit features a banded collar, Simpson-branded epaulets, and straight-leg design for a sharp, professional appearance. Back and 360° arm gussets add comfort, while multiple layers provide exceptional fire protection. One-piece, satin fabric suit meets stringent SFI 3.2A/5 specifications. Offered in black/gray, red/black, or gray/gray.

Size	Black/Gray	Red/Black	Gray/Gray
Small	—	—	SIM1904121
Medium	SIM1902221	—	—
Large	SIM1902321	—	—



Super Sport Nomex Double-Layer Driving Suits

The Super Sport combines function and classic style. Double-layer suit incorporates 100% Nomex fleece inner lining, inset pant pockets, and straight leg cuffs. Meets SFI 3-2A/5 specifications. Offered in black only.

Large	X-Large	XX-Large
One-Piece Driving Suits		
SIM0602311	SIM0602411	SIM0602511
Two-Piece Driving Suits - Jacket		
SIM0602312	SIM0602412	SIM0602512
Two-Piece Driving Suits - Pants		
—	SIM0602413	—



One- and Two-Piece Nomex Double-Layer Driving Suits

Vertical quilt double-layer suits have patch pockets on pants and zippered breast pockets. Made of Nomex III Gabardine outer layer and an Nomex III Aramide fleece inner layer. Meet SFI 3-2A/5 specifications. Suits are offered in one- and two-piece styles.

Description	Black	Blue
One-Piece Driving Suits		
Medium Nomex	SIM0402211	—
Large Nomex	SIM0402311	—
X-Large Nomex	SIM0402411	—
XX-Large Nomex	SIM0402511	—
Two-Piece Driving Suits - Jacket		
Medium Nomex	SIM0402212	—
Large Nomex	SIM0402312	SIM0404312
X-Large Nomex	SIM0402412	SIM0404412
Two-Piece Driving Suits - Pants		
Medium Nomex	SIM0402213	—



Helix Youth Racing Suit

Lightweight youth racing suit is designed with athletic performance-enhancing features designed to reduce weight and driver restrictions. Sewn from Dupont Nomex fabric, suit includes 270° arm and back gussets, knee and inner thigh stretch panels, lower back stress relief panel and upper back ventilation port. Suit meets SFI 3.2A/5 specifications. Black/gray only.

Size	Part No.
Small	SIMHXY2121
Medium	SIMHXY2221
Large	SIMHXY2321
X-Large	SIMHXY2421



Kart Jacket

Attractive and comfortable, Kart Jacket is suitable for the drivers of Quarter Midgets or go-karts. Jacket is manufactured from 500 Denier material and is not fire-retardant. Not SFI-certified. Offered in black only.

Size	Part No.
Youth Small	SIM0102182
Youth Medium	SIM0102282
Youth Large	SIM0102382
Adult X-Large	SIM0102482





Jr. One-Piece Nomex Double-Layer Driving Suits

Double-layer, one-piece suits are sewn from fire-resistant Gabardine Nomex and include traditional inset pockets, banded racing collars, traditional cuffed legs, and double racing stripes on both arms and legs. Offered in black only with white stripes. Suits meet SFI 3.2A/5 specifications.



Size	Part No.	Size	Part No.
Small	SIMP402111	Large	SIMP402311
Medium	SIMP402211	X-Large	SIMP402411

Nomex, CarbonX, and Memory-Fit Underwear



Description	Small	Medium	Large	X-Large	XX-Large
Nomex Underwear - Meets SFI 3.3					
Short Sleeve Top, White	—	SIM20100M	SIM20100L	SIM20100XL	—
Full Length Bottom, White	—	SIM20101M	SIM20101L	—	—
CarbonX Underwear - Meets SFI 3.3					
Long Sleeve Top, Black	SIM20600S	SIM20600M	SIM20600L	SIM20600X	SIM20600Z
Short Sleeve Top, Black	—	SIM20602M	SIM20602L	SIM20602X	SIM20602Z
Full Length Bottom, Black	SIM20601S	SIM20601M	SIM20601L	SIM20601X	SIM20601Z

CarbonX Socks

One size fits all.

Description	6-8	8-10	9-11	10-14
CarbonX Socks	SIM23029C	SIM23029C	SIM23029C	SIM23029C

Nomex, CarbonX, and Memory-Fit Head Socks

Description	White	Black
Nomex Single Eyeport	SIM23000W	SIM23000BK
Nomex Dual Eyeport	—	SIM23003BK
CarbonX Single Eyeport	—	SIM23000C
Memory Fit Single Eyeport	SIM23050W	—
Memory-Fit Dual Eyeport	—	SIM23051K



Vortex Gloves

The Vortex is an SFI 3.3/5 rated professional racing glove with Nomex® construction. Strategically placed wrist bone padding provides additional protection in this stressed area. Features comfortable external seams and pre-curved palms. SFI 3.3/5 rated. Gray/White Only.

Part No.	Black/White	Gray/White
Small	SIMVRSK-F	SIMVRSG-F
Medium	SIMVRMK-F	SIMVRMG-F
Large	SIMVRLK-F	SIMVRLG-F
X-Large	SIMVRXK-F	SIMVRXG-F
XX-Large	SIMVRZK-F	SIMVRZG-F



Competitor Gloves

Nomex gloves have silicon palms and touch points for exceptional grip and limited bunching. Double-layer gloves meet SFI 3.3/5 specifications and are available in red or black with distinctive white trim.

Size	Red	Black
Small	—	SIM21300SK-0
Medium	SIM21300MR-0	SIM21300MK-0
Large	SIM21300LR-0	SIM21300LK-0
X-Large	SIM21300XR-0	SIM21300XK-0



Impulse Driving Gloves

Lightweight, fire-resistant gloves offer exceptional comfort, feel, and grip. Gloves are constructed using Nomex with soft goat-leather palms and external seams. Choose from black, blue, or red. Meet SFI 3.3/5 specifications.

Size	Black	Blue	Red
XX-Small	SIMIMYK	—	—
X-Small	SIMIMTK	—	—
Small	SIMIMSK	SIMIMSB	—
Medium	SIMIMMK	SIMIMMB	SIMIMMR
Large	SIMIMLK	SIMIMLB	SIMIMLR
X-Large	SIMIMXK	SIMIMXB	SIMIMXR
XX-Large	SIMIMZK	—	—



Super Sport Gloves

Affordable, entry-level gloves are designed to protect and perform. Nomex construction gloves include reverse seams and silicone graphics. Meet SFI 3.3/1 specifications. Black only.

Part No.	Size
SIMSSTK	X-Small
SIMSSSK	Small
SIMSSMK	Medium
SIMSSLK	Large
SIMSSXK	X-Large



Red Line Driving Shoes

Manufactured of top-grain leather and fire-retardant Nomex®. Features a performance enhancing, streamlined design with hidden laces, textured bumper panels, and Velcro ankle strap. SFI 3.3/5 rated and FIA apparel. Black Only..



Size	Black	Size	Black
6	SIMRL600K-F	11-1/2	SIMRL115K-F
7	SIMRL700K-F	12	SIMRL120K-F
8-1/2	SIMRL850K-F	12-1/2	SIMRL125K-F
9	SIMRL900K-F	13	SIMRL130K-F
10	SIMRL100K-F	13-1/2	SIMRL135K-F
10-1/2	SIMRL105K-F	14	SIMRL140K-F
11	SIMRL110K-F		

Adrenaline Shoes

The Adrenaline combines exceptional pedal feel and superior comfort with satin suede toe, heel, and lace guard reinforcements, fleece Nomex linings, non-slip Posi-grip soles, and single Speedfit closures. Shoes meet SFI specifications. Black only.

Size	Part No.	Size	Part No.
4	SIMAD400BK	9-1/2	SIMAD950BK
5	SIMAD500BK	10	SIMAD100BK
6	SIMAD600BK	10-1/2	SIMAD105BK
7	SIMAD700BK	11	SIMAD110BK
7-1/2	SIMAD750BK	11-1/2	SIMAD115BK
8	SIMAD800BK	12	SIMAD120BK
8-1/2	SIMAD850BK	12-1/2	SIMAD125BK
9	SIMAD900BK	13	SIMAD130BK



Mid-Top Shoes

Comfortable, lightweight shoes combine satin suede toe, heel, and lace guard reinforcements with non-slip, polyurethane soles and a flame-resistant fleece lining. Meets SFI 3.3/5 specifications. Offered in black/gray only.

Size	Part No.	Size	Part No.
8	SIMMT800BK	10-1/2	SIMMT105BK
8-1/2	SIMMT850BK	11	SIMMT110BK
9	SIMMT900BK	11-1/2	SIMMT115BK
9-1/2	SIMMT950BK	12	SIMMT120BK
10	SIMMT100BK	12-1/2	SIMMT125BK





High-Top Shoes

Suede-leather high-top has Velcro closure, bottom laces, Nomex® fleece-lined interior, and polyurethane type-M sole with athletic-style inner sole. Meets SFI 3.3/5 specifications.



Size	Black	Blue	Red
6	SIM28600BK	—	—
7	SIM28700BK	—	—
7-1/2	SIM28750BK	—	—
8	SIM28800BK	SIM28800BL	—
8-1/2	SIM28850BK	—	SIM28850RD
9	SIM28900BK	SIM28900BL	SIM28900RD
9-1/2	SIM28950BK	SIM28950BL	SIM28950RD
10	SIM28100BK	SIM28100BL	SIM28100RD
10-1/2	SIM28105BK	SIM28105BL	SIM28105RD
11	SIM28110BK	SIM28110BL	SIM28110RD
11-1/2	SIM28115BK	SIM28115BL	SIM28115RD
12	SIM28120BK	—	—
13	SIM28130BK	—	—
13.5	SIM28135BK	—	—
14	SIM28140BK	—	—

Stealth Sprint Shoes

Shoes are high-top with bottom lace cover, two top closures, and smooth leather toe, lace, and heel guard reinforcements. Black only. Meets SFI specs.



Size	Part No.	Size	Part No.
8	SIMSP800BK	10-1/2	SIMSP105BK
8-1/2	SIMSP850BK	11	SIMSP110BK
9	SIMSP900BK	11-1/2	SIMSP115BK
9-1/2	SIMSP950BK	12	SIMSP120BK
10	SIMSP100BK		

Garage Crew Shoes

An everyday shoe that is designed to resist abrasion, while offering superb footing and stability in a work environment. Shoes combine durable, cushioned interiors with slip-resistant soles and suede/canvas uppers. Offered in black only.



Size	Part No.	Size	Part No.
5	SIM57500BK	10	SIM57100BK
6-1/2	SIM57650BK	10-1/2	SIM57105BK
7	SIM57700BK	11	SIM57110BK
7-1/2	SIM57750BK	11-1/2	SIM57115BK
8	SIM57800BK	12	SIM57120BK
8-1/2	SIM57850BK	12-1/2	SIM57125BK
9	SIM57900BK	13	SIM57130BK
9-1/2	SIM57950BK		

Talladega Crew Shirt



Attractive, comfortable crew shirts with contrasting fabric, piping and breathable mesh side panels are made from 65% polyester/35% cotton and embroidered with the Simpson logo. Color choices are blue, gray, or red.

Size	Red	Gray	Blue
Medium	SIM39012MR	—	SIM39012MB
Large	SIM39012LR	—	—
X-Large	—	SIM39012XG	—
XX-Large	—	SIM39012ZG	—

Shift Boot Cover SIM36012

Black Nomex cover has a Kevlar interior for additional protection. Includes a 7-1/4" x 6-1/4" base and meets stringent SFI 48.1 specifications.



Roll Bar Padding SIM36008S

SFI-approved padding meets SFI 45.1 specifications and will not drip or melt when exposed to fire. Sold in 3' lengths. Padding fits 1-5/8"-2" dia. tubing.



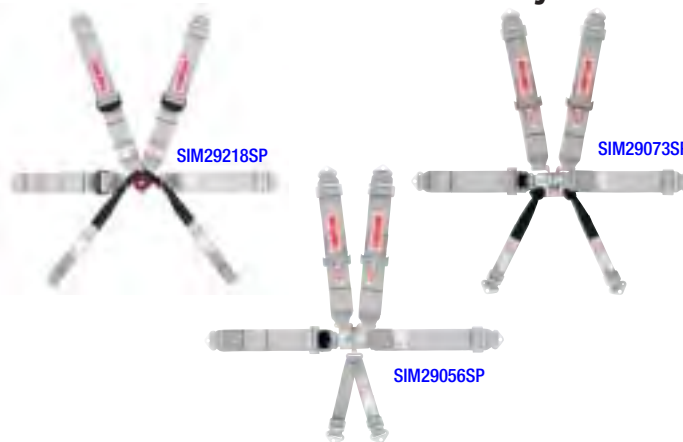
Platinum Series Driver Restraint Systems with Ratchet Adjusters

Designed for dirt track racers where the ride is exceptionally rough, Platinum Series five-point ratchet-style belts are manufactured in the USA. Meets SFI 16.1 specifications. Individual shoulder belts are fully compatible with head and neck restraints. Choose from systems with steel or aluminum adjusters. Black only.



Part No.	Description
SIMSB.51203	5-Point Restraint System, Steel Adjusters, Left Side Ratchet
SIMSB.51204	5-Point Restraint System, Aluminum Adjusters, Left Side Ratchet

Platinum Series Driver Restraint Systems



NASCAR-approved restraint systems have undergone stringent tests for webbing, hardware, proof load, and maximum load. Heavy-duty, platinum-colored polyester belts are 20% stronger and are available with Latch F/X, Latch-and-Link, or Rotary Camlock with quick in/out and smooth adjustment. Sets include lap, shoulder, and dual submarine belts (unless specified).

Part No.	Description
Rotary Series Camlock Restraint Systems	
SIM29218SP	Pull Down, Bolt-In 6-Pt. Restraint System
Latch and Link Restraint Systems	
SIM29056SP	Pull Down, Bolt-In 6-Pt. Restraint System
SIM29057SP	Pull Up, Bolt-In 6-Pt. Restraint System
SIM29064P	Pull Down, 55" Wrap-Around 5-Pt. Restraint System
SIM29063P	Pull Down, 55" Individual, Bolt-In 5-Pt. Restraint System
Latch F/X Restraint System	
SIM29072P	Pull Down, 62" Wrap-Around, 5-Pt. Restraint System
SIM29073SP	Pull Down, Bolt-In 6-Pt. Restraint System



Hans Compatible Standard Latch-and-Link Driver Restraint Systems

Five-point latch-and-link restraint systems feature 55" individual, Hans-compatible shoulder harnesses with 1-3/4" wide belts in choice of bolt-in or wrap-around versions. Systems use pull-down adjusters and include lap, shoulder, and anti-submarine belts. Offered in black only.

Part No.	Description
SIM29061/W30010BK	62" Individual, Pull-Up, Bolt-In/Wrap Around NEW!
SIM29063/W30010BK	55" Individual, Pull-Down, Bolt-In
SIM29064/W30010BK	55" Individual, Pull-Down, Wrap Around



CamLock Driver Restraint Systems



The camlock is a smooth, circular buckle machined from billet aluminum for quick connect and disconnect. A quick snap and the hardened steel tumblers lock the stainless steel belt and harness tabs in place. Five-point systems include lap, shoulder, and submarine belts. Available in black, blue, and red.

Description	Black	Blue	Red
62" Individual, Pull-Up, Bolt-In	SIM29104BK	—	—
55" V-Harness, Pull-Down, Bolt-In	SIM29108BK	—	—
52" Individual, Pull-Down, Bolt-In	SIM29110BK	SIM29110BL	SIM29110RD
52" Individual, Pull-Down, Wrap Around	SIM29112BK	—	SIM29112RD
Rotary Series, 2" Uppers, 6-Way Pull-Down, Bolt-In	SIM29828SO	—	—

Latch F/X Driver Restraint Systems



Compact, lightweight five-point Latch F/X systems prevent accidental release. Sets include lap, shoulder, and submarine belts. Most systems are also available with sternum protector by adding "S" prior to the color suffix. Available in black, blue, and red.

Description	Black	Blue	Red
62" Wrap Around, Pull-Down	SIM29072BK	—	SIM29072RD
62" Individual, Pull-Down, Bolt-In	SIM29073BK	SIM29073BL	SIM29073RD
62" V-Harness, Pull-Down, Bolt-In	SIM29074BK	SIM29074BL	SIM29074RD

Mounting Hardware Accessories

Part No.	Description
SIM31018	Eye Bolt with Nut and Washer (1 Ea.)
SIM31019	3" Slide Bar Adjusters (2 Ea.)
SIM31020	Floor Mount Kit (2 Ea.)



Standard Latch-and-Link Driver Restraint Systems



Standard 5-point latch-and-link restraint systems use drop-forged steel, cadmium-plated hardware, 3" wide military spec. webbing and pull-up or pull-down adjusters. Sets include lap, shoulder, and submarine belts. Most systems are also available with sternum protector by adding "S" prior to the color suffix. Available in black, blue, and red.

Description	Black	Blue	Red
62" Individual, Pull-Up, Bolt-In	SIM29061BK	SIM29061BL	SIM29061RD
55" Individual, Pull-Down, Bolt-In	SIM29063BK	SIM29063BL	SIM29063RD
55" Individual, Pull-Down, Wrap-Around	SIM29064BK	—	SIM29064RD
55" V-Harness, Pull-Down, Roll Bar Mount	SIM29065BK	SIM29065BL	—
Quarter Midget Individual, Pull-Down, Wrap-Around	SIM29025BK	—	—

Seat Belts

Seat (lap) belts are available separately. Offered in latch-and-link, Latch F/X, and camlock styles. Black only.



Part No.	Description
SIM29004BK	Latch and Link, 62" Bolt-In, Pull Up
SIM29024BK	Latch and Link, 55" Bolt-In, Pull Down
SIM29034BK	Latch F/X, 62" Bolt-In, Pull Down
SIM32004	Camlock, 62" Bolt-In

Shoulder Harnesses

Individual shoulder harnesses are for use with camlock and latch-type restraint systems. Available in black only.



Part No.	Description
SIM30004BK	Latch, Individual, Bolt-In/Wrap-Around
SIM30010BK	Latch, 1-3/4" Hans-Compatible
SIM30011BK	Latch & Link, Hans Dual Harness, Wrap-Around
SIM33010BK	Camlock, Individual, Hans-Compatible

Nomex Harness Pads

Pads attach to harnesses or belts in seconds with Velcro and provide extra comfort when cinching belts. Sold in pairs. Black only.



Anti-Submarine Belts

Semi-adjustable anti-submarine belts are offered for use with camlock and latch-type systems. Available in black only.



Description	Black
Latch Type, 27", Bolt-In	SIM31012BK
Latch Type, 34-1/2", Pull-Up, Bolt-In	SIM31015BK
CamLock, 27", Bolt-In	SIM34012BK



Dual Anti-Submarine Belt

SIM31014BK

Dual anti-submarine belt works with latch-type restraint systems. Adjustable belt uses a standard bolt-in installation and is 27" long per side. Available in black only.



Arm Restraints

A must for open cockpit race cars, restraints have padded arm bands with steel hardware and allow easy entry and exit. Available in black, blue, or red.



Description	Black	Blue	Red
Individual Straps	SIM36000BK	SIM36000BL	SIM36000RD
Y-Straps	SIM36001BK	—	SIM36001RD
Jr. Arm Restraints	SIM3600JBK	—	—

Helmet Restraints

Fatigue-reducing helmet strap has quick attachment and adjustment with durable steel hardware. Install on helmet D-ring. Available in black or red.



Black	Red
SIM36007BK	SIM36007RD

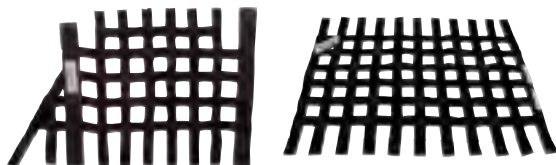
Padded Neck Supports



Made of high-density foam and covered with durable Nomex III, supports reduce neck fatigue and are recommended for all types of racing. One size fits all with adjustable Velcro fasteners. Available in black, blue, or red.

Black	Blue	Red
SIM23022BK	SIM23022BL	SIM23022RD

SFI-Approved Window Nets



SIM36004BK

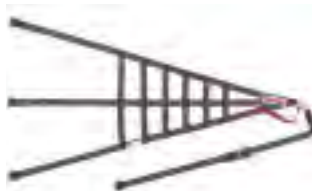
SIM36002BK

Simpson offers window nets in rectangular (18" x 24") and trapezoidal (16" x 27") designs. All nets meet SFI 27.1 specifications and use 1" wide webbing for maximum driver protection. Offered in black or red.

Description	Black	Red
Rectangle Window Net (18" x 24")	SIM36002BK	—
Trapezoid Window Net (16" x 27")	SIM36004BK	SIM36004RD

C5R Driver Net

Adaptable to a wide variety of cars, polyester 28" x 15-3/4" window net is designed to provide side and angular protection. Meets SFI 37.1 specifications. Black only.



Part No.	Description
SIMDN.C5R.LP	Driver Net, Left Side
SIMDN.C5R.RP	Driver Net, Right Side

Hybrid Sport

The Hybrid Sport is lighter and sleeker with defined wings for seat belt containment. Head and neck restraint weighs 20% less than previous models due to advanced carbon/polymer construction. Sliding tethers and patent-pending multi-tether system improves side-to-side movement and field of vision. Meets stringent SFI 38.1 specifications.



Part No.	Description	Tether System
SIMHS.CHD.11.SAS*	X-Small Child 22"-26" Chest	Quick-Release Tethers and D-Ring Kit
SIMHS.CHD.11	X-Small Child 22"-26" Chest	Quick-Release Tethers and D-Ring Kit
SIMHS.XSC.11	X-Small Child, 22"-26" Chest	Quick-Release Tethers and D-Ring Kit
SIMHS.YTH.11.SAS*	X-Large Youth 26"-30" Chest	Quick-Release Tethers and D-Ring Kit
SIMHS.YTH.11	X-Large Youth 26"-30" Chest	Quick-Release Tethers and D-Ring Kit
SIMHS.XSM.11	X-Small 32"-36" Chest	Quick-Release Tethers and D-Ring Kit
SIMHS.SML.11.PA.FIA	Small 36"-40" Chest	Post Clip Tethers and Post Anchors
SIMHS.SML.11.SAS*	Small 36"-40" Chest	Quick-Release Tethers and D-Ring Kit
SIMHS.SML.11.PA	Small 36"-40" Chest	Post Clip Tethers and Post Anchors
SIMHS.SML.11.SAS*	Small 36"-40" Chest	Quick-Release Tethers and D-Ring Kit
SIMHS.MED.11.PA.FIA	Medium 40"-44" Chest	Post Clip Tethers and Post Anchors
SIMHS.MED.11	Medium 40"-44" Chest	Quick-Release Tethers and D-Ring Kit
SIMHS.MED.11.SAS*	Medium 40"-44" Chest	Quick-Release Tethers and D-Ring Kit
SIMHS.LRG.11.PA.FIA	Large 44"-48" Chest	Post Clip Tethers and Post Anchors
SIMHS.LRG.11	Large 44"-48" Chest	Quick-Release Tethers and D-Ring Kit
SIMHS.LRG.11.SAS*	Large 44"-48" Chest	Quick-Release Tethers and D-Ring Kit
SIMHS.LRG.11.M61	Large 44"-48" Chest	Quick-Release, Dual and Tether Kit
SIMHS.XLG.11.PA.FIA	X-Large 48"-52" Chest	Post Clip Tethers and Post Anchors
SIMHS.XLG.11	X-Large 48"-52" Chest	Quick-Release Tethers and D-Ring Kit

* Comes with seat belt anchor system unless noted.

2018 Speedway Bag

SIM23301

Holds a helmet, head and neck restraint, suit, shoes, gloves, and more. Padded, lined, and ventilated main compartment. Wet/dry side compartments.



2018 Pit Backpack

SIM23307

Heavy-duty 600d poly construction backpack includes sufficient storage for helmet, head and neck restraint, driving suit, gloves, shoes, underwear, and related items. Heavy-duty, padded shoulder straps ease carrying.



Formula Bag NEW!

SIM23402

Large 27"L x 13"W x 17"H Formula bag is big enough to store helmet, head and neck restraint, driving suit, shoes, and gloves. Double-padded bag includes a retracting, telescopic handle and inline wheels to ease transport.



2020 Super Speedway Bag

NEW! SIM23403

Extra-large bag utilizes a telescoping handle and inline wheels to ease travel. Double-padded bag measures 33-1/2"L x 18"W x 16-1/2"H to provide sufficient room for a week at the track.





Helmet and FHR Combo Bag **NEW!** SIM23405

Compact, easy-to-carry bag effectively stores helmet and HANS or hybrid head restraint.

2020 Suit Tote Bag **NEW!** SIM23406

Slim, compact carry bag stores a complete driving suit. Emblazoned with the Simpson racing logo.



2020 Pit Pack Bag **NEW!** SIM23407

Back pack style bag measures 18"L x 13"W x 10"D, with padded shoulder straps and a top handle for eased carrying. Includes a large storage area, 17" laptop pocket, tablet pocket and glasses compartment.

Road Bag **NEW!** SIM23408

Overnight carry bag is 20" L. x 11" W. x 13" H. and includes padded back pack straps, retracting telescopic handle and inline wheels for eased transport. Capable of storing helmet, head restraint, personal gear, and more.



Jade 3 Driving Suits

Designed to be a high-quality, yet affordable driving suit. The Jade 3 is the only suit currently available in this pricing category with 360° arm gussets that provides increased comfort and mobility. Three-layer suit is sewn from durable FPF fabric and meets stringent SFI 3.2A/5 specifications. Lightweight suit features a tone-on-tone stitching and boot cuffs for added style and comfort. Offered as a one-piece suit, or jacket only in black.

Size	Part No.
One-Piece Driving Suits	
Medium	SC0001059J2MNR
Large	SC0001059J3LNR
X-Large	SC0001059J4XLNR
XX-Large	SC0001059J5XLNR
Jackets	
Medium	SC0001059JJ2MNR
Large	SC0001059JJ3LNR
X-Large	SC0001059JJ4XLNR
XX-Large	SC0001059JJ5XLNR



The Driver One-Piece Driving Suit

Lightweight and economical, the Driver is a single-layer version of the Jade 2 driving suit. Driving suit is sewn from treated FPF cotton for exceptional durability and fire protection. Suit meets stringent SFI 3.2A/1 specifications and is suitable for drivers, pit crew personnel, and officials. Offered in black only.

Size	Black
Small	SC0001051D1SNR
Medium	SC0001051D2MNR
Large	SC0001051D3LNR
X-Large	SC0001051D4XLNR
XX-Large	SC0001051D5XLNR
XXX-Large	SC0001051D6XLNR



Sprint 2020 Driving Suit **NEW!**

The latest evolution of the Sprint, a suit that combines exceptional fire protection, style and value. Double-layer suit, which meets SFI 3.2A/5 and FIA 8856-2000 specifications, is lighter and more breathable than previous models. Pre-curved, full floating sleeves and multiple stretch panels are incorporated to increase flexibility and comfort. One-piece suit is offered in navy/white, black, or black/red.

Size	Navy/White	Black	Black/Red
Medium	SC000109252BMBI	SC000109252NR	SC000109252NRRS
Medium/Large	SC000109254BMBI	SC000109254NR	SC000109254NRRS
Large	SC000109256BMBI	SC000109256NR	SC000109256NRRS
Large/X-Large	SC000109258BMBI	SC000109258NR	SC000109258NRRS
X-Large	SC000109260BMBI	SC000109260NR	SC000109260NRRS



JOE ROKOS

STEVE DATEMA

Competition US Driving Suit **NEW!**

All-new, lightweight triple-layer suit is manufactured using the latest generation of fabrics, combining a soft lightweight outer fabric with breathable inserts at the sides and underarms, and large stretch panels. One-piece suit features pre-curved, full floating arm sleeves, hidden pockets, boot cut pant legs, epaulettes and a lightweight zipper. Offered in white/black, black/red, navy/white or red/white, suit meets SFI 3.2A/5 specifications.

Size	White/Black	Navy/White	Black/Red	Red/White
Medium	SC0001128SFB52BINR	SC0001128SFB52BMBI	SC0001128SFB52NRBR	SC0001128SFB52RSBN
Med./Large	SC0001128SFB54BINR	SC0001128SFB54BMBI	SC0001128SFB54NRBR	SC0001128SFB54RSBN
Large	SC0001128SFB56BINR	SC0001128SFB56BMBI	SC0001128SFB56NRBR	SC0001128SFB56RSBN
Lg./X-Large	SC0001128SFB58BINR	SC0001128SFB58BMBI	SC0001128SFB58NRBR	SC0001128SFB58RSBN
X-Large	SC0001128SFB60BINR	SC0001128SFB60BMBI	SC0001128SFB60NRBR	SC0001128SFB60RSBN
X-/XX-Large	SC0001128SFB62BINR	SC0001128SFB62BMBI	SC0001128SFB62NRBR	SC0001128SFB62RSBN
XX-Large	SC0001128SFB64BINR	SC0001128SFB64BMBI	SC0001128SFB64NRBR	SC0001128SFB64RSBN
XX-/XXX-Large	SC0001128SFB66BINR	SC0001128SFB66BMBI	SC0001128SFB66NRBR	SC0001128SFB66RSBN





Conquest 2.0 Driving Suit **NEW!**

The latest evolution of the Conquest one-piece driving suit, the 2.0 is made from lighter, softer 100% Aramid material. An exceptional value, double-layer suit includes pre-curved arms for added comfort in the driving position. Offered in standard cuff or boot cuff designs in black/white or black/red, suit meets SFI 3.3A/5 and FIA 8856-2000 specifications.

Size	Black/White	Black/Red
Standard-Cuff Pant Leg Suits		
X-Small	SC000116648NRBI	SC000116648NRRS
Small	SC000116650NRBI	SC000116650NRRS
Medium	SC000116652NRBI	SC000116652NRRS
Medium/Large	SC000116654NRBI	SC000116654NRRS
Large	SC000116656NRBI	SC000116656NRRS
Large/X-Large	SC000116658NRBI	SC000116658NRRS
X-Large	SC000116660NRBI	SC000116660NRRS
X-Large/XX-Large	SC000116662NRBI	SC000116662NRRS

Boot-Cuff Pant Leg Suits		
X-Small	SC0001166B48NRBI	SC0001166B48NRRS
Small	SC0001166B50NRBI	SC0001166B50NRRS
Medium	SC0001166B52NRBI	SC0001166B52NRRS
Medium/Large	SC0001166B54NRBI	SC0001166B54NRRS
Large	SC0001166B56NRBI	SC0001166B56NRRS
Large/X-Large	SC0001166B58NRBI	SC0001166B58NRRS
X-Large	SC0001166B60NRBI	SC0001166B60NRRS
X-Large/XX-Large	SC0001166B62NRBI	SC0001166B62NRRS
XX-Large	SC0001166B64NRBI	SC0001166B64NRRS
XX-Large/XXX-Large	SC0001166B66NRBI	SC0001166B66NRRS

Head Sock

Head sock is made from seamless, stretchable Nomex for added flexibility and comfort. Meets FIA standards. Choose from white or black. One size fits all.

Part No.	Color
SC0001494B0	White
SC0001494NR	Black



Land 2020 Driving Gloves **NEW!**

Entry-level competition gloves feature an ergonomic palm design with reinforced stitching that conforms to the hand's position. Suede anti-slip fingertip and palm grips are incorporated to provide improved feel. Meets SFI and FIA specifications. Offered in blue, yellow, black, or red.

Size	Blue	Yellow	Black	Red
X-Small	SC000135708EB	SC000135708GF	SC000135708NR	SC000135708RS
Small	SC000135709EB	SC000135709GF	SC000135709NR	SC000135709RS
Medium	SC000135710EB	SC000135710GF	SC000135710NR	SC000135710RS
Large	SC000135711EB	SC000135711GF	SC000135711NR	SC000135711RS
X-Large	SC000135712EB	SC000135712GF	SC000135712NR	SC000135712RS
XX-Large	SC000135713EB	SC000135713GF	SC000135713NR	SC000135713RS



Arrow 2020 Driving Gloves **NEW!**

Gloves offer an incredible grip and exceptional comfort. Palms are imprinted with HTX, a patented material that increases grip, comfort, and dexterity. "Touch-S" technology allows using lap time apps, phones, etc. without removing gloves. SFI and FIA approved, gloves are offered in white/black, black/white or black/red.

Size	White/Black	Black/White	Black/Red
Medium	SC000131410BINR	SC000131410NRBI	SC000131410NRRS
Large	SC000131411BINR	SC000131411NRBI	SC000131411NRRS
X-Large	SC000131412BINR	SC000131412NRBI	SC000131412NRRS



Victory 2020 Driving Suit **NEW!**

The Victory is a single-layer driving suit that offers multi-layer-like protection. One-piece suit is constructed from soft, HOCOTEX material, which is two times more breathable than traditional suits, and utilizes a honeycomb structure with internal air cells for increased fire protection. Offered gray/orange or black/gray, suit meets SFI 3.2A/5 and FIA 8856-2000 standards.



Size	Gray/Orange	Black/Gray
Medium	SC0001135H52GNAR	SC0001135H52NGBO
Medium/Large	SC0001135H54GNAR	SC0001135H54NGBO
Large	SC0001135H56GNAR	SC0001135H56NGBO
Large/X-Large	SC0001135H58GNAR	SC0001135H58NGBO
X-Large	SC0001135H60GNAR	SC0001135H60NGBO
X-Large/XX-Large	SC0001135H62GNAR	SC0001135H62NGBO

Shield RW-9 Underwear

Shield FIA-certified Nomex undergarments are designed to deliver the highest degree of protection, comfort, and breathability. Choose from white or black.



Size	White	Black
Underwear Tops		
Medium/Large	SC0001764MB0ML	SC0001764MNRML
X-Large/XX-Large	SC0001764MBOXLXXL	SC0001764MNRXLXXL
XXX-Large	SC0001764MBOXXXL	SC0001764MNRXXL
Underwear Bottoms		
Medium/Large	SC0001765PB0ML	SC0001765PNRML
X-Large/XX-Large	SC0001765PB0LXXL	SC0001765PNRXLXXL
XXX-Large	SC0001765PB0XXL	SC0001765PNRXXL
Socks		
Small	SC0001511BI11	SC0001512NR11
Medium	SC0001511BI112	SC0001512NR112
Large	SC0001511BI12	SC0001512NR12
X-Large	SC0001511BI1212	SC0001512NR1212

Lap 2020 Driving Gloves **NEW!**

The Lap utilizes "hybrid" fingers, which are externally and internally stitched for added comfort while eliminating the pressure points from stitch lines. Palms include high-grip, smooth silicon for exceptional grip and feel. Gloves meet SFI and FIA standards. Offered in white/black, blue/white, black/white, or red/white.

Size	White/Black	Blue/White	Black/White	Red/White
X-Small	SC000131508BINR	SC000131508BNBI	SC000131508NRBI	SC000131508RSNR
Small	SC000131509BINR	SC000131509BNBI	SC000131509NRBI	SC000131509RSNR
Medium	SC000131510BINR	SC000131510BNBI	SC000131510NRBI	SC000131510RSNR
Large	SC000131511BINR	SC000131511BNBI	SC000131511NRBI	SC000131511RSNR
X-Large	SC000131512BINR	SC000131512BNBI	SC000131512NRBI	SC000131512RSNR
XX-Large	SC000131513BINR	SC000131513BNBI	SC000131513NRBI	SC000131513RSNR



Race 2 Driving Shoes

The Race 2 driving shoe is an evolution of the popular Race shoe with improvements for added comfort and control. A wide toe box and comfort Achilles panel offer eased ankle movement, while the new sole design provides improved pedal feel. Velcro closure provides a custom fit. SFI-approved, the Race 2 is offered in black only.

Size	Part No.
9	SC0001272009N
9-1/2	SC0001272095N
10	SC0001272010N
10-1/2	SC0001272105N
11	SC0001272011N
11-1/2	SC0001272115N





Slalom+ Fabric Driving Shoes **NEW!**

All-new, mid-top driving shoe features a durable suede and fabric upper, which allows it to stretch and breathe. Cushioned inner sole adds comfort, while the slim rubber sole is anti-slip, anti-static, oil, and fuel resistant. Offered in black only. Meets SFI and FIA standards.

Size	Part No.
SC000127441NR	7-7.5 (Euro 41)
SC000127442NR	8-8.5 (Euro 42)
SC000127443NR	9-9.5 (Euro 43)
SC000127444NR	10-10.5 (Euro 44)
SC000127445NR	11-11.5 (Euro 45)
SC000127446NR	12 (Euro 46)
SC000127447NR	13 (Euro 47)
SC000127448NR	13-14 (Euro 48)



Skid Driving Shoes **NEW!**

Lightweight driving shoes utilize an ultra-soft leather upper with an offset closure system, eliminating the need for a traditional shoe tongue. The offset design moves the pressure point of traditional laces from the top to the side for increased comfort. The rubber outer sole is specially-textured for improved pedal grip. Offered in black/gray or black, shoes meet SFI and FIA standards.

Size	Black/Gray	Black
8-8.5 (42 Euro)	SC000127542NRGR	SC000127542NRNR
9-9.5 (43 Euro)	SC000127543NRGR	SC000127543NRNR
10-10.5 (44 Euro)	SC000127544NRGR	SC000127544NRNR
11-11.5 (45 Euro)	SC000127545NRGR	SC000127545NRNR



X-Light Driving Shoes **NEW!**

Developed using feedback from professional drivers, the X-Light is constructed from Jaquard, a durable fabric that allows the shoe to stretch and breathe. Mid-boot design includes a calf-skin leather upper with perforated vents, while the pure lightweight rubber sole is anti-static, and fuel and oil resistant. Meets SFI and FIA specifications. Offered in gray/orange or black.

Size	Gray/Orange	Black
8-8.5 (42 Euro)	SC000128342GRAF	SC000128342NRGR
9-9.5 (43 Euro)	SC000128343GRAF	SC000128343NRGR
10-10.5 (44 Euro)	SC000128344GRAF	SC000128344NRGR
11-11.5 (45 Euro)	SC000128345GRAF	SC000128345NRGR



Pit Stop Shoes **NEW!**

An SFI-approved shoe that may be used for "over the wall" crew use, or for racing where a durable, thicker sole shoe is desired such as off-road racing. Shoe combines a suede upper with perforated tongue and heel for superior breathability with leather panels in the toe box and heel for durability. Sole is anti-static, and fuel and oil resistant. Black only.

Part No.	Size
SC00012CREW075NR	7.5
SC00012CREW008NR	8
SC00012CREW085NR	8.5
SC00012CREW009NR	9
SC00012CREW095NR	9.5
SC00012CREW010NR	10
SC00012CREW105NR	10.5
SC00012CREW011NR	11
SC00012CREW115NR	11.5
SC00012CREW012NR	12
SC00012CREW125NR	12.5
SC00012CREW013NR	13
SC00012CREW014NR	14
SC00012CREW015NR	15



Stand 21 Club III FHR **NEW!**

Lightweight and affordable, this effective FHR is constructed from thermoplastic-injected resin reinforced with carbon fiber. Proprietary honeycomb design provides a superior strength-to-weight ratio. Self-neutralizing floating single-tether provides maximum flexibility, while delivering superior driver protection. Meets stringent SFI 38.1 and FIA 8858-2000 specifications.

Part No.	Size
SCOSHR20LCS3	Club 3 FHR, Large
SCOSHR20MCS3	Club 3 FHR, Medium

Note: If replacing a Hans device that used spring-post anchors, new posts will not be required as they are compatible with the Club III. For all others, purchase of compatible spring posts are required for the Club III.



4.25L AFFF Electrical FIA Fire Extinguisher System **NEW!** SCO014772EXL

System allows extinguishing fire with the push of a button. Electrically activated system is sold complete with polished aluminum 4.25 liter bottle, mounting brackets, aluminum tubing, fittings, hose, controller, and wiring harness. Meets FIA specifications.



4.25L AFFF Mechanical FIA Fire Extinguisher System **NEW!** SCO014772MSL

Affordable fire protection for the weekend racer, complete mechanically-activated system includes red 4.25-liter bottle, mounting brackets, aluminum tubing, fittings, and activating cables. Meets FIA specifications.



Handheld Fire Extinguishers **NEW!**

Ideal for pit crew or safety personnel, handheld fire extinguishers feature a 2-liter capacity. Stainless steel fire bottles are sold complete with mounting bracket.

Part No.	Size
SC0014773BSS2	2-Liter ABC Fire Extinguisher, Red Finish
SC0014773BXLN2	2-Liter Novec Fire Extinguisher, Polished Stainless, FIA-Approved



QRT Performance Seat **NEW!** SCO008006NR

Racing seat is constructed using an advanced FIA race shell that is covered in handstitched Italian leather and Alcantara. The unique design features a lower seating position that can allow larger/taller drivers into smaller cockpits. FIA-approved seat offers up to 30% weight savings when compared to traditional fiberglass seats. Black only.

Note: Requires side mount SC0600W for proper mounting.





Evo QRT Seat **NEW!**

Redesigned seat is manufactured utilizing an ultra-light shell that is covered with a fire-retardant, non-slip fabric cover. Reduced shoulder bolster dimensions allows fitment into smaller cockpits, while including the ability to accommodate a medium-size driver. Up to 30% lighter than traditional fiberglass racing seats. FIA-approved, seat is offered in four sizes. Black only.

Part No.	Size
SC0008007RNR	Evo QRT Seat, Medium (Up to 34" Waist)
SC0008013RNR	Evo L QRT Seat, Large (Up to 36" Waist)
SC0008015RNR	Evo XL QRT Seat, X-Large (38" Waist)
SC0008024RNR	Evo S QRT Seat, Small (Up to 32" Waist)



Sprint Seat **NEW!**

Affordable, entry-level competition seat was designed specifically for the weekend racer, combining safety, styling, and value. The lightweight shell is fitted with a rigid, tubular steel frame and fire-retardant, non-slip cover. Seat, which includes holes for fifth and sixth seat belt positions, meets FIA standards.

Part No.	Size
SC0008234LNR	Sprint Seat, Large, Black Cloth
SC0008235NR	Sprint Seat, Black Cloth
SC0008235NRSKY	Sprint Seat, Black Vinyl
SC000984GR	Sprint Seat, Grey Cloth



Grid Q Seat **NEW!** SC0008009RNR

Designed to deliver exceptional lateral support, racing ergonomics, and improved safety, the Grid Q combines an ultra-light FIA shell with a fire retardant, non-slip fabric cover. Incorporated QRT technology results in a seat that is 30% lighter than traditional fiberglass units. Side cushion may be removed to accommodate larger drivers. HANS device-compatible. FIA-approved, seat is offered in black only.



Circuit II QRT Seat **NEW!**

SC0008011RNR

A wider version of the Circuit to accommodate larger drivers, seat is specifically designed for circuit use. Ultra-light, aramadic fiber-reinforced fiberglass shell is covered in impact absorbing and fire retardant fabric for maximum protection. Exceptionally rigid and lightweight seat is HANS device-compatible and FIA-approved. Offered in black only.



Pro 2000 QRT Seat **NEW!**

SC0008016RNR

Designed for a medium-sized driver with a waist size up to 34", the Pro 2000 QRT has been upgraded with new ergonomics and technology. Ultra-light shell is covered with fire-resistant, non-slip fabric. Removable/adjustable lumbar cushions allow a custom fit. FIA-approved seat is 30% lighter than traditional fiberglass units. Offered in black only.



QRT-C Seat **NEW!** SC0008025ZNR

Constructed using a "Pre-Preg" aerospace-grade carbon fiber shell, the QRT-C is exceptionally light, yet was specifically designed to accommodate larger drivers, comfortably fitting a 36" waist. Seat offers an excellent fit into smaller cockpits, and is fitted with a fire-retardant, non-slip cover. FIA-approved. Offered in black only.

Note: Requires side mount SC0600W for proper mounting.



Seat Mounts **NEW!**

SC0004903

Heavy-duty aluminum side mounts help provide a professional installation to competition seats. Side mounts include multiple holes to achieve the desired mounting position and may be mounted in either direction. Silver anodized mounts are sold per pair, complete with mounting hardware.



Tour Bag **NEW!**

Large, rolling duffel bag can store all racing gear including helmet, driving suit, gloves, shoes, head and neck restraint, and undergarments. Bag is 16"H x 33"L x 15"W and includes a telescoping handle, harness straps, and inline wheels to ease transport. Offered in black/red or black/silver.

Part No.	Size
SC0016437NRRS	Tour Bag, Black/Red
SC0016437NRSI	Tour Bag, Black/Silver



Travel Bag **NEW!**

Specifically sized as a "carry-on" bag for air travel, travel bag is 10"H x 22"L x 14"W. Stylish bag includes multiple internal pockets and a reinforced under compartment. Telescoping handle and inline wheels ease transport. Offered in black/red or black/silver.

Part No.	Size
SC0016438NRRS	Travel Bag, Black/Red
SC0016438NRSI	Travel Bag, Black/Silver



Trip Bag **NEW!** SC0016439NRSI

The ultimate duffel bag, made from durable, lightweight material, features a large-capacity top-zip compartment that can hold all racing gear. Measures 15" H x 26"L x 14"W, with incorporated shoulder strap and handle to ease carrying. Offered in black/silver only.



Stage Backpack **NEW!**

Designed to hold racing gear including a laptop and tablet, backpack measures 15"H x 12"L x 6"W. Features two front and side pockets, an organizer compartment with internal pockets, large main storage compartment, and a padded laptop compartment. Ergonomic padded shoulder straps ease carrying.

Part No.	Size
SC0016440NRAZ	Stage Backpack, Black/Blue
SC0016440NRNR	Stage Backpack, Black
SC0016440NRRS	Stage Backpack, Black/Red





Dry-Tech Helmet Bag **NEW!**

SCO016441NRSI

Innovative bag includes a built-in drying system with 12V fan and ventilation holes to keep helmet dry, clean, and fresh. Fan is powered by a USB cord, so any powered USB adapter may be used for power. Bag which includes carrying and shoulder straps, and can accommodate helmet with HANS device still attached. Black/silver only.



Targa 350 Steering Wheel

NEW! SCO015TARGA350PLNR

Engineered to improve grip and comfort in the driving position, the Targa 350 combines black anodized aluminum spokes with a smooth leather rim. Steering wheel has a 350 mm diameter and 39 mm dish, and is sold with standard and champion horn button emblems.



Strada 350 Steering Wheels

Versatile 350 mm diameter Strada steering wheel is equally suited to the street or track. Leather-covered steering wheel with black stitching and black spokes offers superior grip and comfort. Featuring a 39 mm dish design, Strada is offered in black or black/red.



Part No.	Size
SCO015TSDPLNR	Strada Steering Wheel, Black
SCO015TSDPLRS	Strada Steering Wheel, Black/Red



NEW VENDOR!

MidRise Intake Manifolds

High-performance, single-plane aluminum manifolds feature an effective range of 1,500-6,500 RPM. Choose from traditional MidRise or MidRise Air design, which include an open area under the plenum that reduces heat and provides a cooler, denser air/fuel charge. Natural-finished manifolds listed below accept a square-bore carburetor and do not have provisions for EGR.



Part No.	Description
MidRise Manifolds	
SPM1-147-031*	SB Chevy, 1957-95
MidRise Air Manifolds	
SPM1-147-007*	SB Chevy, 1957-95
SPM1-147-010	SB Chevy, 1996-Up Vortec
SPM1-147-049	SB Ford 260-302

***Includes bushings for 1987-95 iron cylinder heads.**

HiRise Intake Manifolds

Cast aluminum HiRise single-plane intake manifolds feature an open plenum design for maximum upper RPM horsepower. Listed manifolds listed have a 3,000-7,500RPM range, accept square-bore carburetors, and feature a natural finish.



Part No.	Description
SPM1-147-013*	SB Chevy, 1957-95
SPM1-147-025	SB Ford 351W
SPM1-147-034	SB Chevy, 1996-Up Vortec
SPM1-147-052	SB Ford 260-302

***Includes bushings for 1987-95 iron cylinder heads.**

PCE Eliminator Intake Manifold for SB Chevy/Vortec **SPMPCE147.1021**

Engineered for 1955-95 small block Chevys fitted with 1996-up Vortec cylinder heads and a square bore carburetor. It can also be used on '96-up Vortec engines with minor modifications. Aluminum, natural finish manifold has a 1,500-6,500 RPM range and includes an open area under the plenum that reduces heat and provides a cooler, denser air charge.



PCE Shootout Intake Manifold for SB Ford 351W **SPMPCE147.1052**

High-rise, single-plane aluminum manifold is designed for high-winding Ford 351W engines operating in the 3,500-8,000 RPM range. Natural-finish manifold accepts a square bore carburetor, and includes a bridged rear water crossover for improved cooling. An open area under the plenum helps provide a cooler, denser air charge.



4150 Aluminum 4-Hole Carb Spacer **SPMPCE120.1009**

Precision CNC-machined from billet 6061-T6 aluminum, 2" tall spacer provides added plenum volume to 4150 square bore carbureted applications. Spacer provides a smooth transition for the air/fuel mixture, while also serving to insulate the carb from the manifold, increasing performance.



Billet Steel Flexplates

One-piece flexplates are manufactured from premium 4340 steel and offer exceptionally strong gear teeth, the least runout, and superior durability. Meet SFI 29.2 specifications



Part No.	Application	Rear Balance Main Seal	Teeth	Finish
SPM1-226-001	Chevy	Internal 2-Pc.	153	Natural
SPM1-226-009	Chevy	Internal 2-Pc.	153	Black Oxide

Billet Steel Flywheels

Fully CNC-machined from aircraft quality, high-carbon billet steel. Meets SFI 1.1 specifications.



Part No.	Application	Rear Balance Main Seal	Teeth	Finish
SPM1-229-001	Chevy	Int./Ext. 2-Pc.	153	Black Oxide
SPM1-229-013*	SB Ford	289-351 Int./Ext. N/A	164	Natural

***Includes removable weights for externally-balanced applications.**

GM LS EFI Intake Manifolds

Cast aluminum EFI manifolds feature a larger plenum area, a necessity for larger displacement GM LS engines. Manifolds offer a 1,500-6,500 RPM range and are a direct replacement on any LS1, LS2, or LS6. Sold complete with gaskets and fasteners.



Part No.	Description
SPM1-148-032*	GM LS1/LS6, 85 mm
SPM1-148-035*	GM LS1/LS6, 96 mm
SPM1-148-038	GM LS2, 96 mm, 4-Bolt Intake

*Included tapered adapter converts 3-bolt intake to 4-bolt throttle body.

Aluminum Cylinder Heads

Cost-effective, high-performance PCE aluminum cylinder heads are CNC-machined for accuracy and fully assembled with high-quality components including stainless steel intake and exhaust valves, dual 1.450" dia. valve springs, chrome moly retainers, 10° valve locks, and positive stop valve seals. Sold per pair.



Part No.	Application	Intake Runner	Comb. Chamber	Plug	Intake Valve	Exhaust Valve
SPMPCE281.2001	SB Chevy 23°	190cc	64cc	Angle	2.020"	1.600"
SPMPCE281.2004	SB Chevy 23°	190cc	64cc	Straight	2.020"	1.600"
SPMPCE281.2046	SB Ford 289-351W 20°	190cc	62cc	Std.	2.020"	1.600"

Cylinder Head Stud Kits

Manufactured from aircraft-quality, high-tensile 8740 chrome moly steel, studs are heat-treated prior to thread rolling and machining. Rated at 190,000 PSI, stud kits are sold complete with 12-pt. nuts and hardened parallel washers for even distribution and accurate torque readings.



Part No.	Application
SPMPCE279.1001	SB Chevy 265-400
SPMPCE279.1012	SB Ford 351W

SB Ford Aluminum Valve Covers

Tall aluminum valve covers are designed for small block Ford 289-351W engines and offer sufficient clearance to roller rocker arms. Valve covers include internal baffles and have provisions for breathers, purchased separately. Black powder coat-finished and emblazoned with "347 C.I. Stroker". Sold per pair.



El Rayo Ignition System

El Rayo offers reliable, consistent ignition performance. Utilizing a small distributor cap to eliminate space concerns, distributor is precision CNC-machined from billet 6061-T6 aluminum and fitted with a heavy-duty 1/2" steel shaft, magnetic pickup assembly, adjustable mechanical advance mechanism, and cap with "spark plug" type terminals. Sold complete with matching E-core ignition coil, rubber shock mounts, and wiring harness.



Part No.	Description
SPM1-385-001	Chevy V8
SPM1-385-002	SB Ford 289-302
SPM1-385-003	SB Ford 351W

Transmission Oil Cooler and Fan Kit

SPMPCE187.1001

Combining a high-capacity dual-pass oil cooler with a 10" electric fan provides maximum cooling to virtually any vehicle. Cooler measures 11-1/2" x 12-1/2" x 5", and features a black powder coated finish, a core with 1/2" copper tubes, 3/4" aluminum fins, -6AN male inlet/outlet ports, and plastic edge-guard protectors. Kit includes clear anodized billet aluminum brackets to provide easy installation.



GM LS Main Stud Kit

SPMPCE287.1024

Kit can substantially improve the bottom end rigidity of GM LS1, LS2, LS6, and LSX engines. Includes aircraft-quality, high-tensile 8740 chrome moly steel studs rated at 190,000 PSI. Sold complete with 12-pt. nuts and 4130 washers for even distribution and accurate torque readings.



SB Chevy 5140 Forged Steel I-Beam Connecting Rods

Forged from 5140 steel, small block Chevy 5.700" connecting rods are profiled, shot peened, polished, and fit with ARP2000 cap screw bolts for durability. Sold in sets of eight, rods are bushed for use with full floating wrist pins. Suitable for applications with up to 600 HP.



Part No.	Rod Application	Pin Length	Big Journal	End Bore	End Width
SPM1-274-003	SB Chevy	5.700"	2.100"	.927"	.945"

Oil Pump Primer Tool

SPMPCE400.1001

Designed for Chevy engines, this black oxide-coated primer tool is manufactured with a billet aluminum adjustable collar and aluminum sleeve that precisely positions the shaft to prevent wobbling.



SB Chevy 4340 Forged Steel H-Beam Connecting Rods

Premium H-beam connecting rods are among the strongest available. Forged from premium 4340 steel, rods are profiled for extra clearance for stroker applications and utilize a specially-doweled cap for precise cap-to-rod alignment. Sold in sets of eight, rods are bushed for use with full floating wrist pins.

Part No.	Application	Rod Length	Rod Journal	Pin End Bore	Big End Width
SPM1-274-015	SB Chevy	5.700"	2.100"	.927"	.945"
SPM1-274-019	SB Chevy	6.000"	2.100"	.927"	.945"



NEW VENDOR!



DEREK LOSH

STEVE DATEMA

Dirt Racing Air Filters

Spyder Filtration offers the ultimate dirt racing filtration technology, providing unmatched protection, while producing maximum horsepower, even when competing under the most demanding conditions. Highly advanced filter media may be restored to like-new condition in minutes using compressed air. Filters are long lasting, easy to maintain, fully washable using household cleaners such as Simple Green, and require no oiling.



Part No	Description
SPYSF1430	14" Dia. x 3" Tall Air Filter
SPYSF1440	14" Dia. x 4" Tall Air Filter
SPYSF1450	14" Dia. x 5" Tall Air Filter
SPYSF1460	14" Dia. x 6" Tall Air Filter

Pavement Racing Air Filters

Spyder Filtration's Pavement Racing air filters offer ultra-low restriction airflow, maximizing engine breathing. Air filters are specially engineered to reduce turbulence, improve carburetor booster signals, while protecting race engines from harmful debris. Pavement racing filters are long lasting, easy to maintain, fully washable using household cleaners such as Simple Green, and require no oiling.



Part No	Description
SPYSF2430	14" Dia. x 3" Tall Air Filter
SPYSF2440	14" Dia. x 4" Tall Air Filter
SPYSF2450	14" Dia. x 5" Tall Air Filter
SPYSF2460	14" Dia. x 6" Tall Air Filter



Standard Gap "Drop-In" Plasma Moly Piston Ring Sets By Application

Speed-Pro's standard gap "drop-in" plasma moly piston ring sets may be installed right out of the box without the hassles of file-fitting. Sets include plasma moly-faced, ductile iron top rings, taper face iron second rings, and standard tension, stainless steel SS-50 oil rings. Please specify size/oversize (Standard, .020", .030", .040", .060") when ordering.

Engine	Standard Bore	Top Ring	2nd Ring	Oil Ring	Sizes Available	Part No.
Chevy						
302, 327, 350	4.000"	5/64"	5/64"	3/16"	Standard, .030", .060"	SEAR9903
		1/16"	1/16"	3/16"	Standard, .020", .030", .040", .060"	SEAR9902
		1/16"	1/16"	1/8"	Standard, .030", .060"	SEAR9968
400	4.125"	5/64"	5/64"	3/16"	.030", .060"	SEAR10374
		1/16"	1/16"	3/16"	Standard, .030", .040"	SEAR10375
Ford						
289, 302, 351W 351C, 351M, 400	4.000"	5/64"	5/64"	3/16"	Standard, .030", .060"	SEAR9903
		1/16"	1/16"	1/8"	Standard, .030", .060"	SEAR9968
		1/16"	1/16"	3/16"	Standard, .020", .030", .040", .060"	SEAR9902



Claimer Series Piston Ring Sets

Race-proven and specifically engineered for oval track claimer engines, each standard fit set includes 1/16" standard or moly-faced beveled top rings for high-RPM sealing, 1/16" taper-face second rings, and SS-50 stainless steel standard-tension 3/16" oil control rings for maximum oil control. Please specify size/oversize (Standard, .030", .040", .060") when ordering.

Engine	Standard Bore	Top Ring	2nd Ring	Oil Ring	Sizes Available	Part No.
Chevy						
302, 327, 350	4.000"	1/16" Standard	1/16"	3/16"	Standard, .030", .060"	SEAR6902
		1/16" Moly	1/16"	3/16"	Standard, .030", .040", .060"	SEAR8902
400	4.125"	1/16" Moly	1/16"	3/16"	.030", .040"	SEAR8375
Ford						
289, 302, 351W	4.000"	1/16" Standard	1/16"	3/16"	Standard, .030", .060"	SEAR6902
	4.000"	1/16" Moly	1/16"	3/16"	Standard, .030", .040", .060"	SEAR8902



Powerforged Pistons

VMS-75 alloy pistons are CNC-machined to tight tolerances, media-blasted, and Duroshield coated. Available in standard, +.020", +.030", +.040", and +.060" sizes. (Specify size after part number (xx). Sold in weight matched sets of eight, with wrist pins.

Engine	Part No.	Available Sizes	Use	Comp. Ratio	Comp. Height	Top Ring	2nd Ring	Oil Ring
327	SEAL2441AF30	.030"	Street	8.3:1	1.560"	5/64"	5/64"	3/16"
	SEAL2166AFxx	.030", .040"	Street	10.2:1	1.675"	5/64"	5/64"	3/16"
	SEAL2441AF30	.030"	Street	8.3:1	1.560"	5/64"	5/64"	3/16"
	SEAL2256Fxx	Standard, .020", .030", .040", .060"	Street	9.7:1	1.563"	5/64"	5/64"	3/16"
350	SEAL2256Fxx	Standard, .020", .030", .040", .060"	Street	9.7:1	1.563"	5/64"	5/64"	3/16"
	SEAL2252YF30	.030"	Street	10.0:1	1.565"	1/16"	1/16"	3/16"
Ford								
289, 302, 1968-72 and 1977-Up	SEAL2482Fxx	.030", .040"	Street	9.1:1	1.605"	5/64"	5/64"	3/16"
351W	SEAL2446F30†	.030"	Street	9.1:1	1.772"	5/64"	5/64"	3/16"

* Must use 400 crankshaft (3.750" stroke) and 350 rods (5.700" length). † Block with 8.206" deck height. ‡ Blocks with 8.229" deck height. Compression ratios are based on these combustion chambers: small block Chevy- 64cc, small block Ford- 63cc.

Competition Series Engine Bearings

Bearings offer improved dimensional accuracy, reduced overplate resistance, and resistance to fatigue. Please specify sizing (standard, .001", .010", .020", .030", or 1x) when ordering.



Application	Rod Bearings	Main Bearings	Cam Bearings
Small Block Chevy			
283, 327	SEA8-7065CH	—	SEA1235M†
302, 305, 307, 350	SEA8-7100CH	SEA139M	SEA1235M
400	SEA8-7100CH	SEA140M	SEA1235M
Small Block Ford			
289-302	SEA8-7160CH	SEA129M	SEA1204M
351W	SEA8-7155CH	SEA130M	SEA1204M

† Fits 1964-up only.

Complete Timing Chain Kits

All-in-one timing chain kits include precision double-roller timing chain, machined cast iron cam sprocket, hardened billet steel, multi-keyway crank sprocket, timing and water pump gaskets, and front oil seal.



Part No.	Description
SEACTS1100NR	SB Chevy, Street Performance Double-Roller
SEACTS1138NR	SB Ford 289-351W, Street Performance Double-Roller

Timing Cover Seals **NEW!**

Stock replacement timing cover seals.

Part No.	Description
SEA3945	Big Block Chevy 396-454
SEA9845	Small Block Chevy 265-400



Camshaft and Lifter Prelube

[SEA55-400](#)

Assembly lube is formulated for excellent break-in protection and will quickly dissolve in oil after engine has warmed. 4-oz. bottle.



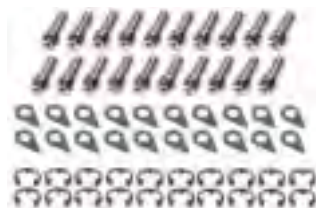


Locking Header Bolts

Locking header bolts may be used over and over. Also available in stainless steel for limited applications.

Part No.	Description
SGE8900	GM LS1/LS6, 8 mm-1.25 x 22 mm 6-Pt. DHH, 12 Pcs.
SGE8911	SB Chevy 265-400, 3/8"-16 x 3/4" DHH, 12 Pcs.
SGE8911A	SB Chevy 265-400, 3/8"-16 x 1" DHH, 12 Pcs.
SGE8931	SB Chevy 265-400, 3/8"-16 x 1" 12 Pt., 12 Pcs.
SGE8951	SB Chevy 265-400, 3/8"-16 x 1" 6-Pt., 12 Pcs., Stainless
SGE8913	SB Ford 260-351, 3/8"-16 x 3/4" DHH, 16 Pcs.
SGE8913A	SB Ford 260-351, 3/8"-16 x 1" DHH, 16 Pcs.

Note: "DHH" signifies double hex-head.



Stage 1 Water Pumps

Pumps use new original equipment iron castings that are machined and assembled to exacting standards. Pumps appear stock externally and may be used with stock lines and brackets. Unlike stock pumps, the Stage 1 has a precisely machined fan hub for perfect pulley alignment, high-flow impeller, special water/anti-freeze compatible seal assembly, and, on some Stage 1 models, a severe-duty 3/4" ball/roller bearing. The Stage 1 has a full one-year warranty.



Part No.	Description
Small Block Chevrolet	
STE12103	Pre-1969, Short, 5/8" Shaft - (5.625")
STE12203	Pre-1969, Short, Severe Duty 3/4" Shaft - (5.625")
STE13103	1971-82 Corvette, Severe Duty 3/4" Shaft - (5.795")
STE13113	1969-86 Long, 5/8" Shaft - (6.932")
Small Block Ford	
STE16133	1979-85 221-351W, 5/8" Shaft - (5.734")
STE16173	1986-93 221-351W, 5/8" Shaft - (5.734")

Stage 2 Water Pumps

Stage 2 pumps are inexpensive, but very effective and include exclusive Stewart features like 356-T6 heat-treated, ribbed aluminum castings, extra-rigid cam stops with exclusive 5/8" or 3/4" ball/roller bearings, maximum-flow, close-tolerance nodular iron impellers, machined fan hubs with dual bolt patterns, and water/anti-freeze compatible seal assemblies.



Part No.	Description
Small Block Chevrolet	
STE22103	Pre-1969, Short, 5/8" Shaft - (5.625")
STE22203	Pre-1969, Short, Severe Duty 3/4" Shaft - (5.625")
STE23103	1971-82 Corvette, 3/4" Shaft - (5.795")
STE23113	1969-86 Long, 5/8" Shaft - (6.932")

Stage 3 Water Pumps

Stage 3 pumps have precisely machined 1/2" steel billet fan hubs for perfect pulley alignment, and exclusive features like 356-T6 heat-treated cast aluminum housings with added ribs in snout for maximum strength. Also standard are 3/4" ball/roller bearings with 5 times the load-carrying capacity of standard double ball bearings. Dual bolt pattern fan hubs have set screws for positive positioning, and extra-rigid cam stops. Stage 3 pumps use maximum-flow, close-tolerance nodular iron impellers for reduced cavitation and have auxiliary water inlets and 12-point mounting bolts with chrome moly washers. Seals are water/anti-freeze compatible.



Part No.	Description
Small Block Chevrolet	
STE32200	Adjustable, Pre-1969 Short, 3/4" Shaft - (5.625")
STE32203	Pre-1969 Short, 3/4" Shaft - (5.625")
STE33100	Adjustable, 1971-82 Corvette, 3/4" Shaft - (5.795")
STE33103	1971-82 Corvette, 3/4" Shaft - (5.795")
STE33143	Short Racing Series, AN Outlets & Additional Inlets, 3/4" Shaft - (5.795")
Small Block Ford	
STE36113	SVO V-8 - (5.700")

Stage 4 Water Pumps

Stage 4 pump incorporates all-new DRV-8 Series 8-vane CNC-machined 6061-T6 billet aluminum impellers. Flows up to 41% more water at twice the pressure of traditional units, assuring equal flow to left and right cylinder heads while consuming less horsepower. Has all the same features as Stage 3 Pumps, plus a full one-year warranty.



Part No.	Description
Small Block Chevrolet	
STE42200	Pre-1969 Short, 3/4" Shaft, Adjustable - (5.625")
STE42203	Pre-1969 Short, 3/4" Shaft - (5.625")
STE43103	1971-82 Corvette, 3/4" Shaft - (5.795")
STE43143	1971-74 Corvette, Short, 3/4" Shaft (5.795") NEW!
Small Block Ford	
STE46113	1970-78 302-351W & SVO, 3/4" Shaft (5.700") NEW!

Pro Series Water Pumps

Pro Series Water Pumps utilize a Twin Volute housing and replaceable water pump cartridge, which provides a perfectly balanced and unsurpassed flow of coolant to both sides of the block. Heavy-duty hub and bearing help provide increased durability. Super-efficient pumps use only two horsepower, while delivering 50 GPM of flow.



Part No.	Description
STE14000*	SB Ford, Fits Windsor Blocks, 1-3/4" Inlet
STE50005	SB Chevy, Fits All SB-2 Blocks, 1-3/4" Inlet

* Bolts directly up to a Yates belt drive. Spacers must be used when using a timing chain and OEM timing cover.

High-Flow Thermostats

Manufactured by Robert Shaw and modified by Stewart, these custom thermostats feature a balanced sleeve design and are engineered for high-flow, high-RPM applications. Strongly recommended for any performance engine. Must be used with Stewart Stage 2, 3, or 4 water pumps.



Part No.	Description
STE300	160°F, Most Domestic Applications
STE301	180°F, Most Domestic Applications
STE302	195°F, Most Domestic Applications



ST5.1 GT Carbon **NEW!**

The ST5 GT carbon features a fully redesigned shell for optimized size, air flow, visibility, and reduced weight. Constructed from advanced Autoclave-molded carbon/Kevlar composite for the ultimate in protection and weight savings. Meets stringent Snell SA2020 and FIA8859-2015 standards, and includes noise-attenuating earmuffs, fully integrated intercom plug, and integrated M6 nuts to provide full head and neck restraint compatibility. Offered in natural carbon fiber finish.



Size	Part No.
Small (55 cm)	STIAA0700AF1T55
Medium (57 cm)	STIAA0700AF1T57
Large (59 cm)	STIAA0700AF1T59
Large (60 cm)	STIAA0700AF1T60
X-Large (61 cm)	STIAA0700AF1T61
XX-Large (63 cm)	STIAA0700AF1T63
XXX-Large (64 cm)	STIAA0700AF1T64

ST5.1 GT Composite **NEW!**

Constructed from Autoclave-molded Kevlar/fiberglass composite, the ST5.1 GT Composite meets stringent Snell SA2020 and FIA8859-2015 standards. Includes noise-attenuating earmuffs, fully integrated intercom plug, and M6 nuts to provide head and neck restraint compatibility. Offered in silver or flat black. Choose from helmets with or without integrated Rally electronics, a basic kit designed for intercom use in a relatively low-noise environment.



Size	Silver Part No.	Flat Black Part No.
ST5.1 GT Composite		
X-Small (54 cm)	STIAA0700AF2T54	STIAA0700AF2T540401
Small (55 cm)	STIAA0700AF2T55	STIAA0700AF2T550401
Medium (57 cm)	STIAA0700AF2T57	STIAA0700AF2T570401
Large (59 cm)	STIAA0700AF2T59	STIAA0700AF2T590401
Large (60 cm)	STIAA0700AF2T60	STIAA0700AF2T600401
X-Large (61 cm)	STIAA0700AF2T61	STIAA0700AF2T610401
XX-Large (63 cm)	STIAA0700AF2T63	STIAA0700AF2T630401
XXX-Large (64 cm)	STIAA0700AF2T64	STIAA0700AF2T640401
ST5.1 GT Composite with Rally Electronics		
Large (59 cm)	STIAA0700AF2T59AE0210	STIAA0700AF2T590401AE021
Large (60 cm)	STIAA0700AF2T60AE0210	STIAA0700AF2T600401AE021
X-Large (61 cm)	STIAA0700AF2T61AE0210	STIAA0700AF2T610401AE021

ST5 Helmet Drinking System Kit **STIYA0600**

Hands-free kit provides the driver with access to a cool drink. Designed exclusively for use with ST4 or ST5 helmets. Includes bite valve, tube, and male and female quick-release couplings.



Replacement Visors

High-quality anti-fog visors fit all ST5 helmets.



Clear	Medium Smoke	Dark Mirror	Blue Iridium	Red Iridium	Yellow Iridium	Amber
STIYA0800	STIYA0801	STIYA0804	STIYA0805	STIYA0807	STIYA0809	STIYA0813

Helmet Accessories and Replacement Components

Part No.	Description
STIYA0817	Visor Screw Kit, ST5
STIYA0818	Visor Locking Pin, ST5
STIYA0834	Top Air, Non-Adjust, ST5



Shield Cleaner **STIYA0640**

Cleans shields effectively without damaging anti-fog and anti-scratch coatings. Sold in 20-oz. aerosol can.



Tear-Offs

Tear-offs are laminated, 2 mil thick, and fit all Stilo ST5 helmets. Sold in three packages of ten pieces (30 tear-offs).

Part No.	Description
ROP10259C	Clear
STI10259S	Smoke



Helmet Bag **STIYY0016**

Emblazoned with the Stilo logo, premium-quality helmet bag is big enough for a helmet and head and neck restraint. Bag includes a durable canvas exterior, padded velour interior, and heavy-duty zipper.



Rally Electronics Accessories

Part No.	Description
STIAC0213	Adapter, Stilo Helmet to 3C
STIAC0810SL	Adapter, Stilo Helmet to Raceceiver

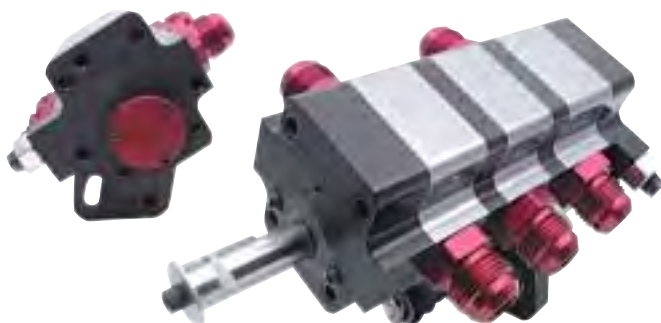


Zainetto Backpack **STIYA0017S**

Durable oxford polyester fabric backpack can safely store personal items including laptop, glasses, headgear, and more. Multiple side and front organizer pockets provide plenty of storage for smaller items. Backpack is 18"H x 16"W x 8"D and includes adjustable shoulder and chest straps for eased carrying.



Dry Sump Oil Pumps



SCP pump bodies are machined from 7075-T6 aluminum, then anodized. Pumps incorporate O-ring bodies for quick and easy assembly. All pumps are hand assembled and dyno tested for pressure and flow volume. Pump includes all fittings and plugs.

Part No.	Description
3-Stage Dry Sump Pumps - Engine Mount	
SCPSCP-201A	SB Chevrolet, (2) 1.200" Wide Scavenge Stages and (1) 1.450" Wide Pressure Stage
SCPSCP-201B	SB Chevrolet, (3) 1.450" Wide Stages
4-Stage Dry Sump Pump - Engine Mount	
SCPSCP-204A	SB Chevrolet, (3) 1.200" Wide Scavenge Stages and (1) 1.450" Wide Pressure Stage
4-Stage Dry Sump Pumps - Bert/Brinn Mount	
SCPBT204AWKSE	Bert/Brinn, with Rear Mount Adapter for KSE TandemX Pump, (3) 1.200" Wide Scavenge Stages and (1) 1.450" Wide Pressure Stage
SCPBT214	Bert/Brinn, (3) 1.450" Wide Scavenge Stages, and (1) 1.450" Wide Pressure Stage

Notes: If you have an engine mount dry sump pump and want a Bert/Brinn mount pump, you must purchase the following mounting plates:

3-Stage Dry Sump Pump - (1) set of SCP1051
4-Stage Dry Sump Pump - (1) set of SCP1051 and (1) set of SCP1051-5

Gilmer Pulleys

Made from hard-anodized 7075-T6 aluminum.

Part No.	Description
SCP1104-28	28-Tooth Pump Pulley

Gilmer Belts

Part No.	Description
SCP225L100	22-1/2" Length Belt
SCP240L100	24" Length Belt
SCP255L100	25-1/2" Length Belt

Pump Mount SCP1289

Small block Chevy aluminum pump mount riser plate has two positions and raises pump either one or two inches.



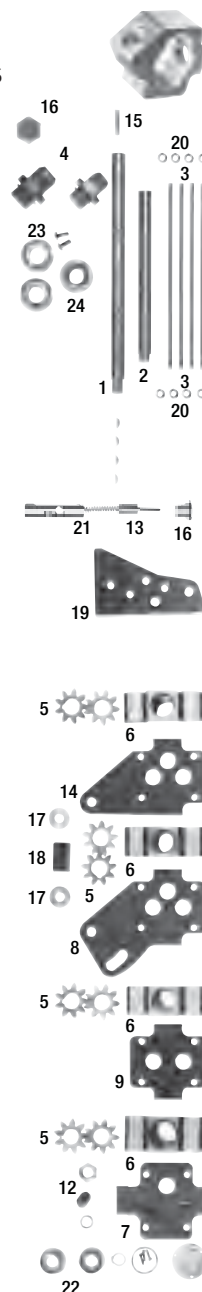
Dry Sump Replacement Parts

Item No.	Part No.	Description
Studs		
3	SCP1067-4	Fits Pumps SCP-204/204-A (7.825" Long)
Fittings		
4	SCP1114-1	-10 Port/-12
4	SCP1202-10	-10 Port/-10
4	SCP1210-10	-12 Port/-10
4	SCP1212-12	-12 Port/-12
4	SCP1216-16	-12 Port/-16
Gears		
5	SCP1045	Idler 1.450"
5	SCP1045K	Drive 1.450"
5	SCP1055	Idler 1.200"
5	SCP1055K	Drive 1.200"
Gear Bodies		
6	SCP1047	1.450"-12 In and Out
6	SCP1057	1.200"-10 In and Out
6	SCP1057-12	1.200"-10 In and Out
6	SCP1075	1.200", 45°, -10 In and Out
6	SCP1076	1.450" 45° -12 In and Out
8	SCP1058	Mount Plate 3-Stage
Misc. Components		
12	SCP1064	Adjusting Screw and Nut
13	SCP1065	Poppet
—	SCP1051	Mount Plate, Bert/Brinn, New Style
—	SCP1051-5	Mount Plate, Bert/Brinn, Includes Kidney Port, New Style
—	SCP38-24	3/8" Internal Hex Drive Screw, 3/8"-24 Thread, Each NEW!
15	SCP1071	Key 3/16" Square (Ground)
17	SCP1215-4*	Front Seal and Small Parts Kit
19	SCP1289	Riser Plate S.B.C.
20	SCP1428-T	Nut 1/4"-28 Allen
21	SCP1472	Spring, High-Pressure
21	SCP1473	Spring, Medium-Pressure
22	SCPS5K	Bearing Back Body (2 Req'd.)
23	SCPS7K	Bearing Front Body (2 Req'd.)
24	SCP6373	Front Seal (All Pumps)

*** Kit includes all O-rings, Allen screws, 4-#404 Woodruff keys, Tru-Arc ring, and front seal.**

Drive Kit SCPD-290

Drive kit uses V-groove belts for water pump and accessories, and a cog-style belt to run dry sump pump. Kit includes a keyed mandrel, mandrel bolt, V-groove pulley halves (2 pair), .500" spacer, 16-tooth cog pulley, and a hat washer.



Gun Drilled Short Track Axles

Oval track axles are manufactured from ultra-high-strength alloy steel for outstanding yield and tensile strength. CNC-hobbed splines provide precise tolerances and even torque transfer, and are heat-treated, shot-peened, and REM finished to increase durability. Axles are gun-drilled .578" to reduce rotating weight.



Part No.	Description	Length	O.D.
SOTAGY10802850	31-Spline Axle	28.5"	1.080"
SOTAGY11152850	31-Spline Axle	28.5"	1.115"
SOTAGY11302850	31-Spline Axle	28.5"	1.130"
SOTAGY10802950	31-Spline Axle	29.5"	1.080"
SOTAGY11002950	31-Spline Axle	29.5"	1.100"
SOTAGY11153000	31-Spline Axle	30.0"	1.115"
SOTAGY11303000	31-Spline Axle	30.0"	1.130"
SOTAGY11453000	31-Spline Axle	30.0"	1.145"
SOTAGY10803050	31-Spline Axle	30.5"	1.080"
SOTAGY11153050	31-Spline Axle	30.5"	1.100"
SOTAGY11003050	31-Spline Axle	30.5"	1.115"
SOTAGY11303050	31-Spline Axle	30.5"	1.130"
SOTAGY11453050	31-Spline Axle	30.5"	1.145"
SOTAGY11003100	31-Spline Axle	31.0"	1.100"
SOTAGY11153100	31-Spline Axle	31.0"	1.115"
SOTAGY11003150	31-Spline Axle	31.5"	1.100"
SOTAGY11303150	31-Spline Axle	31.5"	1.130"
SOTAGY11153200	31-Spline Axle	32.0"	1.115"
SOTAGY11303200	31-Spline Axle	32.0"	1.130"
SOTAGY11453200	31-Spline Axle	32.0"	1.145"
SOTAGY11153250	31-Spline Axle	32.5"	1.115"
SOTAGY11303250	31-Spline Axle	32.5"	1.130"
SOTAGY11453250	31-Spline Axle	32.5"	1.145"
SOTAGY11653250	31-Spline Axle	32.5"	1.165"
SOTAGY11303262	31-Spline Axle	32.62"	1.130"
SOTAGY11003300	31-Spline Axle	33.0"	1.100"
SOTAGY11153300	31-Spline Axle	33.0"	1.115"
SOTAGY11303300	31-Spline Axle	33.0"	1.130"
SOTAGY11453300	31-Spline Axle	33.0"	1.145"
SOTAGY11653300	31-Spline Axle	33.0"	1.165"
SOTAGY11803300	31-Spline Axle	33.0"	1.180"
SOTAGY11153350	31-Spline Axle	33.5"	1.115"
SOTAGY11153400	31-Spline Axle	34.0"	1.115"
SOTAGY11303400	31-Spline Axle	34.0"	1.130"
SOTAGY11653400	31-Spline Axle	34.0"	1.165"
SOTAGY11803400	31-Spline Axle	34.0"	1.180"
SOTAGY12003400	31-Spline Axle	34.0"	1.200"
SOTAGY11303450	31-Spline Axle	34.5"	1.130"
SOTAGY11453500	31-Spline Axle	35.0"	1.145"
SOTAGY11653600	31-Spline Axle	36.0"	1.165"
SOTAGY11453600	31-Spline Axle	36.0"	1.145"
SOTAGY11653600	31-Spline Axle	36.0"	1.165"
SOTAGY12003600-2*	31-Spline Axle	36.0"	1.200"
SOTAGY11803500	31-Spline Axle	35.0"	1.180"
SOTAGY12003500	31-Spline Axle	35.0"	1.200"
SOTAGY12003650	31-Spline Axle	36.5"	1.200"
SOTAGY11453650	31-Spline Axle	36.5"	1.145"
SOTAGY12003700	31-Spline Axle	37.0"	1.200"
SOTAGY11653950	31-Spline Axle	39.5"	1.165"
SOTAGY12204100	31-Spline Axle	41.0"	1.220"

*Signifies axle with 2" of inboard spline rather than 3.25". Recommended for very high horsepower (900+ HP) oval track applications that utilize an aluminum spool.

Wide 5 Oval Track Drive Plates

Lightweight, durable Wide 5 drive plates are manufactured from aircraft-quality aluminum and fitted with steel-splined inserts for improved longevity. Drive plates are mill-scalloped to reduce weight and include flanged steel sleeve mounting hole bushings for reduced distortion.



Part No.	Description
SOTADW500	Aluminum Standard 5-Lug Drive Plate
SOTADW800	Aluminum 8-Lug Drive Plate
SOTADW500C	Replacement Dust Cap
SOTADW500E	Replacement Dust Cap Bolt, Each
SOTS50000	Replacement Dust Cap O-Ring

The KERA Concept and Proper Axle Selection

Although the left and right axles are different lengths, they are typically the same diameter, and therein inherently lies the problem. Because the right axle is longer, it has a lower spring rate than the left. The result is that left axle does not "wrap-up" as great as the right and the car has a tendency to steer right on initial acceleration because the left rear sees the power first.

By simply using a smaller diameter left rear axle with the KERA ("Kleban Equal Response Axles") split diameter concept (also referred to as wrap axle), torque steer reaction can be equalized under both acceleration and deceleration. By referring to the accompanying chart, you can determine the proper axle diameter for the right and left side.

Recommended Axle Set-Ups

Application	Left Axle Dia.	Right Axle Dia.
IMCA/USMTS Style A-Mods (650+ HP) with Gun-Drilled Axles		
Standard KERA	1.130"	1.145"
Optional "Tuner"	1.115"	—
Optional Heavy Right Side*	—	1.165"
IMCA/USMTS Style B-Mods & Sport-Mods (Less than 600 HP) with Gun-Drilled Axles		
Standard KERA	1.115"	1.130"
Optional "Tuner"/Heavy Right Side*	—	1.145"
Asphalt Late Models (700+ HP) with Gun-Drilled Axles		
Standard KERA	1.180"	1.145"
Optional "Tuner"	1.130"	—
Limited Asphalt Late Models (Less than 700 HP) with Gun-Drilled Axles		
Standard KERA	1.165"	1.130"
Optional "Tuner"	1.115"	—
Dirt Late Models (700+ HP) with Gun-Drilled Axles		
Standard KERA	1.145"	1.200"
Optional "Tuner"	1.130"	—
Sportsman & Crate Motor Dirt Late Models with Gun-Drilled Axles		
Standard KERA	1.130"	1.180"
Cars with Less Than 2.50" of Split Between L&R Axles (Barry Wright, Pierce, etc.) with Gun-Drilled Axles		
Standard KERA	1.165"	1.200"
Optional "Tuner"	1.145"	—

*For "heavy" or rough tracks. Also used to create wide diameter split between left and right.

Wide 5 Oval Track Drive Plates for Cambered Axles

Designed for use with cambered axles, billet steel Wide 5 drive plates are mill-scalloped to reduce rotating weight and feature steel splined inserts for improved wear resistance. Drive plates are zinc-plated for corrosion resistance.



Part No.	Description
SOTADW520	Steel Articulating 5-Lug Drive Plate
SOTADW820	Steel Articulating 8-Lug Drive Plate
SOTADW520F	Replacement Drive Plate O-Ring

5 x 5 Drive Flange Accessories

Part No.	Description
SOTADW530	5-Bolt Cambered Drive Flange, Howe/PCR
SOTADW530BT	5-Bolt Cambered Drive Flange, with Aluminum Race-Day Bullet
SOTADW530K	Aluminum Race Day Bullet Only
SOTADW570	5-Bolt Drive Flange, 5 x 4.75" / 5 x 5", for 24-Outboard Spline Axles



Utility Jug Accessories and Replacement Components

Part No.	Description
SRJR1100BK	Standard Lid
SRJR1100BK	Replacement Utility Jug Lid
SRJR1110BKSQ	Lid with Hose Adapter
SRJR1200BK	Replacement Jug Vent
SRJR3044	Deluxe Filler Hose
SRJR3044SV	Self Venting Hose NEW!
SRJR4045	Aluminum Hose Valve
SRJR5226	Plastic Filler Hose



Fastflo Lid

Innovative Fastflo lid allows quickly dispensing fuel directly from a 5-gallon utility jug.

Part No.	Description
SRJFF1000	Fastflo Jug Lid With Vehicle Adapter
SRJFF1001	Fastflo Jug Lid
SRJFF1002	Fastflo Vehicle Tank Adapter



Reflective Utility Jug Cover SRJR800-414

Special heat-reflective cover wraps cleanly around 5-gallon utility jugs, preventing the harmful effects of radiant heat build-up.



D-Shaped Funnel

Large, D-shaped funnel eases transfer of fuel into utility jugs or fuel cells.

Part No.	Description
SRJR6200RD	D-Shaped Funnel, Red
SRJR6201	Stainless Screen for Funnel



3-Gallon Utility Jugs **NEW!**

Heavy-duty, 3-gallon utility jugs are constructed from high-density polyethylene, with a tri-ribbed bottom that adds strength and doubles as a multi-grip pouring handle. Offered in clear, red or blue with standard or FastFlo lid with vehicle adapter, which allows rapid refueling of race vehicles. Sold complete with cap.

Color	Std. Jug Part No.	FastFlo Jug Part No.
Clear	SRJR3100CL	SRJR3100CL-FF
Red	SRJR3100RD	SRJR3100RD-FF
Blue	SRJR3100BL	SRJR3100BL-FF



SRJFF1000



KEN TAYLOR

Gen2 5-Gallon Race Jugs **NEW!**

New and improved, high-density polyethylene Gen2 5-gallon race jugs feature an ergonomically-improved grip and a deleted vent, eliminating any possibility of leakage. Choose from jug with traditional cap, jug without cap, jug with self-venting filler hose that eliminates the possibility of leakage, or jug with FastFlo lid and vehicle adapter, which allows rapid refueling of race vehicles. Includes cap, unless specified.

Color	Std. Jug/No Vent Part No.	Std. Jug/No Lid Part No.	Self-Venting Jug Part No.	FastFlo Jug Part No.
Clear	SRJR7200CL	SRJR7200CL-BJ	SRJR7200CLHOSE	SRJR7200CL-FF
Red	SRJR7200RD	SRJR7200RD-BJ	SRJR7200RDHOSE	SRJR7200RD-FF
Blue	SRJR7200BL	SRJR7200BL-BJ	SRJR7200BLHOSE	SRJR7200BL-FF
Purple	SRJR7200PU	SRJR7200PU-BJ	SRJR7200PUHOSE	SRJR7200PU-FF
Pink	SRJR7200PK	SRJR7200PK-BJ	SRJR7200PKHOSE	SRJR7200PK-FF
Black	SRJR7200BK	SRJR7200BK-BJ	SRJR7200BKHOSE	SRJR7200BK-FF
Green	SRJR7200GR	SRJR7200GR-BJ	SRJR7200GRHOSE	SRJR7200GR-FF
Yellow	SRJR7200YL	SRJR7200YL-BJ	SRJR7200YLHOSE	SRJR7200YL-FF
Orange	SRJR7200OR	SRJR7200OR-BJ	SRJR7200ORHOSE	SRJR7200OR-FF
White	SRJR7200WH	SRJR7200WH-BJ	SRJR7200WHHOSE	SRJR7200WH-FF



Gen3 5-Gallon Race Jugs **NEW!**

Identical in size and construction to the Gen2 but with the addition of a threaded vent. High-density, polyethylene Gen3 5-gallon race jugs feature an ergonomically-improved grip and a threaded vent, which may be capped, or fit with the self-venting hose. Choose from jug with traditional cap, jug without cap, jug with self-venting filler hose that eliminates the possibility of leakage, or jug with FastFlo lid and vehicle adapter, which allows rapid refueling of race vehicles. Includes cap, unless specified.

Color	Std. Jug Part No.	Std. Jug/No Lid Part No.	Self-Venting Jug Part No.	FastFlo Jug Part No.
Clear	SRJR7500CL	SRJR7500CL-BJ	SRJR7500CLHOSE	SRJR7500CL-FF
Red	SRJR7500RD	SRJR7500RD-BJ	SRJR7500RDHOSE	SRJR7500RD-FF
Blue	SRJR7500BL	SRJR7500BL-BJ	SRJR7500BLHOSE	SRJR7500BL-FF
Purple	SRJR7500PU	SRJR7500PU-BJ	SRJR7500PUHOSE	SRJR7500PU-FF
Pink	SRJR7500PK	SRJR7500PK-BJ	SRJR7500PKHOSE	SRJR7500PK-FF
Black	SRJR7500BK	SRJR7500BK-BJ	SRJR7500BKHOSE	SRJR7500BK-FF
Green	SRJR7500GR	SRJR7500GR-BJ	SRJR7500GRHOSE	SRJR7500GR-FF
Yellow	SRJR7500YL	SRJR7500YL-BJ	SRJR7500YLHOSE	SRJR7500YL-FF
Orange	SRJR7500OR	SRJR7500OR-BJ	SRJR7500ORHOSE	SRJR7500OR-FF
White	SRJR7500WH	SRJR7500WH-BJ	SRJR7500WHHOSE	SRJR7500WH-FF





NEW VENDOR!

Dirt Late Model/Dirt Modified Racing Fuel Cells

Engineered to endure the rigors of Dirt Late Model/Dirt Modified racing, cells are constructed using a CNC-laser cut, formed, and spot-welded 20-gauge steel container that is fitted with a cross-linked, high-strength polyethylene bladder. Cells includes a -10AN top fuel pickup with weighted pickup tube, -6AN vent/rollover valve, -8AN return or fuel level check point, capped fuel level stick and double sealed billet cap. Sold complete with CNC-laser cut and CNC-formed 2" wide x 1/8" steel safety straps.



Part No.	Description	Dimensions	Weight
SRCSFC16T-BL	16-Gallon Fuel Cell	20.75"D x 16.5"W	28 lbs. (36 lbs. w/Straps)
SRCSFC16TF-BL-SFI*	16-Gallon Fuel Cell w/Foam	20.75"D x 16.5"W	28 lbs. (36 lbs. w/Straps)
SRCSFC22T-BL	22-Gallon Fuel Cell	20.75"D x 16.5"W	35.5 lbs. (45 lbs. w/Straps)
SRCSFC22TF-BL-SFI*	22-Gallon Fuel Cell w/Foam	20.75"D x 16.5"W	35.5 lbs. (45 lbs. w/Straps)
SRCSFC22TI-BL	22-Gallon Fuel Cell, Lowered Mounting Flange	20.75"D x 19.5"W	35.5 lbs. (45 lbs. w/Straps)
SRCSFC22WT-BL	22-Gallon Fuel Cell	20.75"D x 23.5"W	35.5 lbs. (43.5 lbs. w/Straps)
SRCSFC22WTF-BL-SFI*	22-Gallon Fuel Cell w/Foam	20.75"D x 23.5"W	35.5 lbs. (43.5 lbs. w/Straps)
SRCSFC26TF-BL-SFI*	26-Gallon Fuel Cell w/Foam	20.75"D x 19.5"W	39.7 lbs. (49.2 lbs. w/Straps)
SRCSFC30TF-BL-SFI*	30-Gallon Fuel Cell w/Foam	20.75"D x 23.75"W	43 lbs. (52 lbs. w/Straps)

*Includes safety foam to meet SFI specifications.

Replacement Components and Accessories

Part No.	Description
SRFCFC-MOLDTOPGASKET	Oval Mold Top Cap Gasket, 12-Bolt
SRCHALFROUNDGASKET	Half Round 1/8" Gasket, 2 Holes
SRCSFC16FCS	16-Gallon Capped Fuel Level Dipstick
SRCSFC22FCS	22-Gallon Capped Fuel Level Dipstick
SRCSFC22WFCS	22-Gallon Capped Fuel Level Dipstick, Wide Cell
SRCSFC26FCS	26-Gallon Capped Fuel Level Dipstick
SRCSFC30FCS	30-Gallon Capped Fuel Level Dipstick
SRCSFC-CAP	Billet Aluminum Fuel Cell Cap



KIRK LAWSON



SuperTrapp's exhaust outlet is actually a series of precise gaps between diffuser discs. As exhaust travels from the center of the diffuser disc toward the outside, it moves into a larger area, creating a pressure drop; exhaust gases are drawn out or scavenged. Adding discs increases the size of the outlet, thereby reducing back pressure, increasing top end power, racing sound level, and leaning out carburetion. By adding or subtracting discs, the power band can be quickly and easily adjusted.

Model 544 Disc Only

Disc-only models depend only upon the discs for noise reduction and are ideal for limited space. The 544 models use 5" diffuser discs.



Part No.	Description
SPR544-2503	Fits 2-1/2" Diameter Pipe
SPR544-3003	Fits 3" Diameter Pipe
SPR544-3503	Fits 3-1/2" Diameter Pipe

5" Diffuser Disc Packs

Add discs to decrease back pressure, increase top-end performance... and noise level. Remove discs to lower noise level, with an increase in bottom-end power.



Part No.	Description
SPR504-6506	6-Pack
SPR504-6512	12-Pack



COLLIN THIRLBY



BRANDON THIRLBY

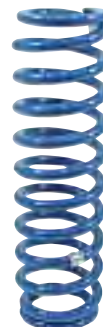
JIM DENHAMER



Coil-Over Springs

High-quality chrome silicon steel springs have a steel-blue epoxy finish and are metal tagged for easy identification. All diameters and rates are in stock.

Rate	3" Dia.		2-1/2" Dia.						1-7/8" Dia.	
	10" Tall	12" Tall	16" Tall	14" Tall	12" Tall	10" Tall	8" Tall	7" Tall	10" Tall	8" Tall
80	—	—	—	—	SSSB80	SSSC80	—	—	—	—
90	—	—	—	—	—	SSSC90	—	—	—	—
100	—	—	SSSAD16-100	—	—	SSSC100	—	—	—	SSSZ100
120	—	—	SSSAD16-125	—	—	—	—	—	—	SSSZ120
125	—	SSSOH12-125	—	SSSA125	—	SSSC125	—	—	—	—
130	—	—	—	—	—	—	—	—	SSSZA130	—
140	—	—	SSSAD16-150	—	—	—	—	—	SSSZA140	—
150	—	SSSOH12-150	—	SSSA150	SSSB150	SSSC150	SSSD150	—	SSSZA150	—
160	SSSO110-160	—	—	—	SSSB160	—	—	—	SSSZA160	—
175	SSSO110-175	SSSOH12-175	—	SSSA175	SSSB175	—	SSSD175	—	—	—
180	—	—	—	—	—	—	—	—	SSSZ180	—
185	—	—	—	—	—	SSSC185	—	—	—	—
200	SSSO110-200	SSSOH12-200	—	SSSA200	—	—	SSSD200	—	SSSZA200	SSSZ200
220	—	—	—	—	—	—	—	—	SSSZA220	—
225	SSSO110-225	—	—	SSSA225	SSSB225	SSSC225	SSSD225	—	—	—
240	—	—	—	—	—	—	—	—	—	SSSZ240
250	—	—	SSSAD16-250	SSSA250	SSSB250	SSSC250	SSSD250	SSSE250	—	—
260	—	—	—	—	—	—	—	—	SSSZA260	—
275	—	—	—	SSSA275	SSSB275	—	—	—	—	—
280	—	—	—	—	—	—	—	—	—	SSSZ280
300	—	—	—	SSSA300	SSSB300	—	SSSD300	SSSE300	SSSZA300	SSSZ300
320	—	—	—	—	—	—	—	—	—	SSSZ320
325	—	—	—	SSSA325	—	—	—	—	—	—
350	—	—	—	—	SSSB350	SSSC350	SSSD350	—	—	—
375	—	—	—	—	SSSB375	—	—	—	—	—
400	—	—	—	—	—	SSSC400	SSSD400	—	—	—
425	—	—	—	—	SSSB425	—	SSSD425	—	—	—
450	—	—	—	—	—	—	SSSD450	—	—	—
500	—	—	—	—	SSSB500	SSSC500	—	SSSE500	—	—
550	—	—	—	—	—	SSSC550	—	—	—	—
600	—	—	—	—	—	SSSC600	—	—	—	—
650	—	—	—	—	SSSB650	SSSC650	—	—	—	—



Conventional Front Springs

Rate	5" Dia.		5.5" Dia.			
	9-1/2" Tall	8" Tall	12" Tall	11" Tall	9-1/2" Tall	8" Tall
250	—	—	—	—	SSSK250	—
300	—	—	—	—	SSSK300	—
400	SSSJ400	SSSY400	—	—	SSSK400	—
450	SSSJ450	SSSY450	—	—	SSSK450	—
500	SSSJ500	SSSY500	—	—	—	—
550	SSSJ550	—	—	—	—	SSSI550
600	SSSJ600	—	—	—	—	SSSI600
650	SSSJ650	SSSY650	—	—	—	—
700	SSSJ700	SSSY700	—	—	—	—
750	—	SSSY750	—	—	—	—
800	SSSJ800	SSSY800	—	—	—	—
850	—	—	—	—	SSSK850	—
900	—	—	—	—	SSSK900	—
1000	—	—	—	—	—	—
1100	SSSJ1100	—	SSSQ1100	SSSQ1100	SSSK1100	—
1150	—	—	—	—	SSSK1150	—
1200	SSSJ1200	—	SSSQ1200	—	—	—
1250	SSSJ1250	—	—	—	—	—
1300	—	—	SSSQ1300	SSSQ1300	SSSK1300	—
1400	—	—	—	—	SSSK1400	—



Note: Prefix Q are unpainted stock-appearing. Prefix QA springs are commonly used on metric frame cars.

Front Spring Applications

Size	Front Spring Applications
5"	1964-72 Chevelle, 1967-69 Camaro, 1968-74 Nova
5-1/2"	1973-Up Chevelle, 1970-Up Camaro, 1975-Up Nova, and Most Fords

Conventional Rear Springs

Rate	5" Dia.				5.5" Dia. Stock Appearing *	
	15" Tall	13" Tall	10-1/2" Tall	8" Tall	Single Pigtail 12" Tall	Single Pigtail 11" Tall
75	—	—	SSSM75	—	—	—
100	—	SSSL100	SSSM100	SSSN100	—	—
125	—	SSSL125	SSSM125	SSSN125	SSSS125	—
150	—	SSSL150	SSSM150	SSSN150	—	SSSR150
175	SSSLA175	SSSL175	SSSM175	SSSN175	—	SSSR175
200	SSSLA200	SSSL200	SSSM200	SSSN200	SSSS200	SSSR200
225	—	SSSL225	SSSM225	SSSN225	—	—
250	SSSLA250	SSSL250	SSSM250	SSSN250	SSSS250	SSSR250
275	—	SSSL275	SSSM275	SSSN275	SSSS275	—
300	—	SSSL300	SSSM300	SSSN300	—	—
325	—	—	SSSM325	—	—	—
350	—	SSSL350	SSSM350	SSSN350	—	—
375	—	—	SSSM375	—	—	—
400	—	SSSL400	SSSM400	SSSN400	—	—
450	—	—	—	SSSN450	—	—
500	—	—	SSSM500	SSSN500	—	—

* Suspension Spring makes stock-appearing rear springs for use in classes where stock rear springs are required. Made from the same high-quality chrome-silicon spring steel, Suspension springs are 5-1/2" O.D., available in 11" and 12" free lengths with a single pigtail end, and are unpainted. Also available in 9" and 10" free lengths on a special order-only basis.

5" Dia. x 4" Tall Dual Stack Spring SSSZ4-0600

5" dia. x 4" tall spring, designed exclusively for dual-spring stacks, has a 600 lb. rate





SWE005-60343



SWE005-92343-235

Rack and Pinions

Sweet is the undisputed leader in the manufacturing of rack and pinions. Units are offered in 11 different ratios with several different rack ends, center distances, and servos. Choose from remote or integrated servo units. All racks are manufactured and assembled entirely in Kalamazoo, Michigan. **Note: See the below part number key for part number break down.**

Part No.	Description
Manual Rack and Pinion Units	
SWE005-40313	2" Rack and Pinion, Rod End Eyes
SWE005-60313	2-1/2" Rack and Pinion, Rod End Eyes
Remote Dual Power Cylinder Rack and Pinion Units	
SWE005-60343	2-1/2" Rack and Pinion, Rod End Eyes
SWE005-60345	2-1/2" Rack and Pinion, Slotted Eyes
SWE005-80345	3" Rack and Pinion, Slotted Eyes
SWE005-80346	3" Rack and Pinion, Upside Down Slotted Eyes

Part Number Key for Custom Racks

SWE005 - 40 3 4 3 250

Rack Prefix

1 2 3 4 5

1. Rack Speed	
30 = 1-7/8"	East Coast Modified
40 = 2"	Pavement Late Model
50 = 2-1/4"	Pavement Late Model
60 = 2-1/2"	Pavement Late Model
80 = 3"	Pavement Late Model
90 = 3-1/4"	Dirt Late Model
91 = 3-1/2"	Dirt Late Model
92 = 3-3/4"	Dirt Late Model
93 = 4"	Dirt Late Model
94 = 4-1/4"	Dirt Late Model
95 = 4-1/2"	Dirt Late Model
2. Center Distance	
2 = 17-1/4"	Howe Chassis
3 = 18-1/4"	Port City/Rayburn/Wright/Troyer/Mastersbuilt/Rocket (Blue)
5 = 16"-21"	Special Order
6 = 19-1/4"	GRT/Stinger/Warrior
7 = 19-3/4"	Rocket (Black)
8 = 18-1/4" + 19-1/4"	Rocket Blue and Grey
3. Power Assist	
1 = Manual	4 = Dual Power Cylinder (1-3/8" Piston)
	5 = XL Dual Power
4. Rack End	
2 = On Center, 5/8" Thread Stud	6 = Upside-Down Slotted Eye
3 = Rod End Eye, 5/8" Threaded Hole	7 = Double Right Eye for Rocket
4 = On Center Rod End Eye, 5/8" Heim	8 = R/H On-Center Rod End, LH Rod End Eye
5 = Slotted Eye On Center, 5/8" Heim	9 = R/H Double-Slotted Eye, LH Single-Slotted Eye
	11 = R/H Slotted Down/L/H Slotted Up
5. Servo/Valve	
185 = .185" XX-Light	250 = .250" Medium
200 = .200" X-Light	265 = .265" Medium
210 = .210" Light	275 = .275" Medium/Heavy
220 = .220" Light	300 = .300" Bloomquist
235 = .235" Medium/Light	

Rod End for On Center Eye

SWE001-21114

Replacement rod end for SWE001-21110 and SWE001-21111. Rack does not need to be disassembled to replace.



Rack Eye to Dual Power Cylinder Bolt Kit














SWE301-30069

Designed for Sweet dual-power rack and pinion units, kit includes special shouldered bolt, nut, spacer, and washer.



Part No.	Description
Integrated Dual Power Cylinder Rack and Pinion Units	
SWE005-50355-185	2-1/4" Rack and Pinion, Slotted Eyes, .185" Valving
SWE005-60355-185	2-1/2" Rack and Pinion, Slotted Eyes, .185" Valving
SWE005-60343-250	2-1/2" Rack and Pinion, Rod End Eyes, .250" Valving
SWE005-80345-235	3" Rack and Pinion, Slotted Eyes, .235" Valving
SWE005-91343-235	3-1/2" Rack and Pinion, Rod End Eyes, .235" Valving
SWE005-92343-235	3-3/4" Rack and Pinion, Rod End Eyes, .235" Valving
SWE005-93343-220	4" Rack and Pinion, Rod End Eyes, .220" Valving
SWE005-93345-220	4" Rack and Pinion, Slotted Eyes, .220" Valving
SWE005-936411-235	4" Rack and Pinion, Slotted Eyes, .235" Valving
SWE005-936411-250	4" Rack and Pinion, Slotted Eyes, .250" Valving NEW!
SWE005-93743-220	4" Rack and Pinion, Rod End Eyes/Rocket Black
SWE005-94343-220	4-1/4" Rack and Pinion, Rod End Eyes, .220" Valving
SWE005-93645-220	4" Rack and Pinion, Slotted Eyes, .220" Valving
SWE005-94645-220	4-1/4" Rack and Pinion, Slotted Eyes, .220" Valving
SWE005-937411-250	4" Rack and Pinion, Slotted Eyes, .250" Valving NEW!

Replacement Rack Eyes

Description	LH Part No.	RH Part No.
5/8" Threaded Rod End Eyes		
For Rack with Mini Cylinder	 SWE001-21101	 SWE001-21102
5/8" Threaded Rod End Eyes		
For Rack with Dual-Pull Cylinder	 SWE001-21103	 SWE001-21104
On-Center Rod End Eyes		
For Rack with Dual-Pull Cylinder	 SWE001-21110	 SWE001-21111
5/8" On-Center Eyes		
For Rack with Dual-Pull Cylinder	 SWE001-21093	—
Slotted Rack Eyes		
With Bracket for Dual-Pull Cylinder	 SWE001-21116	 SWE001-21117
Upside-Down with Bracket for Dual Pull Cylinder	 SWE001-21126	 SWE001-21127
Rocket Chassis		
Double Hole for Dual Pull Cylinder	—	 SWE001-21105
Double-Slotted Rack Eye	—	 SWE001-21106-1*

* Includes bracket.



Rack Mounting Plate SWE001-21060

Mounting plates are hand-made and welded by Sweet technicians. Plate is a must when using a Sweet rack and pinion.



Boot and Bushing Kits

Kits contain two boots, two rack bushings, and one pinion bearing seal.

Part No.	Description
SWE001-21502	2" Rack and Pinion Boot Kit
SWE001-21503	2-1/2" Rack and Pinion Boot Kit
SWE001-21507	3" Rack and Pinion Boot Kit
SWE001-21040	Boot Only (Sold Each)



Rack Shafts and Pinions

Part No.	Description
SWE001-11020	Pinion for 2-1/4" Rack, 9-Tooth
SWE001-21011	16-7/16" Rack Shaft for 18-1/4" Rack
SWE001-21014	15-7/8" Rack Shaft for 18-1/4" Rack, On-Center
SWE001-21020	Pinion for 2" Rack, 8-Tooth
SWE001-31020	Pinion for 2-1/2" Rack, 10-Tooth
SWE001-71020	Pinion for 3" Rack, 12-Tooth
SWE002-91320	Pinion for 4" Rack, 16-Tooth

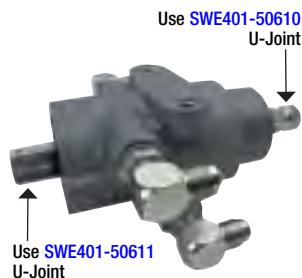


Hex Adapter for Integrated Servo Rack SWE302-30160



Power Steering Servos

Part No.	Description
Servos	
SWE301-30185	0.185", XX Light
SWE301-30220	0.220", Light
SWE301-30250	0.250", Medium
SWE301-30265	0.265", Medium
Lightweight Servos	
SWE303-33185	0.185", Light
SWE303-33220	0.220", Light
SWE303-33235	0.235", Medium/Light
SWE303-33250	0.250", Medium
Integrated Rack Servo	
SWE302-32220	0.220", Light
SWE302-32235	0.235", Medium/Light
SWE302-32250	0.250", Medium
Servo Seal Kits	
SWE311-30040	Heavy
SWE312-42006	Integrated Servo Seal Kit
SWE312-42022	Spool Shaft Seal
SWE312-42026	Glide Ring Seal Kit, 4-Pcs.



Power Steering Cylinders



Part No.	Description
SWE301-30062	Mini Cylinder - 11-1/4" Long
SWE301-30063	Dual Power Cylinder, 1-1/4" Piston
SWE301-30066	Seal Kit for SWE301-30061 and SWE301-30062
SWE301-30067	Seal Kit for SWE301-30063
SWE302-32063	Dual-Piston Cylinder, 1 - 3/8" Piston, 2003 Newer Racks
SWE302-33063	Dual-Piston Cylinder, 1-1/2" Piston, 18-1/4" Center Distance
SWE332-43230	Seal Kit for SWE302-32063

700 Series Lightweight Sportsman Steering Boxes

Lightweight steering boxes are 3 lbs. lighter than standard 700 series units, reducing critical front-end weight. Remanufactured 6:1 and 8:1 boxes are for use without a steering quickener. Not IMCA legal.



Part No.	Description
SWE204-06185	6:1 Ratio, .185" Valve, 3/4"-30-Spline
SWE204-08210	8:1 Ratio, .201" Valve, 3/4"-30-Spline
SWE205-06185	6:1 Ratio, .185" Valve, 13/16"-36-Spline
SWE205-08210	8:1 Ratio, .210" Valve, 13/16"-36-Spline

700 Series Sportsman Steering Boxes

IMCA-legal, remanufactured 6:1, 8:1, and 12:1 boxes are for use without a steering quickener, while the 16:1 ratio box has a .185" valve and is engineered for use with steering quickeners.

Note: When using a steering quickener, a .185" or .200" valve must also be used. Anything higher will be extremely hard to steer.



Part No.	Description
SWE206-06185	6:1 Ratio, .185" Valve, 3/4"-30-Spline
SWE206-06210	6:1 Ratio, .210" Valve, 3/4"-30-Spline
SWE206-08185	8:1 Ratio, .185" Valve, 3/4"-30-Spline
SWE206-08210	8:1 Ratio, .210" Valve, 3/4"-30-Spline
SWE208-08210	8:1 Ratio, .210" Valve, 13/16"-36-Spline
SWE206-12185	12:1 Ratio, .185" Valve, 3/4"-30-Spline
SWE208-12235	12:1 Ratio, .235" Valve, 13/16"-36-Spline
SWE208-12250	12:1 Ratio, .250" Valve, 13/16"-36-Spline
SWE208-16185	16:1 Ratio, .185" Valve, 13/16"-36-Spline

600 Series NASCAR Steering Boxes

Four-bolt, 600 Series NASCAR Steering boxes are all-new, dyno-tested for proven durability, and run on a special centering machine to eliminate any tight spots. Boxes are 6 lbs. lighter than standard 700 series Sportsman units and are ideal for asphalt short track cars including Hooters Cup. Engineered for use without a steering quickener.



Part No.	Description
SWE209-10235	10:1 Ratio, .235" Valve
SWE209-12235	12:1 Ratio, .235" Valve

Replacement AN Fittings

Part No.	Description
SWE201-28001*	Small Fitting with O-Ring to -6AN
SWE201-28002*	Large Fitting with O-Ring to -6AN

* Used in Sweet steering boxes.



Pressurized Power Steering Tank SWE301-30077

Short-style, 5" pressurized power steering tank allows pressurizing the system to 24 PSI, forcing fluid to the pump, ideal when the tank may not be mounted in the optimal position. Pressurization additionally helps prevent cavitation and subsequent premature pump failure. Tank has a -6AN return fitting and -10AN pressure fitting. Purchase bracket separately.





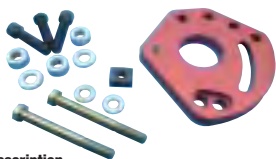
Power Steering Pumps

Each Sweet pump is thoroughly tested for correct flow and pressure prior to shipment. The 1,300 PSI pumps are ideal for most race cars. The aluminum pumps weigh 3-3/4 lbs., approximately 1 lb. lighter than steel models.



Part No.	Description
SWE305-60330	Aluminum Pump Only, 1,300 PSI
SWE305-60331	Aluminum Pump with Sweet 6" Dia. Pulley, 1,300 PSI
SWE305-60334	Aluminum Pump with 3/8" Hex Drive, 1,300 PSI
SWE305-70330	Steel Pump Only, 1,300 PSI
SWE305-70331	Steel Pump with Sweet 6" Dia. Pulley, 1,300 PSI
SWE305-70350*	Steel IMCA Pump Only, 1,300 PSI
SWE305-70351*	Steel IMCA Pump with Sweet 6" Dia. Pulley, 1,300 PSI
SWE305-80830	Aluminum Pump Only, 1,700 PSI
SWE305-80834	Aluminum Pump with 3/8" Hex Drive, 1,700 PSI
SWE301-30020	Aluminum 6" Dia. Sweet Pulley, 7/16" Wide

* Designed specifically for use with a steering quickener. Steel IMCA pumps eliminate "stop and go" feeling when using a power steering box and steering quickener.



Power Steering Pump Bracket Kits

Part No.	Description
SWE325-30030	Chevy Cylinder Head Mount Bracket Kit
SWE325-30034	Chevy V-8 Block Mount Bracket Kit
SWE325-30035	T-Nut
SWE325-30037	Pump Bolt Kit SWE325-30030)

Rear Mount Power Steering Pump Bracket Kits

Part No.	Description
Quick Change Rear End Applications	
SWE501-30023	Cast Pump Bracket (RH) Only
SWE501-30024	Aluminum Pulley Only
SWE501-30027	Yoke with Pulley



Power Steering Hose Kits

Kits use Aeroquip PTFE hose with a 2,500 PSI maximum operating pressure and lightweight crimp-on fittings.



Part No.	Description
SWE301-30083	Integrated Servo Rack With PTO Power Steering Pump, Trans. Mount
SWE301-30084	Integrated Servo Rack With Standard Power Steering Pump, Engine Mount
SWE302-32100	Replacement Hoses for Integrated Rack (2 Hoses On Rack)
SWE302-32101	Long Hose for Integrated Rack with Fittings
SWE302-32102	Short Hose for Integrated Rack with Fittings

Power Steering Tanks

Part No.	Description
SWE301-30050	Short-Style (5") Tank with Bracket
SWE301-30052	Clamp-On Tank Bracket Only
SWE301-30071	Long-Style Tank with Bracket
SWE301-30072	Long-Style (7") Tank Only
SWE301-30094	Tank Cap Only



Power Steering Pump Kits

All-in-one power steering pump kits include choice of steel or aluminum power steering pump with 6" V-belt pulley, 5" tank and tank mounting bracket. Kits feature popular Delphi pumps that deliver up to 1,300 PSI. Kits are offered for small block Chevy in block mount versions. Sold complete with mounting hardware.



Description	Block Mount
Aluminum Power Steering Pump Kit	SWE305-60349
Steel Power Steering Pump Kit	SWE305-70349

Toyota Power Steering Pump Kit SWE305-80849

Premium, Sweet-prepped Toyota power steering pump offers up to 1,700 PSI. Kit mounts directly to the engine block of small block Chevys, and includes pump with 6" diameter V-belt pulley, 5" tall tank, tank mounting bracket, billet aluminum block mount, and necessary hardware.



Head Mount Combination Assembly SWE305-85890

Ideal for IMCA modifieds, combination power steering pump/fuel pump assembly is designed to mount to the right cylinder head of small block Chevy engines, reducing weight and under-hood clutter, while helping to simplify the belt drive system. Complete assembly weighs just over 5 lbs., includes power steering pump with Sweet-designed Waterman fuel pump, 33-tooth HTD pulley, 800 mm x 20 mm wide HTD drive belt, aluminum cylinder head mount, and Aeromotive dual-adjustable fuel pressure regulator. System is compatible with alcohol or gasoline.



Part No.	Description
Replacement Component SWE305-85900	Combination Pump for Head Mount

Power Steering Pump with Fuel Pump Adapter

Aluminum power steering pump features a 3/8" hex drive on the front and a 3/8" female hex drive on the back plate for a fuel pump. Fuel pump must be purchased separately.



Part No.	Description
SWE305-85834	Power Steering Pump with Fuel Pump Adapter
SWE325-30040	Power Steering Pump to Dry Sump Pump Adapter
SWE325-30042	Fuel Pump Adapter with Bolts
SWE325-30043	Phenolic Spacer

Bellhousing Mount Power Steering Pump SWE305-60339

Aluminum 1,300 PSI pump works with Bert or Brinn transmissions. An HTD pulley is included, but mounting bracket must be purchased separately.



Part No.	Description
SWE301-30043	33-Tooth HTD Pulley with Guides
SWE325-30041	Mounting Bracket and Hardware for SWE305-60339



Bellhousing Mount Combination Assembly SWE305-85841

Combination power steering pump/fuel pump assembly is engineered to mount to a Brinn-style bellhousing. Includes power steering pump with a rear male hex, Sweet-designed Waterman fuel pump, heat-resistant phenolic spacer, and bellhousing mount. Components may also be purchased separately.



Note: System requires a fuel pressure regulator installed at the fuel log.

Part No.	Description
Replacement Components	
SWE301-61004	Heat-Resistant Phenolic Spacer
SWE301-61006	Bellhousing Mount for Combination Pump
SWE305-85840	Aluminum Power Steering Pump, Rear Male Hex Drive

Tandem Power Steering Pump with Mechanical Fuel Pump Drive

Engineered for race cars using a Bert/Brinn style bellhousing and flywheel, tandem-drive aluminum power steering pump features a special adapter and cam lobe-style fuel pump drive that can be used to drive any small block Chevy mechanical fuel pump. Tandem pump is sold complete with 33-tooth HTD pulley, pulley guides, and all required hardware. Pump mount, bellhousing, fuel pump, and phenolic spacer must be purchased separately.



Part No.	Description
SWE305-85839	Tandem Power Steering Pump
SWE308-10100*	Mechanical Fuel Pump Drive
SWE325-30044	Bellhousing Pump Mount with Fuel Pump Adapter
SWE325-30059	Phenolic Spacer for Fuel Pump

* SB Chevy fuel pump must be purchased separately.

Dry Sump Mount Power Steering Pump SWE301-30055

Aluminum (Delphi) PTO pump uses an extra-long 3/8" hex for complete engagement. Fits most dry sump pumps.



Part No.	Description
SWE305-60334	Replacement Power Steering Pump
SWE325-30057	Adapter Kit Only
SWE325-30058	SCP Adapter
SWE325-30059	Phenolic Spacer
SWE325-30060	3/8"-24 Hex Drive, Pump Shaft

Note: Hex drives may have to be trimmed to fit. SCP pump use requires SWE325-30058, SWE325-30059, and SWE325-30060.

Gold Power Steering Fluid

Engineered for the rigorous conditions and high temperatures common to oval track racing. For use with all Sweet Power Steering systems, fluid is sold in 1-qt. bottles or in cases.

1-Qt. Bottle	1 Case (12) 1-Qt. Bottles
SWE301-30179	SWE301-30178



Hex-Drive Combination Assemblies

Innovative hex-drive combination assembly allows driving both the power steering pump and fuel pump off the back of a dry sump oil pump, reducing weight and under-hood clutter, while simplifying the belt drive system. Kit is offered in two versions; one to fit Barnes, older Peterson, Stock Car Products, and most other oil pumps, while another is engineered specifically for the Peterson R4 pump. Each kit includes oil pump to power steering pump adapter, aluminum power steering pump with 3/8" hex, adapter plate for power steering pump to fuel pump, heat-resistant phenolic spacer, and Sweet-designed Waterman fuel pump. Components may also be purchased separately.



Part No.	Description
SWE305-85880	Hex Drive Combination Assembly, Barnes, Older Peterson, SCP
SWE305-85882	Hex Drive Combination Assembly, Peterson R4

Replacement Components	
SWE301-61002	Adapter Plate for Sweet Pump to Waterman Fuel Pump
SWE301-61004	Heat-Resistant Phenolic Spacer
SWE305-85835	Aluminum Power Steering Pump, 3/8" Hex Drive
SWE308-10200	Sweet-Designed Waterman Fuel Pump

Universal Joints

Sweet universal joints are strong and very precise with no "slop" – specifically engineered for race cars. Compact, lightweight, and durable, the "Sweet Swivel" is NASCAR approved.



Part No.	Description
SWE401-50606	3/4" X 3/4" Smooth
SWE401-50610	3/4", 48-Spline x 3/4" Smooth - Sweet Spline
SWE401-50611	13/16", 36-Spline x 3/4" Smooth - Chevy Power
SWE401-50612	3/4", 36-Spline x 3/4" Smooth - Chevy Manual
SWE401-50613	9/16", 26-Spline x 3/4" Smooth - Pinto Manual
SWE401-50614	5/8", 36-Spline x 3/4" Smooth - Vega
SWE401-50615	3/4", 30-Spline x 3/4" Smooth - New Chevy Power, Integrated Rack
SWE401-50618	1", 48-Spline x 3/4" Smooth
SWE401-50621	3/4", 20-Spline x 3/4" Smooth-Woodward, Collapsible Columns
SWE401-50721	5/8"-36 x 3/4"-20, Sweet Column
SWE401-50808	5/8" x 5/8" Smooth
SWE401-51923	3/4" DD x 1" DD, Aftermarket Shaft

Steering Couplers

Straight steering couplers are 2" long, splined on one end and 3/4" smooth on the other. Available in several different sizes/spline counts.



Part No.	Description
SWE301-30100	3/4", 48-Spline x 3/4" Smooth - Sweet Spline
SWE301-30110	13/16", 36-Spline x 3/4" Smooth - Chevy Power Spline
SWE301-30120*	3/4", 36-Spline x 3/4" Smooth - Chevy Manual Spline
SWE301-30130	9/16", 26-Spline x 3/4" Smooth - Pinto Manual Spline
SWE301-30140	5/8", 36-Spline x 3/4" Smooth - Vega
SWE301-30150	3/4", 30-Spline x 3/4" Smooth - New Chevy Power
SWE301-30160	3/4", 20-Spline Sweet Column/Woodward/Allstar

* SWE301-30120 fits Howe, D&M, Coleman, and AFco steering quickeners

Flange Bearing SWE405-50003

Concentric bearing has a 3/4" inside diameter and mounts on the firewall to hold the steering shaft. Includes lock collar.





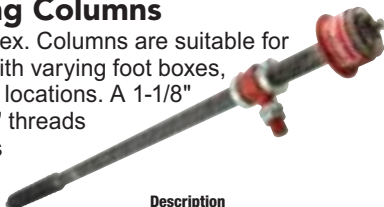
Lightweight Flange Bearing SWE405-10405

Manufactured from premium billet aluminum, flange bearing includes a 3/4" inside diameter to support steering shaft. Black anodized for corrosion resistance, flange bearing includes 1/4" diameter mounting hardware.



Lightweight Adjustable Steering Columns

Eliminate steering shaft flex. Columns are suitable for a wide variety of chassis with varying foot boxes, dash bar, or seat mounting locations. A 1-1/8" oversized bearing with 3/4" threads eases installation. Includes aluminum quick-release.



Part No.	Description
SWE405-10310	Standard Adjustable Steering Column, Adjusts from 22"-32"
SWE405-10315	GRT Adjustable Steering Column, Adjusts from 28"-34"
SWE405-10317*	Rocket Adjustable Steering Column, Adjusts from 32"-42"
SWE405-10325	Rayburn Adjustable Steering Column, Adjusts from 32"-42"
SWE405-10326	Lightweight Adjustable Steering Column, Longhorn Chassis/Capitol Race Cars
SWE405-10331	Standard Adjustable Steering Column, with Monoball Mount

* Support bearing has 1" longer thread.

Adjustable Steering Columns

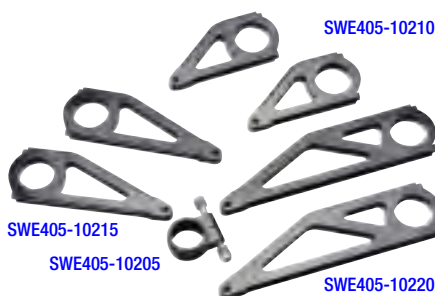
Collapsible column is engineered to eliminate flexing and bending of the steering shaft. Overall shaft length is measured from the end of the housing to the beginning of the collapsible shaft. The 18" long model works well in all short track cars. The column may be mounted using a column clamp and dash brackets.



Part No.	Description
SWE405-10001	18" Collapsible Column
SWE405-10003	21" Collapsible Column

Dash Brackets

Billet aluminum brackets mount a standard 3/4" dia. or collapsible steering column to 1-3/4" roll bar tubing. Choice of 4-3/8", 6-3/8", or 9-3/8" length black anodized brackets. Brackets sold in pairs.



Part No.	Description
SWE405-10205	1-Hole Column Clamp
SWE405-10207	3-Hole Column Clamp
SWE405-10210	4-3/8" Long Dash Brackets
SWE405-10215	6-3/8" Long Dash Brackets
SWE405-10220	9-3/8" Long Dash Brackets

Mono-Ball Steering Shaft Collars

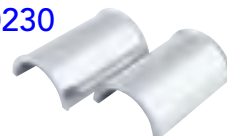
Collar allows adjustment of steering shaft angle and steering wheel placement when used with Sweet dash mount brackets. Available to fit 3/4" or 1-1/8" diameter steering shafts.



Part No.	Description
SWE405-10240	Fits 3/4" Dia. Steering Shaft
SWE405-10243	Fits 1-1/8" Dia. Steering Shaft

Dash Bar Spacers SWE405-10230

Special 1-3/4" to 1-1/2" dia. reducer sleeves adapt Sweet dash brackets to chassis with 1-1/2" dash bars.



Aluminum Steering Wheels

Sweet steering wheels are available in 3" dished and flat styles, with or without rubber coating. Available large-grip steering wheels feature large-diameter, rubber-coated rims for improved grip and added comfort.



Description	Rubber Coated	Large Grip Rubber Coated	Uncoated
13" Dia. Flat Steering Wheel	SWE601-70131	—	—
13" Dia. Dished Steering Wheel	SWE601-70132	—	—
15" Dia. Flat Steering Wheel	SWE601-70151	SWE601-80151	SWE611-70151
15" Dia. Dished Steering Wheel	SWE601-70152	SWE601-80152	SWE611-70152
16" Dia. Flat Steering Wheel	SWE601-70161	—	—
17" Dia. Flat Steering Wheel	SWE601-70171	SWE601-80171	—
17" Dia. Dished Steering Wheel	SWE601-70172	—	—

Quick-Release Steering Wheel Hubs

Quick-release hubs in steel or aluminum are available to fit conventional or collapsible steering columns.



Part No.	Description
SWE801-70001	Steel Quick-Release for 3/4" Shaft
SWE801-70002	Steel Quick-Release for Splined Shaft, Sprint Car/KSE Steering Gear Applications
SWE801-70004	Aluminum Quick-Release for 3/4" Shaft
SWE801-70026	Steel Quick-Release Coupler Only, Adj. Column, Includes Nut & Washer NEW!
SWE801-70030	Steel Quick-Release for Deluxe Adjustable Steering Column
SWE801-70031	Aluminum Quick-Release for Deluxe Adjustable Steering Column
SWE801-70035	Aluminum Quick-Release without Coupler for Sweet Column
SWE801-70036	Steel Quick-Release without Coupler for Sweet Spline
SWE801-70052	Long Spline Weld-On Coupler
SWE801-70055	Aluminum Quick-Release for Momo/Sparco 6-Bolt Steering Wheels



Lightweight Quick-Release Steering Wheel Hubs

Specifically designed for the weight-conscious racer, USA-made quick-release steering wheel hubs are fully CNC profile-machined to reduce weight, while still meeting stringent SFI requirements. Offered in lightweight steel or aluminum versions and sold complete with (3) 5/16"-18 titanium bolts.



SWE801-70105

Part No.	Description
SWE801-70105	Lightweight Steel Quick Release
SWE801-70200	Lightweight Aluminum Quick Release with Adj. Column Coupler
SWE801-70205	Lightweight Aluminum Quick Release

Fabricated Spindles

Spindles are designed, hand-fabricated, and welded by Sweet craftsmen for use on a wide range of race cars.



Description	LH Part No.	RH Part No.
Chevy 8-1/2", 10 Degree		
Wide 5 Hub, Superlite 11.75" Rotor	—	SWE701-121-122
Howe/PCR 5X5 Hub, GM/Howe 11.75" Rotor	SWE701-121-213*	SWE701-121-212
Ford 7-3/4", 7 Degree		
Wide 5 Hub, Superlite 11.75" Rotor	—	SWE701-150-122
Figure 8		
Wide 5 Hub, Superlite 11.75" Rotor	SWE701-119-121	SWE701-119-122
Wide 5 Hub, Dynalite	SWE701-119-131	SWE701-119-132

Notes: Ford spindles measure 7.75" from top to bottom, Chevy spindles are 8.5". The distance is the same on both designs from bottom to pin centerline.

* Signifies adjustable.

Ackermann Adjuster Block

Ackermann adjuster controls the turning radius, keeping the right front wheel in proper relation to the left front wheel.



Part No.	Description
SWE701-100-101	Adjustable Block and Washer
SWE701-100-102	Block Only
SWE701-100-103	Washer Only

Aluminum Carb Cover

SWE901-10008

Cover will keep dirt and debris out of an engine during storage.



Air Cleaner Stud and O-Ring Carb Nut

Part No.	Description
SWE901-10150	Air Cleaner Stud, 4130 Steel, 5/16"-18
SWE901-10151	O-Ring Carb Nut, Aluminum, 5/16"-18



Aluminum Torque Absorber

SWE501-60040

Lightweight, durable billet aluminum torque absorber may be used in the top link, right rear trailing arm, or Panhard bar to increase forward bite and promote improved traction.



Aluminum Panhard Bar Clevis

SWE501-60010

Clamps around a 1-3/4" chassis tube for easy Panhard bar adjustment.



Top Link Brackets

SWE501-60050

Brackets have a 3/4" slot for easy adjustment and 3" setback. Sold as a pair.



Aluminum Trailing Arm Bracket

SWE501-60007

Clamps to a 3" diameter axle tube. Fits right or left hand and weighs just 3 lbs. Sold individually.



Offset Pitman Arm 0°

SWE201-28100

Engineered for use with Sweet Sportsman steering boxes, Pitman arm is manufactured from rigid billet steel.



JOE BUSH



LAUREN BUSH SOKOLOSKI

MARCUS BERGLUND

2-1/2" I.D. Coil-Over Barrel Springs

Manufactured from exclusive H5S.TW material, Swift coil-over springs are light, with consistent rate. Barrel design eliminates rate inconsistency and issues with the spring rubbing against the shock body due to bowing. Springs have a maximum diameter of 4", measured at the center coil.

Rate	10" Tall Part No.	12" Tall Part No.	14" Tall Part No.	16" Tall Part No.
50	—	—	—	SWI160-250-050B
100	SWI100-250-100B	—	SWI140-250-100BP	SWI160-250-100BP
125	SWI100-250-125B	—	SWI140-250-125BP	SWI160-250-125BP
150	SWI100-250-150B	SWI120-250-150B	SWI140-250-150BP	SWI160-250-150BP
175	SWI100-250-175B	SWI120-250-175B	SWI140-250-175BP	SWI160-250-175BP
185	SWI100-250-185B	SWI120-250-185B	—	—
200	SWI100-250-200B	SWI120-250-200B	SWI140-250-200BP	—
225	SWI100-250-225B	SWI120-250-225B	SWI140-250-225B	—
250	SWI100-250-250B	SWI120-250-250B	SWI140-250-250B	—
275	SWI100-250-275B	SWI120-250-275B	SWI140-250-275B	—
300	SWI100-250-300B	SWI120-250-300B	SWI140-250-300B	—
325	SWI100-250-325B	SWI120-250-325B	SWI140-250-325B	—
350	SWI100-250-350B	SWI120-250-350B	SWI140-250-350B	—
375	SWI100-250-375B	SWI120-250-375B	SWI140-250-375B	—
400	SWI100-250-400B	—	SWI140-250-400B	—
425	SWI100-250-425B	SWI120-250-425B	—	—
450	SWI100-250-450B	SWI120-250-450B	—	—
475	SWI100-250-475B	SWI120-250-475B	—	—
500	SWI100-250-500B	SWI120-250-500B	—	—
550	SWI100-250-550B	—	—	—
575	SWI100-250-575B	—	—	—
600	SWI100-250-600B	—	—	—
650	SWI100-250-650B	—	—	—
700	SWI100-250-700B	—	—	—
750	SWI100-250-750B	—	—	—



2-1/2" I.D. Coil-Over Springs

Rate	Part No.
100	SWI080-250-100
125	SWI080-250-125
150	SWI080-250-150
175	SWI080-250-175
200	SWI080-250-200
225	SWI080-250-225
250	SWI080-250-250
275	SWI080-250-275
300	SWI080-250-300
350	SWI080-250-350



2-1/2" I.D. (5.0" O.D. on One End) Coil-Over Springs

Coil-over springs include a 2-1/2" I.D. on one end and a 5" O.D. on the opposite end.

Part No.	Description
SWI160-2550-125BP	16" Length x 125-lb. Rate
SWI160-2550-150BP	16" Length x 150-lb. Rate
SWI180-2550-080BP	18" Length x 80-lb. Rate
SWI180-2550-100BP	18" Length x 100-lb. Rate

2-1/2" I.D. Coil-Over Barrel-Type Progressive Springs

Part No.	Description
SWI100-250-750V	10" Length x 300-lb./750-lb. Rate NEW!
SWI120-250-225V	12" Length x 140-lb./225-lb. Rate NEW!
SWI120-250-300V	12" Length x 100-lb./300-lb. Rate
SWI120-250-400V	12" Length x 150-lb./400-lb. Rate NEW!
SWI120-250-500V2	12" Length x 200-lb./500-lb. Rate
SWI120-250-500V3	12" Length x 300-lb./500-lb. Rate
SWI200-250-150V	20" Length x 75-lb./150-lb. Rate

Progressive Pull Bar Springs

Part No.	Description
SWI067-500-600-1200	600-1,200-lb. Rate
SWI067-500-600-2000	600-2,000-lb. Rate



Round Wire Bump Springs

Swift 2" O.D. bump springs offer the highest measurable shock stroke in the industry and, unlike inefficient rubber and foam bump stops, they are resistant to fatigue and heat.

Rate	Part No.	Rate	Part No.
400	SWISBS0400	1800	SWISBS1800
500	SWISBS0500	2000	SWISBS2000
600	SWISBS0600	2500	SWISBS2500
700	SWISBS0700	3000	SWISBS3000
800	SWISBS0800	4000	SWISBS4000
1000	SWISBS1000	5000	SWISBS5000
1200	SWISBS1200	7000	SWISBS7000
1400	SWISBS1400		
1600	SWISBS1600		



Flat Wire Linear Rate Bump Springs

Flat, 2.3" O.D. wire bump springs feature zero side shearing during full compression, providing an even greater amount of shock travel when compared to traditional round wire springs.

Rate	Part No.
300	SWISBS0300S
400	SWISBS0400S
500	SWISBS0500S
600	SWISBS0600S
700	SWISBS0700S
800	SWISBS0800S
900	SWISBS0900S
1000	SWISBS1000S
1100	SWISBS1100S
1200	SWISBS1200S



Bump Spring Retainers for Flat Wire Bump Springs

Bump Spring Retainers are offered for use with 2.0" O.D. bump springs or 2.3" O.D. flat wire bump springs. Sold

Part No.	Description
SWIBSR500	2.0" O.D. Bump Spring Retainer, 1/2" Shaft NEW!
SWIBSR500S	2.3" O.D. Flat Wire Bump Spring Retainer, 1/2" Shaft
SWIBSR551	2.0" O.D. Bump Spring Retainer, 14 mm Shaft NEW!
SWIBSR551S	2.3" O.D. Flat Wire Bump Spring Retainer, 14 mm Shaft
SWIBSR625	2.0" O.D. Bump Spring Retainer, 5/8" Shaft NEW!
SWIBSR625S	2.3" O.D. Flat Wire Bump Spring Retainer, 5/8" Shaft



Coil-Over Helper Springs

While having a minimal effect on the spring rate of the main coil-over spring, 65 mm (2-5/8") diameter helper springs allow the spring to stay mounted on the coil-over perch when the shock is under negative or zero load.



Part No.	Description
SWIH65-060-015	2.40" Tall, 84-lb. Rate
SWIH65-060-030	2.40" Tall, 168-lb. Rate
SWIH65-070-008	2.80" Tall, 45-lb. Rate

5" I.D. x 20" Tall Conventional/Progressive Rear Spring **NEW!**

Special 5" I.D. x 20" tall conventional rear coil spring features a progressive 75-lb/225-lb. rate.

Part No.	Description
SWI200-500-225V	20" Length x 75-lb./225-lb. Rate

Stack Guide and Stack Guide Adapters **NEW!**

Stack guide and stack guide adapters maintain shock alignment to provide a smooth transition through the stroke and eliminate costly shock damage. Offered to fit a variety of popular shock absorbers with three available stack guide adapters to screw directly onto the shock.

Part No.	Description	Part No.	Description
Stack Guide		Stack Guide Adapters	
SWISST-AF	AFCO	SWISP250-F	Flat Style
SWISST-B	Bilstein	SWISP250-L	Long Style
SWISST-F	Fox	SWISP250-S	Short Style
SWISST-I	Integra		
SWISST-J	JRI		
SWISST-O	Ohlins		
SWISST-P	Penske		
SWISST-PF	Penske, Flat		



Standard Conventional "Bulletproof" Coil Springs

Similar in quality and construction to standard conventional springs but suited to applications that are subject to increased spring stress.

Rate	11" Tall x 5.0" Dia. Part No.	13" Tall x 5.0" Dia. Part No.	16" Tall x 5.0" Dia. Part No.
100	—	SWI130-500-100BP	—
125	—	SWI130-500-125BP	SWI160-500-125BP
150	—	SWI130-500-150BP	SWI160-500-150BP
175	SWI110-500-175BP	SWI130-500-175BP	SWI160-500-175BP
200	SWI110-500-200BP	SWI130-500-200BP	—
225	—	SWI130-500-225BP	—

Standard Conventional Coil Springs

Each Swift conventional coil spring is engineered to deliver the optimal spring rate "sweet spot" where the spring is to be used. Some springs are available in "Bulletproof" versions, which are suited to applications that are subject to increased spring stress.

Rate	6" Tall x 5.0" Dia. Part No.	9.5" Tall x 5.0" Dia. Part No.	9.5" Tall x 5.5" Dia. Part No.	11" Tall x 5.0" Dia. Part No.	11" Tall x 5.5" Dia. Part No.	13" Tall x 5.0" Dia. Part No.	16" Tall x 5.0" Dia. Part No.	18" Tall x 5.0" Dia. Part No.	20" Tall x 5.0" Dia. Part No.
50	—	—	—	—	—	—	SWI160-500-050	SWI180-500-050	SWI200-500-050
80	—	—	—	—	—	—	SWI160-500-080	SWI180-500-080	SWI200-500-080
100	—	—	—	—	—	—	SWI160-500-100	—	SWI200-500-100
125	—	—	—	—	—	—	—	—	SWI200-500-125
150	—	—	—	—	—	—	—	—	SWI200-500-150
175	SWI060-500-175	—	—	—	—	—	—	—	—
200	SWI060-500-200	—	—	SWI110-500-200TH*	—	—	SWI160-500-200	—	—
225	SWI060-500-225	—	—	SWI110-500-225TH*	—	—	SWI160-500-225	—	—
250	SWI060-500-250	—	—	SWI110-500-250TH*	—	SWI130-500-250	—	—	—
275	—	—	—	—	—	SWI130-500-275	—	—	—
300	—	—	—	SWI110-500-300F†	—	—	—	—	—
325	—	—	SWI950-550-325	—	—	—	—	—	—
350	—	SWI950-500-350	SWI950-550-350	SWI110-500-350F†	—	—	—	—	—
375	—	SWI950-500-375	—	—	—	—	—	—	—
400	—	SWI950-500-400	SWI950-550-400	SWI110-500-400F†	SWI110-550-400	—	—	—	—
425	—	SWI950-500-425	—	SWI110-500-425F†	SWI110-550-425	—	—	—	—
450	—	SWI950-500-450	—	—	—	—	—	—	—
475	—	SWI950-500-475	—	—	—	—	—	—	—
500	—	SWI950-500-500	SWI950-550-500	—	—	—	—	—	—
525	—	SWI950-500-525	—	—	—	—	—	—	—
550	—	SWI950-500-550	SWI950-550-550	—	—	—	—	—	—
575	—	SWI950-500-575	—	—	—	—	—	—	—
600	—	SWI950-500-600	SWI950-550-600	—	—	—	—	—	—
625	—	SWI950-500-625	—	—	—	—	—	—	—
650	—	SWI950-500-650	SWI950-550-650	—	—	—	—	—	—
700	—	SWI950-500-700	—	—	—	—	—	—	—
750	—	SWI950-500-750	—	—	—	—	—	—	—
900	—	—	SWI950-550-900	—	—	—	—	—	—
1000	—	—	SWI950-550-1000	—	—	—	—	—	—
1100	—	—	SWI950-550-1100	—	—	—	—	—	—
1200	—	—	SWI950-550-1200	—	—	—	—	—	—

*Signifies rear specific spring. †Signifies front specific spring.



ROBBIE IVERSON



JAMIE IVERSON



Billet Spin-On Oil Filters

Billet 6061-T6 aluminum spin-on oil filters meet or exceed all OEM manufacturer's specifications and flow up to 30 GPM. Filters include dual O-ring grooves and are black anodized. Available with 35, 45, or 75-micron elements, each filter includes two universal mounting inserts to most Chevy, Ford, or Chrysler applications with 13/16"-16 or 3/4"-16 threads.

Part No.	Description
SYS209-361-B	Short Oil Filter, 45-Micron Element, 3-3/4" O.D. x 3-3/4" Long
SYS209-561-B	Long Oil Filter, 45-Micron Element, 3-3/4" O.D. x 5-3/4" Long
SYS209-571-B	Long Oil Filter, 75-Micron Element, 3-3/4" O.D. x 5-3/4" Long

Replacement Components

SYS205-140-1	Viton O-Ring Kit
SYS208-560	45-Micron Oil Filter Element for SYS209-561-B
SYS208-570	75-Micron Oil Filter Element for SYS209-571-B

Short HP-6 Style Billet Spin-On Oil Filter SYS210-005

Short HP-6 style billet aluminum spin-on oil filter is 4-1/4" O.D. x 5-1/4" long, great for use in tight spaces. Black anodized filter includes 1-1/2"-12 threads and comes with a 45-micron element.



Pro Series Billet Spin-On Oil Filters

Pro Series oil filters are designed to meet the demand of high-end racing engines common to dirt or asphalt late models. Black anodized billet 6061-T6 aluminum filters are 3-3/4" dia. x 5-3/4" long, flow 30 GPM, and deliver effective oiling with little or no restriction. Use with System One remote oil filter mounts and other mounts with 1"-12 threads.

Part No.	Description
SYS209-561-BPS	45-Micron Element, Buna N O-Rings
SYS209-571-BPS	75-Micron Element, Buna N O-Rings
SYS209-571-BPS-1	75-Micron Element, Viton O-Rings



Billet In-Line Fuel Filters

High-flow, high-capacity in-line filters use pleated stainless mesh elements of the same design as System 1 filters, but with 30-micron filtration. Ends are machined for -6AN through -12AN fittings.



Part No.	Description
SYS200-201406	2" Dia. x 4" Length, -6 Ends
SYS200-201408	2" Dia. x 4" Length, -8 Ends
SYS202-202408	2" Dia. x 9" Length, -8 Ends
SYS202-202410	2" Dia. x 9" Length, -10 Ends
SYS202-202412	2" Dia. x 9" Length, -12 Ends
SYS208-101400	Replacement Element, 2" Dia. x 4" Length Filters, 30-Micron

Billet Remote Oil Filter Mounts

Billet aluminum remote oil filter mounts are red anodized for a professional appearance. Sold complete with required fittings.

[SYS221-90004-12](#)



Description	Red Anodized Part No.	Black Anodized Part No.
2-Bolt, -10AN Fittings	SYS221-90004-10	—
2-Bolt, -12AN Fittings	SYS221-90004-12	SYS221-90004-12B
2-Bolt, Side Port,	SYS222-90007-12	—
LH Inlet, -12AN Fittings	—	—
2-Bolt, Side Port,	SYS223-90008-12	—
RH Inlet, -12AN Fittings	—	—

Big Block Chevy Adjustable Pressure Oil Pump SYS234-900773-2

Cast iron big block Chevy pump is adjustable from 75-125 PSI. Pump is factory pre-set at 80 PSI and includes unique oil bypass anti-aeration diffusion screen for maximum efficiency. Accepts stock big block Chevy pickup.



Powerglide Circlematic "Clutchless" Transmission [TCI742010](#)

Unit is "clutchless" with just an internal control valve body, eliminating the need for a clutch pedal or external oil pressure controls; simply put the transmission in gear and go. Transmission is fitted with a manual control reverse pattern valve body, 1.82 planetary gear set and standard capacity aluminum oil pan. Must be used in conjunction with a front pump drive kit or non-functioning torque converter.

Note: Conventional two-speed unit is not designed for racing in low gear.

Front Pump Drive Kits

Drive has low-rotating weight and replaces torque converter. The steel flange bolts to the crankshaft, the adapter shaft fits the flange and drives the transmission pump. Four grooves for spiral lock location accommodate a variety of mid-plates, or it may be used without a mid-plate.



Part No.	Engine/Balance	Transmission	Type	Motor Plate
Chevy				
TCI162000*	Internal	TH-350/400	2-Pc.	Adjustable
TCI745000*	Internal	Powerglide	2-Pc.	Adjustable
TCI745004	Internal, 1986-Up	Powerglide	2-Pc.	Adjustable

*Two-piece drive kits are not compatible with late model Chevy, 1-pc. rear main seal; use [TCI745004](#) for those applications.

Front Pump Drive Replacement Spiral Lock [TCI704700](#)

Replaces the spiral lock included in front pump drive kits.



Powerglide Circle Track Shifter [TCI748011](#)

Lightweight shifter provides easy mounting and solid shifter connections. Complete with a 29" long adjustable linkage rod and spherical rod ends.



Severe-Duty GM Transmission Mount [TCI952500](#)

Heavy-duty urethane transmission cross-member mount includes a safety interlock and fits many GM transmissions.



Powerglide Filler Tube Assemblies

Choose from short style with locking cap, or a pair of long-style assemblies that mount in stock manner.

[TCI743850](#)



[TCI743800](#)



Part No.	Description
TCI743800	Long-Style Filler Tube Assembly
TCI743804	Long-Style Filler Tube Assembly, Bent to Fit 1/4" Motor Plates
TCI743850	Short-Style Filler Tube Assembly

Powerglide Circlematic Internal Control Valve Body

TCI744500

Required when converting a stock GM Powerglide transmission into a oval track racing-specific unit. Internal control valve body features a full-manual reverse shift pattern, eliminating the need for external valving; simply put the car in gear and go.

Note: Valve body is designed for use with a front pump drive or non-functioning torque converter.



Powerglide Overhaul and Service Kits

TCI offers two overhaul kits and a service only kit. The Master Racing Kit includes all required clutch plates, steels, Kevlar band, transmission filter, PTFE sealing rings, seals, and gaskets for performing a thorough transmission overhaul. The Racing Overhaul Kit includes PTFE sealing rings, seals and gaskets only. The Service Kit consists of a racing filter and pan gasket.



Part No.	Description
TCI749000	Master Racing Overhaul Kit
TCI628800	Racing Overhaul Kit,
TCI628500	Includes Teflon Sealing Rings, Gaskets and Seals Only
	Service Kit, Includes Filter and Pan Gasket Only

Powerglide Components

TCI528300	Aluminum Transmission Pan, Standard Capacity, Cooling Fins, Drain Plug
TCI623700	Bushing Kit
TCI625101	Racing Low Gear Band Assembly
TCI704300	Oil Pressure Regulator Spring
TCI724000	High Gear Clutches (5), .098" Thick
TCI724002	Kolene-Treated High Gear Steels (6), .070" Thick
TCI724100	Reverse Gear Clutches (5), .098" Thick
TCI744200	Manual Valve Body, for Cars Requiring a Functioning Torque Converter
TCI748300	Stress-Proof Steel High Gear Clutch Hub
TCI749300	Hardened Input Shaft, Recommended for Applications with 500+ HP

Max Shift Circle Track Transmission Fluid

Specially formulated for dirt and asphalt automatic transmissions, Max Shift improves durability and performance. Fluid can operate at substantially greater temperatures than traditional petroleum-based or synthetic formulas, minimizing torque converter slippage for quicker straightaway acceleration. Sold in one-quart bottles or cases of 12 quarts.



Part No.	Description
TCI950630	Max Shift CT Transmission Fluid, Case (12) Qts.
TCI950631	Max Shift CT Transmission Fluid, 1 Qt.

Circle Track Torque Converters

For classes requiring a functional torque converter with maximum efficiency and reduced slippage, these converters can reduce lap times by more than a tenth of a second. Rotating weight has been reduced by several pounds. Available for Powerglide and TH-350/400 transmissions.



Part No.	Application	Dia.	Bolt Pattern	Flash Stall Speed	Weight
Powerglide					
TCI741025	Cars +2,400 lbs. with 350+ Cu. In.	10"	Small	1800-2000	24 lbs.
TCI741125	Cars +3,000 lbs. with 350+ Cu. In.	11"	Small	1800-2100	29 lbs.
TH-350/400					
TCI240920	Heavier Cars with 327-400 cu. in.	11"	Dual	2000-2300	29 lbs.
TCI242125	Cars +3,000 lbs. with 350+ Cu. In.	10"	Small	1800-2000	24 lbs.

Mid-Plate Spacer Kit

TCI745504

Spacers maintain proper torque converter-to-flexplate clearance on GM automatic transmissions when a 1/4" mid-plate is used.



GM LS Crank Pilot Adapter

TCI399753PE

Specialized steel adapter installs in the crankshaft pilot of a GM LS engine, allowing early model GM Powerglide, TH-350, etc. torque converters/transmissions to be used. Pilot is 1.700" O.D. x 1.450" I.D. x .872" long.



GM Extra Long Dowel Pins

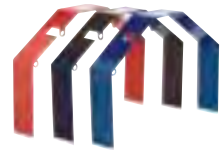
TCI930055

Extra-long, 2" dowel pins are black oxide coated and are perfect for use with a mid-mount motor plate.



Flexplate Safety Shields

High-strength steel, SFI-approved, Chevy flexplate shields protect drivers and spectators from a flexplate or starter ring gear failure.



Part No.	Description
TCI940000	Gold Dichromate Shield
TCI940002	Black Powder-Coated Shield
TCI940003	Red Powder-Coated Shield
TCI940004	Blue Powder-Coated Shield

Aluminum Trans-Shields

Shield offers protection in a drum explosion. Certified to SFI 4.1 specs and accepted by all major sanctioning bodies. Manufactured from 6061-T6 aluminum alloy, it includes mounting hardware for quick and easy installation.



Application	Red Anodized	Blue Anodized	Hardware Kit
Powerglide	TCI970000	TCI970005	TCI970100
TH-350	TCI975000	TCI975005	—

Lightweight Racing Starters

Starters offer optimum cranking torque and extra clearance for headers, oil pan, and ground. Featherlight models have permanent magnet motor and the mounting plate is machined with 12-o'clock positions for quick rotation and best fit.



Part No.	Description
TCI351100	Chevy Lightweight Racing Starter, 153/168T, 10.1 lbs.
TCI351106	Chevy Featherweight Racing Starter, 153/168T, 7.5 lbs.
TCI351110	GM LS Featherweight Racing Starter, 168T, 7.5 lbs. NEW!

Heavy-Duty Billet Flexplate for GM LS

TCI399853

Designed for Gen. III/IV GM LS engines, one-piece flexplate is manufactured from premium 4140 steel, includes a hobbled-on ring gear and laser-welded converter spacers. Gas-nitrided for added strength and e-coated for corrosion resistance, flexplate is capable of withstanding over 12,000 RPM. Includes multiple bolt patterns. Weighs just 7.6 lbs.



Heavy-Duty Flexplates

Flexplates are .035" thicker than stock and the ring gear is welded on both sides for strength. All flexplates listed meet SFI 29.1 specifications.



Part No.	Description
TCI399173	SB Chevy LT1, 153-Tooth, Externally Balanced
TCI399273	SB Chevy, 168-Tooth, Internally Balanced
TCI399373	SB Chevy 400, 168-Tooth, Externally Balanced
TCI399573	SB Chevy, 153-Tooth, Internally Balanced
TCI399853	GM Gen. III/IV LS, 168-Tooth, Internal Balance NEW!
TCI529632	Ford 289-351W, 351C, 351M-400, Internal Balance, When Using GM Transmission

Universal Transmission Cooler

[TCI820500](#)

Budget-priced, compact aluminum cooler keeps racing transmissions within a safe operating temperature range. Universal cooler is 3/4" x 7-1/2" x 15-1/2" long and includes installation kit with rubber line and hose clamps.



Performance Transmission Coolers

Red powder-coated aluminum coolers are specifically for racing and use -6AN female fittings rather than hose clamps for connections. All performance coolers include TCI821500 Quick Mount Kit.



Part No.	Description
TCI823200	3/4" x 5" x 12" Performance Cooler
TCI823500	3/4" x 7-1/2" x 15-1/2" Performance Cooler
TCI823800	3/4" x 10" x 15-1/2" Performance Cooler

Electric Brake Shut-Off

[TCI861200](#)

Designed for dirt track racing, electric brake shut-off allows driver to block fluid flow to the right front brake caliper, improving corner entry. Compact billet aluminum unit is compatible with all hydraulic brake systems and installs easily, mounting directly into the brake line between the master cylinder and caliper. Solenoid handles up to 3,000 PSI and has a waterproof seal.



SB Chevy Shaft Roller Rocker Arm Systems

Extruded 2024 aluminum rocker arms are CNC-machined, with intricate oil galleries to direct oil from the pushrod to the shaft bearings and onto the roller tip. Adjuster screws are 7/16" and broached for a 3/16" socket to eliminate twisted Allen wrenches. Deep case-hardened 8620 steel shafts are tempered for strength.



Rocker Part No.	Rocker Application	Ratio	Length	Int. Offset	Exh. Offset
TDM2126S-165PLUS100/155	Dart 13°	1.65	1.650"	.550"	.150"
TDM2144-160/150	Dart Sportsman II Aluminum/Pro 1	1.6/1.5	1.450"	.250"	.170"
TDM2144-160/160	Dart Sportsman II Aluminum/Pro 1	1.6/1.6	1.450"	.250"	.170"
TDM2150-160/150	Dart Iron Eagle	1.6/1.5	1.450"	.170"	.170"
TDM2251-160/150	Brodix Track 1 Spec.	1.6/1.5	1.450"	.250"	.080"
TDM2251-160/160	Brodix Track 1 Spec.	1.6/1.6	1.450"	.250"	.080"
TDM2251-165/155	Brodix Track 1 Spec.	1.65/1.55	1.450"	.250"	.080"
TDM2251-165/160	Brodix Track 1 Spec.	1.65/1.6	1.450"	.250"	.080"
TDM2301-150/150	AFR 227/235	1.5/1.5	1.450"	.375"	.080"
TDM2301-160/150	AFR 227/235	1.6/1.5	1.450"	.375"	.080"
TDM2301-160/160	AFR 227/235	1.6/1.6	1.450"	.375"	.080"

Note: All rocker arms listed include spring oil hole option.

Deluxe Pinion Depth Checker

[TDM11001](#)

Set up rear ends quickly and correctly. Fixture sits in place of differential carrier to easily check pinion depth. Includes adapters for most popular domestic rear ends.

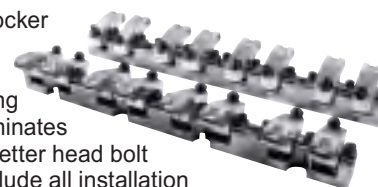


Shaft Roller Rocker Arm Replacement Parts

Part No.	Description
TDM03150	Rocker Arm Adjuster, 7/16"-20 x 1.130" with Shoulder, 5/16" Dia. Cup
TDM03210	Rocker Arm Jam Nut, 12-Pt., 7/16"-20 Thread
TDM03250	Jam Nut, 3/8"-24 12-Pt.
TDM0418-8	Needle Bearings, Steel Rocker Body, 8-Pack
TDM05020	Hold-Down Stud, 5/16"-18/24, 2.700" Long
TDM05051	Hold-Down Stud, 5/16"-18/24 x 1.890" Long, with Starter
TDM05106	Shaft Bolt, 12-Pt., 5/16"-18 x 1.250" Long
TDM05120	Hold-Down Nut, 12-Pt., 5/16"-24 Thread
TDM05205	Stand Bolt, 12-Pt. Flange-Head, 7/16"-14 x 7/8" Long
TDM05220	Stand Bolt, 12-Pt. Flange-Head, 7/16"-14 x 1-1/4" Long
TDM05225	Stand Bolt, 12-Pt. Flange-Head, 7/16"-14 x 1-1/2" Long
TDM05291	Stand Bolt, 12-Pt. Flange-Head 1/4"-20 x 1" Long
TDM05350	SB Chevy Stand Shim, .060", Thick
TDM05360	SB Chevy Stand Shim, .030", Thick
TDM05400	SB Chevy Stand Shim Kit, (8) .030" and (8) .060", Thicknesses

SportComp Shaft Roller Rockers

High-quality, affordable rocker sets reduce valve-train weight and valve lash adjustments while increasing RPM potential. System eliminates stud girdles and provides better head bolt accessibility. Sets of 16 include all installation hardware.



Part No.	Description
TDM10000-150/150*	SB Chevy, 1.5/1.5 Rocker Ratio
TDM10000-160/150*	SB Chevy, 1.6/1.5 Rocker Ratio
TDM10000-160/160*	SB Chevy, 1.6/1.6 Rocker Ratio
TDM10001-150/150	SB Chevy, .220" Offset, 1.5/1.5 Rocker Ratio
TDM10001-160/150	SB Chevy, .220" Offset, 1.6/1.5 Rocker Ratio
TDM10001-160/160	SB Chevy, .220" Offset, 1.6/1.6 Rocker Ratio
TDM10020-160/160	SB Ford, 1.6/1.6 Rocker Ratio

* Will not fit Dart 49cc Iron Eagle cylinder head.

Billet Aluminum Carburetor Spacers **NEW!**

CNC-machined from billet aluminum and clear anodized for corrosion resistance, 1-1/2" tall spacers are used to increase plenum volume and insulate the carburetor from the manifold for added performance. Choose from open, four-hole, "Torque-Flow" tapered four-hole, or dual-plane spacers. Each spacer is sold complete with necessary gaskets and fasteners.



Part No.	Description
TRA3200	Holley/AFB 4bbl., Open Plenum
TRA3207	Holley/AFB 4bbl., Standard 4-Hole
TRA3208	Holley/AFB 4bbl., "Torque-Flow" 4-Hole
TRA3209	Holley/AFB 4bbl., Dual Plane
TRA3210	Holley/AFB 4bbl., "Torque-Flow" Dual Plane

Aluminum Carburetor Spacers

Cast aluminum spacers fit between square-flange carburetors and intakes to improve performance and solve linkage clearance problems. Include gaskets and fasteners.



Part No.	Application	Thickness	Type
TRA2063	Holley 4bbl.	3/8"	Open Center
TRA2280	Holley 4bbl.	3/8"	Four Hole
TRA2084	Holley 4bbl.	1"	Open Center
TRA2103	Holley 4bbl.	1"	Open Center with PCV Fitting
TRA2135	Holley 2bbl.	1"	Open Center
TRA2137	Holley 2bbl.	1"	Two Hole
TRA2081	Holley 4bbl.	2"	Open Center
TRA2048	Holley 4bbl.	2"	Four Hole (1-11/16")
TRA2109	Roch. Q-Jet 4bbl.	1"	Open Center

Torque-Flow Carburetor Spacers

Carburetor spacers increase plenum volume for improved throttle response, torque, and horsepower. CNC-machined from aluminum billet, anodized spacers are available in four-hole and open-plenum versions. Gaskets and hardware are included.



Hamburger's
Performance Products

Part No.	Application	Thickness	Type
TRA3211	Holley/AFB 4bbl.	1"	Four Hole
TRA3212	Holley/AFB 4bbl.	2"	Four Hole

Carburetor Adapters

Reversible aluminum adapters allow a number of carburetor/intake manifold combinations and include gaskets and hardware.



Part No.	Application	Thickness	Type
TRA2034	Holley 4bbl. to Rochester Q-Jet 4bbl. Base	7/8"	Four Hole
TRA2066	Holley 4bbl. to Rochester Q-Jet 4bbl. Base	3/4"	Open Center
TRA2087	Holley 2BBL to Rochester Q-Jet	1-1/8"	Open Center

Billet Aluminum Carburetor Adapters

Adapters accommodate several carburetor/intake manifold combinations and include gaskets and hardware. Constructed from durable aluminum billet.



Hamburger's
Performance Products

Part No.	Application	Thickness	Type
TRA3223	Holley 2bbl to Holley 4bbl.	1"	Two Hole
TRA3224	Holley/AFB 4bbl. to Rochester Q-Jet 4bbl.	1"	Four Hole

Carburetor Base Gaskets

Made of 1/16" thick cellulose-nitrile.

Part No.	Description
TRA2067	Holley 350-500 2bbl., Open Center
TRA2069	Holley 4bbl., Open Center



Carburetor Stud Kits

Includes four each: studs, nuts, and washers.



Part No.	Description
TRA2046	1-3/8" Long x 5/16" Coarse/Fine Thread
TRA2047	2" Long x 5/16" Coarse/Fine Thread
TRA2106	3" Long x 5/16" Coarse/Fine Thread

Holley Carburetor Mount Throttle Return Kit

TRA2083

Spring kit with chrome bracket mounts to all Holley 2300/2305 and 4150/4160 series carburetors. Includes heavy and light springs.



SB Chevy EGR Block-Off Plate

NEW! TRA2056

Chrome-plated steel plate is sold complete with gaskets and fasteners.



Billet Aluminum Remote Oil Filter Bases **NEW!**

Durable, CNC-machined billet aluminum oil filter bases are made from 6061-T6 and allow remote mounting of the oil filter, helpful when headers or oil pan make access difficult. Bases include -12AN female ports and are offered in several different configurations.

Part No.	Description
TRA3403	Single Remote Oil Filter Base, Accepts FRAPH3786, Flows Left-to-Right
TRA3407	Single Remote Oil Filter Base, Accepts FRAHP6, Flows Right-to-Left
TRA3408	Single Remote Oil Filter Base, Accepts FRA3786, Flows Right-to-Left



Remote Oil Filter Brackets

Cast aluminum remote oil filter brackets have 1/2" NPT inlets and outlets.

Part No.	Description
TRA1028	Single Remote Bracket, Vertical Inlet and Outlet, 3/4"-16 Nipple Accepts Fram PH8A Ford Filters
TRA1045	Single Remote Bracket, Horizontal Inlet and Outlet, 3/4"-16 Nipple Accepts Fram PH8A Ford Filters



TRENT VOGTS



Magnetic Drain Plug **NEW!** TRA9064

Drain plug has 1/2"-14 NPT threads, and is suitable for use in transmissions or differentials. Magnetic design helps contain component wear during drain intervals.



Chevy Polyurethane Motor Mount Pads

NEW! TRA4238

Compatible with small or big block Chevy V8's, polyurethane/steel motor mount pads are significantly more durable than traditional rubber/steel mounts. Sold per pair.



Ford Engine Stand Bolts **NEW!**

TRA4896

Includes (4) 7/16"-14 x 4" long fasteners required when securing a Ford engine to an engine stand.



Oil Filter Relocation Base

TRA3300

CNC-machined from billet 6061-T6 aluminum remote filter units provide cleaner oil, add capacity, and increase flow with large -12AN ports. Use with Fram PH8A or equivalent oil filter.



Hamburger's
Performance Products

Spin-On Oil Filter Bypass Adapters

Adapters spin on in place of the stock oil filter. Inlets and outlets are threaded 1/2" NPT. Use bypass adapters for plumbing remote filters.



Part No.	Description
TRA1013	Ford V-8, Chrysler V-8 3/4"-16 Threads, 2-1/2" I.D. and 2-3/4" O.D. O-Ring
TRA1022	SB and BB Chevy 13/16"-16 Threads, 3-3/16" I.D. and 3-7/16" O.D. O-Ring

Billet Oil Filter Bypass Adapters

Aluminum spin-on adapters have large -12AN ports for superior oil flow. Hose and fittings not included.

Part No.	Description
TRA3320	Ford V-8, 3/4"-16 and 2-1/2" I.D./2-3/4" O.D. O-Ring
TRA3321	Chevy V-8, 13/16"-16 and 3-3/16" I.D./3-7/16" O.D. O-Ring



Hamburger's
Performance Products



One-Step Bump Steer Gauge

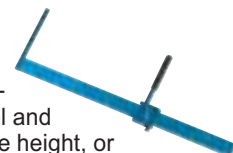
TAN1200-BSG

One of the most critical factors in proper race car set-up is correctly setting bump steer. Requires only a single dial indicator for proper set-up. Portable shop tool is complete with a precision-machined aluminum wheel plate that is drilled for 5 x 5, 5 x 4-3/4" and 5 x 4-1/2" bolt circles.



Bump Steer Gauge TAN56100

The Tanner bump steer gauge is the only one that will work with one or two dial indicators (two are included). Measures 6" of travel and fits all hub designs. Adjustable to work at ride height, or on jack stands.



Toe Plate Kit TAN56200

One person can quickly and accurately set toe-in with this kit. Includes two aluminum toe plates and two tape measures.



Frame Height Tool TAN56020

Billet aluminum checker reads frame height from 3-1/2" to 4-3/4" without a tape measure.



Plumb Bob Kit TAN56300

The inexpensive, effective method of squaring a race car. Kit includes two bobs and 16' of string.



Staggerite Precision

Tire Caliper TAN22120

Easily and correctly measures stagger. Roller contact prevents unwanted bind on hot, sticky tires. Frictionless slider makes Staggerite the easiest, most accurate tool available. Reads in 1/10" increments.



Standard Tire Gauge TAN20060

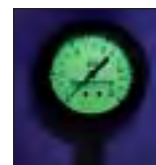
Standard 2" dia., 0-60 PSI gauge includes swivel-ended flexible hose, air release button, and shockproof bumper.



Glow-in-the-Dark Tire Gauges

Great for use in dark pit areas, 2-1/2" diameter gauges include swivel-ended flexible hoses, air release buttons, and shockproof bumpers.

Part No.	Description
TAN20315	0-15 PSI Tire Gauge
TAN20330	0-30 PSI Tire Gauge
TAN20360	0-60 PSI Tire Gauge



Quarter Midget Components

Honda Throttle Linkage Kit

NEW! TAN75010

Linkage kit, designed to fit 120 or 160 Honda platform engines, offers extremely smooth throttle operation to Quarter Midgets. Kit is CNC-machined from billet aluminum, features a corrosion-resistant, blue anodized finish and is sold complete with required hardware.



Quarter Midget Components (Cont.)

Honda Exhaust Clamp

TAN75021

CNC-machined, billet aluminum clamp attaches to the nerf bar and is used to retain the exhaust. Blue anodized finish offers corrosion protection.



Engine Sprockets

Engineered for Honda Quarter Midget engines, precision-machined sprockets are offered in a variety of tooth counts.

Part No.	Tooth Count	Part No.	Tooth Count
TAN75233	33	TAN75237	37
TAN75234	34	TAN75239	39
TAN75235	35	TAN75240	40
TAN75236	36		



Axle Split Sprockets

Precision-machined sprockets are offered in a variety of popular tooth counts.

Part No.	Tooth Count	Part No.	Tooth Count
TAN75326	26	TAN75330	30
TAN75327	27	TAN75331	31
TAN75328	28	TAN75332	32
TAN75329	29	TAN75333	33



MyChron Brackets

Specialized mounting bracket, CNC-machined from billet aluminum with a blue anodized finish, allows mounting MyChron unit directly to chassis.

Part No.	Description
TAN75023	5/8"
TAN75024	3/4"
TAN75025	7/8"



Steering Wheel Disconnect

TAN75070

Unit allows quick, effective steering wheel removal, thereby easing driver entry or exit. Sold complete with coupler and splined shaft, unit includes an .930" O.D. with 17-spline and 5/8" I.D. with 36-spline.



1.63" I.D. Coil Springs

Coil springs, which are 1.63" I.D., are offered in 3-1/2" or 5" heights. Each spring is labeled with the given rate.

Part No.	Description
TAN752-85	5" Tall x 85 lb.
TAN752-90	5" Tall x 90 lb.
TAN752-110	5" Tall x 110 lb.
TAN752-120	5" Tall x 120 lb.
TAN752-125	5" Tall x 125 lb.
TAN753-110	3-1/2" Tall x 110 lb.
TAN753-115	3-1/2" Tall x 115 lb.



Shock Inflation Adapter

TAN75580

Required when rebuilding or repairing Quarter Midget shocks.



Alignment Bar Kits

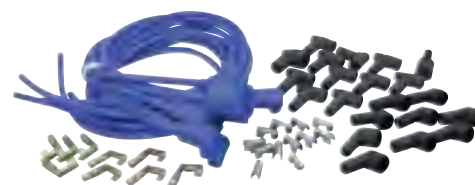
Engineered exclusively for use on Quarter Midgets, kits are CNC-machined from billet aluminum for precise, do-it-yourself alignments. Blue anodized for corrosion protection.

Part No.	Description
TAN75105	Front Alignment Bar Kit
TAN75110	Rear Alignment Bar Kit



8 mm Pro Universal Wire Sets

- 8mm wire has 100% pure silicone insulation, fiberglass-reinforced jacket
- Double-spring locking spark plug terminals firmly grip plugs
- Resistor core has 40% less resistance (more fire power) than most resistor conductors
- TCW (Tinned Copper Weld) wire core is for racing applications where RFI interference is not a concern

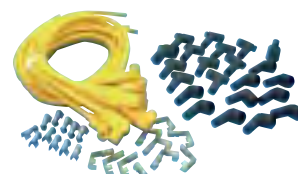


Description	Cyl.	TCW Wire Conductor			Resistor Core		
		Black	Red	Blue	Black	Red	Blue
90° Plug Boots	8	TAY70050	TAY70250	TAY70650	TAY70051	TAY70251	TAY70651
135° Plug Boots	8	TAY70052	TAY70252	TAY70652	TAY70053	TAY70253	TAY70653
180° Plug Boots	8	TAY70054	TAY70254	TAY70654	TAY70055	TAY70255	TAY70655
Vertex Style 90° Plug Boots*	8	—	—	TAY70660	—	—	—

Note: TCW wire sets are NOT designed for use with HEI or MSD ignition systems. *Vertex style sets have extra long leads for use with OAC/OXC magnets.

8 mm Spiro-Pro Universal Wire Sets

- Up to 10 times less resistance than standard resistor-core wire
- A must for electronic ignitions, on-board computers, and pit radios
- 100% silicone inner and outer jackets provide heat protection up to 600°F
- Taylor Pro boots feature low-profile silicone boots with grips
- Double-spring locking spark plug terminals



Description	Cyl.	Grey	Black	Purple	Red	Yellow	Blue	Hot Orange	Hot Lime
90° Boots	8	TAY53851	TAY73051	TAY73151	TAY73251	TAY73451	TAY73651	TAY78351	TAY78551
135° Boots	8	—	TAY73053	TAY73153	TAY73253	TAY73453	TAY73653	TAY78353	TAY78553
180° Boots	8	—	TAY73055	—	TAY73255	TAY73455	TAY73655	TAY78355	TAY78555



8 mm Spiro-Pro Custom Race-Fit Wire Sets

- Up to 10 times less resistance than standard resistor-core wire
- A must for electronic ignitions, on-board computers, and pit radios
- 100% silicone inner and outer jackets provide heat protection up to 600°F

- Taylor Pro boots feature low-profile silicone boots with grips
- Double-spring locking spark plug terminals

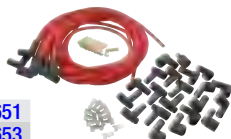
Application	Distributor Type	Plug Boot	TCW Wire Core		Spiro-Pro Wire		
			Red	Black	Red	Blue	
SB Chevy, Over Valve Cover	Socket	90°	—	—	TAY76027	TAY76227	—
SB Chevy, Over Valve Cover	HEI	90°	—	—	TAY76028	TAY76228	TAY76628
SB Chevy, Under Headers	Socket	90°	—	—	TAY76029	TAY76229	—
SB Chevy, Under Headers	HEI	90°	TAY76240	TAY76030	TAY76230	TAY76630	—

Note: TCW wire sets are NOT designed for use with HEI or MSD ignition systems.

Thundervolt 8.2 mm Universal Wire Sets

- Wire measures just 50 ohms per foot of resistance
- Ferrite, spiral-wound copper/nickel alloy core
- Three-layer Zimplex silicone outer jacket
- Tightly woven heat-treated fiberglass braid

Description	Cyl.	Black	Red	Blue
90° Plug Boots	8	TAY83051	TAY83251	TAY83651
135° Plug Boots	8	TAY83053	TAY83253	TAY83653
180° Plug Boots	8	TAY83055	TAY83255	TAY83655



"409" Pro Race Universal Wire

- 3 layers of silicone
- .409" (10.4 mm) diameter
- 600°F of heat protection



Description	Cyl.	Spiro-Wound Conductor			
		Red	Blue	Black	
90° Plug Boots	8	TAY79251	TAY79651	TAY79051	
135° Plug Boots	8	TAY79253	TAY79653	TAY79053	
180° Plug Boots	8	TAY79255	TAY79655	TAY79055	

"409" Pro Race Custom Race-Fit Wire Set

NEW!

- No extra sleeving required
- Sleeving is extruded directly over 8mm wire
- Available in Spiro-Wound Conductor for compatibility with multiple-spark ignitions, etc.



Part No.	Application
TAY79214	GM LS, 2003-14, OEM Coil Location, Red NEW!

Clip-On Wire Separators

Tough nylon separators withstand temperatures up to 400°F and are available for 7-8 mm and 10.4 mm spark plug wires. Choice of four colors. Each kit contains two 4-wire separators, two 3-wire separators, and two 2-wire separators.

Plug Wire Size	Black	Red	Yellow	Blue
7-8 mm	TAY42800	TAY42820	TAY42840	TAY42860
10.4 mm	TAY42809	TAY42829	—	TAY42869



Clamp-Style Wire Separators

Separates, groups, and supports ignition wires for a neat, organized job. Molded from non-conductive type 6/6 nylon, separators will not melt, mar, distort, crack, or fade. Available to fit 7-8 mm and "409" 10.4 mm wire sizes. Choice of three colors. Each kit contains two 4-wire separators, two 3-wire separators, and two 2-wire separators.

Plug Wire Size	Black	Red	Blue
7-8 mm	TAY42700	TAY42720	TAY42760
10.4 mm	TAY42709	TAY42729	TAY42769



"T" Clip "409" Wire Separators TAY42609

Each clip separates two "409" Pro Race Wires in tight-fit areas for neat, tangle-free routing. Four clips per package. Easy installation.



Spark Plug Boot Protectors

Universal fit protectors are 6 inches long and withstand temperatures up to 1200°F.

Description	1 Per Pkg.	8 Per Pkg.
Silver	TAY2523	TAY2524
Red	—	TAY2562
Blue	—	TAY2566



Red Heat Sleeving TAY2525

Sleeving fits over 7 mm and 8 mm plug wires for heat and abrasion protection. Withstands up to 500°F and is packaged in a 25-ft. roll.



Spark Plug Wire Replacement Components **NEW!**

Part No.	Description
TAY44029	Distributor/Coil Boot and Terminal Kit, 180°, Socket Cap, Black, 50-Pack
TAY44076	Coil Wire Boots, 180°, Black 25-Pack
TAY44301	Distributor/Coil Socket Style Terminal Kit, 100-Pack
TAY46205	Spark Plug Boots, 135°, Black, 25-Pack



Spark Plug Wire Removal Tool TAY43392

Tool has insulated handle and will not damage spark plug wires.



Multi-Purpose Tool TAY43390

Multi-purpose tool will cut, strip, and crimp all popular primary wire. Made of high-carbon steel, it will crimp both 7 mm and 8 mm spark plug wire ends. The plastic hand grips are non-conductive/non-slip and the tool is finished in rust-resistant black.



Professional Crimp Tool

Tool uses a positive ratcheting system to produce factory-quality crimps on spark plug wire terminals. Crimp dies may be purchased separately and used to cut and crimp traditional wire terminals, removing just the right amount of wire insulation without damaging the wire conductor.

Part No.	Description
TAY43400	Professional Crimp Tool
TAY43401	Crimp Die, Cuts 10-22 Gauge Insulated Terminals
TAY43402	Crimp Die, Cuts 10-22 Gauge Non-Insulated Wire



Toggle Switch TAY1018

Heavy-duty die cast switch is rated at 50-amps. Fits 1/2" hole.



"Waterproof" Sealed Toggle Switch TAY1026

Ideal for dirt circle track, switch has internal O-rings and a plasticized body to protect against dirt and moisture.





Push Button Starter Switch TAY1016

Switch has a 60-amp rating, silver-plated contacts, and a neoprene cap to seal out dirt and moisture.



Trunk Mount Battery Kit TAY48000

A trunk-mounted battery improves weight distribution and reduces under-hood clutter. Kit includes pre-terminated ends, 16' of solid copper 2-gauge cable, ground cable, battery tray, 3/8" J-bolt hold-downs, and hardware.



Master Disconnect Switch TAY1032

Two-post switch is rated at 180-amp continuous capacity and provides a direct power shut-off for the entire electrical system.



Ground Strap NEW! TAY20318

Fine-stranded steel, 4-gauge ground strap is 18" long.



TEL TAC

Digital Readout Telltale Tachs

The TEL TAC II has an LCD digital readout and is compatible with most ignitions and engines. Unit turns on automatically once the engine is started, reading RPM from 500-12,000 RPM on V-8's, and to 15,000 RPM on smaller engines. Once the engine is shut off, the highest RPM attained is shown for 30 mins. Oval Track Pro digital tachometer displays the highest overall RPM, the four lowest RPM, and the four highest RPM from two laps. Compact 3-1/8" x 3-1/8" units are powered by a 9-volt alkaline battery.

Note: Will not work with odd-fire V-6, V-4 with Vertex internal coil magneto, or 4-cylinder with EFI.

Part No.	Description
TELTACH	TEL TAC II Digital Tachometer
TELOTP	Oval Track Pro Digital Tachometer
TEL1001	Harness-Needed for Multi-Car use or as Replacement



TELOTP



Performance Axle Kits

Performance axle kits are strong, durable, and affordable. Ideal for factory stocks, street stocks, etc., axles are backed by a 10-year replacement warranty. Wheel bearings, seals, and OE-size wheel studs are included.

Part No.	Application	Side	Length	Spline	Bolt Circle	Stud Size
Ford 8.8"						
TENMG22180	1979-93 Mustang, 5-Lug Upgrade	LH/RH	29.00"	28	5 x 4.5"	1/2" Press
TENMG22182	1979-93 Mustang	LH/RH	29.00"	28	4 x 4.5"	1/2" Press
TENMG22184	1994-98 Mustang	LH/RH	29.93"	28	5 x 4.5"	1/2" Press
GM 8.2"/8.5" 10-Bolt						
TENMG22102	1973-77 Malibu/Cutlass/Regal/Lemans	LH/RH	30.43"	28	5 x 4.75"	7/16" Press



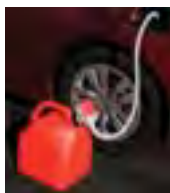
TIER A



NEW VENDOR!

Battery-Powered Fuel Transfer Pump TER20000

Battery-powered fuel transfer pump attaches directly to most popular utility jugs and allows the transfer of fuel directly into tanks or cells. Powered by (4) AA batteries, pump displaces three gallons per minute and includes an auto-stop sensor to prevent over-filling. Sold complete with (3) fuel can adapters.



Battery-Powered Racing Fuel Transfer Pump TER20066

Fuel transfer pump allows for quick-filling of fuel cells. Attaches directly to most popular utility jugs with included cap adapter, displaces three gallons per minute of gas, diesel or water. Auto-Stop sensor prevents spillage. Powered by (4) AA batteries, pump is sold complete with (1) racing jug adapter and (3) fuel can adapters.

Battery-Powered Liquid Transfer Pump with Flow Control TER20001

Powered by (2) D-cell batteries. Pump simply inserts into virtually any liquid container and includes the ability to transfer liquids by up to 2-1/2 gallons per minute. Flow control lever allows adjusting the flow of liquid to the desired rate. Pump has a total length of just over 26" and weighs only 11.9 ounces.



Battery-Powered Liquid Transfer Pump TER20039

Battery-powered pump has the ability to transfer gas, diesel or water at up to 2.4 gallons per minute, eliminating the heavy lifting or spillage typically associated with fuel transfer. Powered by (2) AA batteries, unit has a 21" total length.



Telescopic Electric Drum Pump TER20079

110-volt powered suction pump features a telescopic suction pipe and full control nozzle to allow easy dispensing of liquids at up to 4.2 gallons per minute. Unit extends into drums from 32-1/2" to 44" and has a 6-1/2' outtake hose.





Closed Tube Rear End TIGM2010S

Tiger low-drag technology reduces power loss without compromising durability. The 4.86 ring and pinion sets have undergone Electrical Discharge Machining (EDM) and REM finishing to reduce friction and wear. Quick-change has a mag center, aluminum spool, aluminum six-rib bells, heat-treated lower shafts, roller pinion bearings, and heavy-duty aluminum cover with bearings. Sold complete, less tubes.

Note: Custom-order quick-change rear ends are also available. Please contact salesperson for more information.



High-Performance Synthetic Gear Oil TIG5201

Heavy-duty, extreme-pressure gear lubricant is compounded in a fully synthetic base engineered to endure the rigors of racing. High-performance gear oil reduces friction, wear, and the associated extreme temperatures, while incorporating special additives that prevent rust, oxidation, and corrosion. Sold in one-gallon container.



Quick-Change Rear End Replacement Components

Part No.	Description
Aluminum Bell and Related Components	
TIG2202	Aluminum 6-Rib/Left Side Bell
TIG2203	6-Rib Side Bell O-Ring
TIG2204	Low-Drag Side Bell/Locker Seal
TIG2216	Bell Inspection Plug with O-Ring
Bolt-On Snouts	
TIG2841BB	Wide 5 Bolt-On Snouts for Tiger Brake Bracket, .5° Camber
TIG2842BB	Wide 5 Bolt-On Snouts for Tiger Brake Bracket, 1° Camber
TIG2843BB	Wide 5 Bolt-On Snouts for Tiger Brake Bracket, 1.5° Camber
TIG2848BB	Wide 5 Eight-Bolt Collar for Seal, Tiger Brake Bracket
TIG2854BB	2" GN 5 x 5 Bolt-On Snouts for Tiger Brake Bracket, .5° Camber
TIG2855BB	2" GN 5 x 5 Bolt-On Snouts for Tiger Brake Bracket, 1.0° Camber
TIG2856BB	2" GN 5 x 5 Bolt-On Snouts for Tiger Brake Bracket, 1.5° Camber
Internal Components	
TIG2055	Ring Gear Bolts, Threaded Ring Gear
TIG2102	Inspection Plug with O-Ring
TIG2504	Lower Shaft Front Bearing
TIG2708	Drive Yoke Spacer
TIG2713	Inner Seal Plate O-Ring

Part No.	Description
Rear Cover Components	
TIG2070	Rear Cover High-Nut Kit, Aluminum
TIG2302	Rear Cover Ball Bearings, Heavy-Duty
TIG2306	Rear Cover Stud Kit, 3/8"-16 x 1-1/2" Long
TIG2307	Rear Cover Studs, 3/8"-16 x 1-1/2" Long, Each
Seal	
TIG2703	Yoke Seal, Low-Drag Viton, .750" Thick
Spool	
TIG2401	31-Spline Standard Aluminum Spool
Suspension Related Components	
TIG3023	Wide 5 Steel 16-Bolt Brake Adapter Plate, 1.5° Camber
TIG3012-5X5-.5	5 X 5 Brake Bracket Assembly, .5° Camber
TIG3012-5X5-1.0	5 X 5 Brake Bracket Assembly, 1.0° Camber
TIG3012-5X5-1.5	5 X 5 Brake Bracket Assembly, 1.5° Camber
TIG3012-W5-.5	Wide 5 Brake Bracket Assembly, .5° Camber
TIG3012-W5-1.0	Wide 5 Brake Bracket Assembly, 1.0° Camber
TIG3012-W5-1.5	Wide 5 Brake Bracket Assembly, 1.5° Camber



Thermo Flow Modular Coolers NEW!

Modular oil coolers incorporate a unique cooling fin design that offers maximum cooling efficiency, pulling the heat out of the oil, and dissipating it into the ambient air that surrounds the unit. Modular design allows converting 2-tube unit to 4- or 6-tube cooler. May be used to cool transmission, power steering, or differential fluids. Offered in two-, four-, and six-tube versions, coolers are sold complete with -6AN male port fittings and mounting brackets.



Part No.	Description
THE38126	2-Tube Modular Cooler Assembly
THE38146	4-Tube Modular Cooler Assembly
THE38166	6-Tube Modular Cooler Assembly

Snap Straps

Straps secure exhaust insulating wrap, but may be used for other purposes as well. Narrow profile

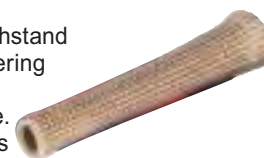
Snap Straps fit in tight spots and are packaged in pre-cut lengths of 9" and 18" with multi-locks attached.



Part No.	Description
THE13101	V-8 Kit, Includes (8) 9" Straps, (4) 18" Straps
THE13150	12-Pack Kit, Includes (12) 9" Straps
THE13160	6-Pack Kit, Includes (6) 18" Straps

Cool-It Plug Wire Sleeves

Double-wall construction sleeves withstand conductive heat up to 750°F, while offering enhanced performance, reduced misfires, and extended spark plug wire life. Universal fit sleeves fit most plug boots and are easy to install.



Part No.	Description
THE14260	Natural, 4-Pack
THE14262	Black, 4-Pack



Exhaust Insulating Wrap

Turn exhaust heat into a winning edge and keep it away from the engine. Wrap reduces under-hood temperatures up to 70% by keeping the heat in the exhaust pipes where it can promote better scavenging, improving horsepower and torque. Choose from Standard, Black Graphite, Generation II Copper, and new Platinum. Secure with stainless steel Snap Straps (available separately) or standard hose clamps. May also be purchased in a kit form, which includes sufficient exhaust wrap, Snap Straps, and Hi-Heat Coating for a set of V-8 headers.

Description	Standard Part No.	Black Graphite Part No.	Copper Part No.	Platinum Part No.
1" x 50'	THE11001	THE11021	THE11031	—
2" x 50'	THE11002	THE11022	THE11032	THE11062
2" x 100'	THE11003	THE11023	—	—
1" x 15'	THE11151	THE11153	—	—
2" x 15'	THE11152	THE11154	—	—
8 Cyl. Exhaust Wrap Kit	—	THE19222	—	—

Hi-Heat Coating

Specially formulated coating protects and colors header wrap. Prevents damage from fluids and flying debris. Withstands heat up to 2000°F. Works great on other high-temperature applications.

Part No.	Color
THE12001	Black
THE12002	Aluminum
THE12003	Copper

Ground Shipment Only



Thermo-Sleeve

Thermo-Sleeve protects pipes, hoses, and wires from radiant heat up to 2,000°F. Sold in 3-ft. and 12-ft. rolls.

Description	3' Length Part No.	12' Length Part No.
1/4" to 1/2" Dia.	THE14005	THE14006
5/8" to 1" Dia.	THE14010	THE14011
1-1/8" to 1-1/2" Dia.	THE14015	THE14016
1-5/8" to 2" Dia.	THE14020	THE14021
2-1/8" to 2-1/2" Dia.	THE14025	—



Ignition/Spark Plug Wire Sleeve THE14040

High-temperature sleeving, manufactured from braided, continuous e-glass insulation that offers heat protection up to 1,000°F, is ideal for protecting spark plug wires, ignition wiring, and fuel lines from excessive heat. Sold in 3/8" wide x 25' long roll, black only.



Heat Sleeve

Silicone-coated fiberglass fire sleeving protects wires, cable, and hoses from high temperatures and occasional exposure to flame. Capable of continuous protection to 500°F and short-term exposure up to 2,200°F. Offered in silver or black. Sold in 3' and 10' lengths.

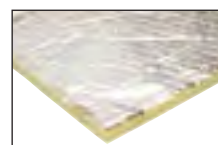
Description	3' Length Part No.	10' Length Part No.
1/2" Dia., Black	THE18050	THE18050-10
1/2" Dia., Silver	THE18051	THE18051-10
3/4" Dia., Black	THE18075	THE18075-10
3/4" Dia., Silver	THE18076	THE18076-10
1" Dia., Black	THE18100	THE18100-10
1" Dia., Silver	THE18101	—



Cool-It Insulating Mat

Resin-bonded silica insulation, sand-wiched between Mylar and foil, keeps heat and noise in cockpit to a minimum. Installs quickly; fasteners are included. Choice of two sizes.

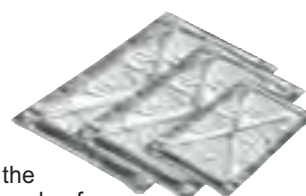
Part No.	Description
THE14100	24" x 48"
THE14110	48" x 48"



Competition Floor Insulating Mats

Designed with the racer in mind, the competition floor insulating mat is made of the highest quality insulating materials available. Mat is made with a highly textured aluminum composite surface on one side, a high-temperature silica felt center, and a durable Mylar facing.

Part No.	Description
THE16510	8" x 12"
THE16520	10" x 18"
THE16530	18" x 18"
THE16540	18" x 24"
THE16560	24" x 36"



Aluminized Heat Barrier

Reflective, high-temperature barrier withstands radiant heat up to 2,000°F to prevent heat transfer through floorboards. Offered in five sizes. The four smaller sizes have an adhesive backing for quick installation. Large barrier is secured with rivets and back-up washers or heavy-duty spray adhesive.

Part No.	Description
THE13500	Adhesive Backed Heat Barrier, 12" x 12"
THE13575	Adhesive Backed Heat Barrier, 12" x 24"
THE13585	Adhesive Backed Heat Barrier, 24" x 36"
THE13590	Adhesive Backed Heat Barrier, 24" x 48"
THE14001	Aluminized Heat Barrier, 36" x 40"
THE12005	Heavy-Duty Spray Adhesive, 16-oz. Aerosol Can

Starter Heat Shield

THE14150

Easily installed kit wraps starter and solenoid to reflect radiant heat. Secures with provided fasteners. Measures 7" x 22".



Gold Heat Barrier

Heat-reflective material may be used to protect vital engine components, delivering a barrier against radiant heat up to 2,000°F. Used to help lower air intake and under-hood temperatures, product installs virtually anywhere with an adhesive backing.

Part No.	Description
THE13700	12" x 24"
THE13775	24" x 24"



Rogue Series Clamp-On Heat Shields NEW!

The new and improved method of blocking exhaust heat, Rogue Series heat shields are constructed from high-tech composite. Offered in lengths of 5-3/4" or 11-3/4", heat shields are sold complete with necessary clamps and stand-offs. Installs in minutes. Choose from Ricochet or Carbon Fiber versions.

Part No.	Description
THE11500	Ricochet Clamp-On Heat Shield, 3-3/4" x 11-3/4"
THE11501	Ricochet Clamp-On Heat Shield, 3-3/4" x 5-3/4"
THE11550	Carbon Fiber Clamp-On Heat Shield, 3-3/4" x 11-3/4"
THE11551	Carbon Fiber Clamp-On Heat Shield, 3-3/4" x 5-3/4"





99T 5.5" Aluminum Bellhousing Packages **NEW!**

Engineered specifically to meet the demands of short track racing, lightweight, yet rigid bellhousing packages offer maximum ground clearance and a side-bolted starter, eliminating the need to pull the transmission when having to service the starter. Sport 5.5" clutch and small diameter, 99-tooth cover-mount ring gear offer an ultra-low moment-of-inertia. Each package includes bellhousing, 5.5" Sport metallic clutch, billet steel ring gear, button flywheel, clutch pack, hydraulic release bearing, Super Starter, and necessary hardware.



Part No.	Description
TIL52-71120	Early Chevy, Sport 5.5" 2-Disc Package
TIL52-71130	Early Chevy, Sport 5.5" 3-Disc Package
TIL52-74120	Chevy Crate, Sport 5.5", 2-Disc Package
TIL52-74130	Chevy Crate, Sport 5.5", 3-Disc Package

Mach I 7.25" and Mach II 5.5" Button Clutch Replacement Components



Part No.	Description
MACH I 7.25" Button Clutch Replacement Components	
TIL19003	Button Flywheel, Early Chevy
TIL19011	Button Flywheel, Late Chevy
TIL64185-2-AA-06	2-Plate Disc Pack, Coarse Spline (1-1/8"-10)
TIL64185-2-AA-36	2-Plate Disc Pack, Fine Spline (1-5/32"-26)
TIL64185-2-ABA-06	3-Plate Disc Pack, Coarse Spline (1-1/8"-10)
TIL64185-2-ABA-36	3-Plate Disc Pack, Fine Spline (1-5/32"-26)
MACH II 5.5" Button Clutch Replacement Components	
TIL67-118HR	Pressure Plate
TIL67-119	Floater Plate
TIL64140-9-AA-36	2-Plate Disc Pack, Fine Spline (1-5/32"-26)
TIL64140-9-ABA-36	3-Plate Disc Pack, Fine Spline (1-5/32"-26)
TIL64140-9-AA-06	2-Plate Disc Pack, Coarse Spline (1-1/8"-10)
TIL64140-9-ABA-06	3-Plate Disc Pack, Coarse Spline (1-1/8"-10)

OE Diameter Flywheel

TIL51-021-1

Designed as a direct replacement to the stock flywheel, including the OE diameter. Chevy, 153T flywheel is neutral balance, and includes a .100" step for 7.25" clutch friction surface. Weighs just 8.3 lbs.



7.25" Button Clutch/Flywheel Replacement Components

Part No.	Description
Clutch Assembly (Includes Clutch Cover with Diaphragm Spring, Pressure Plate and Floater Plates)	
TIL66-002UGG	Metallic 2-Disc, Ultra-High Ratio Pressure Plate
TIL66-003HG	Metallic 3-Disc, High Ratio Pressure Plate
TIL66-302UGG	Cerametallic 2-Disc, Ultra-High Ratio Pressure Plate
Full Circle Metallic Disc Packs	
TIL64185-2-F-30	1-Disc, 1" x 23-Spline x 30°, 6-Rivet/Back-to-Back Hub
TIL64185-4-T-36	1-Disc, 15/32" x 26-Spline, 8-Rivet, .375" Thick Hub NEW!
TIL64185-2-AA-06	2-Disc, 1-1/8" x 10-Spline, 6-Rivet/Back-to-Back Hub
TIL64185-2-AA-36	2-Disc, 1-5/32" x 26-Spline, 6-Rivet/Back-to-Back Hub
TIL64185-2-AC-05	2-Disc, 1-1/16" x 10-Spline, 6-Rivet/Stacked Hub
TIL64185-2-ABA-06	3-Disc, 1-1/8" x 10-Spline, 6-Rivet/Back-to-Back Hub
TIL64185-2-ABA-36	3-Disc, 1-5/32" x 26-Spline, 6-Rivet/Back-to-Back Hub
TIL64185-2-ACC-05	3-Disc, 1-1/16" x 10-Spline, 6-Rivet/Stacked Hub
TIL64185-2-ACC-36	3-Disc, 1-5/32" x 26-Spline, 6-Rivet/Stacked Hub
TIL64185-4-VTV-36	3-Disc, 1-5/32" x 26-Spline, 8-Rivet/Back-to-Back Hub
Four-Paddle Cerametallic Disc Packs	
TIL64185-8-W-30	1-Disc, 1" x 23-Spline x 30°, 8-Rivet/Back-to-Back Hub, .550" Hub Thickness NEW!
TIL64185-8-VV-10	2-Disc, 29mm x 10-Spline, 8-Rivet/Back-to-Back Hub
TIL64185-8-VV-30	2-Disc, 1" x 23-Spline x 30°, 8-Rivet/Back-to-Back Hub
TIL64185-8-VV-36	2-Disc, 1-5/32" x 26-Spline, 8-Rivet/Back-to-Back Hub
TIL64185-8-VV-41	2-Disc, 23 x 24mm x 25°, 8-Rivet/Back-to-Back Hub
TIL64185-8-VV-52	2-Disc, 10 x 35mm, 8-Rivet/Back-to-Back Hub
TIL64185-8-VV-30H**	2-Disc, 1" x 23-Spline x 30°, 8-Rivet/Back-to-Back Hub NEW!
Pressure Plates	
TIL66-118HR-R	Cerametallic, High Ratio
TIL66-118UHR	Metallic, Ultra-High Ratio
TIL66-118UHR-R	Cerametallic, Ultra-High Ratio
TIL66-302HGG	OT-II Cerametallic, 2-Plate, Step Flywheel, High Ratio, 380 lbs.-ft. Per Plate NEW!
Floater Plate	
TIL66-119	Standard Floater Plate
Flywheels	
TIL19003	Chevy V-8, 2-Pc. Rear Main Seal, Button Clutch
TIL19039	SB Ford, Neutral Balance NEW!
TIL51-052-1*	Chevy V-8, 2-Pc. Rear Main Seal, Button Clutch, 104T
TIL51-4479	Chevy LSX/LT1/LT4 V-8, 153T NEW!
TIL51-4335	Mitsubishi Evo 10 NEW!
Metallic Clutch Bolt Kits	
TIL95-005	2-Disc, Pot Flywheel, Through Mounting Holes, 5/16"-24 x 1.72"
TIL95-006	3-Disc, Pot Flywheel, Through Mounting Holes, 5/16"-24 x 1.97"
TIL95-011	3-Disc, Step Flywheel, 5/16"-24 Threaded NEW!

*Special application; requires starter **TIL54-40005** **Signifies induction-hardened hub for improved wear resistance

5.5" Button Clutch/Flywheel Replacement Components

Part No.	Description
Clutch Assembly (Includes Clutch Cover with Diaphragm Spring, Pressure Plate and Floater Plates)	
TIL57-1136	Sport, 3-Disc, 26-Spline, Early SB Chevy, with Button Flywheel NEW!
TIL57-1536	Sport, 3-Disc, 26-Spline, SB Ford, with Button Flywheel NEW!
TIL57-2336	Sport, 2-Disc, 26-Spline, SBC Crate, with Button Flywheel NEW!
TIL57-3136	Ultra, 3-Disc, 26-Spline, Early SB Chevy, with Button Flywheel NEW!
TIL57-4336	Ultra, 2-Disc, 26-Spline, SBC Crate, with Button Flywheel NEW!
TIL67-002HG	2-Disc, High Ratio Pressure Plate
TIL67-003HG	3-Disc, High Ratio Pressure Plate
Full Circle Metallic Disc Packs	
TIL64140-1-AA-36*	2-Disc, 1-5/32" x 26-Spline, 6-Rivet, Rigid Hub NEW!
TIL64140-1-ABA-36*	3-Disc, 1-5/32" x 26-Spline, 6-Rivet, Rigid Hub NEW!
TIL64140-9-AA-06	2-Disc, 1-1/8" x 10-Spline, 6-Rivet/Back-to-Back
TIL64140-9-AA-36	2-Disc, 1-5/32" x 26-Spline, 6-Rivet/Back-to-Back
TIL64140-9-ABA-06	3-Disc, 1-1/8" x 10-Spline, 6-Rivet/Back-to-Back
TIL64140-9-ABA-36	3-Disc, 1-5/32" x 26-Spline, 6-Rivet/Back-to-Back
Pressure Plates	
TIL67-118HR	Metallic, High Ratio
TIL67-202HG-36	Ultra, 2-Disc, 26-Spline, SBC Crate NEW!
TIL67-903HG-36	Sport, 3-Disc, 26-Spline, Early SB Chevy NEW!
Floater Plate	
TIL67-119	Standard Floater Plate
Flywheels	
TIL51-110-1	Ring Gear Clutch Cover Mount, 110T, 6 & 8-Leg Clutches NEW!
TIL51-651	Chevy V-8, 2-Pc. Rear Main Seal, Rear Mount Starter, 102T
TIL51-653	Ford V-8, Rear Mount Starter, 102T
TIL19045	SB Ford, Neutral Balance, 8-Leg Clutch NEW!
Metallic Clutch Bolt Kits	
TIL95-002-5	2-Disc, Step/Pot Flywheel, Through Mounting Holes, 5/16"-24 x 1.97"
TIL95-003-5	3-Disc, Pot Flywheel, Threaded Mounting Holes, 5/16"-24 x 2.22"

*Discs utilize a new material engineered exclusively for circle track racing.



2200-Series

Hydraulic Release Bearings **NEW!**

Engineered as a direct replacement for the QM 3-leg release bearing, mounting into QM bellhousings without the need for any modifications. Manufactured with a high temperature mono-seal and a high-speed bearing with extensive usage of proprietary low-friction coatings for increased durability.

Part No.	Description
TIL60-2210	3.00" (76.2mm) Tall Bearing
TIL60-2240	3.30" (83.8mm) Tall Bearing



4000-Series

Hydraulic Release Bearing Kits

4000-Series release bearings mount inside of Tilton 53-series OE/LGC aluminum or steel bellhousings. Sold complete with (2) -3AN fittings.

Part No.	Application	Contact Dia.	Type	Weight
TIL60-4000	5.5"-8.5" Clutches	2.05" (52 mm)	Radius-Face Bearing	1.30 lbs.
TIL60-4230*	5.5"-7.25" Clutches	1.75" (44 mm)	Radius-Face Bearing	1.15 lbs.

* Overall height: 2.920" with shim, 2.870" without shim. Bearings come with shim installed in piston under the bearing. Shim may be removed to gain .050" additional clearance.



6000-Series

Hydraulic Release Bearing Kit

TIL60-6101

Engineered for use with GM Tremec TKO/500/600 or Saginaw transmissions, adjustable hydraulic release bearing kit is designed for ease of installation and maximum reliability. Bearing includes a stainless steel threaded bearing retainer that offers nearly 1.250" of adjustability. Sold complete with (2) -3AN fittings. Release bearing is for use with 8.5"-11" clutches and includes a 1.77"-3.00" adjustment range.



6100-Series

Hydraulic Release Bearing for Ford B-W/Tremec T-5 **NEW!** TIL60-6104

Designed to offer ease of installation and maximum reliability at an affordable price, 6100-Series hydraulic release bearings mount onto the transmission input shaft bearing retainer. Bearing is engineered for Ford applications with Borg-Warner or Tremec T-5 transmission.



8000-Series

Hydraulic Release Bearing Kit

Special-purpose hydraulic release bearing features an ultra-low profile. Constructed from lightweight aluminum, bearing is sold complete with (2) -3AN fittings.

Part No.	Application	Contact Dia.	Overall Height
TIL61-8122	Special Purpose	1.73" (44,mm)	1.44"



9000-Series

Hydraulic Release Bearing **NEW!**

TIL61-9012

The 9000-series is ideal for applications that require a bearing with a reduced piston area, which allows the use of a 5/8" master cylinder and is common to many production cars with a 7.25" clutch. Bearing, which is 2.02" (51.3,mm) tall, offers optimal mounting onto transmission or bellhousing, often with an adapter.

Hydraulic Release Bearing Replacement Components

Part No.	Description
TIL62-002	52 mm Bearing
TIL62-008	38 mm Bearing
TIL62-031	44 mm Bearing
TIL62-905	Universal Seal Kit, Fits All Except 9000-Series



Hydraulic Release Bearing Adapter for Mitsubishi Evo 8 **NEW!** TIL62-9900

Specialized adapter allows fitting a Tilton 9000-series hydraulic release bearing to Mitsubishi Evo.



Cooler Pump

High-performance pump can be used on differentials or transmissions. Electric pump can continue to operate when the car is stopped. During pit stops when mechanical pumps are not operating, hot oil runs off and gear damage can occur. Self-priming pump flows 1-2 GPM, has an integral fan, and weighs just 3.5 lbs. Pump has 3/8" NPT ports that may be rotated in 90° increments. Choose from intermittent or continuous-duty models. Universal mounting plate is included.



Part No.	Description
TIL40-524	Cooler Pump, Intermittent Duty, Buna Diaphragm
TIL40-527	Cooler Pump, Continuous Duty, Buna Diaphragm
Replacement Components	
TIL40-902	Diaphragm Kit, Buna
TIL40-912	Diaphragm Kit, Viton
TIL40-934	Check Valve Kit, Buna

Balance Bar Assembly **NEW!** TIL72-280

Engineered for use with 78-series master cylinders, balance bar helps maximize dual master cylinder braking systems, eliminating friction commonly found in traditional balance bar systems. Unit combines billet aluminum clevises with a four-way bearing that delivers a maximum range of movement.



Floor-Mounted Pedal Assembly with Throttle

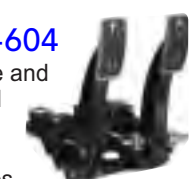
Quality-steel, three-pedal assembly provides precise control of clutch, brake, and throttle. Pedals have a 5.5:1 ratio for use with Tilton 73, 74, 75, or 76-Series master cylinders. Unit weighs 5.8 lbs. and has a 3/8"-24 dia. balance bar, adjustable clutch and throttle pedal stops, throttle cable standoff, and toe clip. Master cylinders and throttle linkage are not included. Assembly accepts optional throttle linkage kit TIL72-791.



Part No.	Description
TIL72-603	Floor Mount 3-Pedal Assembly
TIL72-791	Throttle Linkage Kit

Floor-Mount Dual-Pedal, Triple-Cylinder Assembly TIL72-604

Forged aluminum pedal assembly has brake and clutch pedals, large 7/16"-20 balance bar, and accepts up to three master cylinders. Pedals include adjustable foot pads and anti-slip surfaces, and can be set to four different ratios. Master cylinders not included.





Three-Pedal Floor-Mount Pedal Assembly **TIL72-803**

Three-pedal assembly uses a high-efficiency spherical bearing-type balance bar and pivot-mount master cylinder design. Forged aluminum pedals include adjustable foot pads and anti-slip surfaces. Adjustable pedal ratios allow tuning the pedal to driver preference.



Underfoot Triple-Pedal Assembly **TIL72-616**

Designed for applications with tight cockpits, pedal assembly has a rear-facing master cylinder design, allowing the pedals to be mounted further forward for a greater range of driver seating positions. Assembly consists of forged aluminum pedals, aluminum frame, and a large, 7/16"-20 balance bar. May be used with Tilton throttle linkage kits.



Overhung Dual-Pedal, Triple-Cylinder Assembly **TIL72-608**

Designed for clutch and brake operation, dual-pedal assembly features aluminum pedals and a lightweight aluminum frame with guide ramps that reduce balance bar tipping, improving brake repeatability. Large, 7/16"-20 balance bar provides brake bias adjustment and offers a rigid pedal feel. Master cylinders not included.



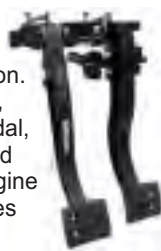
Firewall-Mount Dual-Pedal, Triple-Cylinder Assembly **TIL72-607**

Firewall-mounted, dual-pedal assembly has a lightweight aluminum frame, large 7/16"-20 balance bar, and forged aluminum pedals. Accepts up to three master cylinders. Master cylinders not included.



Firewall-Mount Dual-Pedal/Pivot-Mount Triple-Cylinder Assembly **TIL72-901**

Pivot-mount style pedal assembly with fixed, "gimbal type" 7/16"-20 balance bar eliminates the problems associated with rear brake bias migration. Assembly includes a billet aluminum pedal frame, billet aluminum clutch pedal, billet steel brake pedal, and 6.2:1, 5.5:1, or 4.7:1 pedal ratios. May be used with Firewall Plate Kit, which helps isolate the engine compartment from the cockpit. Requires 78-Series master cylinders, purchased separately.



Throttle Pedal Assembly **TIL72-615**

Throttle pedal assembly is engineered to complement Tilton aluminum overhung or firewall-mounted pedal assemblies, mounting onto existing framework of brake and clutch pedal assembly using **TIL72-793**. Includes forged aluminum pedal arm and frame.



Part No.	Description
TIL72-793	Throttle Linkage System, for 600- or 900-Series Floor-Mount, 3-Pedal Assemblies
TIL72-797	Throttle Cable Clevis Assembly, Allows Throttle Cable Attachment to TIL72-793

Balance Bars

Balancer Bars work better than rod end-style bars. Heat-treated, rolled-thread balance bars have 2-1/2" center-to-center measurements and may be adapted to certain pedals or used to improve and update other manufacturer's products.



Part No.	Diameter	Length	Center-to-Center
TIL72-250	3/8"-24	4.75"	2.50"
TIL72-260	7/16"-20	5.20"	2.50"

Remote Brake Bias Adjusters

Adjusters mount on balance bar so driver can quickly adjust brake bias. Standard model adjusters include a finger-grooved plastic adjustment knob and a vibration-resistant, spring-loaded detent. Available for use with 3/8" or 7/16" diameter balance bars.



Part No.	Description
TIL72-508	Standard Model Brake Bias Adjuster, 3/8"-24 or 7/16"-20, Yellow Knob
TIL72-509	Standard Model Brake Bias Adjuster, 3/8"-24 or 7/16"-20, Red Knob
TIL72-560	Right Angle Coupler, Prevents Adjuster Cable from Interfering with Clutch/Throttle, 3/8"-24 Thread

73-Series High-Volume Integral Reservoir Master Cylinders

Die-cast aluminum master cylinders with internal baffling have a leak-free, integral reservoir with a large, 10-oz. capacity. Cylinders have a reliable seal/piston and a 1/8" NPT outlet port that is shrouded underneath the reservoir to minimize fitting damage in a crash.



Part No.	Description
TIL73-750	Master Cylinder, 3/4" Bore
TIL73-875	Master Cylinder, 7/8" Bore
TIL73-1000	Master Cylinder, 1" Bore

74-Series Long Master Cylinder Kits

Tilton's 74-Series master cylinder kits are universal with side- or flange-mount capability, easy interchange of remote reservoir, and a mounting bracket that adapts large or small reservoir to remote mount. Each master cylinder (5.6" long) kit includes lightweight aluminum master cylinder featuring dual fluid outlets and bleed screws, small (4.0-oz.) and large (10.7-oz.) reservoirs, remote reservoir mount kit, 3/16" inverted flare, and -3AN adapter fittings. Outlet size is -3AN, 3/8"-24 thread.



Description	Universal Master Cylinder Kit	Master Cylinder Only	Rebuild Kit
5/8" Bore Master Cylinder	TIL74-625U	—	TIL74-625RK
7/10" Bore Master Cylinder	TIL74-700U	—	—
3/4" Bore Master Cylinder	TIL74-750U	TIL74-750	TIL74-750RK
13/16" Bore Master Cylinder	TIL74-812U	—	TIL74-812RK
7/8" Bore Master Cylinder	TIL74-875U	TIL74-875	TIL74-875RK
1" Bore Master Cylinder	TIL74-1000U	TIL74-1000	TIL74-1000RK
1-1/8" Bore Master Cylinder	TIL74-1125U	—	—



74- and 75-Series Master Cylinder Replacement Parts

Tilton Brake offers quality replacement master cylinder components.

Part No.	Description
TIL73-820	-3AN Male Union
TIL74-200	Inlet Fitting
TIL74-202	Small Reservoir (4.0-oz.)
TIL74-203	Medium Reservoir (6.8-oz.)
TIL74-204	Large Reservoir (10.7-oz.)
TIL74-207	Reservoir Cap
TIL74-208	Clamp, Each
TIL74-212	Reservoir Adapter
TIL74-212-A	O-Ring for Master Cylinder
TIL74-214	24" Rubber Hose
TIL74-400	Push Rod (74 Series Only)
TILTE2089-188L	3/16" Inverted Flare to -3AN Male Fitting



[TIL74-203](#)

75-Series Short Master Cylinder Kits

Kits have many of the same master cylinder features as the 74-series, but with a shorter body length (3.2") for mounting in tight areas. Each kit includes black anodized, aluminum master cylinder with small (4.0-oz.) and medium (6.8-oz.) reservoirs, remote reservoir mounting kit and required fittings. Outlet size is -3AN, 3/8"-24 thread.



Description	Universal Master Cylinder Kit	Rebuild Kit
5/8" Bore Master Cylinder	TIL75-625U	TIL75-625RK
7/10" Bore Master Cylinder	TIL75-700U	—
3/4" Bore Master Cylinder	TIL75-750U	TIL75-750RK
13/16" Bore Master Cylinder	TIL75-812U	TIL75-812RK
7/8" Bore Master Cylinder	TIL75-875U	TIL75-875RK
1" Bore Master Cylinder	TIL75-1000U	TIL75-1000RK

76-Series Master Cylinder Kits

Based on the 75-Series master cylinders, the 76-Series units use an inlet port that accepts -4AN fittings and screw-on reservoirs.



Description	Master Cylinder Kit	Rebuild Kit
5/8" Bore Master Cylinder	TIL76-625	—
7/10" Bore Master Cylinder	TIL76-700	—
3/4" Bore Master Cylinder	TIL76-750	TIL76-750RK
13/16" Bore Master Cylinder	TIL76-812	—
7/8" Bore Master Cylinder	TIL76-875	TIL76-875RK
1" Bore Master Cylinder	TIL76-1000	—
3-Chamber Remote Reservoir	TIL72-577	—

78-Series Master Cylinders

Engineered as a direct replacement to 77-series pivot-mount master cylinders, new 78-series units not only feature an improved design, but are also significantly more affordable. Master cylinders utilize billet aluminum bodies that include coated, low-friction bores for reduced wear and smoother operation. Units include -3AN outlet and -6AN inlet ports.



Description	Master Cylinder Kit	Rebuild Kit
5/8" Bore Master Cylinder	TIL78-625	—
7/10" Bore Master Cylinder	TIL78-700	—
3/4" Bore Master Cylinder	TIL78-750	—
13/16" Bore Master Cylinder	TIL78-812	TIL78-812RK
7/8" Bore Master Cylinder	TIL78-875	—
1" Bore Master Cylinder	TIL78-1000	—

Inlet Fitting [TIL77-015](#)

Replacement -6AN crush washer seal to -4AN fitting for 78-series master cylinder.



Brake Proportioning Valves

Adjustable hydraulic brake proportioning valves allow adjusting brake forces to a particular wheel or wheels. Lever-type model provides visual reference for seven distinctive reduction positions, while the screw-type unit allows fine adjustments of brake reduction.



Part No.	Description
TIL90-1000	Lever-Type Proportioning Valve, -3AN Ports
TIL90-1003	Lever-Type Proportioning Valve, 10 mm x 1.0 Ports
TIL90-2000	Screw-Type Proportioning Valve, -3AN Ports

3-Chamber Low-Profile Plastic Reservoir [TIL72-578](#)

Designed to fit applications where space is extremely limited, assembly includes three separate internal reservoirs that allows complete evacuation of one without affecting the others. Fiberglass reinforced nylon reservoir includes gasket-sealed lids, a two-hole mount for eased installation, and (3) -4AN ports.



3-Chamber Plastic Reservoirs

Combines three separate reservoirs into one unit, with one each for front brakes, rear brakes, and clutch. Fiberglass reinforced nylon reservoirs include gasket-sealed removable lids and fluid level indicator windows. Available for use with push-on or -4AN lines.



Part No.	Description
TIL72-576	3-Chamber Reservoir, Push-On Hose
TIL72-577	3-Chamber Reservoir, -4AN
TIL74-221	SBR Hose Kit, 96" Hose and (6) Clamps, Use with TIL72-576

Note: Reservoirs must be used with PTFE, EPDM, or SBR style hose

Racing Brake Fluid [TILTB-1](#)

Designed for the semi-professional racer or hobby racer, fluid has a dry boiling point of 590°F and is well suited to Super Late Models, Late Model Stocks, SCCA road racing, etc. Sold in 8.5-oz. bottle.



Throttle Linkage System for Drive-by-Wire [TIL72-792](#)

Engineered for use with 600-, 800-, or 900-series pedal assemblies, throttle linkage is for Drive-By-Wire (DBW) systems that use Penny & Giles TPS-280DP or Variohm Euro XPS family of sensors.





Racing Super Starters

Super Starter is not affected by hot or cold conditions, and the low (250-amp) current draw allows more spark for firing the engine. The 3.75-to-1 gear reduction produces 50% more torque, yet weighs just 10 lbs. Severe-duty model features 43% more cranking power and is 1 lb. heavier.

Part No.	Description
TIL54-40001	Chevy V-8, 90° V-6 Severe-Duty, 153 or 168T Ring Gear
TIL54-40005	Chevy V-8, 90° V-6, 104T Ring Gear
TIL54-40013	Ford SB 289-351W/C, BB 390-428 FE, 1967-Up
TIL54-41052	QM Rear-Mount Starter Bellhousing, 110T Ring Gear
TIL54-41062	Tilton 52-Series UTCG Rear-Mount Bellhousing, 102T Ring Gear

Part No.	Description
Super Starter Replacement Parts	
TIL54-421R	Starter Drive Assembly, Reverse Rotation Super Starters
TIL54-421	Drive Assembly, Fits 54-40001, 54-40013 and 54-40014 Starters
TIL54-422HD	Solenoid Assembly, 4000 Series NEW!
TIL54-442	Pinion Kit, Fits 54-40001, 54-40013 and 54-40014 Starters
TIL54-446	Spring Kit, Includes Return Spring, Cap and Clip, All Std. Rotation
TIL54-950	Starter Bolt and Shim Kit, Includes Chevy Mounting Bolts and Shims
TIL54-952	Shim Kit, Includes Round and Housing-Shaped .062" Shims



TR-1R Racing Oils

MPZ-fortified oils reduce friction, wear and deposits for longer engine life, and are formulated for all 4-, 6-, and 8-cylinder high-performance engines. Lightweight 10W40 and 20W50 oils add 8 to 12 more horsepower and up to 40% more wear protection than similar oils. Sold in one-liter bottles or a case. Not API certified.

Description	1-Liter Bottle	1 Case (12) 1-Liter Bottles
10W40	TRCA141040CE	TRCA141040C
20W50	TRCA142050CE	TRCA142050C



TBO Premium Break-In Oil

Hydro-processed petroleum base stocks are engineered to aid break-in of camshaft and lifters and promote ring seating. A high zinc content protects critical engine components during initial start-up. The SAE 40W oil is ideal for breaking in engines prior to switching to synthetic oils. Sold in one-liter bottles or a case. Not API certified.

1-Liter Bottle	1 Case (12) 1-Liter Bottles
TRCA100040CE	TRCA100040C



MPZ Engine Assembly Lube

MPZ is a concentrate of oil soluble molybdenum, phosphorus, and zinc, fortified with polymers and a high-polarity phosphorous to create a magnetic attraction to metal. Use MPZ to pre-lube cylinders, pistons, wrist pins, cams, lifters, etc.

4-oz. Tube	1 Case (12) 4-oz. Tubes	12-oz. Bottle	1 Case (12) 12-oz. Bottles
TRCA550055JE	TRCA550055J	TRCA550055KE	TRCA550055K



SR-5 Synthetic Racing Oils

Formulated with a balanced blend of high-performance additives including liquid moly, phosphorus and zinc to provide superior protection from friction, wear, and extreme pressure. MPZ-fortified synthetic racing oils will withstand tremendous heat and provide a thick, protective oil film on bearings, crankshafts, pistons, and valve train parts to extend engine life. Sold in one-liter bottles or a case. Not API certified.

Description	1-Liter Bottle	1 Case (12) 1-Liter Bottles
5W30	TRCA150530CE	TRCA150530C
5W40	TRCA150540CE	TRCA150540C
20W50	—	TRCA152050C



ATF Automatic Transmission Fluid

A 100% synthetic ATF that is specially formulated to endure severe racing, extreme loads, and high transmission temperatures. Fluid additionally offers superior shear resistance, extreme gear protection, and clean operation for extended component durability. Offered in high or low-viscosity formulas. Sold in one-liter bottles or a case.

Description	1-Liter Bottle	1 Case (12) 1-Liter Bottles
ATF HiVis	TRCA220085CE	TRCA220085C
ATF LoVis	TRCA220065CE	TRCA220065C



MTF Petroleum Base Manual Transmission Fluid

A low-viscosity petroleum-based fluid for manual transmissions. Provides reduced gear and bearing wear, reduced frictional drag, and smoother shifting. One-liter bottles or a case.

1-Liter Bottle	1 Case (12) 1-Liter Bottles
TRCA200022CE	TRCA200022C



SR-1R Synthetic Oils

Engineered specifically for racing applications and include Generation-2 MPZ frictional loss technology combined with proprietary additives, SR-1 oils provide increased horsepower, torque, and wear-resistance. Sold in one-liter bottles or a case. Non-API certified.

Description	1-Liter Bottle	1 Case (12) 1-Liter Bottles
5W30	TRCA160530CE	TRCA160530C
10W30	—	TRCA161033C
10W40	—	TRCA161044C



CVT Continuously Variable Transmission Fluid **NEW!**

Meeting multi-vehicle OEM specifications, CVT fluid is a 100% synthetic that is engineered to perform under severe racing conditions. Fluid helps provide resistance to foaming, corrosion, and shearing, while a friction-modifying additive offers smooth and efficient performance. Sold in one-liter bottles or a case.

Description	1-Liter Bottle	1 Case (12) 1-Liter Bottles
CVT Fluid	TRCA220070CE	TRCA220070C





RTF Racing Manual Transmission Fluid **NEW!**

Specifically engineered to reduce fluid drag while increasing power efficiency in racing manual transmissions. Engineered for applications that typically use SAE 75W-90, 80W-90, or 90W. 100% synthetic lubricant includes load-carrying and extreme wear protection characteristics. Meets GL-6 specifications. Sold in one-liter bottles or in a case.



1-Liter Bottle	1 Case (12) 1-Liter Bottles	5-Gallon Pail
TRCA220015CE	TRCA220015C	TRCA220015E

RGO Racing Gear Oils

RGO provides superior adhesive strength and extreme anti-score protection. Additives prevent wear and reduce heat, friction, and noise, while providing positive operation of limited slip and positive traction differentials. Sold in one-liter bottles or a case.



Description	1-Liter Bottle	1 Case (12) 1-Liter Bottles
80W90	TRCA248090CE	TRCA248090C
85W140	TRCA248514CE	TRCA248514C

SGO Synthetic Racing Gear Oils

Torco synthetic hypoid gear oils provide maximum protection and performance under the most demanding conditions. Gear oils exceed all requirements for wear protection while reducing friction and temperatures. Sold in one-liter bottles or a case.



Description	1 Liter Bottle	1 Case (12) 1-Liter Bottles
75W90	TRCA257590CE	TRCA257590C
75W140	TRCA257514CE	TRCA257514C

RSF Racing Shock Fluid **NEW!**

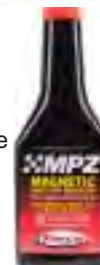
Light viscosity fluid is formulated using 100% synthetic base stocks to deliver consistent performance even under extended duration events and severe temperature conditions. Proprietary additives are used to eliminate friction, wear, foaming, seal swell, oxidation and corrosion. Sold in one-liter bottles or a case.



Description	1-Liter Bottle	1 Case (12) 1-Liter Bottles
RSF Medium Viscosity	TRCT820007CE	TRCT820007C

MPZ Magnetic Friction Reducer

Magnetic friction reducer oil additive with MPZ provides excellent wear protection and helps increase horsepower and torque. Sold in 12-oz. bottle or a case.



12-oz. Bottle	1 Case (12) 12-oz. Bottles
TRCA010011LE	TRCA010011L

ZEP High-Performance Engine Protector

Supplemental engine oil additive, ZEP (Zinc-Enhanced Engine Protector) includes a balance of molybdenum, phosphorous, and zinc, additives that have been recently removed from all API SL and SM motor oils. Sold in 12-oz. bottles or a case.



12-oz. Bottle	1 Case (12) 12-oz. Bottles
TRCA010033LE	TRCA010033L



NEW VENDOR!

Racing Batteries

Up to 20% lighter than traditional lightweight batteries, Total Power Racing Batteries are not only lightweight, but also feature exceptionally low resistance for improved starting power and faster recharging time. Batteries feature AGM construction for superior shock and vibration resistance, while utilizing a non-spillable, maintenance-free design. Hand-made in ISO 9001:2000 certified facilities, each battery is fully charged and tested prior to shipment.



TPBTP1200



TPBTP1500

Part No.	Description	Cranking Amps	CCA	Amp Hrs. @ C/20 Rate	Weight	Dimensions
TPBTP1200	12-Volt AGM Battery	1200	700	36	24 lbs.	7.75"L x 5.25"W x 6.875"H
TPBTP1500	12-Volt AGM Battery	1500	800	57	31 lbs.	9.875"L x 5.25"W x 6.875"H

Racing Battery Boxes

TIG-welded from 16-gauge mild steel, racing battery boxes are lightweight and durable, weighing just 1-1/2 lbs. Offered in upright or laydown versions.



TPBBB12



TPBBB12LD

Description	Upright Part No.	Laydown Part No.
Battery Box for TPBTP1200	TPBBB12	TPBBB12LD
Battery Box for TPBTP1500	—	TPBBB15LD

Universal Battery Box Adapter Brackets

Brackets allow installing a Total Power battery into an existing battery box. Simply remove the angle-style hold-down from the box and replace it with the proper adapter bracket.



TPBAB12



TPBAB15

Part No.	Description
TPBAB12*	Battery Box Adapter Bracket for TPBTP1200
TPBAB15	Battery Box Adapter Bracket for TPBTP1500

*Also requires use of 1/2" aluminum angle to prevent battery shifting.

Gapless® AP Steel Top Ring File-Fit Piston Ring Sets

Eight-cylinder sets have AP (Advanced Profiling) steel top rings with extremely tight tolerances for improved combustion sealing. Sets include AP gapless top rings, conventional second rings, and standard-tension oil rings. Instructions for file-fitting included.



Bore Size	Gapless Top Ring	Conventional Second Ring	3-Pc. Oil Ring	Ring Set Part No.
4.030"	1/16"	1/16"	3/16"	TOTMS3690-35
4.125"	1/16"	1/16"	3/16"	TOTMS0690-5
4.155"	1/16"	1/16"	3/16"	TOTMS0690-35
4.165"	1/16"	1/16"	3/16"	TOTMS0690-45
4.165"	.043"	.043"	3.0 mm	TOTMS9010-45*

*Set includes low tension oil rings for racing applications only!

Gapless® Top Ring File Fit Piston Ring Sets

Independent dyno tests proved that the Total Seal Gapless® Top Ring Sets can deliver more horsepower and torque than conventional piston rings. File fit ring sets include Maxseal ductile iron Gapless® top rings, conventional second rings, and standard or special, low-tension oil rings for eight cylinders. Low-tension ring sets deliver a 25% reduction in tension when compared to standard oil rings. All sets listed below require file fitting.



Bore Size	Gapless® Top Ring	Conventional Second Ring	3-Pc. Oil Ring	Ring Set Part No.
4.030"	1/16"	1/16"	3/16" (Std.)	TOTM3690-35
4.030"	1/16"	1/16"	3/16" (Low)	TOTML3690-35*
4.040"	1/16"	1/16"	3/16" (Std.)	TOTM3690-45
4.060"	1/16"	1/16"	3/16" (Std.)	TOTM3690-65
4.060"	.043"	.043"	3 mm (Low)	TOTML0010-65*
4.125"	1/16"	1/16"	3/16" (Std.)	TOTM0690-5
4.155"	1/16"	1/16"	3/16" (Std.)	TOTM0690-35
4.155"	1/16"	1/16"	3/16" (Low)	TOTML0690-35*
4.165"	1/16"	1/16"	3/16" (Std.)	TOTM0690-45

*Sets include low-tension oil rings for racing applications only!

Claimer Gapless® Second Standard Gap Piston Ring Sets

Total Seal's least expensive gapless ring sets, these are suitable for dirt track cars running race fuel, with 11:1 or lower compression. Sets include cast iron conventional top rings, Gapless® second rings, and Gold Power low-tension oil rings, which offer 40% reduction in tension compared to standard tension oil rings. Claimer piston ring sets are available in limited bore and ring combinations for racing only. File fitting not required.



Bore Size	Cast Iron Top Ring	Gapless® Second Ring	Gold Power Oil Ring	Ring Set Part No.
4.000"	1.5 mm	1.5 mm	3.0 mm	TOTCL2010
4.000"	2.0 mm	1.5 mm	4.0 mm	TOTCL6264
4.020"	1.5 mm	1.5 mm	3.0 mm	TOTCL2010-20
4.020"	2.0 mm	1.5 mm	4.0 mm	TOTCL6264-20
4.030"	5/64"	5/64"	3/16"	TOTCL9090-30
4.030"	1/16"	1/16"	3/16"	TOTCL3690-30
4.030"	1.5 mm	1.5 mm	3.0 mm	TOTCL2010-30
4.030"	2.0 mm	1.5 mm	4.0 mm	TOTCL6264-30
4.040"	5/64"	5/64"	3/16"	TOTCL9090-40
4.040"	1/16"	1/16"	3/16"	TOTCL3690-40
4.040"	1.5 mm	1.5 mm	3.0 mm	TOTCL2010-40
4.040"	2.0 mm	1.5 mm	4.0 mm	TOTCL6264-40
4.060"	5/64"	5/64"	3/16"	TOTCL9090-60
4.060"	1/16"	1/16"	3/16"	—
4.125"	1/16"	1/16"	3/16"	TOTCL0690
4.155"	5/64"	5/64"	3/16"	—
4.155"	1/16"	1/16"	3/16"	TOTCL0690-30

Note: Claimer ring sets include low-tension oil rings for racing applications only!

TS1 Gapless® Second Ring File Fit Piston Ring Sets

Eight-cylinder sets are ideal for racing engines and include ductile iron conventional top rings, Gapless® second rings, and standard or low-tension Gold Power oil rings. Special low-tension, Gold Power oil ring sets offer a 40% reduction in tension. All sets listed require file fitting.



Bore Size	Ductile Iron Top Ring	Gapless® Second Ring	3-Pc. Oil Ring	Ring Set Part No.
4.000"	1/16"	1/16"	3/16" (Standard)	TOTT3690-5
4.020"	1/16"	1/16"	3/16" (Standard)	TOTT3690-25
4.030"	5/64"	5/64"	3/16" (Standard)	TOTT9090-35
4.030"	1/16"	1/16"	3/16" (Standard)	TOTT3690-35
4.030"	1/16"	1/16"	3/16" (Gold Power)	TOTTG3690-35*
4.040"	1/16"	1/16"	3/16" (Standard)	TOTT3690-45
4.040"	1/16"	1/16"	3/16" (Gold Power)	TOTTG3690-45*
4.060"	1/16"	1/16"	3/16" (Standard)	TOTTG3690-65
4.060"	1/16"	1/16"	3/16" (Gold Power)	TOTTG3690-65*
4.125"	1/16"	1/16"	3/16" (Standard)	TOTT0690-5
4.125"	1/16"	1/16"	3/16" (Gold Power)	TOTTG0690-5*
4.135"	1/16"	1/16"	3/16" (Standard)	TOTT0690-15
4.145"	1/16"	1/16"	3/16" (Standard)	TOTT0690-25
4.155"	1/16"	1/16"	3/16" (Standard)	TOTT0690-35
4.155"	1/16"	1/16"	3/16" (Gold Power)	TOTTG0690-35*
4.155"	1/16"	1/16"	1/8" (Standard)	TOTT1003-35
4.165"	1/16"	1/16"	3/16" (Standard)	TOTT0690-45
4.165"	1/16"	1/16"	3/16" (Gold Power)	TOTTG0690-45*

*Sets include low-tension oil rings for racing applications only!

TS1 Gapless® Second Ring Standard Gap Piston Ring Sets

The same TS1 eight-cylinder piston ring sets, but file-fitting is not required. Sets include conventional ductile iron top rings, Gapless® second rings, and standard tension oil rings.



Bore Size	Ductile Iron Top Ring	Gapless® Second Ring	3-Pc. Oil Ring	Ring Set Part No.
4.030"	1/16"	1/16"	3/16"	TOTT3690-30
4.155"	1/16"	1/16"	3/16"	TOTT0690-30

Classic AP Steel Top Ring File-Fit Piston Ring Sets

Instead of the Gapless® top or second ring, sets include conventional AP (Advanced Profiling) steel top rings, with extremely tight tolerances for superior compression sealing. Sets include AP top rings, conventional second rings, and three-piece, standard-tension oil rings. All sets are for eight cylinders. Instructions for file-fitting included.



Bore Size	AP Steel Top Ring	Conventional Second Ring	3-Pc. Oil Ring	Ring Set Part No.
3.820"	1/16"	1/16"	3/16"	TOTCS5899-25
4.030"	1/16"	1/16"	3/16"	TOTCS3690-35
4.125"	1/16"	1/16"	3/16"	TOTCS0690-5
4.125"	.043"	.043"	3.0 mm	TOTCSH9010-5*
4.155"	1/16"	1/16"	3/16"	TOTCS0690-35
4.160"	1/16"	1/16"	3/16"	TOTCS9011-45
4.185"	1/16"	1/16"	3/16"	TOTCS0690-65

*Signifies ring set with high tension oil rings.

Classic Race File-Fit Piston Ring Sets

Classic Race eight-cylinder sets include ductile iron top rings, conventional second, and standard-tension or Gold Power oil rings. Gold Power oil rings offer a 40% reduction in tension. Complete instructions for file-fitting included.



Bore Size	Ductile Iron Top Ring	Conventional Second Ring	3-Pc. Oil Ring	Ring Set Part No.
3.552"	1.5 mm	1.5 mm	3.0 mm	TOTCR8264-5
3.565"	1.5 mm	1.5 mm	3.0 mm	TOTCR8264-25
3.898"	1.5 mm	1.5 mm	3.0 mm	TOTCR7984-5
4.000"	1/16"	1/16"	3/16"	TOTCR3690-5
4.000"	1.5 mm	1.5 mm	3.0 mm	TOTCR0684-5
4.000"	1.5 mm	1.5 mm	3.0 mm	TOTCRG2010-5*
4.000"	1.5 mm	1.5 mm	4.0 mm	TOTCR6434-5
4.000"	2.0 mm	1.5 mm	4.0 mm	TOTCR6264-5
4.000"	2.0 mm	1.5 mm	4.0 mm	TOTASA4005*
4.020"	2.0 mm	1.5 mm	4.0 mm	TOTCR6264-25
4.030"	5/64"	5/64"	3/16"	TOTCR9090-35
4.030"	1/16"	1/16"	3/16"	TOTCR3690-35
4.030"	1.5 mm	1.5 mm	3.0 mm	TOTCRG2010-35*
4.030"	2.0 mm	1.5 mm	4.0 mm	TOTCR6264-35
4.040"	1/16"	1/16"	3/16"	TOTCR3690-45
4.040"	1/16"	1/16"	3/16"	TOTCRL3690-45*
4.040"	1.5 mm	1.5 mm	3.0 mm	TOTCRG2010-45*
4.060"	1/16"	1/16"	3/16"	TOTCR3690-65
4.060"	1.5 mm	1.5 mm	3.0 mm	TOTCRG2010-65*
4.060"	1/16"	1/16"	3/16"	TOTCR7560-35
4.125"	1/16"	1/16"	3/16"	TOTCR0690-5
4.125"	1.5 mm	1.5 mm	3.0 mm	TOTCRG2012-5*
4.135"	1.5 mm	1.5 mm	3.0 mm	TOTCRG2012-15*
4.145"	1.5 mm	1.5 mm	3.0 mm	TOTCRG2012-25*
4.155"	1/16"	1/16"	3/16"	TOTCR0690-35
4.155"	1.5 mm	1.5 mm	3.0 mm	TOTCRG2012-35*
4.165"	1/16"	1/16"	3/16"	TOTCR0690-45
4.165"	1.5 mm	1.5 mm	3.0 mm	TOTCRG2012-45*

* Piston ring sets with Gold Power low-tension oil rings are for racing only.

Classic Race Standard Gap Piston Ring Sets

The same Classic Race piston ring sets, but file-fitting is not required. Eight cylinder sets include ductile iron top rings, conventional second rings, and standard-tension oil rings.



Bore Size	Ductile Iron Top Ring	Conventional Second Ring	3-Pc. Oil Ring	Ring Set Part No.
4.000"	1.5 mm	1.5 mm	3.0 mm	TOTCRG2010
4.010"	2.0 mm	1.5 mm	4.0 mm	TOTCR6264-10
4.030"	1/16"	1/16"	3/16"	TOTCR3690-30
4.030"	5/64"	5/64"	3/16"	TOTCR9090-30

Classic Race Gas-Ported File-Fit Piston Ring Sets **NEW!**

Extensively tested and proven, new ring design delivers the benefits of gas-ported performance without gas-ported pistons. Ductile iron, plasma moly top rings feature strategically sized and placed horizontal slots that allow combustion gases to enter through the groove and behind the ring, gas-loading the ring for improved sealing. File-fit sets also include cast tapered face second rings and standard tension oil rings. Includes complete instructions for file-fitting.



Bore Size	Gas-Ported Top Ring	Cast Second Ring	Std. Tension Oil Ring	Ring Set Part No.
4.000"	1/16"	1/16"	3/16"	TOTCR3690GP-5
4.020"	1/16"	1/16"	3/16"	TOTCR3690GP-25
4.030"	1/16"	1/16"	3/16"	TOTCR3690GP-35
4.040"	1/16"	1/16"	3/16"	TOTCR3690GP-45
4.060"	1/16"	1/16"	3/16"	TOTCR3690GP-65
4.125"	1/16"	1/16"	3/16"	TOTCR0690GP-5
4.145"	1/16"	1/16"	3/16"	TOTCR0690GP-25
4.155"	1/16"	1/16"	3/16"	TOTCR0690GP-35
4.165"	1/16"	1/16"	3/16"	TOTCR0690GP-45
4.185"	1/16"	1/16"	3/16"	TOTCR0690GP-65

Classic Race Gas-Ported Standard Gap Piston Ring Sets **NEW!**

Extensively tested and proven, new ring design delivers the benefits of gas-ported performance without gas-ported pistons.



Ductile iron, plasma moly top rings feature strategically sized and placed horizontal slots that allow combustion gases to enter through the groove and behind the ring, gas-loading the ring for improved sealing. Standard-gap, drop-in sets also include cast tapered face second rings and standard tension oil rings.

Bore Size	Gas-Ported Top Ring	Cast Second Ring	Std. Tension Oil Ring	Ring Set Part No.
4.000"	1/16"	1/16"	3/16"	TOTCR3690GP
4.020"	1/16"	1/16"	3/16"	TOTCR3690GP-20
4.030"	1/16"	1/16"	3/16"	TOTCR3690GP-30
4.040"	1/16"	1/16"	3/16"	TOTCR3690GP-40
4.060"	1/16"	1/16"	3/16"	TOTCR3690GP-60
4.125"	1/16"	1/16"	3/16"	TOTCR0690GP
4.145"	1/16"	1/16"	3/16"	TOTCR0690GP-20
4.155"	1/16"	1/16"	3/16"	TOTCR0690GP-30
4.165"	1/16"	1/16"	3/16"	TOTCR0690GP-40
4.185"	1/16"	1/16"	3/16"	TOTCR0690GP-60

Piston Ring Squaring Tool

Guaranteed to be flat and parallel within .001". Install piston ring in the cylinder and push the ring down into the bore with the tool. It will place the ring squarely in the cylinder so that end gap can be precisely checked when filing rings.



Part No.	Description
TOT08910	Piston Ring Squaring Tool, 4.000"-4.085" Bore
TOT08915	Piston Ring Squaring Tool, 4.125"-4.200" Bore

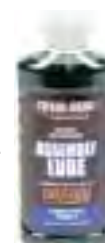
QuickSeat TOTQS

A dry-film powder, QuickSeat aids piston ring seating. Sold in two-gram containers.



Assembly Lube TOTAL8

Engineered by Total Seal to deliver proper lubrication during initial start-up and break-in. Lubricant mixes with break-in oil and extends film thickness. May also be added to regular oil to increase film thickness. Sold in 8-oz. bottle.





Heavy-Duty Engine Oil Coolers

Race engine builders agree that motor oil loses a good deal of its protective capabilities when it becomes excessively hot. Using a good oil cooler to keep oil cool not only prolongs engine life, but can spell the difference between winning an important race and not finishing at all. Tru-Cool engine oil coolers provide excellent quality and effective cooling at an affordable price. The patented "stacked" plates offer 35% more cooling than conventional units. Oil coolers have 1/2" NPT inlet/outlet.

Part No.	Description
TRUB7B	2-3/4" x 11" x 1-1/2", 7,500 BTU/HR
TRUH7B	11" x 11" x 1-1/2", 29,200 BTU/HR (Our Most Popular Cooler)
TRUL7B	5-3/4" x 11" x 1-1/2", 15,000 BTU/HR
TRUM7B	8" x 11" x 1-1/2", 20,500 BTU/HR

Note: Mounting brackets shown in photo are only included with **TRUH7B**. It is highly recommended to use straight adapter fittings at the cooler. Use 45° or 90° hose ends to help eliminate overtightening or stripping on the cooler. There is no warranty, so please use caution when installing fittings.



TRUH7B



Chevy Premium Series Tool Steel Solid Lifters with Oil Hole

NEW! TDPEC842GM-2-16

Premium tool steel .842" dia. solid lifters are suited to 7,000+ RPM race engines and weigh just 69 grams. Lifters include an oil hole in the cam face for increased camshaft durability, and can stand high valve spring pressures. Sold in set of 16.



Chrome Moly Pushrods

Trend offers 5/16", 3/8", and 7/16" diameter chrome moly pushrods in a variety of wall thicknesses. Pushrods are manufactured from seamless SAE 4130 chrome moly tubing that is centerless-ground and satin-finished. Pushrods feature 5/16" diameter ball ends that are held to tolerances of +/- .001" and include 210° of operating clearance. All pushrods listed are sold individually.

Length	5/16" Dia. .080" Wall Part No.	5/16" Dia. .105" Wall .210° Radius Part No.	3/8" Dia. .080" Wall Part No.	3/8" Dia. .135" Wall 210° Radius Part No.	7/16" Dia. .165" Wall 210° Radius Part No.	Length	5/16" Dia. .080" Wall Part No.	5/16" Dia. .105" Wall .210° Radius Part No.	3/8" Dia. .080" Wall Part No.	3/8" Dia. .135" Wall 210° Radius Part No.	7/16" Dia. .165" Wall 210° Radius Part No.
6.200"	TDPT620805	—	—	—	—	8.125"	TDPT8125805	—	—	—	TDPT81251657DT
6.250"	TDPT625805	—	—	—	—	8.150"	TDPT815805	TDPT8151055	TDPT815803	TDPT8151353	TDPT81501657DT
6.300"	TDPT630805	—	—	—	—	8.175"	TDPT8175805	—	TDPT8175803	—	TDPT81751657DT
6.350"	TDPT635805	—	—	—	—	8.200"	TDPT820805	TDPT8201055	TDPT820803	TDPT8201353	TDPT8201657DT
6.400"	TDPT640805	—	—	—	—	8.225"	TDPT8225805	—	TDPT8225803	—	—
6.450"	TDPT645805	—	—	—	—	8.250"	TDPT825805	—	TDPT825803	TDPT8251353	TDPT8251657DT
6.500"	TDPT650805	—	—	—	—	8.275"	TDPT8275805	—	—	—	TDPT82751657DT
6.550"	TDPT655805	—	—	—	—	8.280"	—	—	TDPT828803	TDPT8281353	—
6.600"	TDPT660805	—	—	—	—	8.300"	TDPT830805	—	TDPT830803	TDPT8301353	TDPT8301657DT
6.650"	TDPT665805	—	—	—	—	8.325"	TDPT8325805	—	TDPT8325803	—	—
6.700"	TDPT670805	—	—	—	—	8.350"	TDPT835805	—	TDPT835803	TDPT8351353	TDPT8351657DT
6.750"	TDPT675805	—	—	—	—	8.375"	TDPT8375805	—	—	—	—
6.800"	TDPT680805	—	—	—	—	8.380"	—	—	TDPT838803	TDPT8381353	—
6.850"	TDPT685805	—	—	—	—	8.400"	TDPT840805	—	TDPT840803	TDPT8401353	TDPT8401657DT
6.900"	TDPT690805	—	—	—	—	8.425"	—	—	TDPT8425803	—	TDPT84251657DT
6.950"	TDPT695805	—	—	—	—	8.450"	TDPT845805	—	TDPT845803	TDPT8451353	TDPT8451657DT
7.000"	TDPT700805	—	—	—	—	8.475"	TDPT8475805	—	—	—	TDPT84751657DT
7.050"	TDPT705805	TDPT7051055	—	—	—	8.500"	TDPT850805	—	TDPT850803	TDPT8501353	TDPT8501657DT
7.100"	TDPT710805	TDPT7101055	—	—	—	8.525"	—	—	—	—	TDPT85251657DT
7.150"	TDPT715805	TDPT7151055	—	—	—	8.550"	TDPT855805	—	TDPT855803	TDPT8551353	TDPT8551657DT
7.200"	TDPT720805	TDPT7201055	—	—	—	8.575"	—	—	—	—	TDPT85751657DT
7.250"	TDPT725805	TDPT7251055	—	—	—	8.600"	TDPT860805	—	TDPT860803	TDPT8601353	TDPT8601657DT
7.300"	TDPT730805	TDPT7301055	—	—	—	8.625"	—	—	—	—	TDPT86251657DT
7.325"	TDPT7325805	—	—	—	—	8.650"	TDPT865805	—	TDPT865803	TDPT8651353	TDPT8651657DT
7.350"	TDPT735805	TDPT7351055	—	—	—	8.675"	—	—	—	—	TDPT86751657DT
7.375"	TDPT7375805	—	—	—	—	8.680"	—	—	TDPT868803	TDPT8681353	—
7.400"	TDPT740805	TDPT7401055	—	—	—	8.700"	TDPT870805	—	TDPT870803	TDPT8701353	TDPT8701657DT
7.425"	TDPT7425805	—	—	—	—	8.750"	TDPT875805	—	TDPT875803	TDPT8751353	TDPT8751657DT
7.450"	TDPT745805	—	—	—	—	8.775"	—	—	—	—	TDPT87751657DT
7.475"	TDPT7475805	—	—	—	—	8.780"	—	—	—	TDPT8781353	—
7.500"	TDPT750805	TDPT7501055	TDPT750803	—	—	8.800"	TDPT880805	—	TDPT880803	TDPT8801353	TDPT8801657DT
7.550"	TDPT755805	TDPT7551055	TDPT755803	—	—	8.825"	—	—	—	—	TDPT88251657DT
7.600"	TDPT760805	—	TDPT760803	—	—	8.850"	TDPT885805	—	TDPT885803	TDPT8851353	TDPT8851657DT
7.650"	TDPT765805	TDPT7651055	TDPT765803	—	—	8.875"	—	—	—	—	TDPT88751657DT
7.700"	TDPT770805	TDPT7701055	TDPT770803	—	—	8.900"	TDPT890805	—	TDPT890803	TDPT8901353	TDPT8901657DT
7.750"	TDPT775805	TDPT7751055	TDPT775803	—	—	8.925"	—	—	—	—	TDPT89251657DT
7.800"	TDPT780805	TDPT7801055	TDPT780803	TDPT7801353	—	8.950"	TDPT895805	—	TDPT895803	TDPT8951353	TDPT8951657DT
7.850"	TDPT785805	TDPT7851055	TDPT785803	TDPT7851353	—	8.975"	—	—	—	—	TDPT89751657DT
7.900"	TDPT790805	TDPT7901055	TDPT790803	TDPT7901353	—	9.000"	TDPT900805	TDPT9001055	TDPT900803	TDPT9001353	TDPT9001657DT
7.950"	TDPT795805	TDPT7951055	TDPT795803	TDPT7951353	—	9.025"	—	—	—	—	TDPT90251657DT
8.000"	TDPT800805	TDPT8001055	TDPT800803	TDPT8001353	TDPT8001657DT	9.050"	TDPT905805	—	TDPT905803	TDPT9051353	TDPT9051657DT
8.025"	TDPT8025805	—	—	—	TDPT80251657DT	9.075"	—	—	—	—	TDPT90751657DT
8.050"	TDPT805805	TDPT8051055	TDPT805803	TDPT8051353	TDPT8051657DT	9.100"	TDPT910805	—	TDPT910803	TDPT9101353	TDPT9101657DT
8.075"	TDPT8075805	—	—	—	TDPT80751657DT						
8.100"	TDPT810805	TDPT8101055	TDPT810803	TDPT8101353	TDPT8101657DT						



SB Chevy Ultra 18° 250 Race Cylinder Head TRFTFS-3181T001-C01

Engineered for high-RPM racing engines, ultra 18° 250 race cylinder heads provide more horsepower out-of-the box than fully prepped OEM-style 23° heads. Aluminum head includes CNC-profiled combustion chambers and competition ported runners for maximum flow. Head accepts most 18° intake manifolds, headers, and related components. Requires offset shaft-mounted rocker arms and mechanical roller camshaft with offset intake lifters. Sold each.



Intake Runner	Intake Valve	Exhaust Valve	Valve Spring	Combustion Chamber Volume
250cc	2.150"	1.600"	1.560"	56cc

Small Block Chevy Valve Cover Adapters TRFTFS-31500811

Special 1/4" thick steel adapters allow using popular, early-style small block Chevy valve covers on late centerbolt-style cylinder heads. Increased height also allows using stud girdles for increased valvetrain stability. Sold complete with necessary hardware and .200" thick steel core gaskets.



SB Ford Twisted Wedge Cylinder Heads

An improved, CNC-profiled combustion chamber design rotates valves over the center of the cylinder bores for optimum valve angles, locations, and chamber shape. Aluminum heads are fitted with 2.020" intake and 1.600" exhaust valves, intake valves that do not require flycutting of pistons. Sold each, completely assembled.



Part No.	Intake Runner	Comb. Chamber	Valve Spring	Int. Valve	Exh. Valve
TRFTFS-51410004-M58*	170cc	58cc	1.460" Dual	2.020"	1.600"
TRFTFS-51410010-M61	170cc	61cc	1.460" Dual	2.020"	1.600"

* Emissions legal.

SB Ford Cast Aluminum Valve Covers TRFTFS-51411801

Cast from A319 aluminum for rigidity and prevention of oil leaks. Valve covers are 3" and black powder coated with a raised Trick Flow Specialties logo. Fits all 289-351W engines. Sold in pairs.



SB Ford Twisted Wedge Street/Strip Cylinder Heads

NEW!

An improved combustion chamber design rotates the valves over the center of the cylinder bores for optimum valve angles, locations, and chamber shape. Aluminum heads include fully CNC-machined 190cc intake runners. Sold each, completely assembled with stainless valves and high-performance dual valve springs.



Part No.	Intake Runner	Comb. Chamber	Valve Spring	Int. Valve	Exh. Valve
TRFTFS-52515601-C01	190cc	56cc	1.295"	2.055"	1.600"
TRFTFS-52516601-C01	190cc	66cc	1.295"	2.055"	1.600"

SB Chevy Gen. III GenX Street/Strip Cylinder Heads

NEW!

Increase the performance of GM LS-series engines. GenX aluminum cylinder heads have a 15° to 13.5° reduction in valve angle to reduce valve shrouding and increase mid-lift air flow. Heads are CNC-ported and include 1.300" dual valve springs and titanium retainers. Available for LS1 and LS2, sold each, completely assembled.



Part No.	Description	Intake Runner	Comb. Chamber	Valve Spring	Int. Valve	Exh. Valve
TRFTFS-3061T001	LS1 Cyl. Heads	220cc	64cc	1.300"	2.040"	1.575"
TRFTFS-3061T001-C02	LS2 Cyl. Heads	225cc	65cc	1.300"	2.055"	1.575"

Cylinder Head Accessories **NEW!**

Part No.	Description
TRFTFS-306SB600	GM LS Steam Line Plumbing Kit
TRFTFS-30600611	GM LS Steam Line Fittings Only
TRFTFS-51400419	SB Ford Head Bolt Reducer Bushings, 1/2" to 7/16", 20 Pcs.
TRFTFS-51400520	SB Ford 289-351W Roller Rocker Arms, 1.6 Ratio, 7/16" Stud, 16 Pcs.
TRFTFS-51400614	Rocker Arm Studs, 7/16"-20 x 1.900" Long, Ford/Chevy, 16 Pcs.
TRFTFS-51400904	SB Ford 289-351 Premium Head Set, for Twisted Wedge Heads
TRFTFS-52400622	SB Ford 302-351W Pushrod Guideplates, 5/16" Pushrods, Set of Four



SB Ford Track Max Harmonic Balancer **NEW! TRFTFS-19006**

Rigid carbon steel elastomer-style harmonic balancer meets stringent SFI 28.1 specifications. Designed for small block Ford 289-351W (except 5.0L), externally balanced 28-oz. applications.



Camshaft Degree Kit **NEW! TRFTFS-90000-16**

All inclusive kit allows degreasing camshafts quickly and precisely. Includes 11" dia. aluminum degree wheel, 0-1" travel dial indicator and stand with magnetic base, low-tension checking springs, wire pointer, TDC stop, and adapter bushings, all packed in a neat carrying case. Kit may also be used to check piston-to-valve clearance, crankshaft end play, ring gear backlash, etc.



Ultimate Spinner

The Ultimate Spinner consists of a high-torque DC motor mounted to a heavy-duty, powder-coated steel frame. Variable speed motor includes both forward and reverse DC drive, and is fitted with a rigid, 1" dia. shaft. Specialized tire mounting attachments must be purchased separately.



Part No.	Description
TRPTRI-USP-1	Ultimate Spinner
Tire Mounting Attachments	
TRPTRI-USP-W5	Wide 5
TRPTRI-USP-5X5	5 x 5
TRPTRI-USP-SPR	Sprint

The Complete Ultimate Siping System

Sipe dirt racing tires professionally in literally minutes and with little effort. Designed for use on Sprint, Late Model or Modified tires, each system includes the Ultimate Spinner with the addition of the necessary gear head, main frame and medium (69"-94" tires) or long (87"-113" tires) length legs. A wide variety of ring and horizontal cutters, and needler accessory, are offered separately.



Part No.	Description
TRPTRI-US-SPR-KIT	Complete Ultimate Siping System for Sprints
TRPTRI-US-LM-KIT	Complete Ultimate Siping System for Late Models
TRPTRI-US-MOD-KIT	Complete Ultimate Siping System for IMCA/UIMP Mods
Replacement/Accessory System Components	
TRPTRI-US-1	Ultimate Siper Gear Head
TRPTRI-US-F-STD-1	Main Frame Only, Purchase Legs Separately
TRPTRI-US-FL-STD-M	Medium-Length Siper Legs, 69"-94" Circumference Tires
TRPTRI-US-FL-STD-L	Long-Length Siper Legs, 87"-113" Circumference Tires

X-Series Ring Cutters

Part No.	Spacing	Depth
TRPTRI-US-RS-125-125X	1/8"	1/8"
TRPTRI-US-RS-125-188X	1/8"	3/16"
TRPTRI-US-RS-188-125X	3/16"	1/8"
TRPTRI-US-RS-188-188X	3/16"	3/16"



N-Series Ring Cutters

Part No.	Spacing	Depth
TRPTRI-US-RS-125-125N	1/8"	1/8"
TRPTRI-US-RS-125-188N	1/8"	3/16"
TRPTRI-US-RS-188-125N	3/16"	1/8"
TRPTRI-US-RS-188-188N	3/16"	3/16"



Replacement Ring Cutter Blades

TRPTRI-US-RS

Sold in 10-packs.



X-Series Horizontal Cutters

Part No.	Spacing	Depth
TRPTRI-US-HS125-125X	1/8"	1/8"
TRPTRI-US-HS125-188X	1/8"	3/16"
TRPTRI-US-HS188-125X	3/16"	1/8"
TRPTRI-US-HS188-188X	3/16"	3/16"



N-Series Horizontal Cutters

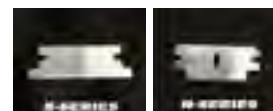
Part No.	Spacing	Depth
TRPTRI-US-HS125-125N	1/8"	1/8"
TRPTRI-US-HS125-188N	1/8"	3/16"
TRPTRI-US-HS188-125N	3/16"	1/8"
TRPTRI-US-HS188-188N	3/16"	3/16"



Horizontal Cutter Blades

Sold in packs of fifty.

Part No.	Description
TRPTRI-US-HS125X	X-Series, 1/8" Deep
TRPTRI-US-HS188X	X-Series, 3/16" Deep
TRPTRI-US-HS125N	N-Series, 1/8" Deep
TRPTRI-US-HS188N	N-Series, 3/16" Deep



Cutter Storage Boxes

Custom fabricated from sheet aluminum, storage boxes effectively store cutting tools. Installs directly onto the Ultimate Spinner

Part No.	Description
TRPTRI-US-CB3	3-Cutter Storage Box
TRPTRI-US-CB6	6-Cutter Storage Box



Tire Shark TRPTRI-TS1

Lightweight aluminum tool incorporates 20 sharp, replaceable bits that are ideally suited to cutting a tire's surface. Designed for use with 7" grinders that operate under 3,200 RPM, bits may be sharpened as desired, or replaced as required.



Part No.	Description
TRPTRI-TS1T	Replacement Teeth, 20 Pcs.

Note: Exercise extreme caution when using tool.

Tire must be securely mounted to a fixture, and protection gear for hands, legs, and eyes is mandatory.

Needler

TRPTRI-US-NEED

Complete Ultimate Siping System accessory allows the needling of tires.



Ultimate Blower

TRPTRI-UB240

Provides the circulation of clean, filtered air to the driver. Unit flows 240 CFM of fresh air. Sold complete with 1-1/4"-1-1/2" bracket mount.





Aluminum Hose Ends and Fittings

Triple X Race Components Inc. hose ends and fittings are manufactured from premium-quality lightweight aluminum, then black anodized for corrosion resistance and a professional appearance.

Push Lock Hose Ends

Part No.	Dash Size
Straight	
TXRHF-10004-BLK	-4
TXRHF-10006-BLK	-6
TXRHF-10008-BLK	-8
TXRHF-10010-BLK	-10
TXRHF-10012-BLK	-12
TXRHF-10016-BLK	-16
30°	
TXRHF-13006-BLK	-6
TXRHF-13008-BLK	-8
TXRHF-13010-BLK	-10
TXRHF-13012-BLK	-12
TXRHF-13016-BLK	-16
45°	
TXRHF-14504-BLK	-4
TXRHF-14506-BLK	-6
TXRHF-14508-BLK	-8
TXRHF-14510-BLK	-10
TXRHF-14512-BLK	-12
TXRHF-14516-BLK	-16
60°	
TXRHF-16006-BLK	-6
TXRHF-16008-BLK	-8
TXRHF-16010-BLK	-10
TXRHF-16012-BLK	-12
TXRHF-16016-BLK	-16
90°	
TXRHF-19004-BLK	-4
TXRHF-19006-BLK	-6
TXRHF-19008-BLK	-8
TXRHF-19010-BLK	-10
TXRHF-19012-BLK	-12
TXRHF-19016-BLK	-16
120°	
TXRHF-12006-BLK	-6
TXRHF-12008-BLK	-8
TXRHF-12010-BLK	-10
TXRHF-12012-BLK	-12
180°	
TXRHF-18006-BLK	-6
TXRHF-18008-BLK	-8
TXRHF-18010-BLK	-10
TXRHF-18012-BLK	-12



Swivel Hose Ends

Part No.	Dash Size
Straight	
TXRHF-20004-BLK	-4
TXRHF-20006-BLK	-6
TXRHF-20008-BLK	-8
TXRHF-20010-BLK	-10
TXRHF-20012-BLK	-12
TXRHF-20016-BLK	-16
30°	
TXRHF-23006-BLK	-6
TXRHF-23008-BLK	-8
TXRHF-23010-BLK	-10
TXRHF-23012-BLK	-12
TXRHF-23016-BLK	-16
45°	
TXRHF-24504-BLK	-4
TXRHF-24506-BLK	-6
TXRHF-24508-BLK	-8
TXRHF-24510-BLK	-10
TXRHF-24512-BLK	-12
TXRHF-24516-BLK	-16
60°	
TXRHF-26004-BLK	-4
TXRHF-26006-BLK	-6
TXRHF-26008-BLK	-8
TXRHF-26010-BLK	-10
TXRHF-26012-BLK	-12
TXRHF-26016-BLK	-16
90°	
TXRHF-29004-BLK	-4
TXRHF-29006-BLK	-6
TXRHF-29008-BLK	-8
TXRHF-29010-BLK	-10
TXRHF-29012-BLK	-12
TXRHF-29016-BLK	-16
120°	
TXRHF-22006-BLK	-6
TXRHF-22008-BLK	-8
TXRHF-22010-BLK	-10
TXRHF-22012-BLK	-12
TXRHF-22016-BLK	-16
150°	
TXRHF-25006-BLK	-6
TXRHF-25008-BLK	-8
TXRHF-25012-BLK	-12
TXRHF-25016-BLK	-16
180°	
TXRHF-28006-BLK	-6
TXRHF-28008-BLK	-8
TXRHF-28010-BLK	-10
TXRHF-28012-BLK	-12
TXRHF-28016-BLK	-16



MAGGIE DROUIN

BRIAN BENKERT



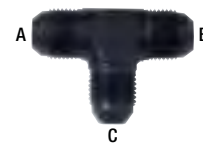
AN Flare Adapters

Part No.	"A" Dash Size	"B" Dash Size
Aluminum Female Swivel Union		
TXRHF-31033-BLK	-3	-3
TXRHF-31044-BLK	-4	-4
TXRHF-31066-BLK	-6	-6
TXRHF-31068-BLK	-6	-8
TXRHF-31088-BLK	-8	-8
TXRHF-31080-BLK	-8	-10
Aluminum Male Union		
TXRHF-32033-BLK	-3	-3
TXRHF-32044-BLK	-4	-4
TXRHF-32066-BLK	-6	-6
TXRHF-32088-BLK	-8	-8
TXRHF-32010-BLK	-10	-10
TXRHF-32012-BLK	-12	-12
Aluminum 90° Union		
TXRHF-35933-BLK	-3	-3
TXRHF-35944-BLK	-4	-4
TXRHF-35988-BLK	-8	-8
Aluminum Male Reducer		
TXRHF-36304-BLK	-3	-4
TXRHF-36406-BLK	-4	-6
TXRHF-36410-BLK	-4	-10
TXRHF-36412-BLK	-4	-12
TXRHF-36608-BLK	-6	-8
TXRHF-36610-BLK	-6	-10
TXRHF-36810-BLK	-8	-10
TXRHF-36812-BLK	-8	-12
TXRHF-36016-BLK	-10	-16
TXRHF-36216-BLK	-12	-16
Aluminum 45° Female Coupler		
TXRHF-34516-BLK	-16	-16
Aluminum Swivel Reducer		
TXRHF-37304-BLK	-3	-4
TXRHF-37406-BLK	-4	-6
TXRHF-37408-BLK	-4	-8
TXRHF-37608-BLK	-6	-8
TXRHF-37610-BLK	-6	-10
TXRHF-37810-BLK	-8	-10
TXRHF-37812-BLK	-8	-12
TXRHF-37012-BLK	-10	-12
TXRHF-37016-BLK	-10	-16
TXRHF-37216-BLK	-12	-16
Aluminum Swivel Flare Expander		
TXRHF-38304-BLK	-3	-4
TXRHF-38306-BLK	-4	-6
TXRHF-38608-BLK	-6	-8
TXRHF-38810-BLK	-8	-10
TXRHF-38012-BLK	-10	-12
TXRHF-38620-BLK	-16	-20



AN Flare Adapters (Cont.)

Part No.	"A" Dash Size	"B" Dash Size	"C" Dash Size
Aluminum Tee			
TXRHF-40003-BLK	-3	-3	-3
TXRHF-40004-BLK	-4	-4	-4
TXRHF-40006-BLK	-6	-6	-6
TXRHF-40008-BLK	-8	-8	-8
TXRHF-40010-BLK	-10	-10	-10
TXRHF-40012-BLK	-12	-12	-12
TXRHF-40016-BLK	-16	-16	-16
Aluminum Tee, Female Swivel on Side			
TXRHF-41003-BLK	-3	-3	-3
TXRHF-41004-BLK	-4	-4	-4
TXRHF-41006-BLK	-6	-6	-6
TXRHF-41008-BLK	-8	-8	-8
Aluminum Flare Cap			
TXRHF-51003-BLK	-3		
TXRHF-51004-BLK	-4		
TXRHF-51006-BLK	-6		
TXRHF-51008-BLK	-8		
TXRHF-51010-BLK	-10		
TXRHF-51012-BLK	-12		
TXRHF-51016-BLK	-16		
Aluminum Flare Plug			
TXRHF-52003-BLK	-3		
TXRHF-52004-BLK	-4		
TXRHF-52006-BLK	-6		
TXRHF-52008-BLK	-8		
TXRHF-52010-BLK	-10		
TXRHF-52012-BLK	-12		
Aluminum Tube Nut			
TXRHF-61003-BLK	-3		
TXRHF-61004-BLK	-4		
TXRHF-61006-BLK	-6		
TXRHF-61008-BLK	-8		
TXRHF-61010-BLK	-10		
Aluminum Tube Sleeve			
TXRHF-62003-BLK	-3		
TXRHF-62004-BLK	-4		
TXRHF-62010-BLK	-10		



AN Flare to ORB Adapters

Part No.	"A" Dash Size	"B" SAE Size
Aluminum O-Ring Boss		
TXRHF-80410-BLK	-4	7/8"-14 (-10)
TXRHF-80430-BLK	-4	3/8"-24 (-3)
TXRHF-80440-BLK	-4	7/16"-20 (-4)
TXRHF-80460-BLK	-4	9/16"-18 (-6)
TXRHF-80480-BLK	-4	3/4"-16 (-8)
TXRHF-80610-BLK	-6	7/8"-14 (-10)
TXRHF-80612-BLK	-6	1-1/16"-12 (-12)
TXRHF-80660-BLK	-6	9/16"-18 (-6)
TXRHF-80680-BLK	-6	3/4"-16 (-8)
TXRHF-80010-BLK	-8	7/8"-14 (-10)
TXRHF-80812-BLK	-8	1-1/16"-12 (-12)
TXRHF-80816-BLK	-8	1-5/16"-12 (-16)
TXRHF-80860-BLK	-8	9/16"-18 (-6)
TXRHF-80880-BLK	-8	3/4"-16 (-8)
TXRHF-81010-BLK	-10	7/8"-14 (-10)
TXRHF-81012-BLK	-10	1-1/16"-12 (-12)
TXRHF-81016-BLK	-10	1-5/16"-12 (-16)
TXRHF-81080-BLK	-10	3/4"-16 (-8)
TXRHF-81210-BLK	-12	7/8"-14 (-10)
TXRHF-81212-BLK	-12	1-1/16"-12 (-12)
TXRHF-81216-BLK	-12	1-5/16"-12 (-16)
TXRHF-81280-BLK	-12	3/4"-16 (-8)
TXRHF-81612-BLK	-16	1-1/16"-12 (-12)
TXRHF-81616-BLK	-16	1-5/16"-12 (-16)
TXRHF-82016-BLK	-20	1-5/16"-12 (-16)



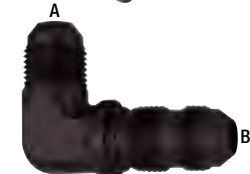
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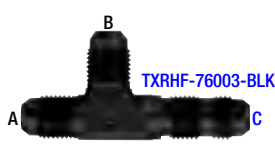


AN Bulkhead Adapters

Part No.	"A" Dash Size	"B" Dash Size
Aluminum Straight Bulkhead		
TXRHF-70003-BLK	-3	-3
TXRHF-70004-BLK	-4	-4
TXRHF-70006-BLK	-6	-6
TXRHF-70008-BLK	-8	-8
TXRHF-70010-BLK	-10	-10
TXRHF-70012-BLK	-12	-12
TXRHF-70020-BLK	-20	-20
Aluminum 45° Bulkhead		
TXRHF-74503-BLK	-3	-3
Aluminum 90° Bulkhead		
TXRHF-79003-BLK	-3	-3
TXRHF-79004-BLK	-4	-4
TXRHF-79006-BLK	-6	-6
TXRHF-79008-BLK	-8	-8
TXRHF-79012-BLK	-12	-12
TXRHF-79016-BLK	-16	-16



Part No.	Dash Size
Aluminum Bulkhead Nut	
TXRHF-72003-BLK	-3
TXRHF-72004-BLK	-4
TXRHF-72006-BLK	-6
TXRHF-72008-BLK	-8
TXRHF-72010-BLK	-10
TXRHF-72012-BLK	-12
TXRHF-72020-BLK	-20



Part No.	"A" Dash Size	"B" Dash Size	"C" Dash Size
Aluminum Bulkhead Tee on The Side			
TXRHF-75003-BLK	-3	-3	-3
TXRHF-75004-BLK	-4	-4	-4
TXRHF-75010-BLK	-10	-10	-10
Aluminum Bulkhead Tee on The Run			
TXRHF-76003-BLK	-3	-3	-3

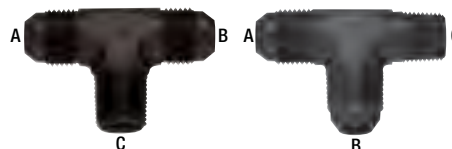


Aluminum AN to NPT Adapters

NPT Size	Dash Size	Straight Part No.	45° Part No.	90° Part No.
1/8"	-3	TXRHF-90031-BLK	TXRHF-94031-BLK	TXRHF-99031-BLK
1/8"	-4	TXRHF-90041-BLK	TXRHF-94041-BLK	TXRHF-99041-BLK
1/4"	-4	TXRHF-90042-BLK	TXRHF-94042-BLK	TXRHF-99042-BLK
3/8"	-4	TXRHF-90043-BLK	—	—
1/8"	-6	TXRHF-90061-BLK	—	TXRHF-99061-BLK
1/4"	-6	TXRHF-90062-BLK	TXRHF-94062-BLK	TXRHF-99062-BLK
3/8"	-6	TXRHF-90063-BLK	TXRHF-94063-BLK	TXRHF-99063-BLK
1/2"	-6	TXRHF-90064-BLK	—	TXRHF-99064-BLK
1/4"	-8	TXRHF-90082-BLK	—	TXRHF-99082-BLK
3/8"	-8	TXRHF-90083-BLK	TXRHF-94083-BLK	TXRHF-99083-BLK
1/2"	-8	TXRHF-90084-BLK	TXRHF-94084-BLK	TXRHF-99084-BLK
3/8"	-10	TXRHF-90003-BLK	—	TXRHF-99103-BLK
1/2"	-10	TXRHF-90004-BLK	TXRHF-94104-BLK	TXRHF-99104-BLK
3/4"	-10	TXRHF-90005-BLK	—	TXRHF-99105-BLK
1/2"	-12	TXRHF-90124-BLK	TXRHF-94124-BLK	TXRHF-99124-BLK
3/4"	-12	TXRHF-90125-BLK	TXRHF-94125-BLK	TXRHF-99125-BLK
3/4"	-16	TXRHF-90165-BLK	—	TXRHF-99165-BLK
1"	-16	TXRHF-90166-BLK	—	TXRHF-99166-BLK

AN to NPT Adapters (Cont.)

Part No.	"A" Dash Size	"B" NPT Size
Aluminum 90° Swivel to Male NPT		
TXRHF-93041-BLK	-4	1/8"
TXRHF-93042-BLK	-4	1/4"
TXRHF-93061-BLK	-6	1/8"
TXRHF-93062-BLK	-6	1/4"
TXRHF-93082-BLK	-8	1/4"
TXRHF-93083-BLK	-8	3/8"
TXRHF-93103-BLK	-10	3/8"
TXRHF-93124-BLK	-12	1/2"



Part No.	"A" Dash Size	"B" Dash Size	"C" NPT Size
Aluminum Tee Pipe on Branch			
TXRHF-92031-BLK	-3	-3	1/8"
Aluminum Tee Pipe on The Run			
TXRHF-92131-BLK	-3	-3	1/8"



Gauge Adapters

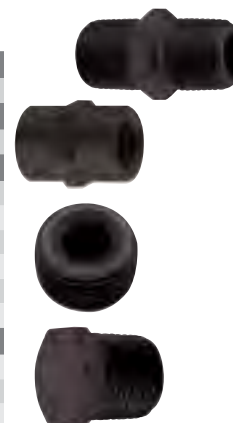
Part No.	Description
TXRHF-33441-BLK	-4 Male x -4 Male Inline, 1/8" Female NPT on Side
TXRHF-33601-BLK	-6 Male x -6 Female Inline, 1/8" Female NPT on Side
TXRHF-33631-BLK	-6 Male x 3/8" Male NPT Inline, 1/8" Female NPT on Side
TXRHF-33661-BLK	-6 Male x -6 Male Inline, 1/8" Female NPT on Side
TXRHF-34031-BLK	-3 Male x 1/8" Female NPT, Straight
TXRHF-34041-BLK	-4 Male x 1/8" Female NPT, Straight

NPT Adapters

Part No.	"A" NPT Size	"B" NPT Size
Aluminum NPT Reducer		
TXRHF-95021-BLK	1/8"	1/4"
TXRHF-95031-BLK	1/8"	3/8"
TXRHF-95032-BLK	1/4"	3/8"
TXRHF-95041-BLK	1/8"	1/2"
TXRHF-95042-BLK	1/4"	1/2"
TXRHF-95043-BLK	3/8"	1/2"
TXRHF-95052-BLK	1/4"	3/4"
TXRHF-95053-BLK	3/8"	3/4"



Part No.	NPT Size
Aluminum Male NPT Nipple	
TXRHF-96011-BLK	1/8"
Aluminum Female NPT Coupler	
TXRHF-96111-BLK	1/8"
Aluminum Internal Allen NPT Plug	
TXRHF-97001-BLK	1/16"
TXRHF-97011-BLK	1/8"
TXRHF-97022-BLK	1/4"
TXRHF-97033-BLK	3/8"
TXRHF-97044-BLK	1/2"
TXRHF-97055-BLK	3/4"
Aluminum Hex NPT Plug	
TXRHF-97111-BLK	1/8"
TXRHF-97133-BLK	3/8"
TXRHF-97144-BLK	1/2"





Quick-Disconnect Brake Line Fitting

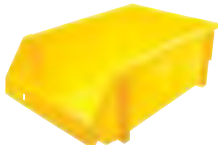
TXRBK-9283

Compact, lightweight aluminum -3AN fitting eliminates the need to bleed brakes when performing chassis repairs, changing rear ends, etc. Coupler prevents fluid spillage and will not allow air into brake system.



Plastic Bins

Available in two sizes, these heavy-duty, interlocking, stackable plastic storage bins include (4) stacking brackets. Showroom quality red (small) or yellow (large) bins can keep heavy-weight items organized.



Part No.	Color	Size
TXRPA-PBIN-8077	Red	10-1/4" x 6-1/4"
TXRPA-PBIN-8134	Yellow	17-3/4" x 11-1/2"

SB Chevy Fabricated Aluminum Valve Covers

TXRSC-EG-0003

Super-lightweight, polished aluminum valve covers feature billet machined rails for dependable, effective sealing. Sold per pair.



Aluminum A/N Wrench Set

TXRPA-8380

Anodized aluminum. Sizes included: -3, -4, -6, -8, -10, 12, -16.



Quick-Change Drain Pan

TXRPA-0020-BLK

This black, 10-1/4" wide x 12" long x 3-3/4" deep aluminum drain pan is manufactured to hold the gears on a perforated shelf, allowing fluid to drain into the pan below.



Steering Wheels

Three-spoke steering wheels are lightweight and super strong. Drilled grip area has sandblasted finish. Wheels weigh less than one pound!



Part No.	Description
TXRST-0001	15" Dia., 1" Tube, Lightweight Aluminum
TXRST-0001-BLK	15" Dia., 1" Tube, Lightweight Aluminum, Black
TXRST-0002	15" Dia., 1-1/8" Tube, Lightweight Aluminum
TXRST-0002-BLK	15" Dia., 1-1/8" Tube, Lightweight Aluminum, Black

Plastic Wheel Cover

TXRSC-WH-2350

Designed to fit 15" Weld and Keizer wheels, lightweight, super-strong plastic wheel cover includes PTFE buttons for attaching to wheel.



Wheel Cover Retaining Kits

These mud cover retaining kits are designed with a 1-3/8" spread and are available with either stainless steel or titanium 5/16" bolts. Kits contain bracket, et, rivets, bolt, and E-clip. Sold in 3-pack.



Part No.	Description
TXRSC-WH-7821	3-Pack with Stainless Steel Bolts
TXRSC-WH-7841	3-Pack with Titanium Bolts

Rod Ends and Jam Nuts

Part No.	Description
Rod Ends	
TXRSC-SU-0300	RH Thread, Aluminum, 5/8" x 1/2" Hole
TXRSC-SU-0301	LH Thread, Aluminum, 5/8" x 1/2" Hole
TXRSC-SU-0302	RH Thread, Steel, 5/8" x 1/2" Hole
TXRSC-SU-0303	LH Thread, Steel, 5/8" x 1/2" Hole
TXRSC-SU-8267	RH Thread, 4130 Moly Steel, 5/8" x 1/2" Hole
Jam Nuts	
TXRSC-SU-0304	5/8" Jam Nut, RH Thread, Aluminum
TXRSC-SU-0305	5/8" Jam Nut, LH Thread, Aluminum



Torx-Head Quick Fasteners

NEW!

Torx-head quick fasteners won't strip out like traditional allen head buttons. Made from durable, 7075 aluminum. Sold in packs of ten with natural or black finish.



Description	Natural Part No.	Black Part No.
.500" Long Quick Fasteners	TXRCH-4417-10	TXRCH-4417BLK-10
.550" Long Quick Fasteners	TXRCH-4418-10	TXRCH-4418BLK-10

Quick Fasteners and Springs

TXRCH-4405BLK-10

Triple X offers a complete selection of quick fasteners and related components. Aluminum oval-head, button-style fasteners are lightweight, making them perfect for single panel attachment. Fastener inserts into the spring on the chassis mount for hoods, noses, etc. and secures with just a quick turn of a screwdriver or quick-turn fastener wrench.



Part No.	Description
TXRCH-4401-10	Oval Head Buttons, .500", 10-Pack
TXRCH-4401-10-BLK	Oval Head Buttons, .500", 10-Pack, Black
TXRCH-4401-50-BLK	Oval Head Buttons, .500", 50-Pack, Black
TXRCH-4402	Oval Head Buttons, .550", Each
TXRCH-4402-10-BLK	Oval Head Buttons, .550", 10-Pack, Black
TXRCH-4402-50-BLK	Oval Head Buttons, .550", 50-Pack, Black
TXRCH-4405-10	Large Head Button, .550", 10-Pack, Aluminum
TXRCH-4405BLK-10	Large Head Button, .550", 10-Pack, Black
TXRSC-BW-0026	Body Saver, Quick Fastener Bracket, Protects Body Work
TXRSC-CH-0018-10	Springs, Lightweight Steel, 10-Pack

Tel Tac Tach Mounts

Tel Tac mount utilizes the stock mounting holes in the back of the tach to mount into the recessed cradle. Once mounted into the dash, only the face of the tach protrudes. Quick-fasteners allow for easy removal when cleaning. Quick-springs are included. Available in aluminum and carbon fiber.



Part No.	Description
TXRSC-BW-0702	Aluminum
TXRSC-BW-0702CF	Carbon Fiber



AGM Series 16-Volt Batteries

Turbo Start 16-volt batteries deliver 16.8 volts at full charge, providing hotter ignition spark, improved performance, and increased starter speeds. Batteries utilize the latest AGM (Absorbent Glass Mat) design that is unaffected by vibration or electrical demands, and will not leak, even if the case is damaged. Valve-regulated design ensures that each cell operates at a slight positive pressure, eliminating on-charge gassing, maintenance, and acid mess.



Part No.	Description	Crank Amps @ 32° F.	Cold Crank Amps @ 0° F.	Reserve Capacity	Weight
TRBS16V	Group 24 Battery	650	550	85 mins.	42 lbs.
TRBS16VL	Group 34 Battery	550	450	50 mins.	32 lbs.

AGM Series 12-Volt Race/Street Battery TRBS12V3465

Powerful, AGM (Absorbent Glass Mat) 12-volt battery is engineered to endure the rigors of racing. Battery is unaffected by vibration or high electrical demands and will not leak, even if the case is damaged. The valve-regulated design ensures that each cell operates at a slight positive pressure, eliminating on-charge gassing, maintenance, and acid mess.



Description	Crank Amps @ 32°F	Cold Crank Amps @ 0°F	Reserve Capacity	Weight
Group 34 Battery	1000	850	135 mins.	47 lbs.

Smartcharger 12- and 16-Volt Battery Chargers

Engineered as both a battery charger and maintainer, the Smartcharger is designed to keep Turbo Start AGM Series maintenance-free sealed batteries fully charged and in top condition. Multi-stage battery charger is a fully automatic 16-volt charger with a 25 amp/19-volt maximum output, while a maintainer function includes an output of 1.8 amps/18.5 volts.



Part No.	Description
TRBCHG15A16V	16-Volt Battery Charger
TRBCHG25A	Multi-Stage 12V/14V/16V Battery Charger



Battery Accessories

Part No.	Description
TRBACC010	10mm Top-Post Adapters, Pair, S16V/S16VL Batteries
TRBACC011	6mm to 3/8" Stud Adapters, Pair, S12V Battery
TRBACC012	Brass Top-Post Adapters, Pair, S12V680/S12V975/S12V346 Batteries
TRBACC014	Positive/Negative Top-Post Clamps, Pair



JEREMY BALDWIN

MARCUS BERGLUND



Scale Pad Cup **NEW!** UBM11-0525

While equally suited to the shop or the track, race teams often employ these at the track, installing them directly under the scale pad feet in order to provide a broader base for the scales, thereby aiding leveling on uneven pit surfaces. Sold each.



15 Series "WSP" Upper Control Arms

"15" series "WSP" upper control arms include wide split twin plates, which separate to allow mounting around chassis. Control arms accept bolt-in style ball joints and are offered with choice of steel or aluminum inner shafts.



Length	Aluminum Shaft Part No.	Steel Shaft Part No.
10"	UBM15-1000-WSP	—
10"	UBM15-1001-WSP*	—
10-1/2"	—	UBM15-1024-WSP

* Signifies control arm with slotted aluminum shaft.

Brake Caliper Brackets

UB has a full selection of weld-on, clamp-on, and bolt-on caliper brackets that are compatible with most brake calipers. All brackets are custom-fabricated by UB technicians.



Part No.	Type	Hole Spacing	Caliper Type
UBM12-0400-C	Rear Clamp-On, 3" Axle Tube	N/A	GM Metric
UBM12-0401	Rear Weld-On, 3" Axle Tube	N/A	GM Large
UBM12-0403	Rear Clamp-On, 3" Axle Tube	N/A	GM Large
UBM12-0405-L	GM Caliper/Pinto Spindle/11" Rotor	N/A	GM Large, LF
UBM12-0405-R	GM Caliper/Pinto Spindle/11" Rotor	N/A	GM Large, RF
UBM12-0410	Rear Weld-On	5-1/4"	Wilwood Dynalite, Sierra Mini G.N.
UBM12-0412	Rear Clamp-On	5-1/4"	Wilwood Dynalite, Sierra Mini G.N.
UBM12-0420	Rear Weld-On	3-1/2"	Wilwood Superlite, Sierra XL
UBM12-0422	Rear Clamp-On	3-1/2"	Wilwood Superlite, Sierra XL
UBM12-0424L	Front Spindle Weld-On	3-1/2"	Wilwood Superlite, Sierra XL
UBM12-0424R	Front Spindle Weld-On	3-1/2"	Wilwood Superlite, Sierra XL



"Dirt Works" Upper Control Arms

Tubular control arms feature 6-1/2" long inner shafts, typical of Dirt Works and other chassis using 1964-72 GM "A"-Body (Chevelle) frame.



Part No.	Description
UBM19-0908-5R	9" Right Side, 1-1/4" Offset, Accepts Screw-In Ball Joint
UBM19-0928-5L	9-1/2" Left Side, 1-1/4" Offset, Accepts Screw-In Ball Joint

GM Metric Offset Upper Control Arms

Offset control arms for stock GM 1978-88 metric chassis have inner shafts with 6-7/8" spacing.



Part No.	Description
UBM14-0809-5L	8" Left Side, 1-1/4" Offset, Accepts Metric (ALL56220) Ball Joint
UBM14-0809-5R	8" Right Side, 1-1/4" Offset, Accepts Metric (ALL56220) Ball Joint
UBM14-0829-6L	8-1/2" Left Side, 1-1/2" Offset, Accepts Metric (ALL56220) Ball Joint
UBM14-0909-6L	9" Left Side, 1-1/2" Offset, Accepts Metric (ALL56220) Ball Joint
UBM14-0929-6L	9-1/2" Left Side, 1-1/2" Offset, Accepts Bolt-In Ball Joint
UBM15-093-1/8-9-6L	9-7/8" Left Side, Pierce Chassis, 1-1/2" Offset, Accepts Big GM (ALL56208) Ball Joint
UBM15-0809-5R	8" Right Side, 1-1/4" Offset, Accepts Bolt-In (ALL56204) Ball Joint
UBM15-0829-6L	8-1/2" Left Side, 1-1/2" Offset, Accepts Bolt-In (ALL56204) Ball Joint
UBM19-0829-6L	8-1/2" Left Side, 1-1/2" Offset, Accepts Screw-In (ALL56214) Ball Joint

"15" / "19" Series Upper Control Arms

Standard upper control arms have either aluminum or steel inner shafts with 6" hole spacing. Bolt-in style accepts ALL56204 Allstar ball joint. Threaded style accepts ALL56214 Allstar ball joint.



Length	Bolt-In Ball Joint		Screw-In Ball Joint	
	Aluminum Shaft	Steel Shaft	Aluminum Shaft	Steel Shaft
7"	—	—	—	—
7-1/4"	—	—	—	—
7-1/2"	—	UBM15-0724	—	—
7-3/4"	UBM15-0730	—	—	—
8"	—	UBM15-0804	—	—
8-1/4"	—	—	—	UBM19-0814
8-1/2"	UBM15-0820	UBM15-0824	UBM19-0820	UBM19-0824
9"	—	UBM15-0904	—	—
9-1/4"	—	—	UBM19-0910	—
9-3/4"	UBM15-0930	—	—	—
10"	—	—	—	UBM19-1004
10-1/2"	—	—	UBM19-1020	UBM19-1024

Caster Slugs

Caster slugs are designed for use with slotted inner shafts and have a 1/2" hole.

Part No.	Description
UBM15-0040	Set Of Five, 0°, 1/8", 1/4", 3/8", 1/2"
UBM15-0040-A	0° Offset
UBM15-0040-B	1/8" Offset
UBM15-0040-C	1/4" Offset
UBM15-0040-D	3/8" Offset
UBM15-0040-E	1/2" Offset



Camaro Upper Control Arms

Upper control arms have steel inner shafts and 7-3/4" hole spacing. Available in bolt-in ball joint style (use Allstar ALL56204 ball joint).

Part No.	Length
UBM15-0822	8-1/2"
UBM15-0832	8-3/4"
UBM15-0902	9"
UBM15-0912	9-1/4"
UBM15-0922	9-1/2"
UBM15-1002	10"



Note: All UB Machine upper control arms are measured from center of the inner shaft to center of the ball joint.

Ball Joint Plate UBM15-0001



"16" Series Quad Bearing Upper Control Arms **NEW!**

Tubular steel, upper control arms utilize 6" long, slotted steel shafts with quad bearings for friction-free suspension travel. Slotted shafts allow using caster slugs to set multiple caster settings using the same control arm. Black powder-coated to resist corrosion, control arms accept a monoball style ball joint. Purchase caster slugs separately.

Part No.	Description
UBM16-1003-A-QB	10" Long Control Arm
UBM16-1203-A-QB	12" Long Control Arm
UBM16-1223-A-QB	12-1/2" Long Control Arm



"19" Series Quad Bearing Upper Control Arms **NEW!**

Fabricated from rigid tubular steel, "19" series upper control arms feature 6" long, slotted steel shafts with quad bearings for exceptionally smooth suspension travel. Slotted shafts allow using caster slugs to set multi-caster settings using the same control arm. Black powder-coated to resist corrosion, control arms accept screw-in style ball joints. Purchase caster slugs separately.

Part No.	Description
UBM19-0903-QB	9" Long Control Arm
UBM19-1023-QB	10-1/2" Long Control Arm
UBM19-1113-QB	11-1/4" Long Control Arm



Mini Stock Lower Control Arms **NEW!**

Engineered for popular mini stock applications, tubular steel lower control arms are significantly stronger than OEM arms. Offered in several lengths for Dodge Neon or Honda Civic applications.



Description	Left Part No.	Right Part No.
Neon		
-3/4" Long	UBM28-4114-L	UBM28-4136-R
-1/2" Long	UBM28-4116-L	UBM28-4126-R
Stock Length	UBM28-4122-L	UBM28-4122-R
Adjustable Length	UBM28-7122-L	UBM28-7122-R
Honda		
-3/4" Long	UBM29-3144-L	UBM29-3160-R
-1/2" Long	UBM29-3146-L	UBM29-3156-R
Stock Length	UBM29-3152-L	UBM29-3152-R
Adjustable Length	UBM29-7152-L	UBM29-7152-R



UMP Lower Control Arms

Heavy-duty, UMP-legal lower control arms are fitted with mono-ball control arm bushings, and are offered to accept stock or screw-in ball joints. Available for 1964-72 Chevelle and 1968-74 Nova/1967-69 Camaro.



Part No.	Description
UBM32-1210-L	1964-72 Chevelle, Left, Large Screw-In Ball Joint
UBM32-1210-R	1964-72 Chevelle, Right, Large Screw-In Ball Joint
UBM32-1220-L	1968-74 Nova/1967-69 Camaro, Left, Large Screw-In Ball Joint
UBM32-1220-R	1968-74 Nova/1967-69 Camaro, Right, Large Screw-In Ball Joint
UBM32-3210-L	1964-72 Chevelle, Left, Stock Ball Joint
UBM32-3210-R	1964-72 Chevelle, Right, Stock Ball Joint
UBM32-3220-L	1968-74 Nova/1967-69 Camaro, Left, Stock Ball Joint
UBM32-3220-R	1968-74 Nova/1967-69 Camaro, Right, Stock Ball Joint
UBM32-5220-L	1968-74 Nova/1967-69 Camaro, Left, Small Screw-In Ball Joint
UBM32-5220-R	1968-74 Nova/1967-69 Camaro, Right, Small Screw-In Ball Joint

Mono Ball Lower Control Arm Bushings

Revolutionary lower control arm bushings eliminate binding caused by misalignment. Solid steel design also eliminates deflection caused by soft factory-style rubber bushings. Sold two to a pack-age (enough to do one lower control arm).



Part No.	Description
UBM32-0315	Full Size Ford 1965-78 (One Bushing)
UBM32-0320	Full Size Ford 1979 and Up (Two Bushings)
UBM32-0325	1973-90 Camaro/Firebird, 1971-90 Impala, 1973-77 Regal/Cutlass/Grand Am/Grand Prix
UBM32-0350	Metric 1978-88 Regal/Monte Carlo/Chevelle/Malibu/Grand Prix/Cutlass

Spring Bucket UBM35-1001

Accepts weight jack bolt and 5" or 5-1/2" coil spring. 1"-8 thread.



Upper Spring Plate UBM35-1002

Use with conventional coil springs and weight jack bolts.



Aluminum Weight Jack Bolts

1" OD, coarse thread jack bolts take 3/4" socket.

Part No.	Description
UBM35-1103	8" Long
UBM35-1105	11" Long



Steel Weight Jack Bolts

Bolts are gun drilled for weight reduction and available in two sizes.

Part No.	Description
UBM35-1102	1"-8 x 8" Long
UBM35-1104	1"-8 x 11" Long
UBM35-1107	3/4"-10 x 8" Long
UBM35-1100	1" Steel Jack Bolt Boss
UBM35-1100-200	Steel Jack Bolt Boss, 1" Thread x 2" Long



Coil-Over Shock Mounts

Part No.	Description
UBM35-3100	RH Angled Upper Shock Mount
UBM35-3110	LH Angled Upper Shock Mount
UBM35-3120	RH Short Upper Shock Mount
UBM35-3130	LH Short Upper Shock Mount
UBM35-3140	RH Long Upper Shock Mount
UBM35-3150	LH Long Upper Shock Mount
UBM35-3310	Lower Flat Shock Mount, Wide
UBM35-3325	Lower Shock Mount, Narrow

Note: On left-side bracket, boss is welded on left.



Shock and Rigidity Bar Mount

Part No.	Description
UBM35-3160	Upper Coil-Over Shock Mount with Rigidity Bar Mount
UBM35-3170	Shock and Rigidity Bar Mount, Long



Clamp-On Ballast Bracket

Part No.	Description
UBM35-3324	1-1/2" Tube, 1/2" Thread (Round)
UBM35-3326	1-3/4" Tube, 1/2" Thread (Round)
UBM35-3327	1-1/4" Tube, 1/2" Thread (Round)
UBM35-3428	2" x 2", 1/2" Thread (Square)



Clamp-On Shock Mount

Part No.	Description
UBM35-3321	1-1/4" Clamp-On Shock Mount
UBM35-3323	1-3/4" Clamp-On Shock Mount



Rear Shock Mount **NEW!**

Rectangular, 7" long weld-on shock mount with boss.

Part No.	Description
UBM35-3343-7	7" Long
UBM35-3343-5	5" Weld On Shock Mount with Boss



Shock Mount Spacers

Spacers have a 1/2" I.D. and 3/4" O.D. Offered in 1/4" and 1/2" lengths.

Part No.	Description
UBM999-5507-025	1/4" Long
UBM999-5507-050	1/2" Long



Rack and Pinion Mounts

One-piece, die-formed mounts are offered in two versions.

Part No.	Description
UBM40-0510	Rack and Pinion Mount
UBM40-0511	Narrow Rack and Pinion Mount



Sway Bar Bolts

Part No.	Description
UBM40-2103	8.5" Steel
UBM40-2109	11.5" Steel
UBM40-2111	12" Aluminum



Easy-Access Sway Bar Adjuster

Complete kit includes: (1) UBM40-2121 threaded rod, (1) UBM40-2122 eye, (2) UBM40-2123 threaded inserts, and (1) UBM40-2124 retainer clip.

Part No.	Description
UBM40-2120	Complete Kit
UBM40-2121	Sway Bar Adj. Rod (3/4"-10 x 11" Long)
UBM40-2122	Eye End for 1-1/4" Sway Bar
UBM40-2122-162	Eye End for 1-5/8" Sway Bar
UBM40-2123	Threaded Insert 3/4"-10 (Sold Each)
UBM40-2124	Retainer Clip





Ball Joint Sleeves



Allstar Ball Joint
Part No.

Part No.	Description	Allstar Ball Joint Part No.
UBM40-3300	Large Screw-In (Lower)	ALL56216
UBM40-3300-137	Large Screw-In, Tall (Lower)	ALL56216
UBM40-3301	Small Press-In (Lower)	ALL56218
UBM40-3303	Small Screw-In (Upper)	ALL56214
UBM40-3307	Lower, 1968-72 Chevelle/ 1967-69 Camaro/1968-74 Nova	ALL56210

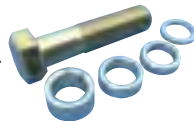
Monoball Pins



Part No.	Description
UBM40-4171	Stud For Large Screw-In Ball Joint
UBM40-4185-A	Stud for Upper 5/8" Dia. High-Misalignment Monoball
UBM40-4203	Stud for Metric Tie Rod End
UBM40-4267	Stud for GM Press-In

Bump Steer Spacers

Mounts 5/8" outer tie rod end to spindle arm. Adding or subtracting spacers adjusts bump steer.



Part No.	Description
UBM44-0301	0.030" Thick Spacer Only
UBM44-0302	0.060" Thick Spacer Only
UBM44-0305	0.100" Thick Spacer Only
UBM44-0310	0.200" Thick Spacer Only
UBM44-0315	0.300" Thick Spacer Only
UBM44-0320	0.500" Thick Spacer Only

Floating Trailing Arm Bracket UBM46-0050

Floating trailing arm bracket is intended for use on newly designed rear suspension packages. This bracket allows an increase in engine torque transferred through the top link. The bracket features a two-piece design to aid installation. Trailing arm clevis UBM46-0055 which has 3/4"-20 UNF RH thread must be purchased separately.



Clevis sold
separately

Part No.	Description
UBM46-0055	Clevis for UBM46-0050
UBM46-0050-L	Liner/Bushing for UBM46-0050 NEW!

Clamp-On Lift Bar Stabilizer UBM46-0138

Clamp-on lift bar stabilizer attaches to axle tube.



Tube Clamps

Two-piece, two-bolt clamps are available in a variety of sizes and widths.

Description	1-3/4" Wide	2" Wide
1" I.D. Tube Clamp	—	UBM46-0216
1-1/4" I.D. Tube Clamp	UBM46-0218	UBM46-0219
1-1/2" I.D. Tube Clamp	UBM46-0220	UBM46-0225
1-3/4" I.D. Tube Clamp	UBM46-0230	UBM46-0235



GM Metric Chassis Trailing Arm Components

Ideal for Factory, Hobby, or Street Stocks using GM Metric (Malibu/Regal/Cutlass/Grand Prix) chassis. Mono-ball bearings replace traditional trailing arm bushings for improved handling.

Part No.	Description
UBM46-1090	Trailing Arm Mono-Ball Pivot Kit, Pair
UBM46-1091	Upper Trailing Arm Mounts with Mono-Ball Bearings, Pair
UBM46-1091A	Upper Trailing Arm Mounts Only, Pair
UBM46-1092	Lower Trailing Arm Mounts Only, Pair



UBM46-1092



UBM46-1090



UBM46-1091A

Clamp-On Panhard Bar Mounts

Panhard bar mounts clamp to a 3" rear end tube. Determine proper size by measuring from the center of the clamp to the end of the tube.

Part No.	Description
UBM46-1526	5-1/2" Panhard Bar Mount
UBM46-1600	8" Serrated Panhard Bar Mount, Quick Change
UBM46-1607	Angled Adjustable Mount, Above Centerline, 4-Bolt Screw Adjustable Angled Mount, Above Centerline, 4-Bolt
UBM46-1607-1	Screw Adjustable Angled Mount, 4" Below Centerline, 4-Bolt
UBM46-1608	Screw Adjustable Angled Mount, 3-1/2" Below Centerline, 4-Bolt
UBM46-1608-1	5-1/2" Serrated Panhard Bar Mount, Ford
UBM46-1610	



UBM46-1607



UBM46-1607-1



UBM46-1608

Trailing Arms/Strut Rod Tubes

Lightweight swaged steel tubes are knurled for positive grip. Black powder-coated trailing arms/strut rod tubes include RH threads in one end and LH threads in the opposite end. Available in a wide variety of diameters, thread sizes, and lengths.



Length	3/4" O.D. 1/2" Thread	7/8" O.D. 5/8" Thread	1" O.D. 5/8" Thread	1" O.D. 5/8" RH, 11/16" LH Thread	1" O.D. 3/4" Thread	1-1/4" O.D. 3/4" Thread
3-1/2"	—	UBM42-0323-C-PC	—	—	—	—
4"	—	UBM42-0403-C-PC	—	—	—	—
4-1/2"	—	UBM42-0423-C-PC	—	—	—	—
5"	—	UBM42-0503-C-PC	—	—	UBM42-0502-A-PC	—
5-1/2"	—	UBM42-0523-C-PC	—	—	—	—
6"	UBM42-0605-E-PC	UBM42-0603-C-PC	—	—	UBM42-0602-A-PC	—
6-1/2"	—	UBM42-0623-C-PC	—	—	—	—
7"	UBM42-0705-E-PC	UBM42-0703-C-PC	—	UBM42-0702-CB-PC	UBM42-0702-A-PC	—
7-1/2"	—	UBM42-0723-C-PC	—	—	UBM42-0722-A-PC	—
8"	UBM42-0805-E-PC	UBM42-0803-C-PC	—	—	UBM42-0802-A-PC	UBM42-0801-A-PC
9"	UBM42-0905-E-PC	UBM42-0903-C-PC	—	UBM42-0902-CB-PC	UBM42-0902-A-PC	UBM42-0901-A-PC
9-1/2"	—	UBM42-0923-C-PC	—	—	—	—
10"	UBM42-1005-E-PC	UBM42-1003-C-PC	UBM42-1002-C-PC*	—	UBM42-1002-A-PC	UBM42-1001-A-PC
11"	UBM42-1105-E-PC	UBM42-1103-C-PC	UBM42-1102-C-PC	—	UBM42-1102-A-PC	UBM42-1101-A-PC
12"	UBM42-1205-E-PC	UBM42-1203-C-PC	UBM42-1202-C-PC	—	UBM42-1202-A-PC	UBM42-1201-A-PC
13"	UBM42-1305-E-PC	UBM42-1303-C-PC	UBM42-1302-C-PC	—	UBM42-1302-A-PC	UBM42-1301-A-PC



Trailing Arms/Strut Rod Tubes (Cont.)

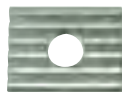
Length	3/4" O.D. 1/2" Thread	7/8" O.D. 5/8" Thread	1" O.D. 5/8" Thread	1" O.D. 5/8" RH, 11/16" LH Thread	1" O.D. 3/4" Thread	1-1/4" O.D. 3/4" Thread
14"	UBM42-1405-E-PC	UBM42-1403-C-PC	UBM42-1402-C-PC	—	UBM42-1402-A-PC	UBM42-1401-A-PC
15"	UBM42-1505-E-PC	UBM42-1503-C-PC	UBM42-1502-C-PC	—	UBM42-1502-A-PC	UBM42-1501-A-PC
16"	UBM42-1605-E-PC	UBM42-1603-C-PC	UBM42-1602-C-PC	—	UBM42-1602-A-PC	UBM42-1601-A-PC
17"	UBM42-1705-E-PC	UBM42-1703-C-PC	UBM42-1702-C-PC	—	UBM42-1702-A-PC	UBM42-1701-A-PC
18"	UBM42-1805-E-PC	UBM42-1803-C-PC	UBM42-1802-C-PC	—	UBM42-1802-A-PC	UBM42-1801-A-PC
18-1/2"	—	—	—	—	—	UBM42-1821-A-PC
19"	—	UBM42-1903-C-PC	UBM42-1902-C-PC	—	UBM42-1902-A-PC	UBM42-1901-A-PC
20"	UBM42-2005-E-PC	UBM42-2003-C-PC	UBM42-2002-C-PC	—	UBM42-2002-A-PC	UBM42-2001-A-PC
21"	UBM42-2105-E-PC	UBM42-2103-C-PC	UBM42-2102-C-PC	—	UBM42-2102-A-PC	UBM42-2101-A-PC
22"	UBM42-2205-E-PC	UBM42-2203-C-PC	UBM42-2202-C-PC	—	UBM42-2202-A-PC	UBM42-2201-A-PC
23"	—	UBM42-2303-C-PC	UBM42-2302-C-PC	—	UBM42-2302-A-PC	UBM42-2301-A-PC
24"	—	UBM42-2403-C-PC	UBM42-2402-C-PC	—	UBM42-2402-A-PC	UBM42-2401-A-PC
25"	—	UBM42-2503-C-PC	UBM42-2502-C-PC	—	UBM42-2502-A-PC	UBM42-2501-A-PC
26"	UBM42-2605-E-PC	UBM42-2603-C-PC	UBM42-2602-C-PC	—	UBM42-2602-A-PC	UBM42-2601-A-PC
27"	UBM42-2705-E-PC	—	UBM42-2702-C-PC	—	UBM42-2702-A-PC	UBM42-2701-A-PC
27-1/2"	UBM42-2725-E-PC	—	—	—	—	—
28"	—	UBM42-2803-C-PC	UBM42-2802-C-PC	—	UBM42-2802-A-PC	UBM42-2801-A-PC
29"	—	—	—	—	UBM42-2902-A-PC	UBM42-2901-A-PC
30"	—	—	—	—	UBM42-3002-A-PC	UBM42-3001-A-PC
31"	—	—	—	—	UBM42-3102-A-PC	UBM42-3101-A-PC
32"	—	—	—	—	UBM42-3202-A-PC	UBM42-3201-A-PC
33"	—	—	—	—	UBM42-3302-A-PC	UBM42-3301-A-PC
34"	—	—	—	—	—	UBM42-3401-A-PC
35"	—	—	—	—	UBM42-3502-A-PC	UBM42-3501-A-PC
36"	—	—	—	—	—	UBM42-3601-A-PC
37"	—	—	—	—	UBM42-3702-A-PC	—
45"	—	—	—	—	—	—
48"	—	—	—	—	—	UBM42-4801-A-PC

* Use part number **UBM42-1002-CB-PC** for 5/8" RH threads and 11/16" LH threads.

Serrated Blocks and Plates



UBM46-1602



UBM46-1601-A

Part No.	Description
UBM46-1601-A	Serrated Block - 3/4" Hole
UBM46-1601-B	Serrated Block - 5/8" Hole
UBM46-1601-C	Serrated Block with Sides - 3/4" Hole
UBM46-1602	2" x 6" Serrated Plate - 3/4" Slot
UBM46-1604	2" x 6" Serrated Plate - 5/8" Slot

Note: All U-B serrated plates and blocks have 1/4" of adjustment.

Steel Clamp-On Clevis

UBM46-1820

Part No.	Description
UBM46-1820	1-1/2" Tube, 1/2" Rod End
UBM46-1825	1-1/2" Tube, 5/8" or 3/4" Rod End
UBM46-1845	1-3/4" Tube, 5/8" or 3/4" Rod End



Trailing Arm Ends

Part No.	Description
UBM46-2320	RH 3/4" Thread
UBM46-2330	LH 3/4" Thread



Turnbuckle and Toe Adjusters **NEW!**

UB Machine offers a variety of turnbuckles and toe adjusters, each well suited to steering or suspension applications. Sold each.

Part No.	Description
UBM47-1007	Toe Adjuster, 5/8" LH Male to 5/8" RH Female
UBM47-1008	Toe Adjuster, 5/8" RH Male to 5/8" LH Female
UBM47-1206	Turnbuckle, 3/4" RH Male to 3/4" LH Male
UBM47-1207	Toe Adjuster, 3/4" RH Male to 3/4" LH Threads Female
UBM47-1208	Toe Adjuster, 3/4" LH Male to 3/4" RH Female



Monoball Components



Description	Bearing Part No.	Housing Part No.	Snap Ring Part No.
5/8" High Misalignment	QA1YPB10T	UBM48-1010	—
3/4" Monoball	FKBFKS12T	UBM48-1211	UBM48-5143

SB Chevy Motor Mounts UBM50-0200

Stamped steel for added strength and supplied with a gold finish for an impressive look.



SB Chevy Aluminum Mid-Plates



Part No.	Description
UBM50-0100	Mastersbilt Chassis, 2-5/8" Offset
UBM50-0100-N	Narrow Chassis, 2-5/8" Offset, Right Side, Measures 15-15/16"
UBM50-0101	Pierce Chassis, 5/8" Offset



Chassis Brackets

Part No.	Description
UBM55-0160	Chassis Tab, 1/8" Thick, 3/8" Hole
UBM55-0161	Chassis Tab, .083" Thick, 3/8" Hole
UBM55-0180	Chassis Tab, 3/16" Thick, 1/2" Hole
UBM55-0190	Body Mounting Tab, .083" Thick, 1/4" Hole
UBM55-0191	Body Mounting Tab, 1/8" Thick, 1/4" Hole



Adjustable Upper Control Arm Mount

Control arm mount is constructed from 3/8" thick steel and includes a 1/2" slot on 6" centers for adjustment.

Part No.	Description
UBM55-0248	Adjustable Upper Control Arm Mount
UBM55-0254-A	Serrated Washer, 1/2" Hole



SB Ford Water Pump

Backing Plate **NEW!** UBM60-1100

Stock replacement steel backing plate engineered for use with small block Ford 260-351W engines.



SB Ford Water Necks **NEW!**

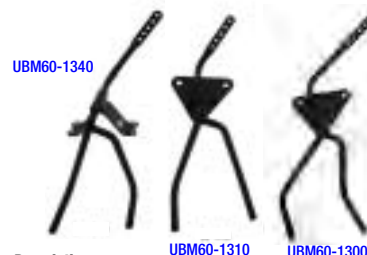
Manufactured from billet aluminum and blue anodized for corrosion resistance, small block Ford water necks seal with an O-ring, eliminating the need for a gasket. Choose from housings that accept a -16 or -20 AN fitting, or traditional, 1-1/2" dia. radiator hose. Sold complete with O-ring and necessary fasteners.

Part No.	Description
UBM60-1250-20	SB Ford, -20AN, 35° Angle
UBM60-1250-A	SB Ford, -16AN, 35° Angle
UBM60-1251-A	SB Ford, Accepts 1-1/2" Hose, Straight



Gas Pedals

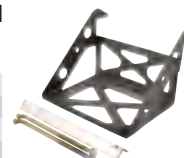
Part No.	Description
UBM60-1300	Long Pedal with Straight Foot Box
UBM60-1310	Short Pedal with Straight Foot Box
UBM60-1320	Long Pedal with 45° Angled Foot Box
UBM60-1330	Short Pedal with 45° Angled Foot Box
UBM60-1340	Firewall Mount Pedal



Battery Boxes

Durable, lightweight battery boxes are manufactured from die-formed steel and include radius-reinforced lightening holes.

Part No.	Description
UBM60-3000	Battery Box with Hooks, 9-1/2"
UBM60-3010	Battery Box with Hooks, 11"
UBM60-3012	Battery Box Assembly, 11" Bolt-On NEW!
UBM60-3015	Battery Box Bolt



Crossmember Spacer

UBM999-5507-125

Spacer has a 1/2" I.D., 3/4" step and is 1-1/4" long.



3/4" Spacers

Use with center section-mounted trailing arm brackets to properly align the trailing arm on chassis. Spacers have many other uses. All spacers are 1" O.D. with a 3/4" hole.



Spacer Size	Steel Part No.	Aluminum Part No.
3/4" x 1/2"	UBM999-5751-050	UBM999-5751-050A
3/4" x 3/4"	UBM999-5751-075	UBM999-5751-075A
3/4" x 1"	UBM999-5751-100	UBM999-5751-100A
3/4" x 1-1/2"	UBM999-5751-150	—
3/4" x 3-3/16"	UBM999-5751-318	UBM999-5751-318A



Ultra Cool Brake Fans

Race tested and proven to effectively lower brake temperatures, Ultra Cool Brake Fans save race teams money by extending rotor and pad life. Patent-pending brake fans are the only product currently available that cools the wheel side of the caliper, providing more CFM of cooling air, while remaining lighter and more cost-effective than traditional brake duct hose and blower systems. Product simply sandwiches between the hub and wheel, and may be double stacked for even greater air flow. Offered in steel or lightweight aluminum, brake fans are sold as right or left applications, and are designed for use with 5/8" studs.

Description	Left Part No.	Right Part No.
Steel Brake Fans		
Small 5, 4-1/2" Thru 5-1/8" B.C., 3-7/16" Center Hole	UCBLMBF5S-625L*	UCBMBF5-625R*
Wide 5, Fits 0" Through 6" Offset Wheels	UCBLMBFW5L†	UCBLMBFW5R†
Aluminum Brake Fans		
Small 5, 4-1/2" Thru 5-1/8" B.C., 3-7/16" Center Hole	UCBALMBF5S-625L*	UCBALMBF5S-625R*
Wide 5, Fits 0" Through 6" Offset Wheels	UCBALMBFW5L†	UCBALMBFW5R†

* Does not fit Cup style or most street car hubs due to fan blade to caliper interference. † Fits only steel wheels with rectangular cut holes between lug holes in flange.

ULTRA SHIELD RACE PRODUCTS

SFI 39.2 Late Model Seats **NEW!**

Utilizing a 20° layback design that is well suited to Late Models, SFI 39.2-approved seat is manufactured from quality 5052 aluminum. The full, 20" deep bottom offers exceptional support and comfort, while shortened left side head and shoulder supports provide easier driver entry and exit. Offered in 14" through 18" hip widths, seat is sold complete with black cover.

Part No.	Description
ULT3924400K	14" Late Model Seat with Cover
ULT3924500K	15" Late Model Seat with Cover
ULT3924550K	15-1/2" Late Model Seat with Cover
ULT3924600K	16" Late Model Seat with Cover
ULT3924650K	16-1/2" Late Model Seat with Cover
ULT3924700K	17" Late Model Seat with Cover
ULT3924750K	17-1/2" Late Model Seat with Cover
ULT3924800K	18" Late Model Seat with Cover



SFI 39.2 Sprint 10° Layback Seats **NEW!**

Fabricated from 5052 aluminum, 39.2 SFI-approved Sprint seat features a 10° layback design. Seat includes SFI 45.2 approved foam in the right and left head supports and a 15" deep bottom for added support. The head support bolts to the seat, allowing an easier install. Offered in 14" through 17" hip widths, seat is sold complete with black cover.

Part No.	Description
ULT3921400K	14" Sprint Seat with Cover
ULT3921500K	15" Sprint Seat with Cover
ULT3921600K	16" Sprint Seat with Cover
ULT3921700K	17" Sprint Seat with Cover

Late Model Halo Seats **NEW!**

Late Model Halo seats, constructed from .100" thick 5052 aluminum use a 20° layback design and a 20" deep bottom, which increases comfort and support. The head supports are offset, bringing the right side 1" closer to the head for added head protection. Head support bolts to the seat, allowing an easier install. Offered in 15" through 17" hip widths, seat is sold complete with black cover.

Part No.	Description
ULTLM5020K	15" Late Model Halo Seat with Cover
ULTLM6020K	16" Late Model Halo Seat with Cover
ULTLM7020K	17" Late Model Halo Seat with Cover

Economy Full Containment Halo Seats

These full containment seats are designed to give racers a real, full containment seat at an economy price. Made from .125" 5052 aluminum with an aluminum extrusion around the perimeter of the seat and seat belts. New two-piece design allows for smaller packaging and easier installation into tight cars. Available in 10° and 20° layback with ribs set at 17" high. Sold complete with full black cover.

Size	10° Seat Part No.	20° Seat Part No.
14"	ULTEF24100	ULTEF24200
15"	ULTEF25100	ULTEF25200
16"	ULTEF26100	ULTEF26200
17"	ULTEF27100	ULTEF27200
18"	ULTEF28100	ULTEF28200

VS Halo Seats **NEW!**

VS (Value Series) racing seats are constructed from .100" thick 5052 aluminum and feature reinforced halo, shoulders, torso, and thigh areas. Head support bolts to seat, easing installation. Available in 13" through 18" hip sizes with 10° or 20° layback in standard (25" shoulder belt holes) or 1" tall (26" shoulder belt holes) versions. Sold complete with black cover.

Description	Standard Part No.	1" Tall Part No.
13" VS Halo, 20°	ULTSAH320K*	—
14" VS Halo, 10°	ULTVS1410K	ULTVS1410TK
14" VS Halo, 20°	ULTVS1420K	ULTVS1420TK
15" VS Halo, 10°	ULTVS1510K	ULTVS1510TK
15" VS Halo, 20°	ULTVS1520K	ULTVS1520TK
16" VS Halo, 10°	ULTVS1610K	ULTVS1610TK
16" VS Halo, 20°	ULTVS1620K	ULTVS1620TK
17" VS Halo, 10°	ULTVS1710K	ULTVS1710TK
17" VS Halo, 20°	ULTVS1720K	ULTVS1720TK
18" VS Halo, 10°	ULTVS1810K	ULTVS1810TK
18" VS Halo, 20°	ULTVS1820K	ULTVS1820TK

*Small adult seat.

Pro Circle Track Seats **NEW!**

Rigid Pro Circle Track Seats are constructed from .125" thick 5052 aluminum and feature a 20° layback design. Made in the USA, seats include a 15" deep bottom, 25" shoulder belt height, 18" right rib, and 17" left rib. Sold complete with full black cover.

Part No.	Description
ULTPCT520K	15" Pro Circle Track Seat
ULTPCT620K	16" Pro Circle Track Seat
ULTPCT720K	17" Pro Circle Track Seat
ULTPCT820K	18" Pro Circle Track Seat

Replacement Buttons

Eccentric buttons replace worn shield buttons to securely mount tear-aways.

Part No.	Description
ULT1901	Aluminum Buttons, Pair
ULT1902	Plastic Buttons, Pair

Leg Supports

Leg supports are available in standard or lightweight versions, and bolt directly to the seat bottom for added leg and knee protection in the event of a crash. Black cover must be purchased separately.

Description	Leg Support Part No.	Cover Part No.
Right Leg Support	ULT91040	ULT91041
Left Leg Support	ULT91050	ULT91051
Lightweight Right Leg Support	ULT91060	ULT91041
Lightweight Left Leg Support	ULT91070	ULT91051

Tear-Aways

Ultra-Shield tear-aways are made from high-quality, specially coated 2-mil plastic for a tight, wrinkle-free fit. Coating provides maximum visibility without distortion. Standard tear-aways are sold in a box of 200, while smoke-tinted are offered in packs of five.

Box (200 Pcs.)	Smoke (5 Pcs.)	Description
ULT01201	ULTS01	11-1/2" Post Centers/Straight/Simpson, Arai, Racequip
ULT01202	ULTS02	12-3/8" Post Centers/Curved/Bell, G-Force, Pyrotech
ULT01203	ULTS03	11-1/2" Post Centers/Curved/Simpson SX, Voyager
ULT01204	ULTS04	11-1/2" Post Centers/Nose Notch/Simpson RX, Bandit, Diamondback
ULT01207	ULTS07	11-1/2" Post Centers/3" Impact Champ
ULT01208	—	12" Post Centers/Straight/Simpson (Older Bandits), Sparco
ULT01209	ULTS09	13" Post Centers/Curved/Simpson Shark
ULT01211	ULTS11	11-1/2" Post Centers/Bell SE03/SE05, GP3, GTX.3, GT5, HP5
ULT01212	—	10-3/4" Post Centers/Bieffe
ULT01213	ULTS13	13" Post Centers/Simpson Shark, Vudo, Draft, Spider, Invader, Valor
ULT01214	ULTS14	11-3/4" Post Centers/Impact Vapor, Charger
ULT01215B	ULTS15B	11-3/4" Post Centers/Impact Champ
ULT01216B	—	10-7/8" Post Centers/Bell X-15, Impact Little Champ
ULT01217	—	11-1/2" Post Centers/Straight/HJC
ULT01218	ULTS18	12-1/4" Post Centers/Curved/Bell Vador
ULT01220	ULTS20	12-3/8" Post Centers/Arai Auto Line
ULT01222	ULTS22	12-3/8" Post Centers/Bell 281/288, Sport, M.4, BR.1
ULT01223	—	12-1/4" Post Centers/Bell 287, GP2, GTX.2, M.8, Dominator, Star Infusion
ULT01224	ULTS24	12-1/4" Post Centers/Bell 276, K.1 Sport
ULT01225	ULTS25	12-1/4" Post Centers/Curved/Bell Star
ULT01227	—	12-3/4" Post Centers/Bell SE07
ULT01229	—	13" Post Centers, Simpson Venator
ULT01230	ULTS30	11-5/8" Post Centers/Impact Vapor, Charger
ULT01256	ULTS56	12-1/4" Post Centers/Zamp RZ-34, RZ-34H, RZ-55, FSA-2
ULT01280	ULTS80	12-3/8" Post Centers/Bell Sport EV, Racequip (All Exc. VESTA15)

Latch-and-Link 5-Pt. Racing Harnesses **NEW!**

Constructed using high strength, 3" and 1-3/4" polyester webbing with forged, "duckbill" latch, 5-pt. harnesses meet SFI 16.1 specifications. Standard harness has a 3" latch, while Sprint unit includes a 2" latch. Includes wrap-around ends on webbing with bolt-in plates included. HANS-compatible harnesses include 3" shoulder belts that transition to 1-3/4". Choose from black, blue, or red.



Description	Black Part No.	Blue Part No.	Red Part No.
Standard Harness, Ind. Shoulder	ULTHB22001	ULTHB22003	—
HANS Harness, Ind. Shoulder	ULTHB22001H	—	—
Sprint Harness, Ind. Shoulder	ULTHB22031	—	ULTHB22032
Sprint Harness, Ind. Shoulder	ULTHB22031SPL*	—	—
Sprint HANS Harness, Ind. Shoulder	ULTHB22031H	—	—
Standard Harness, "V" Shoulder	ULTHB22031V	—	—
Junior Harness, Ind. Shoulder, 2"	ULTHB46031	—	—

*Signifies harness with single pull lap adjuster.

Camlock 5-Pt. Racing Harnesses **NEW!**

Top-of-the-line, 5-pt. racing harnesses utilize a machined, quarter-turn cam-lock buckle that is combined with high-strength 3" and 1-3/4" polyester webbing. Meeting SFI 16.1 specifications, wrap-around ends are installed on webbing with included bolt-in plates. Offered in black only.



Part No.	Description
ULTHB22411	Standard Harness, Ind. Shoulder, Pull-Down Adjust
ULTHB46201	Junior Harness, Ind. Shoulder, 3", Pull-Down Adjust

Racing Harness Mounting Hardware **NEW!**

Part No.	Description
ULTCLIP-IN	Clip-In Hardware, Each
ULTFLOORMT	Floor Mount Kit



Arm Restraints **NEW!**

Arm restraints are made from 1" wide polypropylene webbing. Y-type restraints are offered in SFI 3.3 approved for junior, non-SFI configurations. Sold per pair. Black only.

Part No.	Description
ULT38511	Arm Restraints, SFI-Approved
ULT48511	Jr. Arm Restraints, Non-SFI



Flameproof Coatings

Developed for the aerospace industry, heat-resistant coating is ideal for use on headers, exhaust manifolds, etc. 11-oz. aerosol can.

Part No.	Color
VHTSP101	Flat White
VHTSP102	Flat Black
VHTSP106	Flat Silver
VHTSP109	Flat Red
VHTSP110	Flat Blue
VHTSP114	Flat Orange
VHTSP115	Clear
VHTSP117	Flat Aluminum
VHTSP118	Flat White Primer



"Prime Coat" Sandable Primers

Provides an excellent base for enamel or synthetic lacquer paint. A quick, fast-drying base coat with excellent adhesion. 11-oz. aerosol can.

Part No.	Color
VHTSP301	White
VHTSP302	Dark Grey
VHTSP303	Red Oxide
VHTSP304	Light Grey
VHTSP305	Black
VHTSP306	Yellow

Engine Enamels

Urethane resins provide exceptional durability under the most severe conditions. Paint will withstand spillage of the strong solvents and additives found in racing gasoline blends. 11-oz. aerosol can.

Part No.	Color
VHTSP120	Hemi Orange
VHTSP121	Bright Red
VHTSP122	Pontiac Blue
VHTSP123	Chevy Orange
VHTSP124	Gloss Black
VHTSP125	Ford Dark Blue
VHTSP126	Early Chrysler Blue
VHTSP127	Aluminum
VHTSP128	Gloss Yellow
VHTSP129	Gloss White
VHTSP130	Flat Black
VHTSP132	Universal Gold
VHTSP134	Ford Light Blue
VHTSP135	GM Blue
VHTSP137	Ford Grey
VHTSP138	Ford Corporate Blue
VHTSP139	GM Satin Black
VHTSP145	Gloss Clear
VHTSP154	Grabber Green

All VHT Items

Ground Shipment Only



Roll Bar and Chassis Paint

One-step epoxy paint dries to a porcelain-like finish that is chemical, corrosion, rust, and salt-resistant. 11-oz. aerosol can.

Part No.	Color
VHTSP670	Gloss Black
VHTSP671	Satin Black



All VHT Items
Ground Shipment Only

"Nu-Cast" Cast Coatings

Makes cast iron parts look like new. Produces that original look and is a "must have" item for that restoration project. 11-oz. aerosol can.

Part No.	Color
VHTSP995	Aluminum Paint
VHTSP997	Cast Iron Paint
VHTSP998	Header Paint

Epoxy All-Weather Coatings

VHT Epoxy Coating produces porcelain-like hardness with a high gloss. The durable finish makes it an excellent choice. 11-oz. aerosol can.

Part No.	Color
VHTSP650	Gloss Black
VHTSP651	Gloss White
VHTSP652	Satin Black

Blue Anodized Color Coat **NEW!** VHTSP451

Specialized, transparent paint offers a blue anodized appearance when properly applied to chrome, bare metal and other metal surfaces. Formulated for high temperature engine applications with the ability to withstand intermittent temperatures up to 550°F. 11-oz. aerosol can.

"Quick Coat" Enamels

Designed to provide a tough and durable enamel coating without heat curing or special processing. Ideal for professional or home use. 11-oz. aerosol can.

Part No.	Color
VHTSP501	Fire Red
VHTSP504	Gloss Black
VHTSP507	Bright Aluminum
VHTSP509	Gloss White
VHTSP510	Flat Black
VHTSP525	Silver Chrome

High-Temp Caliper Paint

High-temp caliper paint may be used on aluminum or cast metals and is ideal for brake drums and calipers. Will not rust, chip, or crack. 11-oz. aerosol can.

Part No.	Color
VHTSP731	Real Red
VHTSP733	Real Orange
VHTSP734	Gloss Black
VHTSP735	Cast Aluminum
VHTSP738	Bright Yellow
VHTSP739	Satin Black



Utility Jugs

Durable five-gallon utility jugs are offered in round and square versions. Square jugs fit flush against upright flat surfaces and are ideal where space is at a premium. Covered by a 5-year limited warranty against cracks, leaks, or splitting. Available in a wide variety of colors. Cap is included.

	Round Part No.	Round Case (4) Part No.	Square Part No.	Square Case (4) Part No.
Color				
Red	VPF3012	VPF3014	VPF3512	VPF3514
White	VPF3022	VPF3024	VPF3522	VPF3524
Blue	VPF3032	VPF3034	VPF3532	VPF3534
Purple	—	—	VPF3592	VPF3594
Yellow	—	—	VPF3552	VPF3554
Orange	—	—	VPF3572	VPF3574
Green	—	—	VPF3562	VPF3564
Silver	—	—	VPF3602	VPF3604
Black	—	—	VPF3582	VPF3584
Pink	—	—	VPF3812	VPF3814
Camo	—	—	VPF3842	VPF3844
Tan	—	—	VPF4042	VPF4044
Patriotic	—	—	VPF35221	VPF35224
V-Twin	—	—	VPF3852	VPF3854

Motorsportsman® 3-Gallon Utility Jugs

Rugged, heavy-duty utility jugs are manufactured with high-density polyethylene which has 30% more material than standard containers. They feature an ergonomically contoured handle, bottom grip for easy pouring, and non-breakable cap with rubber gaskets. Hose not included. Available in either white or blue.

Part No.	Description
VPF4172	White Square Utility Jug
VPF4174	White Square Utility Jug, Case (4)
VPF4182	Blue Square Utility Jug
VPF4184	Blue Square Utility Jug, Case (4)

Surecan® Fuel Containers

These gas cans feature patented spill-proof technology with a rotating nozzle and thumb-release trigger that allows the fuel to dispense from the bottom of the can, letting gravity do all of the work. Child-proof fill cap, self-venting, and locking thumb trigger make these fuel cans the most innovative units on the market today. EPA, CARB, DOT, Canada UL certified.

Part No.	Description
VPF3836	2.2-Gallon Fuel Container
VPF3838	5-Gallon Fuel Container NEW!

EZ Pour Spout **NEW!**

Eases the pouring of liquids from quart, half-gallon, and one-gallon containers. Made in the USA, durable EZ Pour Spout fits all 1-1/8" Beta openings. Sold each or cases of 24.

Each Part No.	Case of 24 Part No.
VPF320	VPF32024

Part No.	Description
VPF3042	Cap
VPF3045	Vent Cap
VPF3044	Filler Hose, 14"



Power Spout **NEW!** VPF348

Spout screws directly onto the pull out spouts found on VP Racing Fuel's 5-gallon steel pails, easing the transfer of liquids. A built-in vent tube helps speed liquid flow.

Note: Power Spout does not fit 5-gallon motorsport or sportsman containers.



55-Gallon Drum

Siphon Pump **NEW!** VPF3054

Economical, manual pump attaches directly to 55-gallon steel drums, allowing liquids to be siphoned quickly and effectively.



Drum Wrench **NEW!** VPF3061

Heavy-duty steel wrench eases cap removal or replacement common to large steel fuel or oil drums.



Large Triangular Funnel VPF3081

Blue polyethylene triangular funnels. Basin size 14" diameter x 11-1/4" long x 12" wide. Overall length 16" with 4-1/2" long spout.



Multi-Purpose Oval Funnel VPF3071

Yellow polyethylene oval funnel with 9-1/2" screw-on spout. Basin size 9-1/2" diameter x 12" long x 7" wide. 22" overall length. Sold each.



Siphon Pump VPF3054

Pump quickly siphons fuel from steel 15, 30, or 55-gal drums.



2-Jug Fuel Rack VPF3050

Lightweight, fabricated aluminum fuel rack stores two 5-gallon round or square fuel jugs in the trailer for safe and effective transport. Fuel rack attaches easily to the inside of trailer wall, and features a laser-cut VP Racing Fuels logo.



Pro Grade Full Synthetic Racing Oils

Specifically formulated to provide exceptional durability and unsurpassed friction control to racing applications. Oils include high levels of ZDDP for outstanding wear protection, while an aggressive additive package minimizes oxidation, sludge, and engine deposits. Sold in one-quart bottles, or in cases.

Description	1-Quart Bottle Part No.	1 Case, (12) 1-Quart Bottles Part No.
SAE 0W-20	VPF2715	VPF2717
SAE 5W-30	VPF2725	VPF2727
SAE 10W-40	VPF2745	VPF2747
SAE 15W-50	VPF2755	VPF2757



High-Performance Racing Oil

Synthetic blended oil includes enhanced levels of ZDDP and special anti-wear additives to protect flat tappet camshafts, lower operating temperatures, provide rust and corrosion protection, and reduce valve train wear. Meets API SN requirements. Sold in one-quart bottles, or in cases.

Description	1-Quart Bottle Part No.	1 Case, (12) 1-Quart Bottles Part No.
SAE 10W-30	VPF2955	VPF2957
SAE 10W-40	VPF2965	VPF2967
SAE 15W-50	VPF2975	VPF2977



Classic Non-Synthetic Racing Oils **NEW!**

Racing oils are formulated with high quality mineral base oils and a specialized additive package, resulting in a lubricant that offers superior film strength and protection to critical engine parts. Oils also include enhanced levels of ZDDP and a strong detergent dispersant package for increased engine longevity. Sold in one-quart bottles, or in cases.

Description	1-Quart Bottle Part No.	1-Case (12) 1-Quart Bottles Part No.
Classic 30W	VPF2681	VPF2682
Classic 10W-30	VPF2678	VPF2679
Classic 20W-50	VPF2691	VPF2692



Traditional Non-Synthetic Racing Oils **NEW!**

Engineered for use in high-performance competition engines that are exposed to extreme loads and high-temperature conditions. Non-synthetic, straight-weight oils offer an aggressive base layer along with enhanced levels of ZDDP to protect internal engine components. Sold in one-quart bottles, or in cases.

Description	1-Quart Bottle Part No.	Case (12) 1-Qt. Bottles Part No.
Traditional 50W	VPF2685	VPF2686
Traditional 60W	VPF2687	VPF2688



0W-50 EX HP

High-Performance Racing Oil **NEW!**

Full-synthetic, wide-viscosity racing oil provides exceptional high- and low-temperature protection to highly stressed competition engines. The lower viscosity offers improved flow to critical engine parts, while maintaining high-temperature/high-shear protection. Sold in one-quart bottles, or in cases.

1 Quart Bottle Part No.	Case (12/1 Qt. Bottles) Part No.
VPF2758	VPF2759



C11 5W-40 High-Performance Diesel Engine Oil **NEW!**

Lubricant provides excellent high and low-temperature protection to high-performance diesel race engines as well as tow vehicles. C11 includes higher levels of ZDDP, an aggressive detergent dispersant and an anti-oxidant package for superior engine protection. Sold in one quart bottles, or in cases.

1-Quart Bottle Part No.	Case (12) 1-Qt. Bottles Part No.
VPF2695	VPF2696



Break-In Engine Oil

Specialized lubricant delivers maximum protection to camshafts and valvetrain components during the break-in process. Oil includes moly compounds to help promote ring seal and assist in proper plateau of cylinders. Sold in one-quart bottles, or in cases.

Description	1-Quart Bottle Part No.	1 Case, (12) 1-Quart Bottles Part No.
SAE 10W40 Oil	VPF2415	VPF2417



Street Legal Synthetic-Blend Motor Oil **NEW!**

Formulated with a blend of conventional and synthetic base oils to deliver superior engine protection, added resistance to sludge formation and varnish deposits. Lubricants offer outstanding wear protection even when exposed to extreme conditions. Sold in one-quart bottles, or in cases.

Description	1 Quart Bottle Part No.	One Case, 12/One Quart Bottles Part No.
SAE 5W-20	VPFVP3152003	VPFVP3152003C
SAE 5W-30	VPFVP3153003	VPFVP3153003C
SAE 10W-30	VPFVP3110303	VPFVP3110303C





UTV/ATV Synthetic 4-Cycle Engine Oils **NEW!**

Specially formulated for popular UTV's/ATV's, 4-cycle synthetic engine oils combine synthetic base stocks with a special additive package for increased performance and durability. Sold in one-quart bottles, or in cases.

Description	1-Quart Bottle Part No.	1 Case, (12) 1-Quart Bottles Part No.
UTV/ATV 5W-50 (Can-Am, Polaris)	VPFVP7150503	VPFVP7150503C
UTV/ATV 10W-40 (Honda/Yamaha/Kawasaki/Arctic Cat)	VPF26721	VPF26727



Fuel System Cleaner

This fuel system cleaner is formulated to increase fuel mileage, restore performance, virtually eliminate knocks and pings, and reduce harmful emissions. 16 ounces treat 20 gallons. 16-oz. bottle. Sold each.

16-oz. Bottle Part No.	1 Case (9) 16-oz. Bottles Part No.
VPF2805	VPF2807



Extreme Service Oil Boost **NEW!**

Specially formulated for vehicles with over 75,000 miles, engine oil additive includes special seal conditioners that revitalize O-rings, gaskets, and seals to eliminate oil leakage, while incorporated detergents minimize sludge. Sold in 12-oz. bottles, or in cases.

12-oz. Bottle Part No.	Case (12) 12-oz. Bottles Part No.
VPFVP6100102	VPFVP6100102C



Full Synthetic High-Performance Gear Oil

Fully synthetic, multi-purpose GL-5 gear lube is engineered for high-speed, high shock load applications. Formulated to increase power and lower operating temperatures. Sold in one-quart bottles, or in cases.

Description	1 Quart Bottle Part No.	One Case, (12) One Quart Bottles Part No.
75W-90 Gear Oil	VPF2885	VPF2887
80W-90 Gear Oil	VPF2895	VPF2897



Classic 80W-90 Hi-Performance Gear Oil **NEW!**

API GL-4 lubricant is engineered for use in classic manual transmissions and transaxles. Oil combines select base oils with anti-wear additives and friction modifiers for unsurpassed protection of critical components. Sold in one quart bottles, or in cases.

1 Quart Bottle Part No.	Case (12/1 Qt. Bottles) Part No.
VPF2703	VPF2704



Hi-Performance 80W-140LS Gear Oil **NEW!**

Mineral base, GL-5 gear oil is fortified with anti-scuff, anti-wear and extreme pressure additives to offer unsurpassed protection against low speed/high torque wear and high-speed scoring applications. Sold in one quart bottles, or in cases.

1 Quart Bottle Part No.	Case (12/1 Qt. Bottles) Part No.
VPF2705	VPF2706



High-Performance 75W-140LS Full-Synthetic Gear Oil **NEW!**

Full-synthetic GL-5 extreme-pressure gear oil provides excellent protection against high-speed scoring, low-speed/high-torque wear and heavy shock loading. Also offers low frictional drag and resistance to foaming. Sold in one-quart bottles, or in cases.

1-Quart Bottle Part No.	Case (12) 1-Qt. Bottles Part No.
VPF2707	VPF2708



Street-Legal DOT-4 Brake Fluid **NEW!**

Premium, street-legal synthetic brake fluid is suitable for use with disc, drum, and ABS brake systems. Glycol-based fluid meets DOT 4 specifications and offers exceptional corrosion and oxidation resistance. Sold in 12-oz. bottles, or in cases.

12-oz. Bottle Part No.	Case (12) 12-oz. Bottles Part No.
VPFVP6100402	VPFVP6100402C



Multi-Purpose Automatic Transmission Fluid **NEW!**

Premium lubricant is designed for automatic transmissions previously requiring GM Dexron-III or Ford Mercon. Fluid offers smooth shifting, anti-shudder properties and excellent seal compatibility. Sold in one-quart bottles, or in cases.

1-Quart Bottle Part No.	Case (12) 1-Qt. Bottles Part No.
VPFVP4011103	VPFVP4011103C



ATF Pro **NEW!**

Specially formulated additive for automatic transmissions that is engineered to reduce fluid temperatures and restore performance, resulting in extended unit life. Equally suited to diesel, heavy duty and performance applications. Sold in 8-oz. bottles, or in cases.

8-oz. Bottle Part No.	Case (9) 8-oz. Bottles Part No.
VPF2037	VPF2038



Synthetic Power Steering Fluid **NEW!**

Universal fluid is formulated using synthetic base stocks and an advanced additive technology package to deliver optimum power steering system protection. Fluid protects and conditions seals, and minimizes pump squealing. Sold in 12-oz. bottles, or in cases.

1-Quart Bottle Part No.	Case (12) 1-Qt. Bottles Part No.
VPFVP6100502	VPFVP6100502C



Power Boost™ Combustion Chamber Enhancer

This fuel system additive removes carbon deposits in the combustion chamber, reducing spark knock and eliminating the need to use higher-octane fuel. 16 ounces treat up to 18 gallons. 16-oz. bottle. Sold each.

16-oz. Bottle Part No.	1 Case (9) 16-oz. Bottles Part No.
VPF2825	VPF2827



M2™ Upper Cylinder Lube

Formulated to protect aluminum fuel system components, cylinder walls, and valves in methanol or alcohol-powered engines. 16-oz. container. Sold each.

16-oz. Bottle Part No.	1 Case (12) 16-oz. Bottles Part No.
VPF2016	VPF2019





Racing 622 Brake Fluid **NEW!**

Formulated to meet the hard braking and high temperature demands common to racing. Fully synthetic 622 is the highest boiling point, DOT 4 fluid currently available that maintains stability under high temperatures, resists vapor lock and fade, and improves pedal feel. Sold in 500-ml. bottles, or in cases.

500-ml. Bottle Part No. Case (12/500 ml. Bottles) Part No.
VPF2551 VPF2552



Octanium Unleaded **NEW!**

High performance fuel additive delivers an octane boost to unleaded fuel of up to 7 numbers, eliminating detonation and increasing horsepower. Safe for catalytic converters and O2 sensors. Sold in 32-oz. cans, or in cases.

32-oz. Can Part No. Case (8) 32-oz. Cans Part No.
VPF29505 VPF29507



7-in-1 Fuel Treatment **NEW!**

Easy-to-use fuel additive removes combustion chamber deposits, cleans fuel injectors, and stabilizes fuel, resulting in improved performance and fuel economy. Designed for use in 4- or 2-cycle engines, product should be used between Fuel System Cleaner intervals. Sold in 16-oz. bottle, or in cases of (9) bottles.

16-oz. Bottle Part No. Case (9) 16-oz. Bottles Part No.
VPF2848 VPF2849



Cetanium High Performance Diesel Additive **NEW!**

High performance diesel fuel additive increases cetane for off-road diesel racing applications, while simultaneously cleaning injectors and pumps. Additive, which treats up to 10 gallons of fuel, increases cetane by up to 10 numbers. Sold in 32-oz. bottle, or in cases of (8) bottles.

32-oz. Bottle Part No. Case (8) 32-oz. Bottles Part No.
VPF2865 VPF2867



Diesel All-in-One Fuel Conditioner **NEW!**

Fuel conditioning additive cleans injectors and pumps, reduces smoking, replaces lost lubrication, increases fuel mileage and disperses water, while providing anti-gel protection to -40° F. Adding 24-ozs. treats up to 240 gallons. Sold in 16 oz. bottle, 64-oz. jug, or in cases.

16-oz. Bottle Part No. Case (9) 16-oz. Bottles Part No.
VPF2838 VPF2839
64-oz. Jug Part No. Case (4) 64-oz. Jugs Part No.
VPF2833 VPF2836



Powersport Chain Cleaner **NEW!**

Aerosol quickly removes grease, grime, dirt and oil from drive chains. Chain lubricant may be applied following cleaning. Sold in 13-oz. aerosol cans, or in cases.

13-oz. Aerosol Part No. Case (12) 13-oz. Aerosol Cans Part No.
VPFVP7920020 VPFVP7920020C



Powersport Chain Lubricant **NEW!**

Lubricant offers superior protection to drive chains, preventing galling and wear. Suited to street or off-road applications. Sold in 13-oz. aerosol cans, or in cases.

13-oz. Aerosol Part No. Case (12) 13-oz. Aerosol Cans Part No.
VPFVP7910020 VPFVP7910020C



Powersport Multi-Purpose Lubricant **NEW!**

Versatile lubricant includes the ability to penetrate components, loosen seized parts and provide a protective lubricating film. Sold in 13-oz. aerosol can, or in cases.

13-oz. Aerosol Part No. Case (12) 13-oz. Aerosol Cans Part No.
VPFVP7930020 VPFVP7930020C



Powersport Contact Cleaner **NEW!**

Product helps clean sensitive electronic contacts, removing corrosion, while preventing shorting and arcing. Sold in 13-oz. aerosol cans, or in cases.

13-oz. Aerosol Part No. Case (12) 13-oz. Aerosol Cans Part No.
VPFVP7940020 VPFVP7940020C



Powersport Air Filter Oil **NEW!**

Specially formulated lubricant maximizes the effectiveness of air filters that require periodic oiling. Filters should be cleaned thoroughly with air filter cleaner prior to oiling. Formulas offered for foam or fiber filters. Sold in 13-oz. aerosol cans, or in cases.

Description 13-oz. Aerosol Part No. Case (12) 13-oz. Aerosol Cans Part No.
Foam Air Filter Oil VPFVP7950020 VPFVP7950020C



Powersport Foam and Fiber Air Filter Cleaner **NEW!**

Very effective in cleaning foam or fiber air filters that require periodic cleaning and oiling. Water rinsable, solvent cleaner removes dirt and contaminants without damage. Sold in 13-oz. aerosol cans, or in cases.

13-oz. Aerosol Part No. Case (12) 13-oz. Aerosol Cans Part No.
VPFVP7970020 VPFVP7970020C



Octanium Octane Concentrate

Increase the octane of pump gasoline by up to eight points. Fuel additive helps improve throttle response and acceleration, while eliminating engine harming detonation. Designed for racing use only. Not recommended for use with O2 sensors or catalytic converters. One 32-oz. bottle treats up to 10-gallons of gasoline.

32-oz. Bottle 1 Case (8) 32-oz. Bottles Part No.
VPF2855 VPF2857



Ethanol Fuel Stabilizer

Specialized fuel additive protects the fuel system from the corrosive effects of ethanol. Product additionally helps reduce heat and extend engine life. Just 8 ounces protects up to 80 gallons for three years. Sold in 8-oz. bottles or in cases.

8-oz. Bottle 1 Case (9) 8-oz. Bottles Part No.
VPF2815 VPF2817



Diesel All-in-One Fuel Conditioner

All-in-one diesel fuel additive cleans injectors and pumps, while increasing fuel mileage and cetane. Product also protects petroleum-based and biodiesel, dispersing water and eliminate gelling to -40°F. Single 24-oz. bottle treats up 240 gallons of fuel.

24-oz. Bottle 1 Case (6) 24-oz. Bottles Part No.
VPF2835 VPF2837





Engine Assembly Lube

Formulated to cling to engine parts during the engine-building process, Engine Assembly Lube is a premium high-viscosity lubricant that provides superior protection against scuffing, galling and metal transfer. Lubricant combines zinc, phosphorous, and moly anti-wear additives to prevent excessive wear. Designed to mix with other oils, preventing the clogging of ports or oil filters. Sold in 12-oz. bottles, or in cases.

12-oz. Bottle	1 Case (12) 12-oz. Bottles Part No.
VPF2251	VPF2257

Cool Down™ Coolant Improver

Manufactured with the ability to reduce cylinder head temperatures up to 50°F, provide better heat transfer, and lubricate all vital components. Safe for all radiator systems. One 16-oz. bottle will treat up to 20-quart cooling systems, straight water applications require 50% more Cool Down. Treatments are good for 30,000 miles or one year, whichever comes first. 16-oz. container. Sold each.

16-oz. Bottle	1 Case (9) 16-oz. Bottles Part No.
VPF2085	VPF2086

PowerWash Super Concentrate

This super concentrated car wash is specially formulated for the automotive, powersports, and R/C hobby industry. It is manufactured to rapidly dissolve dirt and mud, and clean without leaving streaks or spots. One-gallon container. Sold each.

1-Gallon Container	1 Case (4) Gallon Containers Part No.
VPFM10011	VPFM10018

M2 Upper Lube (Candy) **NEW!**

Candy-scented, M2™ protects the investment in your methanol- or ethanol-powered engine and will more than pay off at rebuild time. Protects valves, cylinders, and aluminum fuel system components from corrosive effects of methanol or ethanol fuels. Sold in 16-oz. bottles, or in cases.

16-oz. Bottle Part No.	1 Case (12) 16-oz. Bottles Part No.
VPF2076	VPF2079

Stay Frosty **NEW!**

A proprietary coolant specially-formulated for high-performance engines that require increased protection from overheating, while needing minimal freeze protection. Stay Frosty reduces engine temperatures up to 25°F. when compared to traditional, glycol-based coolants. Sold in 64-oz. jugs, or in cases.

Description	64-Oz. Jug Part No.	1 Case (4) 64-oz. Jugs Part No.
Stay Frosty	VPF2087	VPF2088
Stay Frost, Pre-Mixed	VPF2301	VPF2302

Power Instant Detailer and Gloss Enhancer **NEW!**

Spray-on detailer provides unsurpassed slickness and gloss to any automotive surface. Simply spray and wipe all exterior surfaces for a high-gloss finish that is also dust and dirt repellent. Sold in 17-oz. spray bottle, or in cases.

17-oz. Bottle Part No.	1 Case (12) 17-oz. Bottles Part No.
VPF2110	VPF2111

Power Wax **NEW!**

The only wax currently available that includes a patented system to protect paint from the sun's harmful UV rays. Unique formula provides up to 5 months of protection. Safe for all automotive surfaces including vinyl and moldings. Sold in 17-oz. spray bottle, or in cases.

17-oz. Bottle Part No.	1 Case (12) 17-oz. Bottles Part No.
VPF2112	VPF2113

PowerWash Moto Formula Spray

Specially formulated for Motorsports, Powersports and R/C hobby enthusiasts, super-concentrated, dual-action detergent makes cleaning easier, removing dirt and grease without streaking or spotting. Sold in 32-oz. spray bottles, or in cases.

32-oz. Bottle Part No.	1 Case (12) 32-oz. Bottles Part No.
VPFM10025	VPFM10027

Power Clean **NEW!**

Revolutionary product is specially formulated to safely clean wheels, tires, and other automotive surfaces, except glass. Special polymers and emulsifiers break down and dissolve the toughest dirt, grime, and brake dust. Sold in 17-oz. spray bottle, or in cases.

17-oz. Bottle Part No.	1 Case (12) 17-oz. Bottles Part No.
VPF2117	VPF2118

Powersport Silicone Detailer **NEW!**

Specifically formulated for use on motorcycles, ATV's, UTV's, etc., silicone detailer helps provide a quick clean-up. Product offers an attractive shine and superior surface protection. Sold in 13-oz. aerosol cans, or in cases.

13-oz. Aerosol Part No.	1 Case (12) 13-oz. Aerosol Cans Part No.
VPFVP7980020	VPFVP7980020C

Power Leather and Interior Detailer **NEW!**

Product cleans, restores, and protects leather, vinyl, and moldings. Formula includes the ability to restore the original color, hide scratches, and protect against the sun's UV rays. Sold in 17-oz. spray bottle, or in cases.

17-oz. Bottle Part No.	1 Case (12) 17-oz. Bottles Part No.
VPF2115	VPF2116

Hand Sanitizer **NEW!**

Formulated using an alcohol-based hand rub containing 80% ethanol, product kills micro-organisms that potentially cause disease. Ideal for use when soap and water are not available. Sold in 32-oz. bottles, or in cases.

32-oz. Bottle Part No.	Case (12) 32-oz. Bottles Part No.
VPF2073	VPF2075





All-in-One-Silicone

Premium-grade RTV silicone can fulfill all of a racer's sealing needs. Colors are low-volatility, oxygen sensor-safe, and will withstand high temperatures. 3-oz. tubes or 11.3-oz. cartridges.

Description	3-oz. Tube Part No.	11.3-oz. Cartridge Part No.
Clear All-in-One Silicone	VLC71105	VLC71112
Black All-in-One Silicone	VLC71135	VLC71142
Aluminum All-in-One Silicone	VLC71195	VLC71202

Tube-Grip® VLC71416

Tube-Grip® is an innovative, 14-gauge steel tool that can easily dispense material from flexible tubes with no waste. Applies 10 times the pressure of squeezing by hand and dispenses up to 35% more material out of each tube.



Hylomar® Gasket Maker

Non-hardening, polyurethane-based Hylomar is impervious to gasoline, oil, and any automotive fluid. Use Hylomar as a gasket maker, gasket dressing, or thread sealant.

Part No.	Description
VLC71255	Hylomar Blue, Medium, 1.5-oz. Tube
VLC71260	Hylomar Blue, Medium, 250 ml Brush-Top Can
VLC71283	Hylomar Blue, Medium, 100-Gram Tube
VLC71301	Hylomar, 3.5-oz. Tube
VLC71522*	Hylomar M, 2.5-oz. Tube
VLC71963	Hylomar Blue, 8.5-oz. Brush-Top Can

* Hylomar M was previously known as Racing Formula.



HV-350™ Adhesive/Sealant

VLC71155

Valco HV-350's elasticity and abrasion resistance make it ideal for high-vibration applications. Sandable material bonds both chemically and mechanically and can be used on porous and non-porous substrates such as wood, glass, plastic, vinyl, metal, fabric, and even concrete. Can be thinned with solvents such as Valco Solvent 184 or lacquer thinner and be brushed on as a protective coating. Sold in 3.35-oz. tube.



Epoxi•Putty VLC71636

Kneadable, steel-reinforced

Epoxi•Putty cures rock-hard within minutes of mixing. Can be drilled, tapped, or filed after 1 hour and can withstand temperatures up to 500°F. Packaged in 2-oz. clear cylinder with cap.



Peeler VLC71688

Removes silicone, paper, or fiber gasket material more quickly and easily than a gasket scraper. Short, easy-to-hold Peeler has a unique, self-leveling blade assembly that won't dig in or gouge surfaces and maintains a good, sharp cutting edge.



Medium-Strength Thread Locker VLC71620

Anaerobic compounds developed for locking, retaining, and sealing fasteners and components work in a wide temperature range, lubricate components during assembly, and resist corrosion, water, and oils. Medium-strength thread locker is suited for parts that require periodic disassembly. Sold in a 10 ml bottle.



White Lithium Grease

VLC795903

Multi-purpose, 12-hydroxy lithium-based grease has outstanding resistance to water and is perfect for high-speed, heavy-load applications. Mechanically stable lubricant also contains oxidation and corrosion inhibitors. 10-oz. tube.



Fastshine™ Cleaner/Detailer

VLC71603

Fastshine gives a quick, professional shine to a variety of surfaces, including clear coat. Removes fingerprints, bugs, water spots, bird droppings, etc. 32-oz. spray bottle.



Magic Mix® Metal Cleaner and Polish

The "Lazy Man's Polish" shines and protects aluminum, stainless steel, diamond plate, brass, gold, silver, magnesium, and copper. Magic Mix® removes oxidation, tar, and bugs from paint and even removes rust from chrome. For tough stains, clean and prepare metal with Magic Mix® Metal Cleaner.

Part No.	Description
VLC71610	Cleaner and Polish Set, 8-oz. Each
VLC71611	Polish, 8-oz. Bottle
VLC71640	Polish, 16-oz. Bottle
VLC71644	Speed Wax, 16-oz. Bottle



VR1 Racing Formula Motor Oil

Oil is used by circle track racers in all classes, from Street Stock to Sprint Cup. Reduces engine wear and sludge, controls foaming and maintains peak engine power. Sold in one-quart bottles.



Part No.	Description	Part No.	Description
VAL822388-C	SAE 10W-30	VAL822390-C	SAE 40
VAL822347-C	SAE 20W-50	VAL822350-C	SAE 50
VAL822401-C	SAE 30	VAL822403-C	SAE 60

Durablend® Motor Oil

The #1 selling semi-synthetic motor oil in the U.S. Provides anti-wear protection, greater high- and low-temperature protection. Sold in one-quart bottles.



Part No.	Description
VAL291	SAE 5W-30
VAL296	SAE 10W-30



Synthetic Motor Oil

Valvoline's 100% synthetic motor oil delivers superior lubrication, performance, and extreme temperature protection. Extensive testing has proven increased horsepower, less wear, and cooler engine temperatures. Sold in one-quart bottles.

Part No.	Description
VAL179	SAE 5W-30
VAL935	SAE 10W-30
VAL945	SAE 20W-50

Premium Conventional Motor Oil

Specially formulated motor oils include advanced additive technology and premium base oils for high performance and improved engine life. Multi-viscosity grades offer protection, while mono-grade oils are formulated for warmer conditions. Sold in one-quart bottles.

Part No.	Description
VAL797975-C	SAE 5W-30
VAL797578-C	SAE 10W-30
VAL797671-C	SAE 10W-40
VAL822344-C	SAE 20W-50
VAL797978-C	SAE 30

Automatic Transmission Fluid Type F VAL822387-C

Premium quality transmission fluid meets Ford spec. M2C33-F. Sold in one-quart bottles.



High-Performance 75W90 Synthetic Gear Oil VAL975

100% synthetic, extreme-pressure 75W90 lubricant withstands high and low temperatures and may be used in conventional or limited slip differentials. Sold in one-quart bottles.



High-Performance 80W90 Gear Oil VAL831

Offers superior protection to differential gears and bearings. Meets or exceeds requirements in all rear axles, including limited-slip types. Meets API Services GL-5, GL-6 ratings. Sold in one-quart bottles.



Val-Plex EP® Grease VAL614

Premium quality, multi-purpose wheel bearing grease is formulated for maximum performance and protection. Resists high temperatures and withstands heavy loads. One-pound can.



Premium Motorsports Apparel

Velocita offers a variety of custom driving suits, each custom-tailored to provide unsurpassed comfort and safety. True custom one-piece suits are individually sized and available with a wide variety of options. Please request a custom suit order form from salesperson to order.

Custom Quarter Midget Driving Suit VEL10000

One-piece, double-layer Quarter Midget Driving Suit is attractive, comfortable, and meets SFI 3.2A/1 specs. Custom-fit, box-quilt design suit incorporates boot cuffs, back gussets, 360° arm gussets, arm restraints and stretch panels for growth. Offered in black, white, blue, yellow, orange, lime green, purple, hot pink, light gray, or dark gray, with virtually any color embroidery on chest and belt only. Please request a custom suit order form from salesperson to order.



Custom Team Driving Suit VEL20000

Custom Team one-piece driving suit utilizes a double-layer, shiny appearance with digitizing and embroidery on chest logo, both forearms, and name on belt. Attractive and comfortable suit includes 360° arm gussets for increased range of motion. Choose from four different suit designs (T1, T2, T3, or T4) in black, red, blue, or white primary colors with choice of black, white, blue, yellow, orange, lime green, purple, hot pink, light gray, or dark gray trim. Suits meet stringent SFI 3.2A/5 specifications. Please request a custom suit order form from salesperson to order.



Custom Race Driving Suit VEL30000

Ideal for sponsored drivers, Custom Race Driving Suit includes free custom design, free art work, free custom tailoring, and free unlimited embroidery. Double-layer, one-piece driving suit incorporates comfortable, ultra-thin material in box quilt design with 360° radial arms and Euro back gussets. Suits meet SFI 3.2A/5 specifications. Offered in black, white, blue, yellow, orange, lime green, purple, hot pink, light gray, or dark gray with virtually any color embroidery. Please request a custom suit order form from salesperson to order.



Custom Pro Driving Suit VEL40000

Top-of-the-line custom driving suit features an attractive, F1 European-style ultra-shiny filament finish. One-piece, double-layer suit utilizes ultra-thin material in a box-quilt design with 360° radial arms, Euro back gussets, and black pro liner. Suit includes free custom design, free art work, free custom tailoring, and free unlimited embroidery. Meets stringent SFI 3.2A/5 specifications. Offered in black, blue, red, white, silver, yellow, or orange, with virtually any color embroidery. Please request a custom suit order form from salesperson to order.





NEW VENDOR

GSS-Series Universal In-Tank Fuel Pumps

Ideal for mini stocks, high-performance electric fuel pumps are designed for in-tank installation. OEM-quality pumps are for use with gasoline only.

Part No.	Description
WFPGSS340G3	500+ Horsepower, 255 LPH
WFPGSS341G3	500+ Horsepower, 255 LPH
WFPGSS342G3	500+ Horsepower, 255 LPH



In-Line Fuel Pump Mounting Kit WFP400-939

Kit includes special rubber sleeve isolator, clamps, fittings, and necessary hardware to install a Walbro in-line electric fuel pump.



Fuel Pump Fittings and Installation Hardware

All fittings listed require copper sealing washer (WPF400-929).



Part No.	Description
WFP128-3012	Bundy Outlet or Inlet
WFP128-3014	9 mm Multi-Barb Outlet or Inlet
WFP128-3023	10 mm Threaded Outlet or Inlet
WFP128-3024	8 mm Single Barb Outlet or Inlet
WFP128-3025	12 mm OD Inlet
WFP128-3026	15 mm OD Inlet
WFP128-3027	12 mm Banjo Outlet or Inlet
WFP128-3039	-6AN Outlet or Inlet
WFP128-3040	-8AN Outlet or Inlet
WFP128-3057	10.5 mm Multi-Barb Outlet or Inlet
WFP400-920	Mounting Clamp and Sleeve Kit
WFP400-929	Hardware Kit, Includes (2) Copper Sealing Washers

GSL-Series Gerotor In-Line Fuel Pumps

GSL-Series electric fuel pumps, feature a lightweight, compact design and offer an easy, in-line installation. Universal pumps are QS 9000 certified for quality, and include M10 x 1.0 threaded inlet/outlet and threaded electrical terminals. For gasoline only.

Part No.	Description
WFPGSL391	500+ Horsepower, 190 LPH, 43-50 PSI
WFPGSL392	670+ Horsepower, 255 LPH, 43-87 PSI
WFPGSL394	500+ Horsepower, 190 LPH, 43-87 PSI
WFPGSL393	405+ Horsepower, 155 LPH, 43-50 PSI



NEW VENDOR

Walero Racewear

The most technologically-advanced range of thermo-regulating base layers currently available. Walbro Racewear incorporates Outlast technology that actively regulates body temperatures regardless of environment. Racewear keeps drivers cool when temperatures rise and lessens the chill as it falls, while it has additionally proven to reduce perspiration by up to 33%.

Tops

Tops undergarments are manufactured from comfortable thermo-regulating material. Meets SFI 3.3 and FIA 8856-2000 standards. Offered in petrol blue or cool grey.



Size	Petrol Blue	Cool Grey
X-Small	WBL400017PTXS	WBL400017CGXS
Small	WBL400017PTS	WBL400017CGS
Medium	WBL400017PTM	WBL400017CGM
Large	WBL400017PTL	WBL400017CGL
X-Large	WBL400017PTXL	WBL400017CGXL
XX-Large	WBL400017PTXXL	WBL400017CGXXL
XXX-Large	WBL400017PTXXXL	WBL400017CGXXXL

Pants

Designed to increase comfort and protection, pants undergarments meet SFI 3.3 and FIA 8856-2000 standards. Offered in petrol blue or cool grey.



Size	Petrol Blue	Cool Grey
X-Small	WBL400018PTXS	WBL400018CGXS
Small	WBL400018PTS	WBL400018CGS
Medium	WBL400018PTM	WBL400018CGM
Large	WBL400018PTL	WBL400018CGL
X-Large	WBL400018PTXL	WBL400018CGXL
XX-Large	WBL400018PTXXL	WBL400018CGXXL
XXX-Large	WBL400018PTXXXL	WBL400018CGXXXL

Head Socks

Made from a super-soft material with flat-lock seams, head sock offers superior driver comfort and protection. Meets SFI 3.3 and FIA 8856-2000 standards. Offered in petrol blue or cool grey.

Size	Petrol Blue	Cool Grey
Small	WBL400021PTS	WBL400020CGS
Large	WBL400021PTL	WBL400020CGL





4000 DC Utility Winch [WAR94000](#)

Engineered from the ground up using a best-in-class 1.9-HP motor and 3-stage planetary gear train. Multi-directional clutch allows easy freespooling. Winch includes 4,000 lbs. of pulling power, a 7/32" x 43' long wire rope and a 12' long remote control, which allows power-in or power-out from a comfortable distance.



5000 DC Utility Winch [WAR99963](#)

Combining a durable, three-stage planetary gear-train with a 1.9-HP permanent magnet DC motor, the 5000 DC utility winch can pull up to 5,000 lbs. Dynamic and mechanical braking provides superior control and holding power. Winch includes a 1/4" x 60' long wire rope and a 12' long remote control, allowing power-in or power-out from a comfortable distance.



PullzAll Handheld Electric Pulling Tool [WAR885000](#)

Handy shop tool makes moving engines, transmissions, etc. quicker and easier with less manual labor. PullzAll electric pulling tool replaces traditional come-a-longs and chain falls, and can lift up to 1,000 lbs. 120-volt AC-powered pulling tool includes versatile, swivel anchor hook on one end and 15' of 7/32" wire rope with power in/power out capability. Handle with trigger-controlled variable speed control and convenient forward/reverse switch allows easy operation.



Late Model Fuel Pump [WATLM300](#)

Engineered for circle track racing, Late Model Fuel Pump is machined from forged aluminum and fitted with machined steel shafts and precision lapped gears. Includes a swivel flange for easy rotation and alignment after mounting and a -6AN jetted check valve. Should be used with a dead head-style fuel pressure regulator. May be used in either clockwise or counter-clockwise rotation.



Micro Late Model Fuel Pump

Engineered to mount directly to a dry sump oil pump or power steering pump, Micro Late Model Fuel Pump features a 3/8" hex drive and swivel flange for ease of installation. Lightweight and compact, pump weighs just 1 lb., 3 oz. and has an overall length of just 3". Pump body is manufactured from billet 7075-T6 aluminum and is fitted with polymer-coated and hand-lapped Meehanite gears, heat-treated steel shafts, and carbon steel bearings.



Part No.	Description
WAT250250LWE	250 Micro Late Model Fuel Pump, Spec and Crate Motors with 300-600 HP
WAT250300LWE	300 Micro Late Model Fuel Pump, Motors with 600-900 HP



Aluminum Quick-Change Pinion Mount with Climber [WEHWM205](#)

Single-side pinion mount features a climber on an arc.



Aluminum Dual-Usage Quick-Change Pinion Mount [WEHWM205DU](#)

Mount is manufactured with two identical sides, allowing it to be removed and flipped in the event that it is damaged due to a crash. Sold complete with climber hardware.



Part No.	Description
WEHWM205CG	Climber Gear
WEHWM205BK	Bolt Kit for Aluminum Pinion Mounts



Aluminum Quick-Change Double-Sided Pinion Mount WEHWM205DS

Aluminum double-sided pinion mount locates climber-style arc slots on both the right and left sides of the pinion.



Aluminum Quick-Change Pinion Mount with Arc WEHWM211

Aluminum pinion mount features a climber on an arc to maintain track alignment and run the Panhard bar 2-1/2" below the pinion centerline.



Quick-Change Pull Bar Bracket WEHWM292QC

Triple-slot pull bar bracket incorporates quick-adjust technology. Slots are located 1" in front of axle center, and 1" and 3" behind axle centerline. Sold in pairs with (2) adjust pucks, brackets also include 90/10 shock hook-up provisions.



Steel Ford 9" Arc Pinion Mount WEHWM230

For use on popular Ford 9" rears, pinion mount includes a 3" climber slot on an arc that provides quick adjustments, while helping keep car tracking straight.



Steel Quick-Change Pinion Mount WEHWM407

Rigid billet steel pinion mount moves the J-bar slot tight to the center section. Incorporates seal to eliminate the need for a seal plate. Includes hardware.



Steel Quick-Change Pinion Mount WEHWM419

Identical to the WEHWM219 pinion mount, yet machined with an incorporated seal, eliminating the need for a seal plate. Includes hardware.



Steel Quick-Change Pinion Mount WEHWM219

Manufactured from high-grade steel for maximum rigidity, single-sided pinion mount includes a climber on an arc that provides quick, easy adjustments, while helping keep rear end tracking straight.



Angled Pinion Mount with Climber WEHWM197

Specially angled pinion mount allows mounting Panhard bar at an angle off of the left side. Sold complete with climber hardware.



Adjustable J-Bars

Offered in D.O.M. (Drawn Over Mandrel) steel or lightweight, billet aluminum, J-bars may be adjusted up to 2" without disconnecting from chassis.



Part No.	Description
WEHWM4016-18	Aluminum Adjustable J-Bar, 12" Overall Body Length, 5-1/2" Adjuster, 16"-18"
WEHWM4018-20	Aluminum Adjustable J-Bar, 13.5" Overall Body Length, 5-1/2" Adjuster, 18"-20"
WEHWM4019-21	Aluminum Adjustable J-Bar, 13.5" Overall Body Length, 6-1/2" Adjuster, 19"-21"
WEHWM4020-22	Aluminum Adjustable J-Bar, 15.5" Overall Body Length, 5-1/2" Adjuster, 20"-22"
WEHWM4022-24	Aluminum Adjustable J-Bar, 15.5" Overall Body Length, 7-1/2" Adjuster, 22"-24"
WEHWM40S18-20	Steel Adjustable J-Bar, 13.5" Overall Body Length, 18"-20"
WEHWM40S19-21	Steel Adjustable J-Bar, 13.5" Overall Body Length, 19"-21"
WEHWM40S20-22	Steel Adjustable J-Bar, 13.5" Overall Body Length, 20"-22"
WEHWM40S22-24	Steel Adjustable J-Bar, 13.5" Overall Body Length, 22"-24"
WEHWM40SBODY-1	Steel Adjustable J-Bar, 13.5" Overall Body Length, 4" Drop Body NEW!

Center Pull Rear Trailing Arm **NEW!**

Engineered to offer extra axle tube clearance for an increased range of motion. Requires the desired 3/4" suspension tube to finish the trailing arm to length. Purchased separately, WEHWM442K allows mounting the trailing arm directly to the axle tube.



Part No.	Description
WEHWM441	Center Pull Rear Trailing Arm
WEHWM442K	Center Pull Axle Clamp Bracket Kit

Complete Puck-Style Pull Bar **NEW!** WEHWM460C

Open puck-style pull bar utilizes a long bronze bushing that eliminates any possibility of flex under load.



Over the Top Panhard Bar WEHWM220B

The ultimate in adjustability and strength. Includes body only.



Q-Jet Adapters

Precision-machined, 1" tall adapters allow mounting a Holley model 4412 500 CFM 2bbl. carburetor to a small block Chevy Quadrajet intake manifold. Adapters are specially tapered, placing carburetor over rear throttle bores. Straight-bore design is for Street Stocks.



Part No.	Description
WEHWM10Q500	500 2bbl.
WEHWM10Q500SB	500 2bbl., Straight Bore

Holley Adapters

Carb adapters allow installing a 2bbl. Holley carburetor on an intake manifold with a 4bbl. Holley bolt pattern. Precision machined, 1" tall adapters are slotted to provide perfect carb placement.



Part No.	Description
WEHWM206100	2bbl. Carburetor to 4bbl. Intake, Flared and Slotted
WEHWM206SB	2bbl. Carburetor to 4bbl. Intake, Slotted

GM "604" Crate Motor Carb Spacer **NEW!** WEHWM10604

Billet aluminum, 1/4" tall ported carb spacer provides added plenum volume to "604" crate motors, increasing bottom end torque when exiting the corners.



Traction Tuning Carb Spacer System

Carb spacer system allows having maximum horsepower and the ability to reduce power when traction goes away. Available in 1" or 2" tall versions, reducers are offered in 1-1/4" with 4% reduction, 1-1/8" with 7% reduction and 1" with 14% reduction.



WEHWM301-1.0

Part No.	Description
WEHWM301B	Spacer System Main Body, 1" Tall
WEHWM301-0	Open Insert for 1" Tall Spacer NEW!
WEHWM301-1.0	Bore Reduction Insert for 1" Tall Spacer, 1" Dia. NEW!
WEHWM301-1.125	Bore Reduction Insert for 1" Tall Spacer, 1.125" Dia. NEW!
WEHWM301-1.250	Bore Reduction Insert for 1" Tall Spacer, 1.250" Dia. NEW!
WEHWM301-1.450	Bore Reduction Insert for 1" Tall Spacer, 1.450" Dia. NEW!
WEHWM302B	Spacer System Main Body, 2" Tall
WEHWM302-0	Open Insert
WEHWM302-1.0	Bore Reduction Insert, 1" Dia.
WEHWM302-1.125	Bore Reduction Insert, 1.125" Dia.
WEHWM302-1.250	Bore Reduction Insert, 1.250" Dia.
WEHWM302-1.300	Bore Reduction Insert, 1.300" Dia.
WEHWM302-1.350	Bore Reduction Insert, 1.350" Dia.
WEHWM302-1.400	Bore Reduction Insert, 1.400" Dia.
WEHWM302-1.450	Bore Reduction Insert, 1.450" Dia.

Air Cleaner Nuts

Super-light nuts utilize an easy to grip design to allow easy installation or removal without the need for a wrench and are complete with an O-ring seal.



Part No.	Description
WEHWM27250	1/4" Nut
WEHWM273125	5/16" Nut

Suspension Set-Up Sticks WEHWM394

Set-up sticks allow setting ride or compression height to set up front suspension using WEHWM316-5X5 set-up plates. Adjustable from 14"-24" for precise setting. Sold per pair.



Vice Grip Shrinker Tool WEHWM409

Specialized tool is designed to provide an aggressive shrink on a double-fold 90° bend.



Ball Joint Remover WEHWM130-2

Tool adjusts from 5" to 7". Place between joint tips, apply pressure, and tap spindle to remove the ball joint.



Grand National Hub Socket WEHWM265

Billet construction Grand National Hub Socket accepts a 1/2" drive ratchet.



Wheel Well Compass WEHWM295

Tool installs directly into the axle after the cap is removed, and allows marking the desired radius around wheel wells prior to trimming. Helps provide the desired cutting radius for a truly professional appearance.

Interior Tin Tube Notcher

Notch interior tin quickly and easily. Available in 1-1/4", 1-1/2", and 1-3/4".

Part No.	Description
WEHWM2381250	1-1/4" Notcher
WEHWM238150	1-1/2" Notcher
WEHWM2381750	1-3/4" Notcher



Fuel Barrel Socket WEHWM233

Open 15, 30, and 55-gallon steel racing fuel drums with ease. Billet steel socket accepts a 1" wrench.



Panhard Bar Climber Adjuster Wrench WEHWM274

Narrow wrench allows for quick adjustments as it isn't necessary to loosen the bolt as much. Wrench is designed for adjustment purposes only and is not designed to tighten or loosen the bolt.



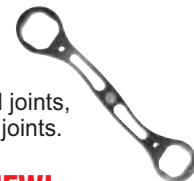
Rear End Drain Pan WEHWM330

Fully fabricated aluminum drain pan has a provision to not only drain the rear end lube, but also a spot to secure the rear cover, cover nuts, and drain plug wrench. A built-in pour spout with drain valve eases draining or filling.



Ball Joint Wrench WEHWM260

Install screw-in ball joints quickly and easily. One end of the wrench fits upper screw-in ball joints, while the opposite end fits lower screw-in ball joints.



Suspension Load Pull Stick 7" **NEW!**

Load stick bolts in place of the shock on a shock separate-type suspension, allowing springs to be changed with ease and accuracy. Also allows pulling the race car down to dynamic attitude to find suspension bind. May also be used with the car on jack stands to adjust compression loads. Choose from standard or ratcheting versions.

Part No.	Description
WEHWM414-7	Load Pull Stick 7"
WEHWM414-7-R	Ratcheting Load Pull Stick 7"



Auto Ultra Force with Side Unloader **NEW!**

The Ultra Force load rater can compress a spring/bump stop set-up down to 4,500 lbs. and retract a pull bar with up to 3,000-lb. capacity using a powerful electric motor. motor motion. Utilizing an automated touchscreen and precision CNC-machined components, unit allows running assemblies automatically, graphing the compression and rebound characteristics of spring assemblies, limit chain set-ups, and pull bars. Included side unloader attachment allows loading springs that are too tall to fit inside the main frame.

Part No.	Description
WEHWM430A-U	Auto Ultra Force with Side Unloader
Accessory Component	
WEHWM430-14-1	Spring Removal Cup, Thin

Rear End Measuring Tool **NEW!** [WEHWM448](#)

Tool snaps on axle tube, and includes a notch for edge of tube and axle centerline to allow easy measuring from rear end.

Spindle Checker **NEW!** [WEHWM449](#)

Tool, which screws directly onto 1/2" fine threaded upper ball joint, includes a plunger that points to the center of the lower ball joint if the spindle is straight. Covers 3-1/4"-5" measurements.

Mud Scrapers **NEW!**

Manufactured from high-strength 1/2" plastic.

Part No.	Description
WEHWM266SB	Mud Scraper with Long Reach Handle
WEHWM266SBS	Mud Scraper with Short 18" Handle

Rocker Arm Splash Guards [WEHWM42375](#)

Splash guards offer increased valve train longevity by directing oil from the pushrod down into the rocker balls and valve springs. Designed small block Chevy with 3/8" rocker studs. Sold in pairs complete with hardware.

SB Chevy EGR Intake Blockoff [WEHWM232](#)

Blockoff plate is required when eliminating EGR valve on small block Chevy intake manifold. Small rectangular design.

SB Chevy Fuel Pump Plate **NEW!** [WEHWM4](#)

Black anodized billet aluminum plate directly replaces the OEM fuel pump plate.

Crank Trigger Guard **NEW!** [WEHWM328](#)

Installs directly onto the crank trigger mount, enclosing the wiring and protecting it from rocks and debris.



Intake Divider [WEHWM74](#)

Divider separates water flow from side-to-side, improving cooling while reducing interference and back pressure. Use with aluminum or iron small block Chevy manifolds.



Thermostat Riser with Ports

Installs between the intake manifold and thermostat housing, allowing water lines to be routed to the rear of the intake, preventing vapor pockets from forming. Riser is 1" tall and is available with 1/4" or 3/8" ports.

Part No.	Description
WEHWM39250	Thermostat Riser, (2) 1/4" Ports
WEHWM39375	Thermostat Riser, (2) 3/8" Ports



Block-Mount Power Steering Bracket [WEHWM88](#)

Precision CNC-machined block-mount bracket affixes to small block Chevys and accepts Sweet-style power steering pumps. Sold complete with mounting hardware.



Extra-Long Bellhousing Dowel Pins [WEHWM51S](#)

Lightweight, gun-drilled dowel pins are 1-1/2" long. Sold per pair.



Spark Plug Wire Keepers [WEHWM15](#)

Stamped brackets mount to cylinder head or block, and prevent spark plug wires from dangling near headers. Sold in pairs.



3-Hole Panhard Bar Frame Mounts

Change Panhard bar length by 2-9/16" by just swapping bars out. Offered in steel or lightweight billet aluminum, mounts are available to fit 1-1/2" or 2" square tubing.

Part No.	Description
WEHWM62322	2" x 2" Panhard Bar Frame Mount, Aluminum
WEHWM62322S	2" x 2" Panhard Bar Frame Mount, Steel
WEHWM6231515S	1-1/2" x 1-1/2" Panhard Bar Frame Mount, Steel



Aluminum Arc Frame Mounts

Frame mounts attach to 1-1/2" or 2" square tubing, working with climber on arc to keep car tracking lined up. Mounts include 4-1/2" of total adjustment.

Part No.	Description
WEHWM212	2", One Slot on Centerline/One Slot Inboard
WEHWM222	2", One Slot on Centerline/One Slot LS of Tube
WEHWM212150	1-1/2", One Slot on Centerline/One Slot Inboard



Steel Arc Frame Mounts

Frame mounts include a slot that is 2-1/2" off the tube centerline and may be used on either side of the tube by simply flipping over. Available to mount to 1-1/2" or 2" square tubing.

Part No.	Description
WEHWM240150	Steel Arc Climbing Frame Mount, 1-1/2"
WEHWM24020	Steel Arc Climbing Frame Mount, 2"





Steel Double-Slot Frame Mount

Double-slot climber frame mount may be flipped either way to provide up to three options for J-bar lengths using a single mount. Mounts are available for 1-1/2" or 2" square tubing, and include hardware.

Part No.	Description
WEHWM271150	1-1/2"
WEHWM27120	2"



Aluminum Triple-Slot Arc Frame Mount WEHWM244

Frame mount fits 2" x 2" square tubing and includes one slot on center line of tube, one slot inboard and one slot outboard. Each slot offers 4-1/2" of adjustment. Mount works with climber on arc to keep car tracking lined up.



Steel Rear-Mounted Frame Mount WEHWM263150

Designed for use with rear Panhard bars, clamp-on frame mount attaches to 1-1/2" tube and includes an angled slot to keep rear end lined up. Includes necessary hardware.



Weld-On Rear Mount Panhard Bar Climber WEHWM282

Weld-on mount is engineered for use with Ford 9" rears using a 23" bar and features a single slot with 4" of adjustment to increase traction. Sold complete with climber hardware.



Frame Mount Back Nuts WEHWM212BN

Replacement back nut for Wehr's frame mounts. Sold per pair.



Shifter Setback Mount WEHWM146

Special shifter mount, designed for use with popular T-10 transmissions, aids driver's reach and comfort. Mount is set back the standard 4" and is also drilled for a 6" setback, if desired.



Tranny Yoke Plugs

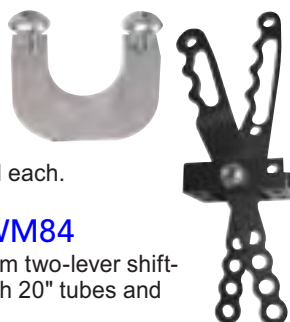
Machined aluminum plugs keep lubricant in and dirt out during transmission removal or storage. Plugs will fit many transmissions including GM 3- and 4-speeds.



Part No.	Description
WEHWM26S	Bert, Powerglide, TH-350, Muncie
WEHWM26B	TH-400, Jerico

Door Bar Plate Clamp WEHWM397

Approved for use at Eldora Speedway, clamps are used to secure door bar plate to door bar tubing. Includes 1/2" fasteners. Sold each.



Two-Lever Shifter WEHWM84

Precision-machined, billet aluminum two-lever shifter, without lock, is sold complete with 20" tubes and Heim ends.

Straight Shift Handle with Knob

NEW! WEHWM29179

Lightweight shift handle, complete with knob, is 5-1/2" tall.



Saginaw Shifter Arm **NEW!** WEHWM8

Billet shifter arm includes 3/8" threads, eliminating the need for a nut.



Fire Bottle Mounts

Rigid, lightweight mounts allow attaching a 4" or 5-1/4" dia. fire bottle to roll cage tubing. Sold per pair.



Part No.	Description
WEHWM140400T175	Fire Extinguisher Mount, 4" Dia. Bottle to 1-3/4" Tubing
WEHWM1405250T1250	Fire Extinguisher Mount, 5-1/4" Dia. Bottle to 1-1/4" Tubing
WEHWM1405250T1500	Fire Extinguisher Mount, 5-1/4" Dia. Bottle to 1-1/2" Tubing
WEHWM1405250T1500	Fire Extinguisher Mount, 5-1/4" Dia. Bottle to 1-3/4" Tubing
WEHWM1405250T1750	Fire Extinguisher Mount, 5-1/4" Dia. Bottle to 1-3/4" Tubing

Fuel Cell/Rear End Breather

Small breathers include a built-in anti-slosh feature, and are designed to attach directly to cell or rear end.

Part No.	Description
WEHWM253-6	Fuel Cell/Rear End Breather, -6AN
WEHWM253-8	Fuel Cell/Rear End Breather, -8AN



Trans/Rear End Breather Fitting **NEW!** WEHWM128B

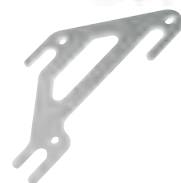
Breather includes a fitting that accepts a -4AN line.



Slide-In Rack Spacers

Aluminum spacers ease bump steer adjustments.

Part No.	Description
WEHWM150125	1/8" Thick Rack Spacer
WEHWM150250	1/4" Thick Rack Spacer
WEHWM150375	3/8" Thick Rack Spacer



Grand National Hub Dust Cap WEHWM248

Billet aluminum dust cap includes a square-cut O-ring for sealing.



Wide 5 Dust Covers

Covers include machined reliefs for spindle clearance on most wide five hubs.

Part No.	Description
WEHWM21	Wide 5 Dust Cover, Each
WEHWM21B	Wide 5 Dust Cover Aluminum Bolt, 7/16" x 3/4" Long, Sold Each
WEHWM21S55	Wilwood Starlite 55 Wide 5 Dust Cover, Sold Each



Wheel Cover Conversion Nut and Bolt Kits

Conversion nut and bolt kits allow converting wheel cover retention from traditional quick fasteners to 1/4"-20 or 5/16"-18 bolts. Offered in steel or lightweight aluminum, kits are sold individually.

Description	Alum. Kit Part No.	Steel Kit Part No.
1/4"-20 Kit	WEHWM377A	WEHWM377S
5/16"-18 Kit	WEHWM377A-312	WEHWM377S-312



Adjustable Throttle Pedal WEHWM111

Precision-engineered throttle pedal allows smooth, consistent, and reliable throttle operation. Fully adjustable assembly operates on bronze bushings and Delrin toe rollers, utilizing an 18° angled mount design.



Adjustable Throttle Pedal Stop WEHWM254

Designed to mount to the firewall, adjustable throttle pedal stop is 4" long with 3/4" fine threads for easy installation and adjustment.



Clamp-On Hood Pin Mounts

Clamp-on hood pin mounts attach directly to 1-1/4" or 1-1/2" round tubing and accept 1/2" hood pin. Hood pin must be purchased separately. Choose from standard or hinged-design mounts.



Part No.	Description
Standard Style	
WEHWM258125025	1-1/4" Tube, 2-1/2" Tall NEW!
WEHWM258125045	1-1/4" Tube, 4-1/2" Tall
WEHWM258125065	1-1/4" Tube, 6-1/2" Tall
WEHWM25815025	1-1/2" Tube, 2-1/2" Tall NEW!
WEHWM25815045	1-1/2" Tube, 4-1/2" Tall
WEHWM25815065	1-1/2" Tube, 6-1/2" Tall
WEHWM25815080	1-1/2" Tube, 8" Tall
WEHWM25815095	1-1/2" Tube, 9-1/2" Tall
WEHWM258175045	1-3/4" Tube, 4-1/2" Tall NEW!
Hinged Style	
WEHWM258125045H	1-1/4" Tube, 4-1/2" Tall
WEHWM258125065H	1-1/4" Tube, 6-1/2" Tall NEW!
WEHWM25815045H	1-1/4" Tube, 2-1/2" Tall NEW!

Lightweight Scuff Plate **NEW!** WEHWM201B

Hood pin scuff plate features a corrosion-resistant black finish.



Fender Washer Bolt Kit **NEW!** WEHWM323A

Kit features a smaller, 3/8" hex head bolt for reduced weight. Sold each.



Hood Pin without Flange WEHWM259NF

Lightweight, 1/2"-20 fine-thread hood pin lacks a flange.



Gun Drilled Hood Pins with Flange

Lightweight, 1/2"-20 fine-threaded hood pins include a machined flange for the hood to rest on, eliminating the need to put a rubber hose on the pin. Sold each.



Part No.	Description
WEHWM2592	Hood Pin with Flange, 2" Long
WEHWM2594	Hood Pin with Flange, 4" Long
WEHWM2595	Hood Pin with Flange, 5" Long
Related Component	
WEHWM201	Super Lightweight Hood Pin Scuff Plate

Modified Corner Nose Supports **NEW!**

Designed to prevent the front valance from folding under, lightweight aluminum supports include two slots that allow attaching bracing to the frame. Sold per pair, supports are offered in 1/8" or 3/16" thick aluminum.



Part No.	Description
WEHWM362-187	Modified Corner Nose Support, 3/16" Aluminum
WEHWM362K	Modified Corner Nose Supports, 1/8" Aluminum, Includes Fasteners

Universal Steering Column Mounts

Steering column mount utilizes a hinged design for maximum adjustability and lacks a Heim end to eliminate binding. Mount is 9-1/2" long, attaches to a 1-1/2" dash bar, and is for use with a 3/4" steering shaft.



Part No.	Description
WEHWM23634112C750	6-3/4" Long, 1-1/2" Bar, 3/4"-16 Heim Style, Collapsible
WEHWM23912112C750	9-1/2" Long, 1-1/2" Bar, 3/4" Thread, Collapsible NEW!
WEHWM23912112	9-1/2" Long, 1-1/2" Bar, Standard 3/4" Shaft Style

Steering Shaft Support

Bracket replaces weld-on tab in engine bay to mount steering shaft, allowing compatibility with virtually any exhaust headers. Brackets accept standard 3/4" steering Heim, purchased separately.



Part No.	Description
WEHWM2621250	1-1/4" Support Bracket NEW!
WEHWM262150	1-1/2" Support Bracket

Chevelle Lower Control Arm Bushings **NEW!**

Delrin lower control arm bushings, designed for 1968-72 Chevelle applications, provide smooth, friction-free suspension movement. Sold each, bushings include zerk fittings.



Part No.	Description
WEHWM433L	Chevelle Control Arm Bushing, Large Style
WEHWM433S	Chevelle Control Arm Bushing, Small Style

T-Bar Adjuster WEHWM411

Eases the adjustment of rear deck height. Adjuster fits 3/4" square, 16-gauge wall tube secured with a side bolt, or may be welded into the tube. Includes a 3-1/2" adjustment range.



Firewall Flange Bearing WEHWM102

Bearing has a lightweight aluminum flange and a .757" I.D.



Steel Narrow Double-Shear Bearing Suspension Cages

Among the strongest available, suspension cages utilize Quick Adjust Technology to simplify four-bar adjustment. Modular design eases repairs in the event of a crash. Heavy LR (Left Rear) model is designed for where increased left rear traction is desired, while a lightweight model is offered specifically for the RR (Right Rear). Sold complete with hardware and clamp rings. Choose from suspension cages with bearings or bronze bushings. Shock mounts sold separately.



Part No.	Description
WEHWM200NDS	Steel Narrow Double-Shear Bearing Suspension Cage
WEHWM200NDS-0	Steel Narrow Double-Shear Bearing Suspension Cage, "0" Index
WEHWM200NDS-H	Steel Narrow Double-Shear Bearing Suspension Cage, Heavy LR
WEHWM200CNS	Steel Narrow Double-Shear Bearing Suspension Cage, LR Brake Combo
WEHWM200NLWR*	Steel Narrow Double-Shear Bushing Suspension Cage, Lightweight RR
Related Components	
WEHWM200-6	Straight Shock Mount
WEHWM200-7	Angled Shock Mount, No Swivel
WEHWM200-7-1	Angled Shock Mount, 1" Drop
WEHWM200-8	Swivel Shock Mount
WEHWM200-12	Replacement Bearing, 3.008" Dia.
WEHWM200-8B	Shock Bolt for WEHWM200-8
WEHWM200-8S	Spacer for Swivel Clevis Shock Mounts
WEHWM200-3-500-S-F-1	Shock Plate, for "0" Index Cages, Double Slot, 1/2" Holes
WEHWM200-4-500-187-B-1	Top 4-Bar Plate, for "0" Index Cages, Double Slot, 1/2" Holes
WEHWM200-5-500-250-F-1	Bottom 4-Bar Plate, for "0" Index Cages, Double Slot, 1/2" Holes

* Signifies suspension cage with bronze bushings.

Aluminum Bearing Suspension Cages

Modular aluminum design offers unsurpassed adjustability and options to Dirt Late Models. Four-bar mounts are based on the standard 9" center-to-center spacing with plenty of holes to change indexing. Shock plates include 4", 5", 6", and 7" drop options. Sold complete with necessary hardware and clamp rings. Shock mounts are sold separately.



Part No.	Description
WEHWM300NDS-L	Narrow Double-Shear LR Suspension Cage
WEHWM300NDS-R	Narrow Double-Shear RR Suspension Cage

Quick Adjust Puck [WEHWM500QA](#)

Engineered for use on Wehr's suspension cages, puck eliminates the need for bolt removal, speeding suspension adjustments.



Double Shear Modular 2-Link Bracket [WEHWM400-4QA](#)

Engineered for modifieds with a two-link rear suspension, double shear modular quick-adjust bracket is complete with axle clamp, shock plate, double-shear plate, swivel shock mount, and necessary hardware.



Part No.	Description
WEHWM200-3-QA	Replacement Shock Plate, 1/2" Standard, 7" Drop, 3/4" Holes

IMCA 2-Link Brackets **NEW!**

Engineered to meet new IMCA rules for non-adjustable shock mounts, double-shear quick-adjust bracket is ideal for Sport Mods. Offered for 4", 5", or 6" shock drops.



Part No.	Description
WEHWM400-4-I-L-4	Left Rear 2-Link Bracket, 4" Drop
WEHWM400-4-I-L-5	Left Rear 2-Link Bracket, 5" Drop
WEHWM400-4-I-R-5	Right Rear 2-Link Bracket, 5" Drop
WEHWM400-4-I-R-6	Right Rear 2-Link Bracket, 6" Drop

Metric Extended Head Trailing Arm Bolt **NEW! [WEHWM326](#)**

Special fastener, designed exclusively for GM metric chassis, extends the hex end out of the frame rail, significantly easing installation of the lower trailing arm. Sold each.



Pinto Spindle/Front Metric Caliper Bracket [WEHWM303](#)

Modular, bolt-together caliper bracket attaches directly to Pinto spindle and accepts GM Metric brake caliper. Rigid 3/8" thick bracket can be used on the left or right side, helps provide increased brake stability and improved thread retention.



Superlite Clamp-On Caliper Bracket [WEHWM300-24](#)

Rigid, two-piece billet aluminum caliper bracket is engineered to clamp-on to the axle tube and accepts Wilwood Superlite caliper.



Steel Clamp-On Metric Caliper Brackets

Fabricated steel caliper brackets, which accept GM Metric calipers, are offered in weld-on and heavy-duty clamp-on versions.



Part No.	Description
WEHWM200-18L	Weld-On, Left Side
WEHWM200-18R	Weld-On, Right Side
WEHWM200-20HDL	Heavy-Duty, Clamp-On, Left Side
WEHWM200-20HDR	Heavy-Duty, Clamp-On, Right Side

Metric Caliper Spacer [WEHWM270](#)

Spacer is 1/4" thick and allows using narrow rotors with GM Metric calipers. Sold each.



Metric Front Pinto Caliper Bracket [WEHWM303F](#)

Hybrid bracket is designed to mount GM Metric caliper on the front side of a Pinto spindle to allow for shock placement. Sold each.



Steel Brake Floater [WEHWM200-16L](#)

Designed for left rear applications using a GM Metric caliper, brake floater features a dual-bearing design. Floater has a double-shear, 1/4" upper plate design, an upper rod with a 1" offset from the center line, and mounting holes that are 5-1/2" and 6-1/2" up from center.



Metric LR Steel Brake Floater **NEW!**

WEHWM200-16LSS

Manufactured for use on the left rear of applications with GM metric calipers, single-shear brake floater includes an upper rod that is offset 1" back from the center line, while the holes are 5-1/2" and 6-1/2" up from center. Sold complete with clamp rings.



Accessory Clamp **WEHWM431250**

Clamp attaches directly to 1-1/4" tube and may be used to attach a variety of items without the need for welding.



2" x 3" Rectangle Weight Mount

WEHWM1323

Billet aluminum bracket provides mounts for ballast on 2" x 3" frame rails. May also be used to attach other components to frame rails without welding.



Axle Tube Lead Clamp **WEHWM356**

Increase traction by attaching lead to the rear axle utilizing special axle clamp that is tapped 1/2"-13 on 5" and 6" bolt center spacing.



Shock Mount Extensions

Attaches directly to the existing shock mount on suspension, extending the shock 2". Sold complete with WEHWM148SL shock bolt.

Part No.	Description
WEHWM243	Aluminum
WEHWM243S	Steel



Inner Tie Rod Stud **WEHWM325**

Special stud replaces the stock inner tie rod, allowing 5/8" Heim ends to be used on both ends of the steering arm.



Dual-Bearing Spring Slider

Spring slider features a linear ball shaft bearing instead of a bushing and a shaft-stabilizing internal piston, providing the smoothest and most stable unit currently offered. Updated with a fine-threaded body for fine tuning. Available for use with 5" O.D. springs.

Part No.	Description
WEHWM251F	5" Dual-Bearing Spring Slider, 24" Extended
WEHWM251-2C	5" Dual-Bearing Spring Slider, 26" Extended, Coarse Thread NEW!
WEHWM251-2C-2.5	2-1/2" Dual-Bearing Spring Slider, 26" Extended, Coarse Thread NEW!
WEHWM251-2F	5" Dual-Bearing Spring Slider, 26" Extended Fine Thread

Replacement/Accessory Components

WEHWM251-3	Standard Length Replacement Shaft
WEHWM251-4	2" Longer Replacement Shaft
WEHWM251-5	Removable Spring Cup with Clip
WEHWM251-5-A	5" Spring Alignment Plate, for Use with Soft Rate Springs NEW!
WEHWM251-6	Spring Cup for Adjuster Nut Side
WEHWM251-8	Complete Lock with Bolt and Pin
WEHWM251-9	Rebuild Kit, Includes Seal, Piston, Bearing and Snap Ring
WEHWM251-15	Stack Spring Adapter for Slider
WEHWM251-23	2" Slider Shaft Extension NEW!
WEHWM252	Adjuster Slider Wrench, Aids Adjustment



5/8" Suspension Tubing **NEW!**

Machined from DOM steel for superior strength, tubes have 13/16" hex on each end for adjustment and are laser engraved with the length and thread direction. Choose from straight or bent tubes, which offer suspension cage clearance.

Part No.	Description	Part No.	Description
Straight Suspension Tubes		Bent Suspension Tubes	
WEHWM625T5	5" Suspension Tube	WEHWM625T11B	11" Suspension Tube
WEHWM625T6	6" Suspension Tube	WEHWM625T12B	12" Suspension Tube
WEHWM625T7	7" Suspension Tube	WEHWM625T13B	13" Suspension Tube
WEHWM625T8	8" Suspension Tube		
WEHWM625T12	12" Suspension Tube	Related Component	
WEHWM625T13	13" Suspension Tube	WEHWM450R	5/8" Jam Nut, RH Threads
WEHWM625T14	14" Suspension Tube		
WEHWM625T15	15" Suspension Tube		



5/8" Double Adjusters

Alloy steel, 5/8"-18 double adjusters are 4-1/4" long, offered with choice of left or right hand threads.

Part No.	Description
WEHWM245RHF	5/8"-18 LH Male x 5/8"-18 RH Female
WEHWM245LHF	5/8"-18 RH Male x 5/8"-18 LH Female



3/4" RH Male 1/2" LH Female

Double Adjuster **NEW!**

WEHWM750500A

The same 3/4"-16 RH male/1/2"-20 LH female adjuster used in the Wehrs Machine limit chain adjuster, unit may also be fitted to upper A-frames to simplify caster/camber adjustments.



5/8" High-Misalignment Spacers

Part No.	Description	Part No.	Description
WEHWM625250HM	1/4" Long	WEHWM625625HM	5/8" Long NEW!
WEHWM625375HM	3/8" Long	WEHWM625100HM	1" Long
WEHWM6251500HM	1/2" Long	WEHWM6251250HM	1-1/4" Long



3/4" Double Adjusters

Machined from stainless steel.

WEHWM40AL



Part No.	Description
WEHWM40A	Short, 2-1/2" of RH and LH Thread Length, 1/2" Center Hex Length, 5-1/2" Overall
WEHWM40AM	Medium, 2-1/2" of RH and LH Thread Length, 1-1/2" Center Hex Length, 6-1/2" Overall
WEHWM40AL	Long, 2-1/2" of RH and LH Thread Length, 2-1/2" Center Hex Length, 7-1/2" Overall

Adjustable Rack End **WEHWM202**

Aluminum rack end for standard rack shafts is specially slotted, allowing precise bump steer adjustments. Assembly bolts over the shaft and is secured with a 5/8" bolt.



Shock Pins

Pin eases shock absorber changes. Offered in steel or aluminum, pins are sold complete with diaper pin.

Part No.	Description
WEHWM48AL	Aluminum 2-3/8" Long
WEHWM48SM	Steel 1-7/8" Long



Tie Rod Tube for LH Heim Inner **NEW!**

WEHWM311HT

Replacement tube for the RF tie rod with a LH heim inner, 5/8" suspension tube has a 13/16" hex on each end and is approximately 16" long.



Dirt Late Model Lift Arm

Dirt Late Model lift arm features durable, billet aluminum two-piece construction. The bottom arm includes a mono ball bearing, while the top arm has a standard Heim with a double adjuster to ease adjustment. Lift arm has fifth coil mounts at varying dimensions from the center of the axle tube. Sold complete with rear end brackets and all hardware.



Part No.	Description
WEHWM315DS	Short Lift Arm, 5th Coil Mounts at 29", 31", 33", and 35"
WEHWM315DL	Long Lift Arm, 5th Coil Mounts at 35", 37", 39", and 41"

Lift Bar Strut Support Clamp

Clamp attaches to the rear end tube, allowing support strut to provide lateral support to the lift bar.



Quick-Adjust Limit Chain Mount

Perform chain adjustments in seconds. Quick-adjust limit chain mount allows quickly changing chain length by simply pulling a pin, moving the chain to the following hole, and then replacing the pin.

Part No.	Description
WEHWM2691250A	Aluminum Quick Adjust with Belleville Spring, 1-1/4"
WEHWM269150A	Aluminum Quick Adjust with Belleville Spring, 1-1/2"
WEHWM269150S	Steel Quick Adjust without Belleville Spring, 1-1/2"
WEHWM2691750A	Aluminum Quick Adjust with Belleville Spring, 1-3/4"
WEHWM2691750S	Steel Quick Adjust without Belleville Spring, 1-3/4"
WEHWM269RS	Replacement Belleville Stack
WEHWM2691250S	Steel Quick Adjust without Belleville Spring, 1-1/4" NEW!
WEHWM269BS	Steel Quick Adjust without Belleville Spring, Bolt-In NEW!
WEHWM269BSW	Steel Quick Adjust with Belleville Spring, Bolt-In NEW!



Limit Chain Frame Mount

Adjustable chain mount allows adjusting and aligning the chain without having to unhook it. Available to fit 1-1/2", 1-3/4", or 2" tube, frame mount is sold complete with clevis and adjuster.

Part No.	Description
WEHWM214150	1-1/2" Tube
WEHWM2141750	1-3/4" Tube
WEHWM21420	2" Tube



Clamps for Limit Chains

Part No.	Description
WEHWM2141250C	Replacement 1-1/4" Clamp NEW!
WEHWM214150C	Replacement 1-1/2" Clamp
WEHWM2141750C	Replacement 1-3/4" Clamp



Limit Chains

Part No.	Description
WEHWM314C	12" Limit Chain
WEHWM314S	12" Heat Shrink Sleeve for Chain



Steel Clevis 1/2"-13 Coarse Thread Female

Special clevis with 1/2"-13 coarse-threaded female threads is an effective way to attach a chain on stock lower Chevelle control arms. Simply drill a 1/2" hole in the arm, and bolt the clevis on for a rigid, double-shear mount.



Lower Control Arm Droop Mount

Clamp allows fastening a limit chain to 1-1/4" tube-style lower in double shear method.



Limit Chain Axle Clamp

Axle clamp installs on 3" diameter axle tubes with double shear tabs.



Limit Chain Holder with Bearing

Limit chain holder features a no-bind design, allowing the chain to remain free during suspension travel on the left rear. Sold complete with clamp rings.



Part No.	Description
WEHWM210AK	Aluminum Limit Chain Holder
WEHWM210SK	Steel Limit Chain Holder

[WEHWM210SK](#)

6th Coil Mount for 5" Spring

6th coil mount is manufactured using lightweight aluminum spring plates and is sold complete with a 5" diameter, 300-lb. rate AFCO coil spring.



Big Spring 6th Coil Mount

Aluminum 6th coil mount accepts 4" springs. Coil spring not included.

Combo 5th and 6th Coil Mount **NEW!**

Eliminates the need to have separate mounts when performing changes to fifth coil. Mount attaches to 1-1/2" round tubing, and includes (4) holes, 2" apart for fifth coil.



Suspension Travel Limiter Can

Lightweight aluminum can is engineered to conceal a bump stop, biscuit, or spring, hiding it from the eyes of the competition. Can is offered bare or complete with 600-lb. spring.



Part No.	Description
WEHWM291	Aluminum Can, Bare
WEHWM291-1	Aluminum Can, 1" Longer, Bare NEW!
WEHWM291350	Aluminum Can with 350-lb. Spring NEW!
WEHWM291500	Aluminum Can with 500-lb. Spring NEW!
WEHWM291600	Aluminum Can with 600-lb. Spring

Bump Stop Suspension Adjuster **NEW!**

Allows running bump stop package outside of shocks for quick tuning. Shaft slips apart once the upper bolt is removed from the chassis, allowing quick adjustments.



Small 5 Wheel Spacers **NEW!**

Lightweight aluminum, small 5 wheel spacers are offered in 1/2" or 1" thicknesses.

Part No.	Description
WEHWM143100	1" Thick
WEHWM143500	1/2" Thick



Aluminum Shock Mounts

May be used to mount shocks, 5th or 6th coil to 1-1/4" or 1-1/2", round tubing. Each mount is sold complete with WEHWM148SL shock bolt.

Part No.	Description
WEHWM2211250	1-1/4" Tube Standard, 2-1/4" Drop Mount
WEHWM2211250150S	1-1/4" Tube, 3-3/4" Drop Mount NEW!
WEHWM221150100	1-1/2" Tube 1" Extended 3-1/4" Drop Mount
WEHWM221150	1-1/2" Tube Standard 2-1/4" Drop Mount
Related Components	
WEHWM148SS	1/2"-13 x 2-1/4" Long Steel Shock Bolt
WEHWM148SL	1/2"-13 x 2-3/4" Long Steel Shock Bolt

Steel Shock Mount **NEW!**

WEHWM2211250S

May be used to mount shocks, or 5th or 6th coil to 1-1/4" round tubing. Sold complete with WEHWM148SL shock bolt.

Adjustable Shock Mount

NEW! WEHWM4461500

Adjustable mount allows fine tuning the cars dynamic attitude in 1/2" increments. Sold as a kit, complete with weld plates and hardware to fit 1-1/2" tubing.

Clamp-On

Swivel Shock Mounts

Steel mount allows shock mounting without the need for welding, while also allowing height adjustment. Sold complete with WEHWM200-8 shock swivel.

Part No.	Description
WEHWM3321250	Shock Mount, Attaches to 1-1/4" Tube NEW!
WEHWM3321500	Shock Mount, Attaches to 1-1/2" Tube

Lower Control Arm Shock Mounts **NEW!**

Weld-in mounts allow locating the shock lower on the control arm for more effective and increased suspension travel. Choose from mount that welds directly to lower ball joint ring on one side and 1-1/4" O.D. x .095" wall DOM tubing on the opposite side, or mount that welds to 1-1/4" O.D. x .095" wall tubing on both sides.

Part No.	Description
WEHWM371	Dropped Lower Control Arm Shock Mount, Single-Tube
WEHWM372	Dropped Lower Control Arm Shock Mount, Double-Tube

Universal Wide 5 Wheel Spacer

WEHWM144

Compatible with all Wide 5 wheels, 1" thick billet aluminum spacer includes 5/8"-11 studs.

Wide 5 Wheel Spacer

WEHWM186500

Spacer allows fine-tuning track width on race cars fitted with wide 5 hubs. Spacer is 1/2" thick.

5 x 5" Heavy Wheel Spacer

WEHWM143500S

Engineered to deliver increased traction at the left rear wheel, spacer is a hefty 18.5 lbs. and includes a 5 x 5" bolt pattern.

Note: Wheel spacer is NOT IMCA, USMTS, or USRA legal.

5" Coil-Over Kits **NEW!**

Kit combines a lightweight aluminum and plastic design that aligns the spring on the O.D. Includes a jam nut to prevent the adjuster nut from spinning.

Part No.	Description
WEHWM308B	5" Coil-Over Kit, Bilstein Shocks
WEHWM308P	5" Coil-Over Kit, Penske Shocks

5" Coil-Over Spring Adapter

NEW! WEHWM165B

Billet adapter allows converting 5" spring to 2-1/2" coil-over nuts. Included Torrington bearing eliminates spring twisting.

5" Weld-On Spring Cup

WEHWM284

Weld-on 2-1/2" tall spring cup with spring retainer bolt prevents 5" spring from leaving perch.

Clamp Ring for Spring Cup

WEHWM200-23

Heavy-duty steel, 1" clamp ring attaches to rear axle tube to retain a spring cup or other components.

5" Quick-Release

Swivel Cup and 1" Screw Jack

Quick-release swivel cup and screw jack are engineered to eliminate spring bind, allowing rotation and angular alignment. Patented SLIC Pin technology allows easy spring changes. Assemblies include swivel 5" spring with choice of short (2-1/2") or tall (4") cup and 4" or 6" tall x 1" diameter screw jack.

Part No.	Description
WEHWM2884S	Swivel 5" Spring Short Cup (2-1/2" Tall), 4" Long x 1" Screw Jack
WEHWM2884T	Swivel 5" Spring Tall Cup (4" Tall), 4" Long x 1" Screw Jack
WEHWM2886S	Swivel 5" Spring Short Cup (2-1/2" Tall), 6" Long x 1" Screw Jack
WEHWM2886S-5.5	Swivel 5-1/2" Spring Cup, 2-1/2" Short Cup, Includes 6" Long x 1" Screw Jack NEW!
WEHWM2886T	Swivel 5" Spring Tall Cup (4" Tall), 6" Long x 1" Screw Jack
WEHWM2886T-5.5	Swivel 5-1/2" Spring Cup, 4" Tall Cup, Includes 6" Long x 1" Screw Jack NEW!
WEHWM2886D	Swivel 5" Spring Cup, 2-1/2" Drop Bearing, 6" Long x 1" Screw Jack
WEHWM2888D-750	Swivel 5" Spring Cup, Drop Bearing, Includes 8" Long x 3/4" Screw Jack NEW!
WEHWM2886S-750	Swivel 5" Spring Short Cup (2-1/2" Tall), 6" Long x 3/4" Screw Jack
WEHWM2886T-750	Swivel 5" Spring Tall Cup (4" Tall), 6" Long x 3/4" Screw Jack
WEHWM2888T-750	Swivel 5" Spring Cup, 4" Tall Cup, Includes 8" Long x 3/4" Screw Jack NEW!
WEHWM2889D	Swivel 5" Spring Cup, 2-1/2" Drop Bearing, 9" Long x 1" Screw Jack
WEHWM2889S-5.5	Swivel 5-1/2" Spring Cup, 2-1/2" Tall Cup, Includes 9" Long x 3/4" Screw Jack NEW!
WEHWM2889T	Swivel 5" Spring Tall Cup (4" Tall), 9" Long x 1" Screw Jack
Related Components	
WEHWM2886B	Screw Jack Only, 6" Long x 1" Coarse Thread
WEHWM2889B	Screw Jack Only, 9" Long x 1" Coarse Thread



Short Spring Cup and Screw Jack

NEW! WEHWM304S-11

Short, 2-1/2" tall spring cup is complete with a 11" x 1" coarse thread screw jack.

10" Long Screw Jack Bolt **NEW!** WEHWM28810B-750

Screw jack includes 3/4"-10 coarse threads with SLIC pin.

Tall Extended Spring Cup and Screw Jack WEHWM304T-11

Designed for the left rear, 6" tall top cup includes an 11" screw jack to keep spring cup in place during suspension travel.

Swivel Spring Cup

Swivel-style spring cups are designed to allow rotation and provide angular alignment during spring travel. Available 2-1/2" tall drop bearing version is designed to help car gain side bite.

Part No.	Description
WEHWM285S	5" Swivel Spring Cup, 2-1/2" Short
WEHWM285T	5" Swivel Spring Cup, 4" Tall
WEHWM285D	5" Swivel Spring Cup, 2-1/2" Tall Drop Bearing

Screw Jack Jam Nuts

Precision-machined, 1" coarse-thread screw jack jam nuts are offered in aluminum or steel. Extended, 3" tall jam nut is designed for use on front screw jacks to clear the upper control arms. Nuts use an 1-1/8" wrench.

Part No.	Description
WEHWM4910A	Aluminum Jam Nut, 4-Pack
WEHWM4910S	Steel Jam Nut, 4-Pack
WEHWM4910ST	Steel 3" Tall Jam Nut, Eases Removal of Front Screw Jacks, Pair

Shock Mount Screw Jack WEHWM366100

9" long x 1" coarse thread screw jack includes a welded, narrow steel shock mount. Includes WEHWM148SS shock bolt.

Steel Clamp-On Screw Jack Mount

Allows mounting a 1" coarse thread screw jack without the need for welding. Mounts are offered for 1-1/2" and 1-3/4" tube. Screw jack sold separately.

Part No.	Description
WEHWM3681500	1-1/2" Tube
WEHWM3681750	1-3/4" Tube

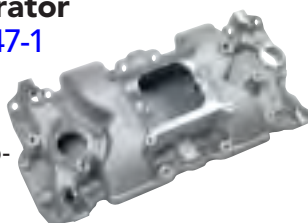
Clamp-On Chassis Mount **NEW!** WEHWM3871500

Steel, clamp-on heim mount attaches to 1-1/2" square tubing. Includes 5/8" bolt.



SB Chevy IMCA X-Celerator Intake Manifold WEI7547-1

Small block Chevy single-plane manifold is currently the only spec. aluminum manifold for IMCA's SportMod class. It is an option in the IMCA Stock Car class. Low-profile manifold has an open plenum and works well in the 2000-6500 RPM range. Square-bore carburetor flange.



SB Chevy Speed Warrior Intake Manifolds

Dual-plane, high-rise aluminum "Speed Warrior" intake manifolds feature an isolated runner design, which reduces intake charge temperatures for improved air flow and added horsepower. Permanent mold castings are precision CNC-machined. Manifolds offer exceptional horsepower in the 1500-6700 RPM range and include a square-bore carburetor flange.



Part No.	Description	Recommended RPM Range
WEI8501	1957-86 262-400; 1987-Up with Aluminum Heads	1500-6700
WEI8502	262-400 with 1996-Up Vortec Iron Heads	1500-6700

SB Chevy Team "G" Intake Manifolds

A premier competition manifold for single four-barrel applications, Team "G" 360° single-plane, open plenum-type manifolds are used extensively in circle track competition. Water cross-over passages have been isolated for superior cooling. For best results, the engine should be equipped with headers and a performance ignition system.



Part No.	Description	Recommended RPM
WEI7530*	262-400, 1957-86 and 1987-Up with Aluminum Heads, Power Ram	2800-7200
WEI7531	262-400, 1957-86 and 1987-Up with Aluminum Heads, Track Ram, 2" Raised Plenum	3000-8200
WEI7532	262-400, 1957-86 and 1987-Up with Aluminum Heads, Track Ram, 3/4" Raised Plenum	2800-7800

* NASCAR approved



JACOB POEL

WYNTER ROSE



SB Ford Stealth Intake Manifolds

Weiland's top-of-the-line, aluminum dual-plane manifolds make power from 1500 RPM all the way to 6800 RPM, combining the low-end throttle response of a 180° intake with the top-end power of a single plane. Extensive dyno testing has shown that Stealth manifolds work well with aggressive camshaft profiles, competition type headers, and high-performance, aftermarket ignition systems. Square-bore carburetor flange.



Part No.	Description	Recommended RPM Range
WEI8020	221-302	1500-6800 RPM
WEI8023	351W	1500-6800 RPM

Square Bore to Spread Bore Carburetor Sealing Plate

WEI9006

Use the sealing plate to bolt a square bore carburetor to a spread bore intake manifold with dual bolt pattern. Plate is 1/16" thick and includes gaskets.



Team "G" Water Pumps

Redesigned pumps provide ample flow of coolant under the most demanding race conditions. Adjustable pumps have slotted mounting holes and locking adjusters to adjust belt tension.

SB Chevrolet Short Water Pump

Fits 1968 and earlier short water pump applications. Has 5/8" fan snout.



Part No.	Description
WEI9222	Standard Aluminum Water Pump
WEI9223	Adjustable Aluminum Water Pump

SB Chevrolet Long Water Pump

Fits long water pump applications. Features twisted long-style snout design.



Part No.	Description
WEI9241	Standard Aluminum Water Pump



MIKE "OPIE" SPATOLA

STEVE DATEMA

Wide 5 XL Wheels

Light and extremely true, Wide Five XL wheels are cold forged from aluminum alloy with "Double-Wall" rim edges and upset-forged, "coined" lug holes. Fully polished to a show-quality finish.



Part No.	Size	Bolt Circle	Rear Spacing	Bead-Loc
WEL558-5013	15" x 10"	Wide 5	3.00"	None
WEL558-5014	15" x 10"	Wide 5	4.00"	None
WEL558-5015	15" x 10"	Wide 5	5.00"	None
WEL559-5214	15" x 12"	Wide 5	4.00"	None
WEL559-5254-6	15" x 12"	Wide 5	4.00"	Bead-Loc w/Cover
WEL559-5205-6	15" x 12"	Wide 5	5.00"	Non Bead-Loc w/Cover
WEL559-5215	15" x 12"	Wide 5	5.00"	None
WEL559-5225	15" x 12"	Wide 5	5.00"	Outer Bead-Loc
WEL559-5255-6	15" x 12"	Wide 5	5.00"	Bead-Loc w/Cover
WEL559-5313	15" x 13"	Wide 5	3.00"	None
WEL559-5315	15" x 13"	Wide 5	5.00"	None
WEL559-5413	15" x 14"	Wide 5	3.00"	None
WEL559-5423	15" x 14"	Wide 5	3.00"	Outer Bead-Loc
WEL559-5453-6	15" x 14"	Wide 5	3.00"	Bead-Loc w/Cover
WEL559-5414	15" x 14"	Wide 5	4.00"	None
WEL559-5454-6	15" x 14"	Wide 5	4.00"	Bead-Loc w/Cover
WEL559-5405-6	15" x 14"	Wide 5	5.00"	Non Bead-Loc w/Cover
WEL559-5405BC-6	15" x 14"	Wide 5	5.00"	Non Bead-Loc w/Black Cover

Part No.	Size	Bolt Circle	Rear Spacing	Bead-Loc
WEL559-5405NC-6	15" x 14"	Wide 5	5.00"	Non Bead-Loc/No Cover
WEL559-5415	15" x 14"	Wide 5	5.00"	None
WEL559-5425	15" x 14"	Wide 5	5.00"	Outer Bead-Loc
WEL559-5435	15" x 14"	Wide 5	5.00"	Inner Bead-Loc
WEL559-5455-6	15" x 14"	Wide 5	5.00"	Bead-Loc w/Cover
WEL559-5455BC-6	15" x 14"	Wide 5	5.00"	Bead-Loc w/Black Cover
WEL559-5455NC-6	15" x 14"	Wide 5	5.00"	Bead-Loc/No Cover
WEL559-5465-6	15" x 14"	Wide 5	5.00"	Inner Bead-Loc w/Cover
WEL559-5465BC-6	15" x 14"	Wide 5	5.00"	Inner Bead-Loc w/Black Cover
WEL559-5465NC-6	15" x 14"	Wide 5	5.00"	Inner Bead-Loc/No Cover
WEL559-5416	15" x 14"	Wide 5	6.00"	None
WEL559-5426	15" x 14"	Wide 5	6.00"	Outer Bead-Loc
WEL559-5456-6	15" x 14"	Wide 5	6.00"	Bead-Loc w/Cover



Wide 5 HS Wheels

A very strong wheel originally designed for East Coast Modifieds, HS Wheels are made from .190" thick, 5052-H32 aluminum. Cold-forged rim halves are lighter in the barrel, and thicker at the bead seat and bolt flange where strength is needed most. Wheels have "Double-Wall" rim edges and 10 upset-forged lug holes. No cut-in countersinks or steel inserts. Fully polished to a mirror-like finish.



Part No.	Size	Bolt Circle	Rear Spacing	Bead-Loc
WEL570-5053-6	15" x 10"	Wide 5	3.00"	Bead-Loc w/Cover
WEL570-5015	15" x 10"	Wide 5	5.00"	None
WEL570-5055-6	15" x 10"	Wide 5	5.00"	Bead-Loc w/Cover
WEL571-5215	15" x 12"	Wide 5	5.00"	None
WEL571-5225	15" x 12"	Wide 5	5.00"	Outer Bead-Loc
WEL571-5255-6	15" x 12"	Wide 5	5.00"	Bead-Loc w/Cover
WEL571-5415	15" x 14"	Wide 5	5.00"	None
WEL571-5425	15" x 14"	Wide 5	5.00"	Outer Bead-Loc
WEL571-5455-6	15" x 14"	Wide 5	5.00"	Bead-Loc w/Cover



Mud Covers

Prevent mud from building up inside of wheels. Available with natural aluminum or black finish.

Part No.	Description
WELP650-4514A-6	15" Fasten on 1-Pc. Mud Cover, New Style Aluminum Ultra Cover, Natural
WELP650B-4514A-6	15" Fasten On 1-Pc. Mud Cover, New Style Aluminum Ultra Cover, Black
WELP650-4600	Mud Cover Repair Kit, Includes (12) Quick Fasteners and (12) Washers



NICK KURTZ

STEVE DATEMA

Wide 5 XL and HS Wheels for East Coast Modifieds

Similar to traditional Weld Racing XL and HS wheels, but with a more rigid wheel and Bead-Loc design to hold up to the rigors common to East Coast Modifieds.



Part No.	Size	Bolt Circle	Rear Spacing	Bead-Loc
XL Series Wheels				
WEL558-5024M	15" x 10"	Wide 5	4.00"	Outer Bead-Loc
WEL559-5225M	15" x 12"	Wide 5	5.00"	Outer Bead-Loc
WEL559-5255M-6	15" x 12"	Wide 5	5.00"	Bead-Loc w/Cover
WEL559-5323M	15" x 13"	Wide 5	3.00"	Outer Bead-Loc
WEL559-5355M-6	15" x 13"	Wide 5	5.00"	Bead-Loc w/Cover
WEL559-5355MNC-6	15" x 13"	Wide 5	5.00"	Bead-Loc/No Cover
WEL559-5423M	15" x 14"	Wide 5	3.00"	Outer Bead-Loc
WEL559-5425M	15" x 14"	Wide 5	5.00"	Outer Bead-Loc
WEL559-5455M-6	15" x 14"	Wide 5	5.00"	Bead-Loc w/Cover
HS Series Wheels				
WEL570-5024M	15" x 10"	Wide 5	4.00"	Outer Bead-Loc
WEL571-5225M	15" x 12"	Wide 5	5.00"	Outer Bead-Loc
WEL571-5323M	15" x 13"	Wide 5	3.00"	Outer Bead-Loc
WEL571-5325M	15" x 13"	Wide 5	5.00"	Outer Bead-Loc
WEL571-5425M	15" x 14"	Wide 5	5.00"	Outer Bead-Loc



15" Bead-Loc Rings

Part No.	Description
WELP650-5275	15", 16-Hole Bolt-On Bead-Loc Ring (Slotted)
WELP650-5314-6	15", Bolt-On Bead-Loc Ring with Quick Fastener Flange (No Cover)
WELP650-5315-6	15", 16-Hole Bolt-On Bead-Loc Ring with Quick Fastener Mud Cover

Replacement Components

WELP650-3013	Bead-Loc Threaded Insert Kit (16 pcs.)
WELP650-4600	Mud Cover Repair Kit, Includes (12) Quick Fasteners and (12) Retaining Washers



Steel Driveshafts

Steel driveshafts are 2" diameter and offered in lengths from 29-1/2" to 39" long. The 29-1/2" to 33-1/2" long shafts, designed for IMCA/UMP dirt modifieds, are .083" wall, while the 35-1/2" and longer shafts, ideal for Dirt Late Models, are .095" wall. All driveshafts are painted white to meet most track rules. Sold complete with Spicer U-joints. Slip yoke not included.

Part No.	Length
WDSS283295	29-1/2"
WDSS283305	30-1/2"
WDSS283310	31"
WDSS283315	31-1/2"
WDSS283325	32-1/2"
WDSS283335	33-1/2"
WDSS295355	35-1/2"
WDSS295380	38"
WDSS295385	38-1/2"
WDSS295390	39"



TRAVIS STEMLER

Carbon Fiber Driveshafts for Dirt Late Models

Race proven by Shannon Babb, Jimmy Owens, and Billy Moyer, lightweight driveshafts are manufactured from 3-1/4" O.D. x .125" wall carbon fiber tube. Driveshafts include durable, forged 7075 aluminum yokes, permanent lube U-joints, precision balancing, and rule-legal white finish. Slip yoke not included.

Part No.	Length
WDSCF325355	35-1/2"
WDSCF325375	37-1/2"
WDSCF325380	38"
WDSCF325385	38-1/2"



Carbon Fiber Driveshafts for Modifieds and Crate Late Models

Ultra-lightweight driveshafts are well suited to IMCA/UMP Modifieds or Crate Engine Late Models with up to 500 horsepower, and include 2-1/4" O.D. x .125" wall carbon fiber tube with forged 7075 aluminum yokes and permanent lube U-joints. Approximately 1 lb. lighter than traditional steel units, carbon fiber driveshafts are precision balanced and include rule-legal white finish. Slip yoke not included.

Part No.	Length
WDSCF225320	32"
WDSCF225325	32-1/2"
WDSCF225380	38"



WILSON MANIFOLDS

SB Chevrolet CNC-Ported Victor Intake Manifold WLS128250

Small block Chevy competition-prepped manifold has CNC-blended, port-matched runners and recontoured dividers and plenum areas for maximum out-of-the-box performance. Independent dyno tests showed increases of as much as 24 horsepower over an unmodified Edelbrock manifold. Manifold has been port matched to Fel-Pro FEL1206 intake gasket. Accepts square flange carburetor.



Open and 4-Hole Carb Spacers

Aluminum carb spacers, designed for Holley 4150 models, increase low- and mid-range torque for circle track cars that spend a good deal of time at part throttle. Choose from open or NASCAR-legal four-hole style in lightweight hardcoated or economical SE Series.



Description	L/W Hardcoated Part No.	SE Series Part No.
Open Carb Spacer, 1" Tall	WLS000010	—
Open Carb Spacer, 1-1/2" Tall	WLS000030	—
Open Carb Spacer, 2" Tall	WLS000050	—
4-Hole Carb Spacer, 1" Tall, 1.750" Bore, Holley 850 CFM	—	WLS011111
4-Hole Carb Spacer, 1" Tall, 1.680" Bore, Holley 750 CFM	—	WLS011311

Compound Angle Tapered Carb Spacer WLS003150

Similar to other Wilson spacers, mounting surface has compound angle to position the carburetor downward to the front and driver's side. Spacer is 2" tall and keeps 4150 series carburetors level on Dirt Late Models where suspension is set to keep driver-side front corner as high as possible for best traction. With spacer, jets stay submerged, preventing fuel starvation and power loss. Fits Holley 4150 4bbl. applications.



Tapered Carb Spacers

Spacers are CNC-machined from billet aluminum, then hard-coated. Computer generated variable radius tapers boost carburetor air flow by as much as 100 CFM for increased torque and throttle response throughout the RPM range and as much as 20 more HP.



Part No.	Description
WLS004110	Holley 4150 Series Spacer, 1" Tall
WLS004130	Holley 4150 Series Spacer, 1-1/2" Tall
WLS004150	Holley 4150 Series Spacer, 2" Tall
WLS014210	Holley 390 CFM (1.55" Bore) Spacer, 1" Tall

2300 2bbl Carb Adapters

Tapered CNC-machined aluminum adapter adapts Holley 2300 2bbl. carb to manifolds with standard square flange. Tapered design allows efficient transition, preventing fuel mixture problems, and improving air flow.



Part No.	Description
WLS044111	2300 2bbl. Carb Adapter, 1" Tall
WLS044330	2300 2bbl. Carb Adapter, 1-1/2" Tall



GM "604" Crate Motor Carburetor

Dyno tested and tuned for use with the GM "604" small block Chevy 350 cu. in./400 horsepower crate motor. Carburetor uses a Holley HP main body, 750 baseplate assembly with stainless steel butterflies and bushed throttle shafts, and Willy's exclusive externally-adjustable metering blocks. A total performance package is also available for the "604" crate motor including carburetor, spacer, stud kit, gaskets, and spark plugs, that adds 22 dyno-proven horsepower.



Part No.	Description
WCD50127	GM "604" Crate Motor Carburetor
WCD604CRATE	GM "604" Total Performance Package

Equalizer Series 750 CFM 4bbl Racing Carburetors **NEW!**

Utilizing a lightweight, billet aluminum main body, Equalizer Series carburetors are designed to deliver maximum performance to GM crate and open race engines. Extensive dyno and race track testing was employed to achieve equal air/fuel ratios in each cylinder through the use of innovative, patent-pending boosters, which also allow the engine to run cooler and last longer by eliminating lean-running cylinders. Offered for gasoline, alcohol, or E85 applications, carbs are also available with high-capacity, billet aluminum "Super Bowls" float bowls.



Part No.	Description
Alcohol Carburetors	
WCD66041EQ	750 CFM Carburetor, GM "602" Crate
WCD66041EQ-SB	750 CFM Carburetor, GM "602" Crate, Super Bowls
E85 Carburetors	
WCD66043EQ	750 CFM Carburetor, GM "604" Crate
WCD66043EQ-SB	750 CFM Carburetor, GM "604" Crate, Super Bowls
Gasoline Carburetors	
WCD85252EQ	750 CFM Carburetor, CT 525 Crate
WCD85252EQ-SB	750 CFM Carburetor, CT 525 Crate, Super Bowls
WCD86022EQ	750 CFM Carburetor, GM "602" Crate
WCD86022EQ-SB	750 CFM Carburetor, GM "602" Crate, Super Bowls
WCD86042EQ	750 CFM Carburetor, GM "604" Crate
WCD86042EQ-SB	750 CFM Carburetor, GM "604" Crate, Super Bowls

2bbl Racing Carburetor **NEW!** [WCD44120A](#)

High-performance racing carburetor combines a 4412 Holley main body and Holley metering blocks with a gauge-legal 1-3/8" venturi and 1-11/16" throttle plates. For gasoline applications.

Note: This carburetor is ALL aluminum; please verify with your track/sanctioning body rules to ensure its legality prior to purchase.



4bbl HP Carburetors

Based on the Holley HP main body casting, the 4bbl. HP features externally adjustable metering blocks, custom-sized venturi, screw-in air bleeds, gloss black powder coating, and 750 or 850 CFM baseplate with stainless steel butterflies.



Part No.	Description
750 CFM Baseplate Carburetor	
WCD64002	Gasoline HP for 355-406 Cu. In. Engines
850 CFM Baseplate Carburetors	
WCD54001	Alcohol HP for 355-406 Cu. In. Engines
WCD54502	Gasoline HP for 406-430 Cu. In. Engines

4bbl Custom CNC Alcohol Carburetors

Custom CNC alcohol carburetors are based on Holley 750 CFM main bodies and use blue anodized, externally adjustable metering blocks, custom-sized venturi for different cubic inch engines, specially radiused air entries for maximum flow, throttle shaft lubrication holes, and screw-in air bleeds. Black epoxy powder-coated finish resists corrosion.



Part No.	Description
WCD64001	355-406 C.I. Engines
WCD64251	406-430 C.I. Engines

4bbl 4150 Alcohol Carburetor Rebuild Kit [WCDKIT-4AW](#)

Kit includes all of the gaskets, needle and seat assemblies, and small parts required to rebuild 4150 alcohol carburetors.



Adjustable Restrictor Plate [WCD8850](#)

For use with Holley 4150 series carburetors, 1" tall, shutter-style plate fits between carburetor and intake manifold, enabling horsepower and torque to be custom-tailored to track conditions. Billet aluminum plate is 1" tall and can be adjusted from 1.75" down to 1.00".





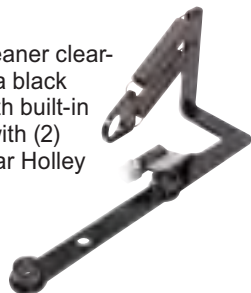
Float Bowl/Jet Tool [WCD3300](#)

All-in-one tool includes a 5/16" nut driver with built-in jet removing slot to allow quick removal of float bowl screws and jets.



Holley Throttle Return Kits

Engineered to provide maximum air cleaner clearance, bolt-on throttle return kit includes a black powder-coated throttle return bracket with built-in adjustable throttle stop. Sold complete with (2) throttle return springs. Offered for popular Holley 2- or 4-barrel carburetors.



Part No.	Description
WCD250	Holley 4bbl.
WCD251	Holley 2bbl.

Load-Regulated Fuel Pressure Regulators

Constructed from durable CNC-machined billet aluminum, fuel pressure regulators automatically adjust fuel pressure according to manifold vacuum, preventing performance-robbing flooding and stumbling. Both alcohol and gasoline regulators are available for mechanical or belt-driven applications. Anodized for corrosion resistance.

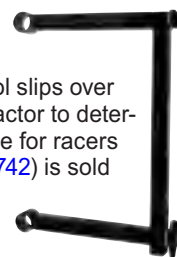


[WCD691](#)

Part No.	Description
WCD691	Alcohol Fuel Pressure Regulator, Mechanical Fuel Pump
WCD791	Alcohol Fuel Pressure Regulator, Belt Driven Fuel Pump
Related Component	
WCD690	Rebuild Kit for WCD691 or WCD791

Birdcage Indexing Tool

Tool makes a once tedious process easy. Tool slips over birdcage bolts and allows use of a digital protractor to determine the exact angle of the birdcage. Invaluable for racers and chassis builders. Digital protractor ([ALL10742](#)) is sold separately.



Part No.	Description
WCDBC12	Birdcage Tool for 1/2" Bolt
WCDBC58	Birdcage Tool for 5/8" Bolt

Carburetor Gasket Kits

Kits include gaskets for base-to-body, metering block(s), and float bowl(s) only.



Part No.	Description
WCDKIT-GASKET2	2bbl. 350-500 CFM
WCDKIT-GASKET4	4bbl. 750-850 CFM

Master Carburetor Rebuild Kits

Comprehensive kits include all of the gaskets and small components required for a complete carburetor rebuild. Each kit includes metering block, float bowl, base-to-body, float bowl screw, sight plug, squirter, and power valve gaskets along with pump diaphragm, umbrella, power valve, squirter needle, needle and seat, necessary O-rings, and vacuum caps.



Part No.	Description
WCDKIT-2A	2bbl 350-500 CFM Alcohol
WCDKIT-4AW-NONS	4bbl 750-850 CFM Alcohol
WCDKIT-4GW	4bbl 750-850 CFM Gasoline

DISC BRAKES wilwood

Billet Superlite 4 and 4/ST Lug-Mount Calipers

Featuring 3.50" centered lug mount with four pistons, the SL4 caliper is compatible with all Wide 5 and 5x5 style hubs. It has stainless steel or multi-part Thermlock pistons, SRS bridge wear plates, recessed crossover tubes, and bleed screws. Rear-mount applications only. Use 7420 type pads.



Part No.	Piston Diameter	Rotor Thickness	Mount	Crossover Tube	Bleed Screw Kit	Self-Bleed Tube	Square Ring Kit	Pad Type
Superlite 4/ST with Stainless Steel Pistons								
WIL120-11329	1.88"/1.75"	1.25"	Right Rear	WIL190-5975	WIL220-6069	—	WIL130-2427	7420
WIL120-11330	1.88"/1.75"	1.25"	Left Rear	WIL190-5975	WIL220-6069	WIL190-8310	WIL130-2427	7420

Forged Superlite 4R/6R Radial Mount Calipers **NEW!**

Redesigned with internal fluid ports that eliminate external fluid cross-over tubes, FSL 4R/6R calipers work exceptionally well on a variety of applications including asphalt short track, late model, modified, open wheel, road race, and rally. Two added bleed screw assemblies allow symmetrical piston bore models to be mounted on the right or left in the leading or trailing position. Black anodized for corrosion resistance.

Part No.	Description	Rotor Piston Diameter	Pad Thickness	Type
FSL 4R 4-Piston Calipers				
WIL120-13227	Right Mount	1.88"/1.75"	1.25"	7420
WIL120-13228	Left Mount	1.88"/1.75"	1.25"	7420
WIL120-13232	Left/Right Mount	1.25"/1.25"	1.25"	7420
FSL 6R 6-Piston Calipers				
WIL120-13235	Right Hand	1.62"/1.12"/1.12"	1.25"	7420
WIL120-13236	Left Hand	1.62"/1.12"/1.12"	1.25"	7420





Forged Billet Superlite (FSLI) Calipers

Forged billet Superlite (FSLI) calipers include stainless steel bridge plates, stainless steel or Ther-molock pistons, and high-temp, square-faced O-ring seals. Specify right (R) or left (L) when ordering. Use 7420 type pads.

Part No.	Piston Dia.	Rotor Thickness	Piston	Bleed Screw Kit	Bridge Bolt Kit	Square Ring Kit	Pad Type
Standard Piston Bore/Stainless Steel Pistons							
WIL120-11125	1.12"	.810"	—	WIL220-6069	WIL230-7539	WIL130-2579	7420
WIL120-11126	1.25"	.810"	—	WIL220-6069	WIL230-7539	WIL130-2479	7420
WIL120-11127	1.25"	1.25"	—	WIL220-6069	WIL230-7541	WIL130-2479	7420
WIL120-11128	1.38"	.810"	WIL200-7516	WIL220-6069	WIL230-7539	WIL130-2658	7420
WIL120-11129	1.38"	1.10"	WIL200-7516	WIL220-0627	—	WIL130-2658	7420
WIL120-11130	1.38"	1.25"	WIL200-7516	WIL220-6069	WIL230-7541	WIL130-2658	7420
WIL120-11131	1.62"	.810"	—	WIL220-0627	WIL230-7539	WIL130-4346	7420
WIL120-11133	1.62"	1.25"	—	WIL220-0627	WIL230-7541	WIL130-4346	7420
WIL120-11134	1.75"	.810"	WIL200-7531	WIL220-6069	WIL230-7539	WIL130-2655	7420
WIL120-11134-SI*	1.75"	.810"	WIL200-7531	WIL220-6069	WIL230-7539	WIL130-2655	7420
WIL120-11135	1.75"	1.10"	WIL200-7531	WIL220-6069	—	WIL130-2655	7420
WIL120-11136	1.75"	1.25"	WIL200-7531	WIL220-6069	WIL230-7541	WIL130-2655	7420
Differential Piston Bore/Stainless Steel Pistons							
WIL120-11329 (RH)	1.88"/1.75"	1.25"	WIL200-7531 (1.75")	WIL220-6069	WIL230-7541	WIL130-2427	7420
WIL120-11330 (LH)	1.88"/1.75"	1.25"	WIL200-7531 (1.75")	WIL220-6069	WIL230-7541	WIL130-2427	7420
WIL120-11137 (RH)	1.88"/1.75"	.810"	—	WIL220-0627	WIL230-7539	WIL130-2427	7420
WIL120-11138 (LH)	1.88"/1.75"	.810"	—	WIL220-0627	WIL230-7539	WIL130-2427	7420
Differential Piston Bore/Thermolock Pistons							
WIL120-11331 (RH)	1.88"/1.75"	1.25"	WIL200-7550/ WIL200-7551	WIL220-6069	WIL230-7541	WIL130-2427	7420
WIL120-11332 (LH)	1.88"/1.75"	1.25"	WIL200-7550/ WIL200-7551	WIL220-6069	WIL230-7541	WIL130-2427	7420

* Signifies side inlet which includes addition of center bridge bolts. + 3-1/2" mounting center.

Forged Billet DynaPro Lug-Mount Calipers

Designed for applications that previously used Dyalite model brake calipers. DynaPro calipers are stress-forged for exceptional strength and include a wide array of improvements. Calipers feature Quick-E-Clip pad retainers, which eliminate the need for caliper removal when replacing pads, while the heavy-wall stainless steel pistons slow heat transfer and resist corrosion. Internal fluid passages and four corner bleed screws allow mounting in front, rear, left, or right position. Calipers include a 5.25" mounting center. Use 7812 type pads.



Part No.	Piston Diameter	Rotor Thickness	Piston	4-Pc. Bleed Screw Kit	4-Pc. Square Ring Kit	Pad Type
WIL120-9691	1.75"	1.25"	WIL200-7528	WIL220-0627	WIL130-2655	7812
WIL120-9693	1.75"	.81"	WIL200-7528	WIL220-0627	WIL130-2655	7812
WIL120-9693-SI*	1.75"	.81"	WIL200-7528	WIL220-0627	WIL130-2655	7812
WIL120-9695	1.75"	.38"	WIL200-7528	WIL220-0627	WIL130-2655	7812
WIL120-9695-SI*	1.75"	.38"	WIL200-7528	WIL220-0627	WIL130-2655	7812
WIL120-9701	1.38"	1.25"	WIL200-7518	WIL220-0627	WIL130-2658	7812
WIL120-9703	1.38"	.81"	WIL200-7518	WIL220-0627	WIL130-2658	7812
WIL120-13406-SI*+	1.75"	.81"	WIL200-7528	WIL220-0627	WIL130-2655	7812

* Signifies side inlet which includes addition of center bridge bolts. + 3-1/2" mounting center

Dynapro Single Caliper WIL120-9690

Newest generation of calipers are designed to directly replace Dyalite Single series. CNC-machined billet aluminum calipers offer exceptional resistance to deflection and body separation under load. Calipers weigh just 2.3 lbs. Use 6812 type pads.



Part No.	Piston Dia.	Rotor Thickness	Rotor Dia.	Piston	Bleed Screw Kit	O-Ring Kit	Pad Type
WIL120-9690	1.50"	.380"	Up to 13"	WIL200-7518	WIL220-0627	WIL130-2658	6812

Forged Narrow-Mount Dyalite Calipers

Ideal for Late Models or Modifieds, exceptionally rigid FNDL calipers are engineered to reduce deflection, while the resulting decrease in fluid volume displacement translates to increased clamping efficiency and less pedal travel. A direct replacement for all previous NDL calipers and similar units with 3.50" centered mounting tabs. Calipers require 7816 type brake pads.

Part No.	Piston Dia.	Rotor Thickness	Piston	Square Ring Kit	Bleed Screw Kit	Pad Type
WIL120-11571	1.75"	.380"	WIL200-7531	WIL130-2655	WIL220-0627	7816
WIL120-11571-SI*	1.75"	.380"	WIL200-7531	WIL130-2655	WIL220-0627	7816
WIL120-11572	1.75"	.810"	WIL200-7531	WIL130-2655	WIL220-0627	7816
WIL120-11572-SI*	1.75"	.810"	WIL200-7531	WIL130-2655	WIL220-0627	7816
WIL120-11573	1.75"	1.25"	WIL200-7531	WIL130-2655	WIL220-0627	7816
WIL120-11574	1.38"	.380"	WIL200-7516	WIL130-2658	WIL200-0627	7816
WIL120-11575	1.38"	.810"	WIL200-7516	WIL130-2658	WIL200-0627	7816
WIL120-11576	1.38"	1.25"	WIL200-7516	WIL130-2658	WIL200-0627	7816
WIL120-11578	1.12"	.810"	—	WIL130-2579	WIL220-0627	7816
WIL120-15254	1.75"	1.00"	WIL200-7531	WIL130-2655	WIL220-0627	7816
WIL120-15255	1.38"	1.00"	WIL200-7516	WIL130-2658	WIL220-0627	7816

* Signifies side inlet.



Forged Billet Dynalite Calipers

Extensive testing has shown that the strength of forged billet yields a more efficient caliper, requiring less pedal travel. Forged billet Dynalite Calipers include SRS stainless steel bridge plates to prevent wear and pad rattle and may be mounted in any front, rear, right, or left position. Use 7112 type pads.



Part No.	Piston Diameter	Rotor Thickness	Piston	4-Pc. Bleed Screw Kit	4-Pc. Square Ring Kit	Body Seal	Pad Type
WIL120-6804	1.38"	1.25"	WIL200-7518	WIL220-0627	WIL130-2658	WIL210-2582	7112
WIL120-6805	1.38"	1.00"	WIL200-7518	WIL220-0627	WIL130-2658	WIL210-2582	7112
WIL120-6806	1.38"	.810"	WIL200-7518	WIL220-0627	WIL130-2658	WIL210-2582	7112
WIL120-6808	1.38"	.380"	WIL200-7518	WIL220-0627	WIL130-2658	WIL210-2582	7112
WIL120-6814	1.75"	1.25"	WIL200-7528	WIL220-0627	WIL130-2655	WIL210-2582	7112
WIL120-6815	1.75"	1.00"	WIL200-7528	WIL220-0627	WIL130-2655	WIL210-2582	7112
WIL120-6816	1.75"	.810"	WIL200-7528	WIL220-0627	WIL130-2655	WIL210-2582	7112
WIL120-6818	1.75"	.380"	WIL200-7528	WIL220-0627	WIL130-2655	WIL210-2582	7112

GM III Calipers

The GM III aluminum caliper is a result of the latest design and manufacturing to produce the most rigid, high-torque lightweight caliper. The real strength comes from its exclusive triple-bridge configuration, which provides a tremendous increase in clamping force over twin-bridge calipers. Efficient designs further maximize weight savings: Material is properly placed to fortify all load-bearing points and any material not contributing to strength is eliminated for weight reduction, resulting in a caliper that weighs just over three pounds. Use D52 style pads.



Part No.	Piston Diameter	Rotor Thickness	4-Pc. Bleed Screw Kit	Round O-Ring Kit	Pad Type
WIL120-5288	2.75"	.810"	WIL220-0627	WIL130-4955	D52
WIL120-5343	2.38"	.810"	WIL220-0627	WIL130-4956	D52
WIL120-5344	2.38"	1.250"	WIL220-0627	WIL130-4956	D52
WIL120-5861	2.75"	1.000"	WIL220-0627	WIL130-4955	D52

D154-R GM Metric Race Calipers

Forged aluminum calipers are fitted with stainless steel pistons and are engineered to offer a lower deflection rate and higher volumetric efficiency than heavy cast units. Calipers weigh just over 3 lbs., feature OEM Metric caliper height and offset, and accept standard Metric D154 brake pads. Choose from calipers with 2.00" or 2.50" pistons.



Part No.	Piston Dia.	Rotor Thickness	Rotor Dia.	Bleed Screw Kit	Pad Type
WIL120-14876	2.00"	1.04"	12.19"	WIL220-0627	D154
WIL120-13900	2.50"	1.04"	12.19"	WIL220-0627	D154

D154 GM Metric Dual-Piston Caliper **NEW!** WIL120-11873-RD

A direct bolt-on, lightweight forged aluminum caliper that is a superior alternative to stock cast iron units. Compatible with a wide range of GM applications from 1978-2002, caliper includes dual 1.62" dia. stainless steel pistons and is engineered for use with popular 12.19" dia. x .810" thick rotors. Caliper accepts standard Metric D154 brake pads. Pads include a corrosion-resistant, red powder-coated finish.



D154 GM Metric Front Caliper Kit **NEW!** WIL140-12097-BK

A direct bolt-on front caliper kit for 1978-2002 GM Metric applications that delivers substantially improved braking. Lightweight, forged aluminum calipers include a single 2.50" dia. stainless steel piston and OEM M10-1.5 banjo bolt brake line mounting. Kit is complete with black powder-coated calipers, high-performance BP-10 brake pads, and caliper bolts.



Iron GM Metric Calipers

Ideal for hobby and factory stock classes, cast iron calipers are bolt-on replacements for 1978-up GM units and offer modern machining and new part quality. Available with undersize (2.00") or oversize (2.75") stainless steel pistons for easy brake bias adjustment, calipers accept standard GM D154 brake pads. Special bleed screw and inlet fitting provisions allow use on right or left side. #WIL230-0619 caliper pin slide bolts are required for installation. Use D154 pad sets.

Part No.	Description	Piston Dia.	Rotor Thickness	Caliper Bolt Kit	Piston	O-Ring Kit	Pad Type
WIL120-8924	Oversize GM Metric Caliper	2.75"	1.00"	WIL230-0619	WIL200-6633	WIL130-4955	D154
WIL120-9333	Undersize GM Metric Caliper	2.00"	1.00"	WIL230-0619	—	WIL130-0777	D154
WIL120-16101*	IMCA-Approved GM Metric Caliper	2.50"	1.00"	WIL230-0619	—	—	D154

*Meets IMCA brake rules for Modifieds, Stock Cars, Hobby Stocks, Northern Sport Mods, and Southern Sport Mods.



WIL120-16101

D52-R Single Piston Floater Brake Calipers **NEW!**

Pure heavy-duty race calipers, manufactured using a lightweight, forged aluminum Type III hard anodized body fitted with a stainless steel piston, feature the original GM mounting configuration and accept standard D52 brake pads. Calipers offer a lower deflection rate and improved volumetric efficiency compared to heavier cast iron units. Sold each.

Part No.	Description	Rotor Piston Diameter	Pad Thickness	Pad Type
WIL120-15607	D52 Brake Caliper	2.38"	.810"	D52
WIL120-15608	D52 Brake Caliper	2.38"	1.00"	D52
WIL120-15609	D52 Brake Caliper	2.38"	1.25"	D52
WIL120-15610	D52 Brake Caliper	2.75"	.810"	D52
WIL120-15611	D52 Brake Caliper	2.75"	1.00"	D52
WIL120-15612	D52 Brake Caliper	2.75"	1.25"	D52



Caliper Fittings

Premium-quality caliper fittings are designed to fit and work the first time, every time.

Part No.	Description
WIL220-0627	Bleed Screw Assembly, 1/8"-27 (4-Pack)
WIL220-0628	Tube Adapter (4-Pack)



Radial Mount Caliper Bracket Kits

Part No.	Description	Center to Center Lug Mount Distance
WIL250-6309	FSL6R Bracket Kit, Mounts Forged Superlight Radial Calipers	3.50"
WIL250-14046	GN6R Bracket Kit, Mounts GN6R Radial Calipers	3.50"
WIL250-14048	GN6R Bracket Kit, Mounts GN6R Radial Calipers	6.00"



Caliper Shims

Use shims to adjust calipers for proper rotor positioning and clearance. Sold in packs of 10.

Part No.	Description
WIL240-4384	0.032" Thick, 3/8" I.D. Hole
WIL240-4385	0.032" Thick, 7/16" I.D. Hole
WIL240-4386	0.063" Thick, 7/16" I.D. Hole
WIL240-4387	0.015" Thick, 7/16" I.D. Hole



Caliper Bolt [WIL230-0542](#)

Sliding bolts fit GM calipers. The 7/16"-14 bolts are sold individually.



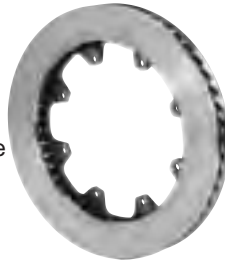
Tubular Caliper Bracket Spacer **NEW!** [WIL300-7639](#)

Required for spacing or offset changes on many caliper applications. Aluminum spacer is .420" long.



HD 48 Curved Vane Rotors

Manufactured from a proprietary iron alloy that is engineered to withstand extreme temperatures and provide resistance against distortion, warping, cracking, and wear. HD 48 Curved Vane Rotors are machined with less than .001" run-out, flatness, and parallelism.



Part No.	Mount	Rotor Thk.	Rotor Dia.	No. of Mt. Holes	Hole Type	Bolt Circle	Weight
WIL160-13497	RH	1.21"	11.75"	8	.316"	7.00"	10.4 lbs.
WIL160-13498	LH	1.21"	11.75"	8	.316"	7.00"	10.4 lbs.
WIL160-13499*	RH	1.21"	11.75"	8	.316"	7.00"	10.4 lbs.
WIL160-13500*	LH	1.21"	11.75"	8	.316"	7.00"	10.4 lbs.

* Signifies slotted.

HD Series Directional Vane Rotors

Spec-37 heavy-wall castings are ideal for Asphalt Late Models, modifieds, and other open-wheel race cars. HD Series rotors have directional cooling vanes for superior heat absorption and dissipation. Long-grain carbon iron rotors are exceptionally stable and durable.



Part No.	Mount	Rotor Thk.	Rotor Dia.	No. of Mt. Holes	Hole Type	Bolt Circle	Weight
WIL160-11835	RH	1.25"	12.19"	8	.313"	7.00"	12.7 lbs.
WIL160-11836	LH	1.25"	12.19"	8	.313"	7.00"	12.7 lbs.
WIL160-15877	RH	.990"	11.75"	8	.326"	7.00"	7.1 lbs.
WIL160-15879	LH	.990"	11.75"	8	.326"	7.00"	7.1 lbs.

GT-36/GT-48 Series Directional Vane Rotors

Superior heat absorption and dissipation make GT-36/GT-48 rotors ideal for professional motorsports. Cast from premium carbon iron for thermal stability, resistance to distortion, and extended life.



Part No.	Mount	Rotor Thk.	Rotor Dia.	No. of Mt. Holes	Hole Type	Bolt Circle	Weight
WIL160-4564	RH	1.25"	12.90"	12	.251"	8.75"	11.7 lbs.
WIL160-4565	LH	1.25"	12.90"	12	.251"	8.75"	11.7 lbs.
WIL160-11839	RH	1.25"	12.19"	8	.313"	7.00"	12.7 lbs.
WIL160-11840	LH	1.25"	12.19"	8	.313"	7.00"	12.7 lbs.
WIL160-12285	RH	.810"	11.75"	8	.325"	7.00"	9.0 lbs.
WIL160-12286	LH	.810"	11.75"	8	.325"	7.00"	9.0 lbs.
WIL160-12291	RH	.810"	12.19"	8	.325"	7.00"	9.6 lbs.
WIL160-12292	LH	.810"	12.19"	8	.325"	7.00"	9.6 lbs.
WIL160-12293	RH	.810"	12.19"	8	.325"	7.62"	9.3 lbs.
WIL160-12294	LH	.810"	12.19"	8	.325"	7.62"	9.3 lbs.

SRP Drilled and Slotted Rotors

Rotors incorporate a special directional cross-drill and face-slot pattern that is designed to improve brake response and pad performance during both light and heavy braking. Rotors are black electro-coated for corrosion resistance.



Part No.	Mount	Rotor Thk.	Rotor Dia.	No. of Mt. Holes	Hole Type	Bolt Circle	Weight
WIL160-7097-BK	RH	.810"	10.75"	6	.325"	6.25"	7.2 lbs.
WIL160-7098-BK	LH	.810"	10.75"	6	.325"	6.25"	7.2 lbs.



ANDREW SCHEID

MARCUS BERGLUND

Ultralight 32 Vented Rotors

Ultralight rotors are the popular choice for dirt track and lighter-duty pavement racing. Premium-grade, long-grain carbon iron provides excellent thermal stability, long life, and resistance to heat checking. UL-32 rotors are available with straight or directional vanes for improved cooling.



UL-32 Directional Vane Rotors

Part No.	Mount	Rotor Thk.	Rotor Dia.	No. of Mt. Holes	Hole Type	Bolt Circle	Weight
WIL160-2894	RH	1.25"	12.19"	8	.325"	7.00"	10.5 lbs.
WIL160-2895	LH	1.25"	12.19"	8	.325"	7.00"	10.5 lbs.
WIL160-2898	RH	1.25"	11.75"	8	.325"	7.00"	9.6 lbs.
WIL160-2899	LH	1.25"	11.75"	8	.325"	7.00"	9.6 lbs.
WIL160-2900	RH	1.25"	12.19"	8	5/16"-24	7.62"	10.1 lbs.
WIL160-2901	LH	1.25"	12.19"	8	5/16"-24	7.62"	10.1 lbs.

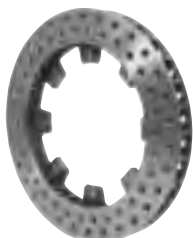
UL-32 Straight Vane Rotors

Part No.	Rotor Thk.	Rotor Dia.	No. of Mt. Holes	Hole Type	Bolt Circle	Weight
WIL160-0277	.81"	12.19"	8	.325"	7.00"	8.9 lbs.
WIL160-0471	.81"	11.75"	8	.325"	7.00"	8.1 lbs.
WIL160-0483	1.25"	11.75"	8	.325"	7.00"	8.8 lbs.
WIL160-3747	.75"	10.25"	6	.325"	5.50"	6.1 lbs.
WIL160-5840	.81"	11.00"	6	.325"	6.25"	7.9 lbs.
WIL160-5844	.81"	12.19"	8	5/16"-24	7.62"	8.8 lbs.



ULD-32 Drilled Straight Vane Rotors

Part No.	Rotor Thk.	Rotor Dia.	No. of Mt. Holes	Hole Type	Bolt Circle	Weight
WIL160-5863	.81"	11.75"	8	.325"	7.00"	7.2 lbs.
WIL160-5864	1.25"	11.75"	8	.325"	7.00"	7.7 lbs.
WIL160-5865	.81"	12.19"	8	.325"	7.00"	8.0 lbs.



ULS-32 Scalloped Straight Vane Rotors

Part No.	Rotor Thk.	Rotor Dia.	No. of Mt. Holes	Hole Type	Bolt Circle	Weight
WIL160-8135	.81"	11.75"	8	.325"	7.00"	5.4 lbs.
WIL160-8136	.81"	12.19"	8	.325"	7.00"	5.9 lbs.
WIL160-8343	1.25"	11.75"	8	.325"	7.00"	5.8 lbs.
WIL160-8814	1.25"	11.75"	8	.325"	7.00"	6.7 lbs.
WIL160-12041	1.25"	11.75"	8	.325"	7.00"	5.4 lbs.
WIL160-13373	.810"	11.75"	8	.325"	7.00"	5 lbs.



HP Racing Rotors for OE Spindles

Designed exclusively for Modifieds, Street Stocks, and other hobby classes, rotors are approved by IMCA, UMP, USCS, and USMTS. Cast from a proprietary iron alloy to offer improved strength and durability, rotors are fitted with bearing races and 5/8" coarse thread studs on a 5 x 5" bolt circle. Hub installation kits are also available, complete with inner and outer wheel bearings, hub seal, spindle nut, tab washer, cotter pin, and dust cap.

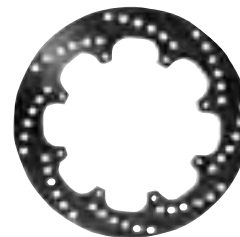


Part No.	Description
WIL370-9537	Hub Installation Kit for WIL160-9239 Rotor
WIL370-9545	Hub Installation Kit for WIL160-9240 Rotor

Drilled Steel Rotors

High-strength steel alloy rotors offer greater resistance to warping and are drilled to reduce rotating unsprung weight.

Part No.	Rotor Thk.	Rotor Dia.	No. of Mt. Holes	Hole Type	Bolt Circle	Weight
WIL160-0495	.31"	12.00"	8	5/16"-24	7.62"	4.6 lbs.
WIL160-0525	.35"	12.00"	8	.325"	7.00"	5.4 lbs.



Dynamic-Mount Drilled Steel Rotor

The most effective method of eliminating thermal stress and distortion, dynamic-mounted rotors are machined to accept special bolts and T-nuts, which allows the rotor to expand and contract independently of the mounting hub or hat.

Part No.	Rotor Thk.	Rotor Dia.	No. of Mt. Holes	Hole Type	Bolt Circle	Weight
WIL160-9772*	.350"	11.75"	8	.325"	7.00"	4.1 lbs.

* To mount this rotor on a 5/16"-18 threaded hat or hub, use bolt and T-nut kit WIL230-5308.



Rotor Bolt Kits

Bolt kits fasten rotors to hubs or hats. All bolts are lock wire drilled, unless specified.



WIL230-0150

Part No.	Description
WIL230-0150	Socket Head, Threaded Rotors, (8) 5/16"-24 x .750"
WIL230-0526	Hex Head, Wide 5/Threaded Hats, (8) 5/16"-18 x 1.00" (Not Lock Wire Drilled)
WIL230-4572	Stainless Steel, GT Hats, (12) 1/4"-20 x 1.00"
WIL230-8008	Stainless Hat/Rotor Bolt Kit, (12) 1/4"-20 x 0.750" 12-Pt Bolts

Dynamic Mount Kits

WIL230-14845	(8) 5/16"-24 Hex Head x 0.750" Bolts with T-Nuts
WIL230-14844	(8) 5/16"-24 Hex Head x 0.750" Bolts with T-Nuts
WIL230-10800	(9) 1/4"-28 Hex Head x 0.625" Bolts with T-Nuts NEW!
WIL230-6656	(12) 1/4"-28 12-Pt. Head x 0.750" Bolts with T-Nuts NEW!

Starlite "55" Wide 5 Racing Hubs

Aluminum hubs are light and exceptionally strong. Natural or corrosion-resistant black finish.



Part No.	Application	Offset	Finish	Studs
WIL270-6513BC	5-Bolt	Standard	Black	5/8" Coarse
WIL270-6513C	5-Bolt	Standard	Aluminum	5/8" Coarse
WIL270-6513D	5-Bolt	Standard	Aluminum	5/8" Coarse/Drilled
WIL270-6513BD	5-Bolt	Standard	Black	5/8" Coarse/Drilled
WIL270-6735C	Snap-Cap Front	Standard	Aluminum	5/8" Coarse
WIL270-6735D	Snap-Cap Front	Standard	Aluminum	5/8" Coarse/Drilled
WIL270-6735BD	Snap-Cap Front	Standard	Black	5/8" Coarse/Drilled

Starlite "55XD" Wide 5 Racing Hubs

Engineered as a redesign of the original Starlite "55", the "55XD" features unsurpassed strength without adding significant weight. Wide 5 hub weighs just over 7 lbs., and uses a bolt-on rotor mount plate to aid overall strength. Hubs feature a corrosion-resistant black E-coat finish.



Part No.	Application	Offset	Finish	Studs
WIL270-12111C	5-Bolt	Standard	Black	5/8" Coarse
WIL270-12127C	Snap-Cap Front	Standard	Black	5/8" Coarse

Wheel Bearings/Seals

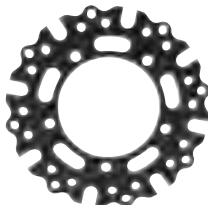
Bearings and seal kits can be used with the Starlite, Starlite "55", and most other brands of Wide 5 Hubs.



Part No.	Description
WIL370-0563	Bearing and Seal Kit, Starlite/Starlite "55" Hubs
WIL370-0879	Bearing Cone, Inner, LM67048 NEW!
WIL370-6885	Bearing, Seal and Locknut Kit, Starlite/Starlite "55" Hubs
WIL380-0885	Seal, 1.94" I.D. x 2.50" O.D. x 2.50" W, Ford Granada Hubs NEW!
WIL380-0927	Seal, 1.75" I.D. x 2.50" O.D. x 2.50" W, Wilwood Hubs NEW!

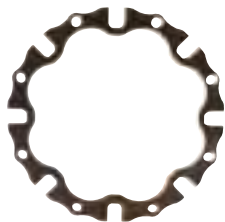
Rotor Mount Plate [WIL300-11211](#)

Required when using Starlite "55XD" Wide 5 racing hubs with popular 8 x 7" bolt circle rotors.



Wide 5 Racing Hub Dynamic Rotor Mount System

"Floating" rotor mounts eliminate damaging heat-related stresses at the rotor mount tabs and bolt stands. Different thermal expansion rates of iron and aluminum distort rotors, causing uneven pad build-up, excessive rotor wear, and pulsing pad knock-back. The high-strength steel mounting plates bolt solidly to the hubs with specialized mounting bolts and "T"-nuts. Use with any eight on 7.00" bolt pattern rotors with 5/16" bolt holes.



[WIL300-8431](#)

Part No.	Description
WIL300-8431	Rotor Mounting Plate for Machined Wide 5 Hubs, Each
WIL300-14294*	Zero Offset Rotor Mounting Plate for Wide 5 Hubs, Each NEW!

***Requires [WIL230-10483](#) Dynamic mount bolt kit and [WIL230-8390](#) Adapter to hub bolt kit.**

Studs

Studs are 5/8" diameter and will stand up to the most punishing race conditions. Studs have .680" knurl diameter to fit Wilwood Wide 5 hubs. Sold individually.



Part No.	Description
WIL230-10989	5/8" Dia., Coarse Thread
WIL230-10990	5/8" Dia., Drilled for Wide 5 Hubs

Wide 5 Wheel Spacer [WIL270-2189C](#)

Eliminates the expense of stocking multiple wheel offsets. Provides 2" positive wheel offset for fine tuning of chassis. Triangulated for maximum strength and rigidity, and 50% lighter than other wheel spacers, at 4 lbs. total weight. Coarse 5/8" studs are included.



5 x 4.5"/4.75"/5.0" Wheel Spacer **NEW!** [WIL300-11961](#)

High-strength alloy steel wheel spacer and hub protector, which is .197" thick, fits 5 x 4-1/2", 5 x 4-3/4" and 5 x 5" bolt patterns.



Drive Flanges

High-strength billet 7075 aluminum flanges are splined to fit Allstar or similar-style axles.



Part No.	Description
5-Bolt Drive Flanges for Starlite "55" Hubs	
WIL270-6732	Standard Drive Flange with Bolts, Black
WIL270-6733	Lightweight Drive Flange with Bolts, Silver
WIL270-6918	Dust Cap for 5-Bolt
WIL270-13213	Black Anodized, Sealing Boss with O-Ring, with Bolts
WIL270-16183	Lightweight Drive Flange, Silver, Offers up to 2" of Misalignment NEW!
8-Bolt Drive Flanges for Starlite Hubs	
WIL230-1378	Mount Bolt Kit, 8-Pack (Drilled for Safety Wire)
WIL270-2265	Dust Cap for 8-Bolt
WIL270-2290	Gold Anodized Flange
WIL270-2290B	Black Anodized Flange
WIN5144	Flange Gasket

Front Hub Caps

Part No.	Description
WIL270-6913	Snap-Cap Composite Hubcap, Starlite "55" Hubs
WIL270-9498*	Starlite "55" Front Dust Cap, Bolt-On



*** Bolt-on dust cap for Starlite "55" rear hubs allows use as a front hub.**



RUSTY SCHLENK

STEVE DATEMA

WIL340-13574

Pedal Assemblies

A non-slip pad is installed on each pedal, and both the pedal and base are coated with a corrosion-proof finish. A spherical pivot bearing in the center of the bar, superior balance bar, and clevis ensure proper pushrod alignment. Master cylinders must be purchased separately.



Single Pedal/Single Master or Clutch Cylinder Assemblies

Part No.	Description
WIL340-13574	Reverse Swing Mount Assembly, Reverse Mount M/C, 6.0:1 Ratio, 12.02" Pedal Length
WIL340-13833	Floor Mount Assembly, Forward Mount M/C, 6.0:1 Ratio, 9.63" Pedal Length
WIL340-13834	Swing Mount Assembly, Forward Mount M/C, 7.0:1 Ratio, 12.1" Pedal Length

Single Pedal/Dual Master Cylinder Assemblies

WIL340-12509	Reverse Swing Mount Assembly, Reverse Mount M/C, 6.25:1 Ratio, 11.71" Pedal Length
WIL340-13831	Floor Mount Assembly, Forward Mount M/C, 6.0:1 Ratio, 9.6" Pedal Length
WIL340-13832	Swing Mount Assembly, Forward Mount M/C, 7.0:1 Ratio, 12.11" Pedal Length
WIL340-13837	Reverse Swing Mount Assembly, Reverse Mount M/C, 5.0:1 Ratio, 10.02" Pedal Length

Dual Pedal/Triple Master Cylinder Assemblies

WIL340-11295	Swing Mount Assembly, Forward Mount M/C, 6.25:1 Ratio, 12.05" Pedal Length
WIL340-11299	Reverse Swing Mount Assembly, Reverse Mount M/C, 6.25:1 Ratio, 11.89" Pedal Length
WIL340-13835	Reverse Swing Mount Assembly, Reverse Mount M/C, 5.0:1 Ratio, 10.02" Pedal Length
WIL340-13836	Reverse Swing Mount Assembly, Reverse Mount M/C, 6.25:1 Ratio, 11.89"/10.02" Pedal Lengths

Triple Pedal/Triple Master Cylinder Assemblies

WIL340-12410	Floor Mount Assembly, Forward Mount M/C, 5.25:1 Ratio, 10.66" Pedal Length
WIL340-12411*	Floor Mount Assembly, Forward Mount M/C, 5.25:1 Ratio, 10.66", Includes Throttle Link

Replacement Components

WIL340-1757	Balance Bar Assembly Only
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* Includes throttle link.

Tru-Bar Pedal Assemblies

Tru-Bar balance bar pedal assemblies use a fixed trunnion bearing in the pedal arm with spherical Heim-end pushrod attachments to deliver precise control of brake bias adjustment. Assemblies include a large 7/16"-20 bar for quick adjustments with a shouldered 3/8" end that may be attached to a standard remote adjuster cable. Master cylinders must be purchased separately.



WIL340-15072

Part No.	Description
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Single Pedal/Dual Master Cylinder Assemblies

WIL340-15076	Swing-Mount Brake Pedal, Reverse-Mount M/C, 5.1:1 Ratio, 10.14" Pedal Length
WIL340-15077	Swing-Mount Brake Pedal, Reverse-Mount M/C, 6.25:1 Ratio, 11.88" Pedal Length
WIL340-15078	Floor-Mount Brake Pedal, Forward-Mount M/C, 6.0:1 Ratio, 9.6" Pedal Length
WIL340-15079	Swing-Mount Brake Pedal, Forward-Mount M/C, 7.0:1 Ratio, 12.12" Pedal Length

Dual Pedal/Triple Master Cylinder Assemblies

WIL340-15072	Swing-Mount Assembly, Forward-Mount M/C, 6.25:1 Ratio, 12.07" Pedal Length
WIL340-15073	Swing-Mount Assembly, Reverse-Mount M/C, 5.0:1 Ratio, 10.14" Pedal Length
WIL340-15074	Swing-Mount Assembly, Reverse-Mount M/C, 6.25:1 Ratio, 11.88" Pedal Length
WIL340-15075	Swing-Mount Assembly, Reverse-Mount M/C, 6.25/5.1:1 Ratios, 11.88"/10.02" Pedal Lengths

Tandem Brake and Clutch Pedal Assemblies

These swing-mount pedal assemblies feature a lightweight aluminum frame, with high-strength reinforced I-Beam style forged pedal arms, 6.25:1 or 7.00:1 ratio and fit most tandem with 3.25" horizontal bolt spacing. The non-skid, waffled pedal pads can be adjusted laterally for driver preference or clearance as necessary.



Part No.	Description
WIL340-14360	6.25:1 Ratio
WIL340-14361	7.00:1 Ratio

Brake Pedal Replacement Parts

Part No.	Description
WIL330-11280	Brake or Clutch Pedal Pad, Aluminum
WIL330-12750	Balance Bar Rod, New Style, 3/8"-24 x 4.88" Long, with Spherical Bearing NEW!
WIL330-13830	5/16"-24 Female Rod End, 3/8" Ball I.D., for Trunnion Style Balance Bars NEW!

WIL330-11280



Pedal Remote Master Cylinder Mount WIL340-4630

Ideal for dirt modifieds where the master cylinder must be mounted in a remote location due to space constraints. Cast aluminum housed unit is typically mounted to the left side chassis rail and includes a balance bar to control two standard-mount master cylinders with remote-mounted reservoirs. Unit weighs just 1.8 lbs. and is sold complete with adjuster knob.



Remote Brake Bias Adjuster WIL340-4990

When used with a balance bar, unit allows adjustment of front-to-rear brake bias to suit changing race conditions. Bright blue knob includes special detent control for easy driver adjustment. Sold complete with 5' cable, housing, and two label faces for front-to-rear or rear-to-front adjustments. Unit has 3/8"-24 threads to fit Wilwood and most popular brake balance bars.



Clutch Pedal Kits

Lightweight clutch pedal kits are offered in floor- or swing-mount versions. All-in-one kits are sold complete with forged adjustable clutch pedal assembly, 3/4" bore integral reservoir master cylinder, universal pull-type slave cylinder, and required hardware.



Part No.	Description
WIL341-15169	Floor-Mount Clutch Pedal Kit, 6.0:1 Ratio, 9.63" Pedal Length
WIL341-15170	Swing-Mount Clutch Pedal Kit, 7.0:1 Ratio, 12.1" Pedal Length
Replacement Component	
WIL330-13192	Clutch Clevis Only

Balance Bar Assembly

NEW! WIL340-4745

Replacement assembly may be used to replace damaged or worn Wilwood standard balance bars, or replace early model units that lacked the detent assembly. May be locked in place with the included jam nut, or used with an optional remote cable or adjustment knob for on-track adjustments.



Tru-Bar 60° Pedal Mount **NEW!**

WIL340-14380

Designed exclusively for applications where the master cylinders must be mounted in a remote location from the pedal, such as Dirt Modifieds. Tru-Bar balance bar utilizes a fixed trunnion bearing in the pedal arm with spherical rod ends at the pushrod connections for the ultimate in precision bias adjustment, control, and fine tuning on vehicles using twin brake master cylinder systems.



Slave Cylinder **WIL260-1333**

Aluminum slave cylinder's pull rod has longer travel for full release of clutch and a 7/8" bore x 1.25" stroke.



Part No.	Description
Replacement Component	
WIL260-5524	Slave Cylinder Rebuild Kit

Knob Style Proportioning Valve

WIL260-10922

Adjustable proportioning valve features a fine-threaded adjuster for precise pressure adjustments from 100-1,000 PSI. Unit can deliver up to 57% reduction in line pressure. Compact, lightweight assembly has 3/8"-24 ports and dual mounting holes to ease installation. May be used to adjust front-to-rear, side-to-side, or single-wheel brake bias.



Lever-Style Proportioning Valve

WIL260-8420

Adjustable valve delivers precise pressure, 100 to 1,000 PSI. Compact, forged aluminum valve can reduce in line pressure by as much as 57% at full release. Easily mounted with two .250" dia. holes on 1.00" centers. Includes 1/8" NPT inlet and outlet ports and 1/8" NPT to 3/8"-24 brake line adapters.



Hand Brake Lever Assemblies

Provides a lightweight, high-leverage application for the brakes of drift cars, and rally cars where hand activation of one or more brake calipers is required. May be configured as stand-alone circuits with dedicated reservoirs and auxiliary calipers, or set up as pass-through system to operate calipers as actuated by the foot brake.



Part No.	Description
WIL340-14768	Horizontal Hand Brake Lever Assembly, 11:1 Ratio
WIL340-14769	Vertical Hand Brake Lever Assembly, 11:1 Ratio

Compact Remote Flange-Mount Master Cylinders

These compact, lightweight master cylinders can be configured with small or large reservoirs, and can be mounted either directly or remotely, with up to 2" additional clearance between flange and outlet. Close tolerance cut-off and equalization ports assure immediate activation and heavy-return springs offer smooth operation and quick release.



WIL260-10371

Description	Master Cylinder Kit Part No.	Rebuild Kit Part No.
5/8" Bore Master Cylinder	WIL260-10371	WIL260-10513
3/4" Bore Master Cylinder	WIL260-10372	WIL260-10514
3/4" Bore Master Cylinder, 3/8"-24 Banjo Outlet NEW!	WIL260-13619	WIL260-10514
13/16" Bore Master Cylinder	WIL260-10373	—
7/8" Bore Master Cylinder, 3/8"-24 Banjo Outlet NEW!	WIL260-13621	WIL260-10516
7/8" Bore Master Cylinder	WIL260-10374	WIL260-10516
1" Bore Master Cylinder	WIL260-10375	WIL260-10517
1-1/8" Bore Master Cylinder	WIL260-10376	—

Compact Remote Side-Mount Master Cylinders

Master cylinders are designed for applications that have limited mounting space, yet require the capacity of a full-size unit. Short and compact, 3.37" body offers 2.16" of additional clearance between the mounting boss and fluid outlet. Aluminum-bodied cylinders are black E-coated for corrosion resistance and are sold complete with small and large reservoirs.



WIL260-12385

Part No.	Description
WIL260-12385	Compact Remote Master Cylinder, 3/4" Bore
WIL260-12387	Compact Remote Master Cylinder, 7/8" Bore
WIL260-12388	Compact Remote Master Cylinder, 1" Bore

Compact Remote Aluminum Master Cylinders

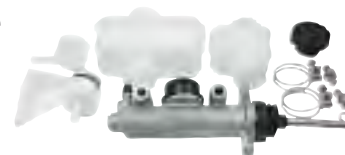
Designed for cars with limited space, cylinder requires a remote reservoir (not included). Fluid ports are up top for easy access. Bore sizes accommodate compact brake calipers, short pedal ratios, and hydraulic clutches.



Part No.	Description
WIL260-6087	Remote Master Cylinder, .625" Bore
WIL260-6088	Remote Master Cylinder, .700" Bore
WIL260-6089	Remote Master Cylinder, .750" Bore

Combination Remote Master Cylinder Kits

Each kit includes master cylinder with 3/8"-24 UNF outlets, large (10.7-oz.) and small (4.0-oz.) reservoirs, remote mounting bracket, remote inlet adapter, remote hose, reservoir cap, and hardware.



Description	Master Cylinder Kit Part No.	Rebuild Kit Part No.
5/8" Master Cylinder Kit, 1.3" Stroke	WIL260-3372	WIL260-3880
3/4" Master Cylinder Kit, 1.1" Stroke	WIL260-3374	WIL260-3881
13/16" Master Cylinder, 1.1 Stroke	WIL260-5920	—
7/8" Master Cylinder Kit, 1.2" Stroke	WIL260-3376	WIL260-3882
1" Master Cylinder Kit, 1.0" Stroke	WIL260-3378	WIL260-3883
1-1/8" Master Cylinder Kit, 1.0" Stroke	WIL260-3380	—

High-Volume Aluminum Master Cylinders

Master cylinders have 26% more fluid capacity and include formed steel lids, bellows-type gaskets, internal slosh baffles, and standard mounting dimensions.



Description	Master Cylinder Part No.	Rebuild Kit Part No.	Replacement Lid and Gasket
3/4" Bore Master Cylinder	WIL260-6764	WIL260-6898	WIL330-13945
7/8" Bore Master Cylinder	WIL260-6765	WIL260-6899	WIL330-13945
1" Bore Master Cylinder	WIL260-6766	WIL260-6900	WIL330-13945

Replacement Bail Wire Retainer [WIL300-6726](#)



Integral Reservoir Compact Aluminum Master Cylinders

Compact aluminum cylinders are ideal for clutch or brake. Reservoir hold 1.4 oz. and includes screw-on filler cap.

Part No.	Description
WIL260-2636	.625" Bore
WIL260-6579	.700" Bore



Tandem Master Cylinder [WIL260-4893](#)

Durable housing has a large-capacity plastic reservoir. Dual-outlet 1-1/16" bore cylinder uses stock components, with factory-style mount hole pattern and outlet thread size Optional universal mounting bracket kit with push rod and dust boot available.

Part No.	Description
WIL250-3677	Bracket Adapter Kit; Master Cylinder to Single Brake Pedal
WIL260-4894	Tandem Kit; Master Cylinder, Boot, Push Rod, and Retainer
WIL260-4896	1-1/16" Master Cylinder Rebuild Kit



Tandem Remote Master Cylinders

One of the safest, most effective methods of actuating four-wheel or dual-caliper axle brake systems. Master cylinder offers 50/50 output from a 1" bore with 1.1" stroke. Offered in traditional or remote reservoir versions, cylinders may be bolted directly to Wilwood single mount pedals. Sold complete with 4-oz. reservoirs and supply hoses (where applicable).

Part No.	Description
WIL260-7563	Tandem Remote Master Cylinder, Includes Remote 4-oz. Reservoirs and Supply Hose
WIL260-8794	Tandem Remote Master Cylinder



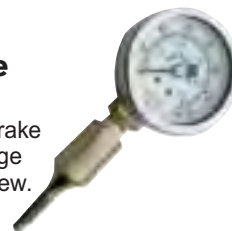
Remote Master Cylinder Rebuild Kit [WIL260-3884](#)

Includes all parts necessary to rebuild master cylinder with 1-1/8" cylinder bore.



Quick-Check Pressure Gauge [WIL260-0966](#)

Enables accurate master cylinder and brake bias set-up. Easy to read 0-1500 PSI gauge installs in place of brake caliper bleed screw.



GS Style Compact Master Cylinders

These compact die-cast aluminum master cylinders are available with either remote or integral reservoir, great for vehicles with limited space. Manufactured with a protective E-coat finish, 2.25" bolt hole mounting flange, and are completely rebuildable. Standard 7/16"-20 threaded inlet and high-displacement capacity with full 1.25" stroke allow these cylinders to be used on brake or clutch applications.



Part No.	Bore Size
Integral Reservoir Style	
WIL260-15096	.625"
WIL260-15097	.700"
WIL260-15098	.750"
Remote Reservoir Style	
WIL260-15088	.500"
WIL260-15089	.625"
WIL260-15090	.700"
WIL260-15091	.750"
WIL260-15092	.810"

Compact Remote Reservoir Master Cylinder Fitting [WIL220-13130](#)

11/16"-20 to -3AN inlet.



Girling Thread Master Cylinder Reservoir Cap [WIL330-15080](#)

Black nylon cap. Diaphragm gasket style with seal.



Remote Tandem Master Cylinders with Pushrod

These remote master cylinders are available in three bore sizes 7/8", 15/16", and 1-1/8" and two finishes: ball burnished and black E-coat. They are designed for mounting flanges from 3.22"-3.40" and offer fluid outlet ports on both sides of the bore. The stroke is set at 1.12" with a volume ratio of 2:1 between the primary and secondary chambers. Overall length is 6.55" from the mounting flange.



Part No.	Description	Bore Size	Rebuild Kit
WIL260-14241-BK	Black	7/8"	WIL260-3882
WIL260-14241-P	Ball Burnished	7/8"	WIL260-3882
WIL260-14242-BK	Black	15/16"	N/A
WIL260-14242-P	Ball Burnished	15/16"	N/A
WIL260-14244-BK	Black	1-1/8"	WIL260-3884

Master Cylinder Accessories

Part No.	Description
WIL260-3396	Remote Inlet Adapter, Combination Remote and Tandem Remote Master Cylinders
WIL260-5751	Remote Plastic Reservoir, 10.7-oz. Inlet Adapter, Compact Remote Master Cylinder
WIL260-10264	Reservoir Kit, Includes 4.0-oz. and 7.2-oz. Plastic Reservoirs, and Supply Hose



[WIL260-5751](#)

Master Cylinder Reservoir Caps with Electronic Fluid Level Sensors

Innovative reservoir cap checks fluid level electronically and indicates when fluid level is low. Cap includes standard automotive 12-volt terminals for easy installation. Caps directly replace master cylinders with 4-, 7-, 10-, and 10.7-oz. reservoirs.



Part No.	Description
WIL330-12645	Fits 4-oz. Reservoirs
WIL330-12646	Fits 7-, 10- and 10.7-oz. Reservoirs

Residual Pressure Valves

Valves are designed to retain a minimum amount of brake pressure, preventing excessive pedal travel for firmer pedal in disc or drum brake systems. Aluminum housing is tapped for 1/8" NPT on inlet and outlet. Use 2 lb. valve for disc brake and 10 lb. for drum brakes. Valves are sold separately, or complete with 1/8" NPT to 3/8"-24 brake line adapters to fit most 3/16" hard brake lines.



Description	Valve Only Part No.	Valve w/Fittings Part No.
2-lb. Blue Residual Pressure Valve	WIL260-13706	WIL260-13783
10-lb. Red Residual Pressure Valve	WIL260-13707	WIL260-13784

Brake Shut-Off Valve [WIL260-9921](#)

Valve is often used on dirt oval track cars to shut off brake pressure to the right front wheel. Solenoid assembly blocks pressure to the caliper, but allows fluid to return to the master cylinder to prevent trapped pressure from affecting valve activation. Includes 1/8"-27 NPT port fittings.



Temperature Strips

NEW! [WIL400-15671](#)

An easy, effective and affordable method of recording on-track temperatures of brake calipers, or any other race car components. Adhesive-backed strips are simply attached to any clean, smooth surface to record peak temperatures. Includes (10) non-movable strips with a range of 250°-536° F. and 121°-280° C.



Hi-Temp 570° Racing Brake Fluid

Brake fluid has a dry boiling point of 570°F, over 150° higher than DOT 3 requirements, and over 100° higher than DOT 4 standards. Lubricates and cleans brake system's internal parts. Low viscosity makes bleeding brakes an easy operation. Eliminates aeration of brake fluid (foaming from excessive pumping of the pedal). Sold in hermetically sealed 12-oz. containers to prevent unwanted moisture absorption.



12-oz. Container	1 Case 24/12-oz. Containers
WIL290-0632	WIL290-0633

Ground Shipment Only

EXP 600 Plus Super Hi-Temp Racing Brake Fluid

EXP 600 Plus is a low-viscosity blend, developed and refined to withstand the high heat and extreme pressure demands of professional motorsports. Temperature rating of 626°F far exceeds minimum DOT 3 and DOT4 requirements. EXP 600 Plus exhibits low-moisture and non-aeration characteristics that translate into solid pedal feel, immediate response, high heat protection, and maximum service life. Sold in 16.5-oz. containers, or in cases.



16.5-oz. Container	1 Case 20/16.5-oz. Containers
WIL290-6209	WIL290-6210

Ground Shipment Only



JEOP VANWORMER / CURTIS ROBERTS



BRIAN SHAW

STEVE DATAMA

PolyMatrix Brake Pads

Wilwood has many types of brake pad compounds designed specifically for racing. It is important to analyze braking requirements and select the proper pads. Experimentation is often necessary to determine the correct compound for a particular application.

PolyMatrix "A" Compound

Heat Range: Low to X-High, Torque: X-High

"A" compound delivers an immediate cold response with the highest friction values at all temperatures. Engineered for severe-duty oval track race applications that require immediate high response at low temperatures.

PolyMatrix "B" Compound

Heat Range: High Torque: High

With quick warm-up, high friction, and fade-free performance at high temperatures, "B" is the best choice for sprints on pavement or dirt tracks with extreme braking.

BP-10 ("Smart Pads") Compound

Heat Range: Medium to High, Torque: Light to Medium

A medium to high-temp compound, low-dust characteristics, and the low-temperature response of a street pad. Use on dirt track cars with vented iron rotors, club sport, and track day racers.

Polymatrix BP-20 ("Smart Pads") Compound

Heat Range: Medium to X-High, Torque: Light to Medium

Provides increased friction levels with extended temperature range over BP-10. Ideal for heavy braking on dirt tracks, and hobby and sportsman asphalt racing.

Polymatrix BP-30 ("Smart Pads") Compound

Heat Range: Medium to X-High, Torque: Light to Medium

Long-wearing pad in the middle temperature ranges with moderate wear in sustained high-heat conditions. Works well on hard braking Dirt Late Models, Dirt Modifieds, and as a proven workhorse on Asphalt Late Models, Modifieds, and Sportsman.

Polymatrix BP-40 ("Smart Pads") Compound

Heat Range: Low to High Torque: Medium

Improved friction compound is well suited to severe-duty oval, road course, and off-road applications that require aggressive response and durability at the highest of temperatures. Pads offer very high-heat fade resistance and long wear rates with iron and steel rotors.

PolyMatrix "E" Compound

Heat Range: Medium to High, Torque: Medium to High

A proven "Million Dollar" winner and the first choice for all types of dirt racing. "E" has immediate cold response, with consistent torque and pedal response through the entire temperature range. "E" has smooth engagement for finesse driving on slick tracks, with plenty of stopping power right from the start.

PolyMatrix "H" Compound

Heat Range: Low to X-High, Torque: High to X-High

Slightly softer initial response than "A" compound with the same high-temperature friction. Severe-duty compound has long wear characteristics and works well on oval track applications. Delivers smooth, consistent engagement at all temperatures and pedal pressures.

PolyMatrix "Q" Compound

Heat Range: Low to Medium, Torque: Medium

Ceramic-enhanced compound is ideally suited for aluminum rotors. Provides smooth engagement, long service life, quick recovery, and high fade-resistance.

Composition Metallic "CM" Compound

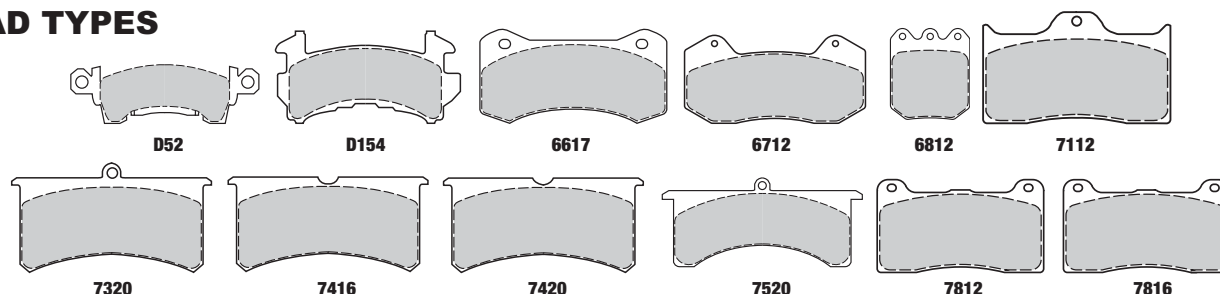
Heat Range: High, Torque: Medium

Formulation is specifically for use with Super Alloy rotors. Compound offers high friction throughout temperature range.

POLYMATRIX BRAKE PAD CHART (AXLE SETS, 4 PADS PER SET)

Caliper Type	Pad Type	"A" Compound	"B" Compound	"BP-10" Compound	"BP-20" Compound	"BP-30" Compound	"BP-40" Compound	"E" Compound	"H" Compound	"Q" Compound	"CM" Compound
GM/Howe	D52	WIL15A-5737K	WIL15B-3994K	—	—	WIL150-14777K	WIL150-12249K	WIL15E-6102K	—	—	—
GM/Metric	D154	—	WIL15B-3998K	WIL150-8936K	WIL150-9422K	WIL150-14778K	WIL150-12250K	WIL15E-6103K	—	—	—
Aero 4/6, W4A, W6A Radial Mount	6617	—	—	WIL150-9488K	—	—	—	WIL15E-12604K	—	—	—
Billet Dynapro 6-Lug Mount	6712	—	—	—	WIL150-10007K	—	WIL150-12760K	—	—	—	—
Billet Dynalite Single	6812	WIL15A-10142K	WIL15B-9819K	WIL150-9764K	—	WIL150-14770K	WIL150-12242K	WIL15E-9820K	—	WIL15Q-10144K	WIL150-14354K
Dynalite (Cotter Pin)	7112	WIL15A-5734K	WIL15B-3991K	WIL150-8850K	—	WIL150-14771K	WIL150-12243K	WIL15E-6096K	—	WIL15Q-6824K	—
Superlite II, III	7320	WIL15A-5735K	WIL15B-3992K	WIL150-8856K	—	—	—	WIL15E-6100K	—	—	—
Billet/Forged Narrow Superlite	7416	—	WIL15B-6705K	—	WIL150-9415K	WIL150-14772K	WIL150-12244K	—	—	—	—
Superlite 6 and Forged S/L	7420	WIL15A-5938K	WIL15B-5939K	WIL150-8854K	—	WIL150-14773K	WIL150-12245K	WIL15E-6084K	WIL15H-8114K	WIL15Q-6829K	—
GN II, GN III, ST	7520	WIL15A-5736K	WIL15B-3993K	—	—	WIL150-14774K	—	—	—	—	—
Billet Dynapro Lug Mount	7812	WIL15A-9835K	WIL15B-9836K	WIL150-9136K	—	WIL150-14775K	WIL150-12247K	WIL15E-9837K	—	—	—
Billet Dynapro Narrow Mount	7816	WIL15A-7263K	WIL15B-7264K	WIL150-8946K	WIL150-9419K	WIL150-14776K	WIL150-12248K	WIL15E-7266K	—	—	WIL150-14346K

PAD TYPES

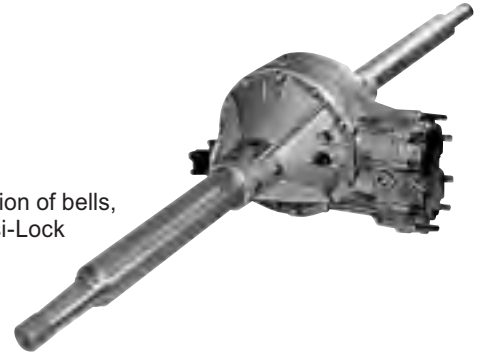




Closed-Tube Rear Axle Assemblies

"Sprint Center" Quick Change

The Winters magnesium "Sprint Center" Quick Change is available with any combination of bells, tubes, differentials, and gear covers. All 10" dia. ring gear, 12-bolt rears include the Posi-Lock assembly (WIN8104), pinion nose roller bearing (WIN8143), 31-spline aluminum spool (WIN8115), and 4.86 ring and pinion assembly. "Sprint Centers" are stocked in Wide 5, 2" (Howe, PCR), and 2-1/2" (Winters, AFco) Grand National styles. For special order options, see the listing below or a complete breakdown of component parts on the following page.



Part No.	Description	Included Options	Axles	Housing Width
Wide 5 Quick Change with 4.86 Ring and Pinion				
WINK5270-A6	Aluminum Tube, Standard Dirt/Mastersbilt Rear	WIN8106, WIN8133, WIN8137, WIN8140, WIN8186P	33"/35"	61-5/8"
WINK5270-LT	Less Axle Tubes	WIN8106, WIN8133, WIN8137, WIN8186P	N/A	N/A

2-1/2" Grand National Quick Change Kits

Closed-tube kits include solid axles, Platinum 5 x 5" 4140 heat-treated steel hubs (WIN2255C-P), and 11.75" dia. x .810" thick rotors. Each 10" dia., 12-bolt rear has a magnesium center with 6-rib bells (WIN8186P), Posi-Lock assembly (WIN8104), pinion nose roller bearing (WIN8143), 31-spline aluminum spool (WIN8115), and 4.86 ring and pinion assembly. For special order options, see the listing below or consult the complete breakdown of component parts on the following page.



Part No.	Description	Included Options	Axles	Housing Width
WINK5063-60C**	Steel Tube, Centered Modified Rear, AFco/Winters	WIN8106, WIN8131, WIN8133, WIN8143	30.5"/30.5"	60"
WINK5063-60-2-6**	Steel Tube, 2" Offset Modified Rear	WIN8106, WIN8131, WIN8133-10-6, WIN8155PMHD, WIN8208, WIN8265-156, WIN9116	32.5"/28.5"	60"
WINK5063-60-2K-P*	Steel Tube, 2" Offset Modified Rear	WIN8106, WIN8131, WIN8133	32.5"/28.5"	60"
WINK5063-60CK-P*	Steel Tube, Centered Modified Rear	WIN8106, WIN8131, WIN8133	30.5"/30.5"	60"

* Signifies IMCA-legal. ** Assemblies do not include axles.

Options for "Sprint Center" and Grand National Quick-Change

Part No.	Description
WIN8100	Gear Cover with Roller Brgs.
WIN8102	Super Gear Cover
WIN8104	Posi-Lock Assembly
WIN8106	Heat-Treated Lower Shaft
WIN8111	4.11 Ratio Ring and Pinion
WIN8114	Superlight Steel Spool
WIN8115	Aluminum Spool
WIN8117	Magnesium Side Bells
WIN8130	Ultralight Aluminum Spool
WIN8131	Machined Side Tubes
WIN8132	Alum. 8-Bolt Side Tubes
WIN8133	"Sprint Center"
WIN8133-10-6	Sprint Center with 6-Bolt Rear Cover
WIN8136	4-Rib Lightweight Side Bell

Part No.	Description
WIN8136P	4-Rib Lightweight Side Bell with Inspect. Plug
WIN8137	Heavy-Duty Gear Cover
WIN8138	Alum. Tubes with Steel Spindle
WIN8139	8-Bolt Spindles
WIN8140	Alum. Side Tubes
WIN8143	Roller Brg. On Pinion Nose
WIN8151	Steel Swedged Wide 5 Tubes
WIN8152	Titanium Lower Shaft
WIN8154	Closed Drive
WIN8155P	8-Rib Side Bell with Inspection Plug
WIN8155PMHD	8-Rib Bell W/Inspection Plug
WIN8162	Super Cover with Pump
WIN8171	Billet Aluminum Locker
WIN8183	"Triple Track" Differential

Part No.	Description
WIN8186P	6-Rib Mach. Side Bell with Inspection Plug
WIN8201	Tube Seal
WIN8202-XXX	EDM Ring and Pinion (XXX-Specify Ratio)
WIN8208	Thermal Dispersant Coating
WIN8218-RP	REM Ring and Pinion
WIN8244C-CT	Differential Bearings, Low-Drag Ceramic
WIN8244C-P	Pinion Bearings, Low-Drag Ceramic
WIN8244S-CT	Differential Bearings, Low-Drag Steel
WIN8244S-P	Pinion Bearings, Low-Drag Steel
WIN8265-156	Tube Option .156" Wall
WIN9116	Pinion Plate Delete

Note: A complete exploded view and breakdown of all component parts can be seen on the following page.

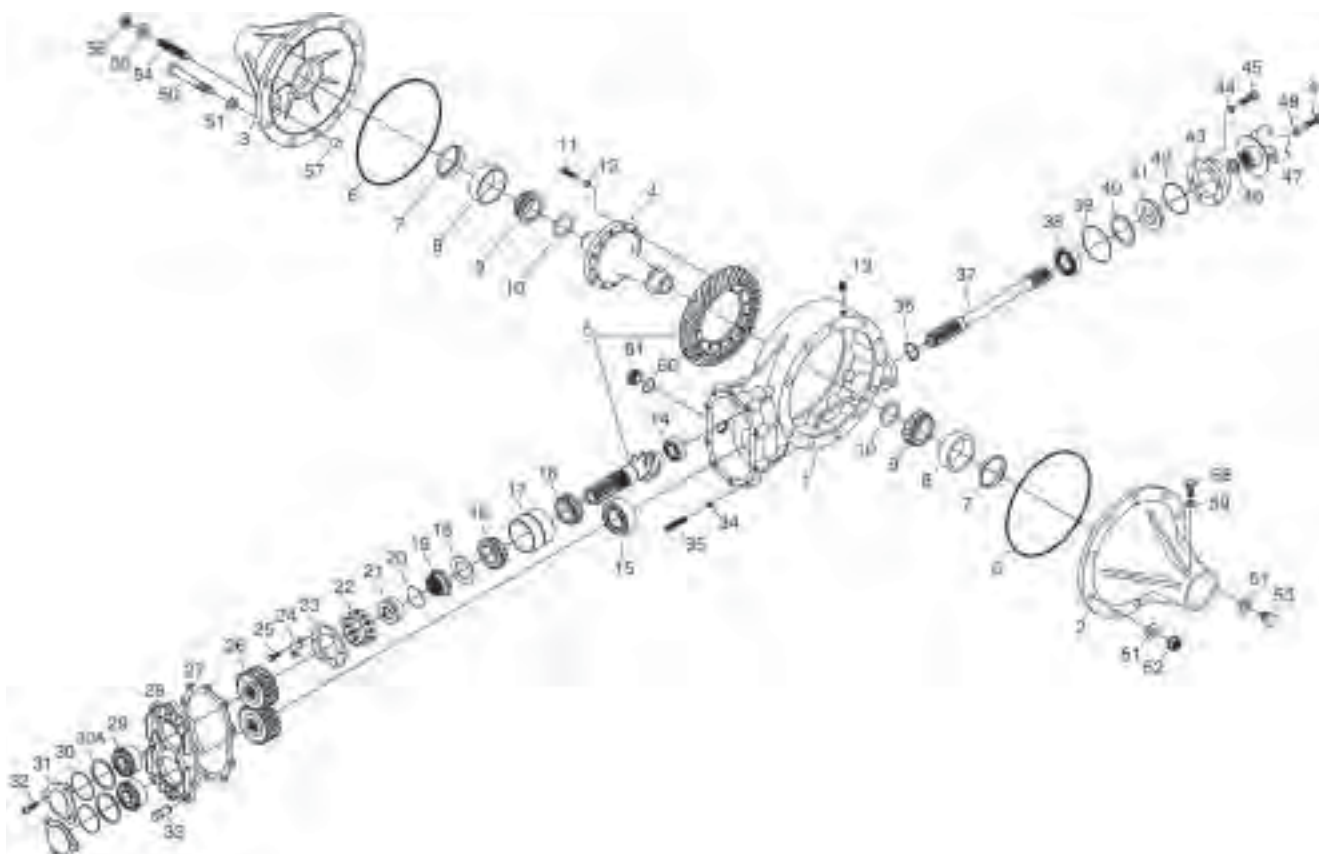


MATT FRAZIER



JEFF BOZELL

JIM DENHAMER



Closed Tube Rear Axle Assemblies

"Sprint Center" Quick-Change Components

Only stocking parts are listed; other parts are available on a special-order basis.

No.	Description	Part No.	Qty.
1	Sprint Center Section	WINK5840	1
2	Aluminum 6-Rib Right Side Bell	WIN1663-01B	1
3	Aluminum 6-Rib Left Side Bell	WIN1663-02	1
4	31-Spline Aluminum Spool	WIN5034-11A	1
5	Ring and Pinion, Std. 4.86 Ratio	WIN5400	1
6	O-Ring, 4 and 6-Rib Bell	WIN7403T	2
7	Axle Tube Oil Seal	ALL72140	1
8	Bearing Cup, Side Bell	WIN7310	2
9	Bearing Cone, Steel Spools/Differentials	WIN7309	2
9	Bearing Cone, Alum. Spools/Differentials	WIN7340	2
10	Shim Kit, Alum. Spools/Differentials	WIN5295	1
11	Ring Gear Bolt, Threaded Ring Gear	WIN7852	12
12	3/8" Belleville Washers, Threaded Ring Gear	WIN7815	12
13	3/8" Recessed Socket Head Pipe Plug	WIN7111B	2
14	Roller Bearing, Pinion Nose	WIN7331	1
15	Shielded Ball Bearing, Lower Shaft	WIN7339	1
16	Bearing Cone, Pinion Shaft	WIN7308	2
17	Double Bearing Cup, Pinion Shaft	WIN7307	1
18	Bearing Washer	WIN5055	1
19	Posi-Lock Nut, Pinion Shaft	WIN6485R	1
20	O-Ring, Posi-Lock	WIN7445	1
21	Posi-Lock Retainer, Pinion Shaft	WIN6484	1
22	Retaining Ring, Pinion	WIN5020	1
23	Retaining Plate, Pinion	WIN6296A	1
24	Lock Tab	WIN2374	3
26	Quick Change Gear Set (Not Included)	Specify Ratio	1
27	Gasket, Gear Cover	WIN6729	1
29	Ball Bearing, Gear Cover	WIN7521	2
31	Bearing Cap	WIN1667	2

No.	Description	Part No.	Qty.
33	3/8"-16 Aluminum (Red) High Nut, Gear Cover	WIN7794AR	10
34	5/16" Dia. Ball, Gear Cover	WIN7398	10
35	3/8"-16 x 1-3/4" Stud, Gear Cover	WIN7802	10
36	Snap Ring, Lower Shaft	WIN7610	1
37	Standard Lower Shaft	WIN5003-02	1
38	Front Ball Bearing, Lower Shaft	WIN7390	1
39	O-Ring, Seal Plate	WIN7413	1
40	Snap Ring, Seal Plate (.375" Seal)	WIN7653	1
41	Seal, Seal Plate (Thin .375" Seal)	WIN7204	1
41	Seal, Seal Plate (Thick .750" Seal)	WIN7204T	1
41	Seal, Seal Plate (Thick .750" Viton Seal)	WIN7204V	1
43	Seal Plate, .750" Seal	WIN5018	1
46	Spacer, Drive Yoke	WIN6532	1
47	Drive Yoke, Steel	WIN5038	1
47	Drive Yoke, Billet Aluminum	WIN5038AS	1
47	Drive Yoke, Steel with Integral Spacer	WIN3533	1
48	Retaining Washer, Drive Yoke	WIN5037	1
49	3/8"-24 x 1" HHCS, Drive Yoke	WIN7109	1
50	7/16"-20 x 5-1/2" Through-bolt	WIN7176	10
52	7/16"-20 Flanged Locknut, Thru-bolt	WIN7177	10
54	1/2"-13 Adjusting Screw, 8-Rib Bell	WIN7155	1
54	1/2"-13 Adjusting Screw, 4 and 6-Rib Bell	WIN6149	1
56	1/2"-13 Jam Nut, Adjusting Screw	WIN7137A	1
57	Thrustblock, Adjusting Screw	WIN5010	1
58	3/8"-24 x 1" HHCS, 4-Rib Side Bell	WIN7109	16
59	3/8" SAE Flat Washer	N/A	16
60	O-Ring, Plug	WIN7454	1
61	Inspection Plug	WIN6857	1



2nd Generation Short Sprint Center Quick-Change with 8" Ring and Pinion

2nd generation quick-change is fitted with a new 8" diameter ring gear that is 20% smaller and 20% lighter than traditional 10" gears, providing significant reductions in rotating and unsprung weight for improved acceleration and deceleration. Special short design also provides 1-1/2" more fuel cell clearance. Although all cars can benefit from this new design, lower horsepower cars can expect even more gain. Quick-Change is less axle tubes and includes Posi-Lock assembly (WIN8104), heat-treated lower shaft (WIN8016), 8" 4.11 ring and pinion (WIN8111-8S), aluminum spool (WIN8115), Sprint Center "shorty" gear (WIN8133-8S), heavy-duty cover (WIN8137), and 6-rib machined side bells (WIN8186P).



Shown with Optional Billet Cover and Black Coating, Not Included.

Part No.	Description
WINK5270-LT-S	2nd Generation Short Sprint Center Quick-Change with 8" Ring and Pinion
Replacement Component	
WIN65411SB-CT	4.11 Ring and Pinion Assembly, Includes Bearings NEW!

Ring and Pinion Assemblies

Gear sets fit popular 10" dia., 12-bolt quick-change rear ends. Available with or without bearings.

Ratio	Part No. without Bearings	Part No. with Bearings
4.12	WIN5714	WIN5715*
4.86	WIN5400	WIN5401*



* Pinion bearing pre-load is not set.

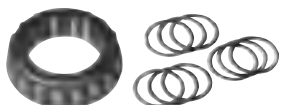
Extra-Heavy-Duty 4.86 Ring and Pinion Assembly WIN56486

Assembly incorporates a heavy-duty flanged pinion bearing that offers improved retention of the bearing race to the center section. An improved spread bearing pinion allows a mammoth radius at the juncture of the pinion shaft and pinion gear head. Sold complete with bearings, Posi-Lock, and roller nose bearing.



Quick-Change Set-Up Accessories

Part No.	Description
WIN5294	2.031" Checking Bearing (2 Req.)
WIN5295	2.031" Carrier Shim Kit
WIN7165	Ring and Pinion Bolt Kit
WIN7340	2.031" Carrier Bearing



Aluminum Spools

Spools fit all closed tube rears ("Sprint", Heavy-Duty).

Part No.	Description
WIN5034-11A	31-Spline Aluminum, 2.031" Bearing Dia., 5.75 lbs.
WIN5034-11UL	31-Spline Ultralight Aluminum, 2.031" Bearing Dia., 5.12 lbs.



Steel Spool Set-Up Bearing WIN5138

2" set-up bearing.



Trackstar 2nd Generation 10" Differential WIN3224-01

2nd generation unit, manufactured using a 4140 heat-treated steel housing completely encasing worm and side gears, is a torque multiplier differential that functions through the use of friction, generated by thrust forces from the internal gearing and the Tri-Lock Bronze Thrust Washer System. Specialized design helps multiply available torque from the wheel that is starting to spin up or lose traction and sends that available torque to the slower turning wheel with better traction.



Billet Aluminum 10" Locker Differentials

Engineered for 10" quick-change rears, locker is fully automatic, providing spool-type traction on the straight-aways and automatically unlocking in the corners. Offered in standard and lightweight versions; lightweight unit provides reduced rotating and unsprung weight. Units include 2.031" bearing diameter and are standard with 78-lb. factory-calibrated springs installed.



WIN5114-01L

Part No.	Description
WIN5114-01	Billet Aluminum Locker, 13 lbs., 8 oz.
WIN5114-01L*	Billet Lightweight Aluminum Locker, 10 lbs., 13 oz.

* 1" longer right axle and a 1" shorter left axle than the standard locker assembly.

Replacement Locker Springs

Side gear springs are for 10" or 8-3/8" Quick-Change differentials.

Part No.	Description
WIN12800	Orange Spring, 58 lbs.
WIN1280R	Red Spring, 90 lbs.
WIN1280Y	Yellow Spring, 78 lbs.



WIN1280Y

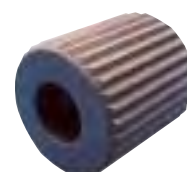
Aluminum Triple Track WIN2297

Triple Track is the optimum traction-control differential available from Winters. Weighs only 13 lbs. 10 oz. Fits all 10" quick-change rears.



Lock-Up Plug WIN6789

Lock up Winters Triple Track or Gold Track. 1-3/8" long x 31-spline.





Drive Yokes

Yokes listed are designed for use with popular Dana series 1310 (3-1/4" wide with 1-1/16" cups) universal joints. Choose from steel or lightweight 7075-T6 aluminum units.

Part No.	Description
WIN5038	Steel Yoke, 1-1/4", 10-Spline
WIN5038AS	Aluminum Yoke, 1-1/4", 10-Spline
WIN5038AS-32	Aluminum Yoke, Quick Change with Gun drilled Shaft
WIN7204-32-01	Yoke Seal for WIN5038AS-32
WIN3655M	U-Bolt Assembly, 1310 Series, Pair NEW!



Closed Tube 10" Side Bells

Part No.	Description
8-Rib Side Bells	
WIN12080	Permamold LH Side Bell
WIN12083	Aluminum RH Side Bell with Insp. Plug
WINK5016-02	Mag. LH Side Bell
WINK5016-03	Mag. RH Side Bell with Insp. Plug
ALL72054	O-Ring, Sold Individually
6-Rib Side Bells	
WIN1663-01B	Aluminum RH Side Bell with Insp. Plug
WIN1663-02	Aluminum LH Side Bell
WINK1663-01B	Mag. RH Side Bell with Insp. Plug
WINK1663-02	Mag. LH Side Bell
WIN7403T	O-Ring Side Bell
4-Rib Side Bells	
WIN7403T	O-Ring Side Bell
Tools	
WIN5378	Seal Driver, Used to Install WIN7205 Side Bell Seal



Inspection Plug WIN6857

Inspection plug includes a 9/16" hex and an O-ring for effective sealing. Fits all 8-3/8" Mini Center and Side Bells.



Semi-Synthetic Lubricant WIN1730

Specifically engineered for rear axles, semi-synthetic 80-90-140W hypoid lube has moly additives to reduce friction and enhance durability. Sold in 1-gallon containers.



Through Bolt Kit WIN5218

Kit contains ten 7/16"-20 x 5-1/2" through bolts, washers, and lock nuts.



Lower Shafts

Winters offers a variety of lower shafts for closed tube, 10" full-size or 8" short quick-change rears.

Part No.	Description
8" Short Quick Change	
WIN4951	Standard Lower Shaft, 18.59" Long
10" Full Size Quick Change	
WIN5003-02	Standard Lower Shaft, Open Drive, 19-3/4" Long x 10-Spline
WIN5003	Heat Treated Lower Shaft, Open Drive, 19-3/4" Long x 10-Spline



Posi-Lock Nut Assembly WIN6498R

Pinion Posi-Lock nut assembly fits 10" quick-change rear ends. A positive locking O-ring retains the nut and spacer. Easily removed, the assembly will stay in place when gears are being changed. Right-hand threads only.



Gear Covers

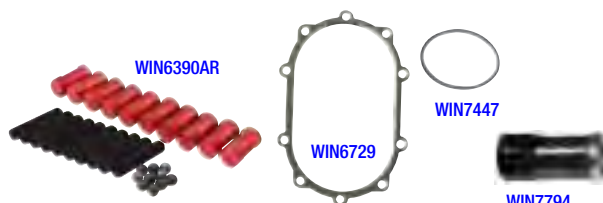
Description	Cover Part No.	Bearing Part No.	Plug Part No.
Aluminum Sprint Center, Lg. Ball Bearings/Retainers	WIN3736	WIN8659	—
H.D. Sprint Gear Cover	WIN6630	WIN7521	—
Mag. Sprint Center Gear Cover	—	WIN7332	WIN7874
Standard LW Aluminum Sprint Cover	WIN6746	WIN7524	WIN7874
Sprint Billet, 6 Bolt	WIN12175	—	—
Sprint Center 10 Bolt with Integral Pump	WIN3792-01	—	—
Sprint Billet, Black Aluminum 10 Bolt with O-Ring	WIN4873	—	—



WIN3792-01

Note: All Covers Include bearings.

Gear Cover Accessories



Part No.	Description
WIN1764	Gasket, 6 Bolt Deep Cover WIN5054HD
WIN6390AR	Standard High Nut Kit, Red, Includes (10) High Nuts, (10) Studs, and (10) Steel Balls
WIN6729	Sprint Center Gasket
WIN6729HD	Sprint Center Gasket, Heavy Duty
WIN7447	O-Ring for Heavy-Duty Sprint Bearing Cap
WIN7794	Standard High Nut, Steel
WIN7794AR	Standard High Nut, Red
WIN7794ASBK	Short High Nut, Aluminum, Black
WIN7794ASR	Short High Nut, Aluminum, Red
WIN8447	O-Ring for 6-Bolt Sprint Center
WIN8446	O-Ring for WIN12070
WIN8478	O-Ring for 2nd Gen Billet Cover

8500 Series 10-Spline Quick-Change Gear Poster WINPOSTER10

Full-sized (16-1/2" x 20") poster displays tooth count and ring and pinion ratio data. Ideal for the race shop or trailer.





8500 Series 10-Spline Quick-Change Gears for 10" Rears

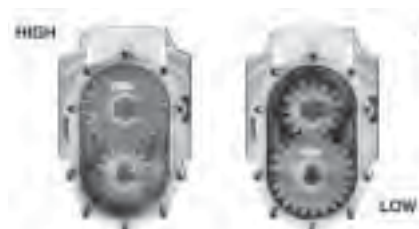
Winters 10-spline quick-change gears for use with 10" dia. ring gear are 1-3/8" wide, and machined, broached, and hobbled from quality SAE 8620 steel by Winters technicians. Sets 50 through 58 are for limited horsepower applications only. Winters also has an attractive poster ([WINPOSTER10](#)) which displays all available gear sets and ratios, making it an ideal reference chart for the wall of any race shop.

Part No.	Gear Set No.	4.12 Axle Ratio (8-33 Teeth)		Low Spur Ratio	No. of Teeth	High Spur Ratio	4.86 Axle Ratio (7-34 Teeth)		Part No.	Gear Set No.	4.12 Axle Ratio (8-33 Teeth)		Low Spur Ratio	No. of Teeth	High Spur Ratio	4.86 Axle Ratio (7-34 Teeth)	
		Low	High				Low	High			Low	High				Low	High
WIN8501	1	4.12	4.12	1.000	21/21	1.000	4.86	4.86	WIN8514	14	2.96	5.73	0.719	23/32	1.391	3.49	6.76
WIN8502	2	3.97	4.27	0.964	27/28	1.037	4.69	5.04	WIN8514A	14A	2.94	5.77	0.714	20/28	1.400	3.47	6.80
WIN8505	5	3.96	4.29	0.960	24/25	1.042	4.67	5.06	WIN8535	35	2.92	5.82	0.708	17/24	1.412	3.44	6.86
WIN8515A	15A	3.93	4.32	0.955	21/22	1.048	4.64	5.09	WIN8532	32	2.90	5.86	0.704	19/27	1.421	3.42	6.90
WIN8515	15	3.91	4.34	0.950	19/20	1.053	4.62	5.11	WIN8532A	32A	2.87	5.91	0.697	23/33	1.435	3.39	6.97
WIN8526	26	3.84	4.43	0.931	27/29	1.074	4.53	5.22	WIN8524	24	2.84	5.97	0.690	20/29	1.450	3.35	7.04
WIN8506	6	3.79	4.48	0.920	23/25	1.087	4.47	5.28	WIN8536	36	2.80	6.06	0.680	17/25	1.471	3.31	7.14
WIN8525	25	3.75	4.53	0.909	20/22	1.100	4.42	5.34	WIN8537	37	2.79	6.08	0.677	21/31	1.476	3.29	7.17
WIN8512	12	3.69	4.60	0.897	26/29	1.115	4.36	5.42	WIN8523	23	2.75	6.18	0.667	22/33	1.500	3.24	7.29
WIN8507	7	3.65	4.66	0.885	23/26	1.130	4.30	5.49	WIN8521	21	2.70	6.29	0.655	19/29	1.526	3.18	7.41
WIN8507A	7A	3.61	4.71	0.875	21/24	1.143	4.25	5.55	WIN8521A	21A	2.69	6.32	0.652	15/23	1.533	3.17	7.45
WIN8517	17	3.57	4.75	0.867	26/30	1.154	4.21	5.60	WIN8527	27	2.67	6.37	0.647	22/34	1.545	3.15	7.51
WIN8517A	17A	3.53	4.81	0.857	24/28	1.167	4.17	5.67	WIN8543	43	2.64	6.44	0.644	16/25	1.563	3.11	7.59
WIN8508A	8A	3.51	4.84	0.852	23/27	1.174	4.14	5.70	WIN8528	28	2.61	6.51	0.633	19/30	1.579	3.08	7.67
WIN8508	8	3.49	4.87	0.846	22/26	1.182	4.11	5.74	WIN8528A	28A	2.59	6.54	0.630	17/27	1.588	3.06	7.71
WIN8519	19	3.46	4.91	0.840	21/25	1.190	4.08	5.78	WIN8529	29	2.58	6.59	0.625	15/24	1.600	3.04	7.77
WIN8509A	9A	3.43	4.94	0.833	25/30	1.200	4.05	5.83	WIN8539	39	2.56	6.64	0.621	18/29	1.611	3.02	7.83
WIN8509	9	3.40	4.99	0.826	19/23	1.211	4.02	5.88	WIN8530	30	2.54	6.70	0.615	26/16	1.625	2.99	7.89
WIN8511	11	3.36	5.06	0.815	22/27	1.227	3.96	5.96	WIN8540	40	2.53	6.72	0.613	19/31	1.632	2.98	7.93
WIN8503	3	3.32	5.11	0.806	25/31	1.240	3.92	6.02	WIN8541	41	2.50	6.81	0.607	17/28	1.647	2.95	8.00
WIN8513	13	3.30	5.15	0.800	20/25	1.250	3.89	6.07	WIN8531	31	2.47	6.87	0.600	21/35	1.667	2.92	8.10
WIN8518	18	3.27	5.20	0.793	23/29	1.261	3.85	6.12	WIN8533	33	2.42	7.00	0.588	20/34	1.700	2.86	8.26
WIN8518A	18A	3.24	5.24	0.786	22/28	1.273	3.82	6.18	WIN8531A	31A	2.40	7.06	0.583	21/36	1.714	2.84	8.33
WIN8504A	4A	3.22	5.26	0.783	18/23	1.278	3.80	6.21	WIN8530A	30A	2.38	7.14	0.577	15/26	1.733	2.80	8.42
WIN8520A	20A	3.20	5.30	0.778	21/27	1.286	3.78	6.25	WIN8550	50	2.35	7.21	0.571	35/20	1.750	2.78	8.50
WIN8504	4	3.19	5.32	0.774	24/31	1.292	3.76	6.27	WIN8551	51	2.34	7.27	0.567	30/17	1.760	2.75	8.57
WIN8520	20	3.17	5.36	0.769	20/26	1.300	3.74	6.31	WIN8552	52	2.32	7.32	0.563	32/18	1.778	2.73	8.64
WIN8522	22	3.13	5.42	0.760	19/25	1.316	3.69	6.39	WIN8554	54	2.29	7.42	0.556	15/27	1.800	2.70	8.74
WIN8516	16	3.09	5.49	0.750	18/24	1.333	3.65	6.48	WIN8555	55	2.27	7.47	0.552	29/16	1.813	2.68	8.80
WIN8510	10	3.05	5.57	0.739	17/23	1.353	3.59	6.57	WIN8556	56	2.26	7.51	0.548	31/17	1.824	2.67	8.86
WIN8510A	10A	3.02	5.62	0.733	22/30	1.364	3.56	6.62	WIN8557	57	2.20	7.73	0.533	30/16	1.875	2.59	9.11
WIN8534A	34A	3.00	5.67	0.727	16/22	1.375	3.54	6.68	WIN8558	58	2.19	7.76	0.531	32/17	1.882	2.58	9.14
WIN8534	34	2.97	5.69	0.724	21/29	1.381	3.52	6.71									

4400 Series 6-Spline Quick Change Gears for 8-3/8" Rears

Designed for use with 8-3/8" rears, 4400 series 1" wide gears are manufactured from 8620 steel and feature a crown cut. Engineered for applications with under 500 horsepower, including crate motor classes.

Part No.	Gear Set No.	Low Spur Ratio	High Spur Ratio	No. of Teeth	3.78 Axle Ratio (9-34 Teeth)		4.11 Axle Ratio (9-37 Teeth)		4.33 Axle Ratio (9-39 Teeth)	
					Low	High	Low	High	Low	High
WIN4401	1	1.000	1.000	24/24	3.78	3.78	4.11	4.11	4.33	4.33
WIN4402	2	0.958	1.043	23/24	3.62	3.94	3.94	4.29	4.15	4.52
WIN4403	3	0.920	1.087	23/25	3.48	4.11	3.78	4.47	3.98	4.71
WIN4403B	3B	0.895	1.118	17/19	3.38	4.22	3.68	4.59	3.87	4.84
WIN4403A	3A	0.880	1.136	22/25	3.33	4.30	3.62	4.67	3.81	4.92
WIN4404	4	0.846	1.182	22/26	3.20	4.47	3.48	4.86	3.66	5.12
WIN4405	5	0.808	1.238	21/26	3.05	4.68	3.32	5.09	3.50	5.36
WIN4405A	5A	0.792	1.263	19/24	2.99	4.77	3.25	5.19	3.43	5.47
WIN4406	6	0.778	1.286	21/27	2.94	4.86	3.20	5.28	3.37	5.57
WIN4424	24	0.767	1.304	23/30	2.90	4.93	3.15	5.36	3.32	5.65
WIN4425	25	0.750	1.333	18/24	2.84	5.04	3.08	5.48	3.25	5.77
WIN4407	7	0.741	1.350	20/27	2.80	5.10	3.04	5.55	3.21	5.85
WIN4423	23	0.727	1.375	16/22	2.75	5.20	2.99	5.65	3.15	5.95
WIN4408	8	0.714	1.400	20/28	2.70	5.29	2.94	5.75	3.09	6.06
WIN4422	22	0.704	1.421	19/27	2.66	5.37	2.89	5.84	3.05	6.15
WIN4409	9	0.696	1.438	16/23	2.63	5.43	2.86	5.91	3.01	6.22
WIN4410	10	0.682	1.467	15/22	2.58	5.54	2.80	6.03	2.95	6.35
WIN4411	11	0.667	1.500	18/27	2.52	5.67	2.74	6.17	2.89	6.50
WIN4412	12	0.655	1.526	19/29	2.48	5.77	2.69	6.27	2.84	6.61
WIN4413	13	0.652	1.533	15/23	2.47	5.80	2.68	6.30	2.82	6.64
WIN4414	14	0.636	1.571	14/22	2.41	5.94	2.62	6.46	2.76	6.80
WIN4415	15	0.625	1.600	15/24	2.36	6.05	2.57	6.58	2.71	6.93
WIN4416	16	0.615	1.625	16/26	2.33	6.14	2.53	6.68	2.66	7.04
WIN4417	17	0.600	1.667	18/30	2.27	6.30	2.47	6.85	2.60	7.22
WIN4418	18	0.591	1.692	13/22	2.23	6.40	2.43	6.96	2.56	7.33
WIN4418A	18A	0.571	1.750	16/28	2.16	6.62	2.35	7.19	2.47	7.58
WIN4419	19	0.560	1.786	14/25	2.12	6.75	2.30	7.34	2.42	7.73



• IMPORTANT •

Install Quick Change Gears With Shoulder Facing Out Toward Gear Cover Bearings





Full Floating/Closed Tube Axles

Full floating, Hy-Tuff steel axles have 31/24 splines and are heat-treated for durability. Standard and gun-drilled axles are available.



Length	Standard Part No.	Gun Drilled Part No.	Length	Standard Part No.	Gun Drilled Part No.
25.5"	—	WIN5067G-25.500	34"	WIN5067-34	WIN5067G-34
27.5"	—	WIN5067G-27.5	34.5"	—	WIN5067G-34.5
28.5"	WIN5067-28.500	WIN5067G-28.5	35"	—	WIN5067G-35
29"	—	WIN5067G-29	35.5"	—	WIN5067G-35.5
29.5"	—	WIN5067G-29.5	36"	WIN5067-36	WIN5067G-36
30"	—	WIN5067G-30	36.5"	—	WIN5067G-36.5
30.5"	—	WIN5067G-30.5	37"	—	WIN5067G-37
31"	—	WIN5067G-31	37.5"	—	WIN5067G-37.5
31.5"	WIN5067-31.500	WIN5067G-31.5	38"	—	WIN5067G-38
32"	—	WIN5067G-32	38.5"	—	WIN5067G-38.5
32.5"	WIN5067-32.500	WIN5067G-32.5	39"	—	WIN5067G-39
33"	WIN5067-33	WIN5067G-33	39.5"	—	WIN5067G-39.5
33.5"	WIN5067-33.500	WIN5067G-33.5	40"	—	WIN5067G-40

2" Grand National Aluminum Side Tube WIN1400A-29

Aluminum, 8-bolt thin-flange axle tube is 3" diameter x 29" long. Spindle not included. May be machined for narrower applications.



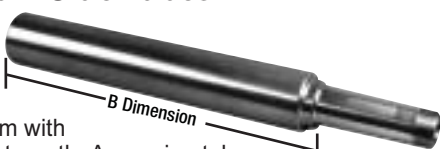
2-7/8" Wide 5 Aluminum Axle Tubes



Part No.	Description
WIN3246-20.187	Aluminum Axle Tube, 20-3/16" Long
WIN3246-28.062	Aluminum Axle Tube, 28-1/16" Long

Wide 5 Aluminum Side Tubes

Straight, one-piece 3" O.D. side tube and spindle assemblies are manufactured from 7075-T6 aluminum with 90,000 lbs. of tensile strength. Approximately 9 lbs. lighter than steel units.



Part No.	Lengths		
	B Dim.	Overall	Axle Length
WIN6672-34	22.5"	28"	34"
WIN6672L-35	23.5"	29"	35"
WIN6672L-36	24.5"	30"	36"

9" Ford/2-1/2" GN Side Tube Accessories

Part No.	Description
WIN7103-01	Spindle Nut, RH
WIN7103-02	Spindle Nut, LH
WIN7118	Tanged Lock Washer
WIN7271	2-1/2" GN Double Lip Snout Seal



Axle Side Tube Seals

Seals prevent lubricant from entering the side tubes and are available for aluminum or steel axle tubes.



Part No.	Description
WIN2841	Steel Axle Tube Seal
WIN2842	Aluminum Axle Tube Seal
WIN3485	Steel Axle Tube Seal, .200" Wall Tubes, Purple Used with Ford 9" Winters Assemblies
WIN7267	O-Ring for Inner Tube Seal, 2.600" I.D. NEW!



Bolt-On Spindles

Part No.	Description	Camber	Tube Part No(s).
Wide 5			
WIN6620	Steel Spindle	Straight	6577/6603/1400A-W5/1400-W5
WIN6620HT	Steel Spindle, Heat Treated	Straight	6577/6603/1400A-W5/1400-W5
WIN6620C-05	Steel Cambered Spindle	0.5°	6577/6603/1400A-W5/1400-W5
WIN6620C-10HT	Steel Cambered Spindle, Heat Treated	1°	6577/6603/1400A-W5/1400-W5
WIN6620C-15HT	Steel Cambered Spindle, Heat Treated	1.5°	6577/6603/1400A-W5/1400-W5
2" GN 5 x 5"			
WIN1384	Aluminum Spindle	Straight	1400/1400A
WIN1384-05	Steel Spindle	0.5°	1400/1400A
WIN1384-10	Steel Spindle	1°	1400/1400A
WIN1384-15	Steel Spindle	1.5°	1400/1400A

2-1/2" Grand National Steel Rear Hub Assemblies

Winters steel hubs accept 2-1/2" bearing assemblies and have 5 x 5" or 5 x 4.75" bolt pattern. Investment-cast, 4140 steel hub includes 5/8"-11 coarse thread studs, races, and drive flanges. Hubs weigh 9 lbs., 10 ozs. and are sold individually.



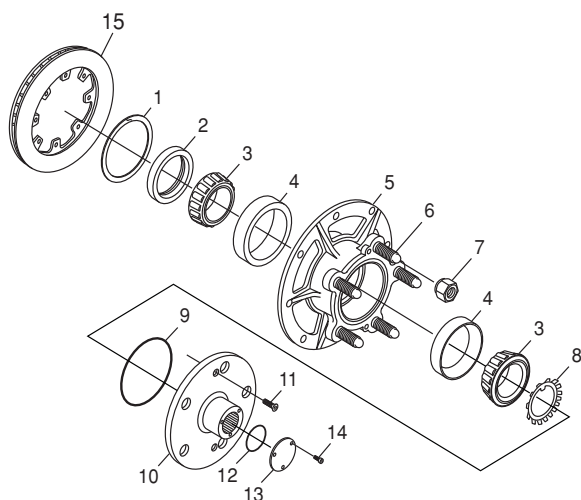
Part No.	Description
WIN2255C-P	5 x 5" Platinum Rear Hub Assembly
WIN2566C-P	5 x 4.75" Platinum Rear Hub Assembly
Replacement Components	
WIN1750-P	5 x 5" Platinum Rear Hub Assembly, Bare
WIN4310	Dust Cap Kit, Includes Cap, O-Ring and Fasteners

Note: Please see the following page for an illustrated parts breakdown



TIM WILBER

JIM DENHAMER



2-1/2" Grand National Steel Rear Hub Assembly Components

No.	Description	Part No.	Qty.
1	Retaining Ring	WIN7644	1
2	Seal	WIN7201	1
6	5/8"-18 x 3" Stud, Fine	WIN1684	5
6	5/8"-11 x 3" Stud, Coarse	WIN1755	5
6	Press-In Coarse Thread Stud Kit, 5/8"-11 x 4"	WIN8940	1 Kit
7	Steel Coarse Thread Lug Nut, 5/8"-11	ALL44106	10 Pk.
8	Bearing Lock Washer	WIN7118	1
9	O-Ring, Hub 5 x 5"	WIN7478	1
9	O-Ring, Hub 5 x 4-3/4"	WIN7494	1
10	Flange, 5 x 4-3/4"	WIN1680-475	1
10	Flange, 5 x 5"	WIN1680	1
11	5/16"-18 x 5/8" FHCS	WIN7913	2
12	O-Ring, Dust Cap	WIN7479	1
13	Red Dust Cap	WIN1726	1
14	10-24 x 3/8" SHCS	WIN7938*	3
15	Rotor	Optional	1

Magnesium Wide 5 8-Bolt Hubs

The ultimate lightweight hub assembly. Includes races and hollow studs. Lug nuts not included.

Part No.	Description
WINK6955FHD-8208H*	Front Wide 5 Magnesium Hub, Thermal Dispersant Coated
WINK6955HD-8208H	H.D. Wide 5 Magnesium Hub, Thermal Dispersant Coated
WIN3215	8-Bolt Rear Drive Flange

* Includes dust cap and is front only.

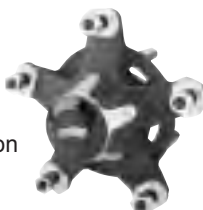


WINK6955FHD-8208H

"007" Front Wide 5 Hub

Lightweight magnesium "007" front hub is oil-filled for improved bearing life, reduced friction, and increased performance. Screw-on dust cap, bearing and seal kit, and aluminum lock nut are included.

Part No.	Description
WINK4045F	Front Wide 5 Hub
WIN5094BK	Replacement Dust Cap, Black
WIN8328	Replacement Seal Retaining Ring
WIN8430	Replacement Inner O-Ring



"007" Rear Wide 5 5-Bolt Hubs

Aluminum and magnesium "007" hubs are oil-filled to increase bearing life, reduce friction, and run cooler. Hubs include 5-bolt 7075-T6 aluminum drive flange, bearing and seal kit, and aluminum lock nut.



Part No.	Description
WIN4045*	Aluminum 5 x 5 Hub
WINK4045*	Magnesium 5 x 5 Hub
WIN3177	Replacement 5-Bolt Dust Cover Gasket
WIN3230-55	Rear Hub Drive Flange, 5-Bolt
WIN7417	Dust Cap O-Ring
WIN7490	Drive Flange Locator O-Ring
WIN8328	Replacement Seal Retaining Ring
WIN8430	Replacement Inner O-Ring
WIN12177-5	Drive Flange Stud Kit, 5-Bolt Hubs, Includes (5) Studs

* Aluminum or magnesium hubs listed above are not designed for high-load asphalt applications.

Magnesium Wide 5 5-Bolt Hubs

WINK3226-8208H

Lightweight cast magnesium Wide 5 hub may be used on front or rear, and includes a 5-bolt pattern to accept a dust cap or drive flange. Bearings, seal, races, wheel studs, dust cap/drive flange, etc. not included.



Aluminum Wide 5 8-Bolt Hub

WIN6690

Complete with races and studs. Weighs 7.75 lbs. Used in front or rear applications. Lug nuts not included.



Contoured Wide 5 8-Bolt Front Hub Caps

Stamped from aluminum, with the Winters Products logo.

Part No.	Description
WIN5094R	Wide 5 Front Hub Cap, Red
WIN5144	Gasket (Sold Separate)

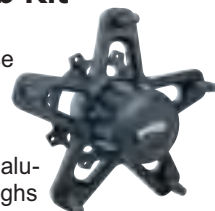


WIN5094R

Trackstar 10 Front Wide 5 Hub Kit

WIN12240

Constructed from 2024-T3 aluminum, these lightweight 10 spoke hubs are oil-filled to increase bearing life, reduce friction, and run cooler. Kit includes aluminum hub, rotor mount, gun-drilled studs, bearings, seal kit, aluminum lock nut, and screw-on cap. Hub weighs 7.75 lbs.



Trackstar 10 Rear Wide 5 Hub Kit

WIN12242

These 10-spoke 2024-T3 aluminum hubs are oil-filled to increase bearing life, reduce friction, and run cooler. Kit contains aluminum hub, 5-bolt 7075-T6 aluminum drive flange, rotor mount, gun-drilled studs, bearings, seal kit, bolt-on flat cap, and aluminum lock nut. Hub weighs 7.95 lbs.





2-7/8" Wide 5 Front Hub Kit WIN3750F

Manufactured from permanent-mold aluminum with a polished finish, hub kit is sold complete with 5-bolt dust cap, bearings, seal kit, steel lock-nut kit, and oil fill and level plug. Complete hub assembly, which includes oil fill and level plug, weighs just 6 lbs.



Part No.	Description
Replacement Components	
WIN3278	Gasket, Dust Cap
WIN3289	5-Bolt Aluminum Dust Cap
WIN7289V	Seal
WIN8658	Bearing Cup and Cone Set

2-7/8" Wide 5 Rear Hub Kit WIN3750

Polished, permanent-mold aluminum hub is sold complete with 5-bolt, 7075-T6 billet aluminum inverted drive flange, bearings, seal kit, steel lock-nut kit, and oil fill and level plug. Complete hub assembly weighs just 6.6 lbs.



Part No.	Description
Replacement Components	
WIN3698	Billet Aluminum Inverted Drive Flange
WIN7289V	Seal
WIN8658	Bearing Cup and Cone Set

Wide 5 Hub Components and Accessories

Part No.	Description
WIN12305	1-Ton Wide 5 Hub, Inner Wheel Bearing and Race
WIN12306	1-Ton Wide 5 Hub, Outer Wheel Bearing and Race
WIN12537	1-Ton Wide 5 Hub, Hub Seal
WIN12542	1-Ton Wide 5 Hub, Spindle Nut Socket
WIN6105-1TON	1-Ton Bearing, Aluminum Lock Kit with Seal
WIN12363	Standard Wide 5 - 5 x 5 Front Hub, Single Lip Viton Seal
WIN3262	2-7/8" Wide 5 Rear, Inner Bearing Spacer
WIN4301S	2-7/8" Wide 5 Rear, Steel Spindle Lock Nut Kit.
WIN3269	2-7/8" Wide 5 Front, Spindle Nut Wrench Plate, 1/2" Drive
WIN7484	O-Ring, 3- and 4-Bolt Wide 5 Hub Caps NEW!

Chrome Wide 5 Wheel Locator WIN6635C

For 8-bolt wide 5 hubs.



Viton Wide 5 Hub Seal WIN7210V

Fits popular wide 5 hubs.



Wide 5 Cambered Drive Flange **NEW!** WIN1153CB

Wide 5 8-bolt 24-spline cambered drive flange is made of red anodized billet aluminum. Kit includes a black 80-durometer spool.



Wheel Studs

Part No.	Description
WIN1684	Flanged Stud, 5/8"-18 (Fine), 3.188" O.A.L.
WIN1701	Flanged Stud, 5/8"-11 (Coarse), 2.500" O.A.L.
WIN8940	Press-In Stud Kit, 1" Longer with QuickStart, Includes (5) 5/8"-11 x 4" Long Studs
WIN8941	Screw-In Stud Kit, Includes (5) 5/8"-11 x 2-7/8" Screw-In Studs



Elastic Dampener Drive Flange Replacement Spools

Round urethane spools are available in three durometer hardnesses and are sold individually.



Part No.	Description
WIN1149B	Black, Soft 80 Durometer
WIN1149R	Red, Med 90 Durometer
WIN1149Y	Yellow, Hard 95 Durometer

Crown Spline Drive Flange WIN1279AX5

True crown spline coupler features a billet aluminum 5-bolt flange. Designed for use with cambered spindles, drive flange may be used with 31/24-spline crown spline axles, solid or gun-drilled.



Part No.	Description
Related Component	
WIN2266	Drive Flange Studs, Each

Ford 9" Steel Spool WIN95034-15S

Manufactured from forged alloy steel that has been fully heat-treated and stress-analyzed, Ford 9" spool has been scalloped and drilled to minimize rotating weight. Spool accepts 31-spline axles and has 1.782" bearing journals.



Ford 9" Aluminum Housing WIN5243

A lightweight replacement for the steel Ford 9" housing, the Winters aluminum housing offers many advantages. Includes push-in 3" side tube assemblies that make replacement easy and increased sump capacity to keep differential assembly cooler during long races. An oversized inspection-filler plug permits a quick, easy check of ring gear condition.



Legends • Aluminum Spool WIN6839-31

Mopar 8-3/8" 31-spline, 10-bolt aluminum spool.





Falcon Roller Slide Transmission WIN60120B

Roller Slide transmission combines the benefits of increased drive-line travel, reduced maintenance, and improved durability. Unit telescopes a full 5-1/2" at the rear yoke, allowing the drive line and suspension to move forward and rearward without inducing or limiting roll steer. Transmission has two forward speeds and reverse, while an integral hydraulically applied clutch operates low and reverse. High gear is a direct drive 1:1 ratio and a floating 10-spline (Bert/Brinn) input shaft offers positive high-gear retention.



Part No.	Description
Roller Slide Components	
WIN61734-36	Forward Clutch Pack Hub, 36-Tooth with Aluminum Insert NEW!
WIN61853-6-1	Friction Discs, 6-Pack NEW!
WIN62874	Rear Output Flange (Yoke)
WIN62879-10	Main (Input) Shaft, 10-Spline
WIN67282V	Extension (Output) Housing, Viton Seal
WIN67347	Output Shaft, Steel Roller Ball
WIN67678	Extension (Output) Housing, Retaining Ring Seal
WIN68372	Rear Output Flange (Yoke), Belleville Washer
WIN68373	Rear Output Flange (Yoke), 5/8"-18 x 1" Hex Head Bolt
Roller Slide Components	
WIN62872	Roller Slide Output Shaft NEW!
WIN63476-2	Basic Roller Slide Transmission Rebuild Kit NEW!
WIN63477-2	Complete Roller Slide Transmission Rebuild Kit NEW!
Rebuild Kit	
WIN62822-2	Complete Rebuild Kit, Includes New Style Clutch Discs and Steel Plates to Upgrade Older Style and Rebuild Current Models

Chevy 6-1/4" Deep Aluminum Flywheel Housing

Lightweight bellhousing has provisions for a reverse-mount starter and accepts belt- or camshaft-driven pumps and internal clutch late model transmissions. Idler gear, starter ring gear, crank coupler with HTD gear, and spacer shims are included.



Part No.	Description
WIN62816	Grease Fitting, Bellhousing Idler, Long
WIN62843	Aluminum Flywheel Housing, Includes Coupler for Falcon Transmission
WIN62843B	Aluminum Flywheel Housing, Includes Coupler for 10-Spline Bert/Brinn Transmission
WIN63844-10H	SB Chevy Ext. Balance 64-Tooth Flywheel with 10-Spline HTD Steel Crank Coupler NEW!
WIN64334	Bellhousing Filler Panel

Chevy HD Aluminum 153T Flywheel Housing **NEW! WIN62787**

A heavy-duty version of the stock GM flywheel housing, unit retains the OEM dimensions and is designed for use with block mounted starters and hydraulic clutch release bearings. Engineered for use with a 153-tooth flywheel, housing may be used with Falcon, Raptor, Saginaw 3-speed or T-10 type transmissions. Weighs just 9 lbs., 14 oz.



Part No.	Description
Related Component	
WIN62866	Late Chevy 153T Flexplate, External Balance, 1-Pc. Rear Main Seal

CT525 Crankshaft Adapter

Special adapter bolts directly to crankshaft of popular GM LS Series "525" crate motor or other LS engines and adapts it to early Chevy bolt pattern, allowing for compatibility with popular crankshaft couplers. Requires WIN68938 bolts.



Part No.	Description
WIN64976	Chevy LS Series Crankshaft Adapter
WIN68938	Crankshaft Adapter Bolts, 11 mm, 6 Pcs.

Raptor Late Model Transmission WIN60200

This non-synchro, sliding gear aluminum transmission has two forward speeds, with high gear being direct drive 1:1 ratio. All gears and shafts rotate on frictionless bearings which attribute to its durability and smooth operation. The front bearing retainer works with most hydraulic clutch release systems on the market, as well as single or multi-disc clutches. Weighs 42 lbs., 10 oz.



Falcon Late Model Transmission WIN60100

The Falcon has two forward speeds and reverse. An integral hydraulically applied clutch is operational in both low and reverse gear. High gear is direct drive. A floating input shaft contributes to positive high-gear retention and frictionless bearings support all rotating components with remarkable durability. Weighs just 43 lbs.



Part No.	Description
Replacement Components	
WIN61734-36	Forward Clutch Pack Hub, 36-Tooth with Aluminum Insert NEW!
WIN61735	Clutch Gear
WIN61741	Sliding Gear
WIN61743	Reverse Counter Shaft
WIN61745	Transmission Case, Aluminum
WIN61847	Clutch Spring Spacer
WIN61852-1	Clutch Disc, Steel, Each
WIN61853-1	Clutch Disc, Friction, Each
WIN61853-6-1	Friction Discs, 6-Pack NEW!
WIN61877	Aluminum Extension Housing
WIN61903	Output Shaft
WIN62156	Side Cover Gasket
WIN62341	Idler Gear Return Spring
WIN62348-18*	Chevy Crank Coupler, 18-Spline
WIN62350-18	Late Chevy Crank Coupler, for One-Piece Rear Main Seal
WIN62354	Spacer, Clutch Gear
WIN62407*	Input Collar
WIN62409	Input Shaft 18/10-Spline, Use with Bert or Brinn 10-Spline Couplers
WIN62446	Early Chevy Crank Coupler, with 24-Tooth HTD
WIN62447	Crankshaft Coupler, 10-Spline with 22-Tooth HTD Pulley
WIN62901*	Input Shaft 18/18
WIN62946-6	27-Spline Slip Yoke, 6" Long, 1310 Series
WIN62946-8	27-Spline Slip Yoke, 8" Long, 1310 Series (Recommended)
WIN62946-9	27-Spline Slip Yoke, 9" Long, 1310 Series
WIN63844-18	Late Chevy Crank Coupler/Ring Gear Assembly, 18-Spline, Ext. Balance
WIN67256	Front Input Seal
WIN67257	Extension Housing Seal
WIN67259	Shifter Shaft Seal
WIN67480	O-Ring, Counter Shaft
WIN67481	O-Ring, Reverse Shaft
WIN67560	Thrust Washer, .093"
WIN67562	Thrust Bearing
WIN67574	Bearing, Extension Housing
WIN67691	Retaining Ring, Extension Housing Bearing
WIN67991	Roll Pin, Counter Shaft
WIN68035	Fill Plug

* Included with transmission.



Dirt Modified Driveshaft Spring NEW! WIN5269

Engineered for use on Dirt Modifieds, spring installs inside of the transmission slip yoke, allowing the driveshaft to move freely throughout suspension travel. Engineered for use with 1310 slip yokes, chrome-plated steel spring is 1.079" I.D.x 2.095" long.



Powerglide Drive Assembly Outer Snap Ring NEW! WIN7614

Spiral lock-style snap ring secures Powerglide drive assembly.



Small Block Chevy 23° Forged Max Series Flat Top Piston Kits

Max Series 23° small block 350 Chevy kits utilize strutted, high-strength 2618 alloy pistons with low-friction metric piston rings. Flat-top pistons feature ArmorGlide-coated skirts for reduced scuffing and lateral gas ports for maximum compression sealing. Pistons are sold in sets of eight, complete with 1.2 mm, 1.2 mm, and 3.0 mm metric GFX piston rings, .927" x 2.250" piston pins and spiral locks.



Part No.	Bore	Stroke	Rod Length	"0" Deck Height at	Comp. Height	Dome Volume
WISK0002X3	4.030"	3.480"	6.000"	8.990"	1.250"	-5.7cc
WISK0003X3	4.030"	3.480"	5.700"	8.990"	1.550"	-5.7cc
WISK0003X4	4.040"	3.480"	5.700"	8.990"	1.550"	-5.7cc

Small Block Chevy 23° Hollow Dome Pistons

Small block Chevy 350 forged 2618 alloy pistons combine the benefits of hollow domes and a strutted, high-strength design. Piston skirts are coated with friction-reducing ArmorGlide, while lateral gas ports aid compression sealing. Pistons accept .043", .043", and 3.0 mm piston rings. Sold in sets of eight, complete with .927" x 2.250" piston pins and spiral locks.



Part No.	Bore	Stroke	Rod Length	"0" Deck Height At	Comp. Height	Dome Volume
WISK0129B3	4.030"	3.480"	6.125"	9.025"	1.125"	13.5cc

CT525 Crankshaft Adapter

Special adapter bolts directly to crankshaft of popular GM LS Series "525" crate motor or other LS engines and adapts it to early Chevy bolt pattern, allowing for compatibility with popular crankshaft couplers. Requires WIN68938 bolts.



Part No.	Description
WIN64976	Chevy LS Series Crankshaft Adapter
WIN68938	Crankshaft Adapter Bolts, 11 mm, 6 Pcs.

GM LS Professional Series Forged Piston Kits NEW!



Professional Series pistons for GM LS applications are manufactured from high-strength 2618 alloy and feature ArmorGlide-coated skirts for reduced scuffing. Sold in sets of eight, complete with 1.2 mm, 1.2 mm, and 3.0 mm metric GFX piston rings (unless specified), piston pins, and spiral locks.

Part No.	Bore	Stroke	Rod Length	"0" Deck Height At	Comp. Height	Dome Volume
Flat Top/Standard Stroke						
WISK398X1	4.010"	3.622"	6.125"	9.236"	1.304"	-3.2cc
Dome Top/Standard Stroke						
WISK444X3	4.030"	3.622"	6.125"	9.236"	1.300"	-11cc
Flat Top/4.000" Stroke						
WISK448X3	4.030"	4.000"	6.125"	9.235"	1.110"	5cc
Dome Top/4.100"/4.125" Stroker						
WISK454X7	4.070"	4.100"/4.125"	6.125"	9.225"/9.237"	1.050"	-14cc
Dish Top/4.000" Stroke						
WISK456X3	4.030"	4.000"	6.125"	9.235"	1.110"	-20cc

Ford 2.3L Flat-Top Pistons

Popular for use with Mini Stocks, forged 2618 alloy flat-top pistons are machined for popular 1/16", 1/16", and 3/16" piston rings. Sold in sets of four, complete with 4140 chrome moly wrist pins and spiral locks.



Part No.	Bore	Stroke	Rod Length	"0" Deck Height at	Comp. Height	Dome Volume
WISK120A3	3.810"	3.126"	5.205"	8.358"	1.590"	-3.4cc
WISK120A4	3.820"	3.126"	5.205"	8.358"	1.590"	-3.4cc
WISK157A3*	3.810"	3.126"	5.700"	8.353"	1.090"	-3.4cc
WISK157A4*	3.820"	3.126"	5.700"	8.353"	1.090"	-3.4cc

* Pistons are engineered for use with small block Chevy 5.700" connecting rods.



Racing Oil Filters

Wix racing oil filters use "glass enhanced" cellulose media, to capture particles as small as 10-12 microns, removing up to 94% more dirt than traditional filters. Some styles include built-in bypasses to maintain oil pressure even under heavily clogged conditions.



Part No.	Application	Height	Dia.	Thread Size	By-Pass Rate	Flow
WIX51060R	Chevy	5.170"	3.600"	13/16"-16	None	28 GPM
WIX51061R	Late GM	5.178"	3.660"	13/16"-16	None	28 GPM
WIX51069R	Chevy	4.330"	3.600"	13/16"-16	None	28 GPM
WIX51222R	Remote Mount	6.210"	4.600"	1-1/2"-12	18-22 PSI	28 GPM
WIX51515R	Chrysler/Ford	5.170"	3.600"	3/4"-16	8-11 PSI	28 GPM
WIX51794R	Chevy	7.820"	3.600"	13/16"-16	None	28 GPM
WIX57003R	Remote Mount	6.210"	4.600"	1-1/2"-12	18-22 PSI	30 GPM
WIX57007R	Remote Mount	5.900"	4.200"	1-1/2"-16	18-22 PSI	30 GPM

Racing Air Filters

Racing air filter elements flow over 1,000 CFM without compromising filtering qualities. The Wix racing air be used to filter remove dirt, debris, and other contaminants before they enter the engine, extending piston ring life Filters are offered for asphalt or dirt racing.

Part No.	Description
Asphalt Racing Air Filters	
WIX46945R	14" Dia. x 3" Tall
WIX46926R	14" Dia. x 3.25" Tall
WIX46948R	14" Dia. x 3.50" Tall
WIX46927R	14" Dia. x 3.75" Tall
WIX46944R	14" Dia. x 4" Tall
WIX46974R	16" Dia. x 3" Tall
WIX46949R	16" Dia. x 3.5" Tall
WIX46940R	16" Dia. x 4" Tall
Dirt Racing Air Filters	
WIX42096R	14" Dia. x 4" Tall



WIX46945R



WIX42096R

Chevy Spin-On Oil Filter Conversion Kit WIX24061

Convert 1956-67 Chevy V-8's from OEM canister type to spin-on oil filter. Includes base, gasket, mounting bolts, and instructions.



Oil Filter Adapters

When exhaust header-to-oil filter clearance is an issue, specialized adapters convert engine-mounted filters to a remote-mounted base. Adapters include 1/2" NPT female inlet and outlet ports. Oil lines must be purchased separately.



Part No.	Description
WIX24730	3/4"-16 Threads (Ford/Chrysler)
WIX24734	13/16"-16 Threads (GM)

Remote Mount Oil Filter Mounting Base

Used with an oil filter adapter, remote-mounted base can filter engine oil, transmission fluid, etc. Base has three mounting holes, dual 1/2" NPT inlet and outlet ports, and two 1/2" NPT plugs for blocking off unused ports.



Part No.	Description
WIX24764	Remote Mounted Base, Accepts 3/4"-16 Filters (Ford/Chrysler)
WIX24766	Remote Mounting Base, Accepts 13/16"-16 Filters (GM)



TIG Welder WWFTIG-180

Designed for home or light-duty industrial use, TIG welder can weld from .025" to 3/16" mild steel. Solid-state electronics are housed in a sturdy metal cabinet. 220-volt, single-phase electric welder offers infinitely variable output control and a 60% duty cycle. Includes power source, electrode holder, ground cable with clamp, and power cord.



120-Amp MIG Welder WWFMIG-190

Flux-core wire machine requires no gas and is ideal for home or light-duty industrial use. 220-volt, single-phase electric welder includes solid-state electronics housed within a sturdy metal cabinet. Sold complete with power source, MIG gun with 6' cable, ground clamp and cable, spool of weld wire, and power cord.



Plasma Cutting Machine **NEW!**

Plasma cutter is able to cut up to 1/2" thick mild steel. 220-volt, single-phase electric unit, which features a 20-40-amp current range and 60% duty cycle, incorporates solid state electronics into a sturdy metal cabinet. Includes hand torch with cable, ground cable with clamp, and power cord.



Part No.	Description
WWFPL500	Plasma Cutting Machine
WWFPL-KIT	Consumable Kit for WWFPL500/WWFPL320, Includes (5) Dual-Sided Electrodes, (5) Nozzles, (2) Ceramic Cups, & (2) Ceramic Diffusers

Welding Cart WWFWC8202

Heavy-duty portable welding cart combines durable steel construction with easy rolling wheels to provide effective storage and transport for most welders. Black powder coated cart measures 21"H x 24-1/2"L x 16-3/4"D and includes plenty of space for welder, gas bottles, and related accessories.





90° Cast Iron Welding Clamps

Heavy-duty cast iron 90° clamps are designed to hold parts securely during welding. Clamps include a self-centering and swiveling rear jaw that can hold items of varying sizes. Offered in two sizes, clamps feature machined surfaces and are assembled using copper-plated Acme screws for durability.



Part No.	Description
WWFC-2.3	2-3/8" Maximum Opening
WWFC-4.0	4" Maximum Opening

Economy Folding Welding Table WWFWFWT2030

Welding table has a large, 20" x 30" working surface constructed of heavy 14-gauge steel, complete with slots for clamping. Folds for easy storage, and features rubber feet for added stability.



Magnetic Weld Positioning Clamp WWFWFMC

Magnetic clamp holds parts at virtually any angle for welding. Steel clamp has 4-3/4" edges and requires no batteries or power.



Tube Straightener WWFTT100

Tube straightener mounts to a workbench or clamps in a vise and straightens coiled tubing quickly using (5) easy turning, 2-3/8" dia. non-marring Delrin wheels. Adjustable for use on 3/16" through 1/2" dia. round tubing.



Pipe/Tube Bending Kit WWFSPBENDKIT

Perform smooth, kink-free bends to 3/8" through 7/8" round and 3/4" or 1" square tubing. Tool kit mounts to a bench top or clamps in a vise, and features an extension handle and threaded adjustment. Includes rugged cast iron base, handle, and dies (3/8", 1/2", 9/16", 5/8", 3/4", and 7/8" for round tubing, 3/4" and 1" for square tubing).



Hand Tubing Bender WWFWF4-1BEND

Hand-operated, 12" long unit allows creation of kink-free bends for brake lines, transmission lines, etc. All-in-one, easy-to-use tool is capable of bending 3/16", 1/4", 5/16", and 3/8" tubing.



Hole Saw Pipe Notcher WWFSPPIPENOTCH

Designed for use with a hand-held drill motor or drill press, pipe notcher accepts standard hole saw blades up to 2-1/2" or pipe up to 2", while allowing compound angle adjustments up to 60° using an easy-to-read angle scale. Features a chrome-plated frame and bronze bearing for long service life.



Manual Tube and Pipe Bender WWFWFB2

Manually-operated unit can effectively bend up to 2" round or square tubing. Metal-framed bender uses CNC-machined components, engraved degree ring, and 36" handle for smooth, precise operation. Optional stand converts unit from bench-top to stand-alone operation. Manual tube bender dies may be purchased separately.



Part No.	Description
WWFWFB2STAND	Optional 37" Tall Stand for WFB2
WWFWFBDT11/2X5	1-1/2" Round O.D. Tube Die x 5" CLR 120° Die Set
WWFWFBDT11/2X5-180	1-1/2" Round O.D. Tube Die x 5" CLR 180° Die Set
WWFWFBDT11/4X4	1-1/4" Round O.D. Tube Die x 4" CLR 120° Die Set
WWFWFBDT11/4X4-180	1-1/4" Round O.D. Tube Die x 3" CLR 180° Die Set
WWFWFBDT13/4X6	1-3/4" Round O.D. Tube Die x 6" CLR 120° Die Set
WWFWFBDT13/4X6-180	1-3/4" Round O.D. Tube Die x 6" CLR 180° Die Set
WWFWFBDT15/8X5	1-5/8" Round O.D. Tube Die x 5" CLR 120° Die Set
WWFWFBDT15/8X5-180	1-5/8" Round O.D. Tube Die x 5" CLR 180° Die Set

Pipe Notcher WWFWFN6

Engineered for use with any 1/2" hand drill, tool mounts to a bench or clamps in a vise and works with tubing from 3/4" to 3" O.D., notching it as desired. Notcher features solid steel construction with a hardened and ground spindle that accepts standard hole saws.



3-in-1 Bend-Roll-Shear Machines

Versatile bench-top units are capable of bending, rolling, or shearing up to 20-gauge mild steel. Offered in 12" or 30" long versions, units use 1-1/2" diameter solid steel rollers, while removable fingers are used for box and pan bending.

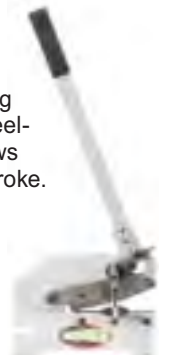


Part No.	Description
WWFSP3-1-12	12" Long Bend-Roll-Shear Machine
WWFSP3-1-3	30" Long Bend-Roll-Shear Machine

Throatless Hand Shears

Hand shears, offered in 8", 10", or 12" long versions, utilize a throatless design that allows cutting up to 3/16" flat steel or 3/8" round bars. Heavy steel-framed units use an arched upper blade that allows virtually effortless cutting throughout the entire stroke.

Part No.	Description
WWFSPHS8	8" Throatless Hand Shear
WWFSPHS10	10" Throatless Hand Shear
WWFSPHS12	12" Throatless Hand Shear





Throatless Rotary Shear

WWFWFMS

Bench-top shear may be used to cut virtually any shape out of metal, up to 1/8" thick. Forged steel-framed unit combines a ratcheting head, adjustable cutter, and adjustable work stop to aid performing precise cuts.



BOSS 16-Gauge Box and Pan Brake

WWFWBOSS16

The BOSS is capable of making precise bends up to 1/16" (16-gauge) mild steel. Box and pan brake uses rigid fingers, heavy trusses, braces, and bronze bearings at the pivot points to eliminate deflection. Unit uses removable 2", 3", and 4" fingers, and includes a bend angle stop that may be set from 0°-130°. Brake is 48-1/4" long and is sold complete with heavy-duty floor stand.



24" x 20-Gauge Box and Pan Brake

WWFWFBP2420

Bench-top box and pan brake includes five removable fingers (1", 2", 3", 8", and 10"), and is capable of bending up to 20-gauge (.032") mild steel up to 24" wide.



48" x 16-Gauge Box and Pan Brake

WWFWFBP4816

Popular 48" long unit features heavy-duty construction with a reinforced frame and is capable of bending up to 16-gauge mild steel. Box and pan brake uses 16 hardened and ground fingers (5x2", 5x4", and 6x3")



English Wheel WWFWFEW-2

Designed for forming up to 1/16" mild steel, English Wheel uses a large, 8" top wheel, quick release lower anvil and 28" throat depth. 60" tall unit is constructed using a heavy-duty boxed frame complete with floor stand. Sold complete with 6-piece anvil set (2-3/8", 3", 5", 8-1/2", and 12" radius, and one flat anvil).



24" Power Bead Roller

WWFWFBR24P

Variable speed bead roller has an 18-gauge capacity, is powered by a 1/4 HP gear drive motor, and uses a convenient foot pedal control. Unit has a 24" throat depth and is operable in forward or reverse. Sold complete with floor stand, die rack for convenient storage, and 1/2" round bead die.



Super Bead Roller **NEW!**

Unit, which includes a 18" throat depth, is ideal for applying metal strengthening beads to floor pans, trunk pans, firewalls and any other sheet metal projects that are 18 gauge or thinner. Super Bead Roller includes a rigid, .680" thick frame to eliminate any possibility of twisting. Sold complete with six sets of dies. Optional, 1/2 HP electric motor may be used to convert the Super Bead Roller from manual to power.



Part No.	Description
WWFWFBRB18	Super Bead Roller
WWFWFBRP-M	Electric Motor for WWFWFBRB18, Converts Manual Bead Roller to Power

Manual Bead Roller

WWFWFBR6

Versatile and affordable, popular unit can create beads on up to 18-gauge sheet metal. Ideal for use when working with floor pans, trunk pans, and firewalls. Unit has an 18" throat depth and includes (3) round (1/4", 3/8", and 1/2") and (3) step dies (1/16", 1/8", and 1/4"), which aid in making distinct beads and bead profiles. A variety of dies may be purchased separately. All dies listed are 2" dia. and include a .866" bore (22 mm).



Part No.	Description
WWFWFBR6-45	Step Die 45°, Steel
WWFWFBR6-ART	Art Roll Die Set, Steel
WWFWFBR6-FENCE	Bead Roller Fence Guide, Aids Making Straight Beads
WWFWFBR6-HEM	Hem Die Set 90°, Steel
WWFWFBR6-HEMSET	3-Pc. Hem Set, (1) 90°, (1) 140° & (1) Flat Wheel
WWFWFBR6-SPOILER	1-1/4" Radius Spoiler Roll Set, Steel
WWFWFBR6-TANK	15/32" Tank Roll Set, Steel
WWFWFBR6-STAND	Bead Roller Stand, Provides 40" Tall Work Height & Die Storage
WWFWFBR6-TIP	Tipping Die Set, Steel
WWFWFBR6-TUBE	Tube Beading Die Set, Steel, for 1-1/2" I.D. Tube & Larger

Planishing Hammers

WWFWFPH26-T

Industrial planishing air hammer workstations may be used to form up to 16-gauge mild steel or up to 1/8" aluminum. Complete with floor stand, units include quick-adjust anvil height and convenient foot pedal for ease of use. Units require 110-volt electric and a compressed air source with 50-100 PSI.

Part No.	Description
WWFWFPH26-T	26" Planishing Hammer
WWFWFPL2	19-5/8" Planishing Hammer



Elite Slip Rollers

Floor-mounted, professional-style Elite series units include the ability to roll up to 16-gauge steel using an advanced two-speed gear box. Heavy-duty rollers feature robust, cast iron frames, with a quick-release top roll for ease of use. Choose from 24", 41", or 50" length units.



Part No.	Description
WWFWFSRELITE24	24" Elite Slip Roller
WWFWFSRELITE41	41" Elite Slip Roller
WWFWFSRELITE50	50" Elite Slip Roller



Slip Rollers

Easy-to-operate units allow rolling up to 20-gauge sheet metal quickly and effectively. Sturdy bench-top units combine cast iron side frames with precision ground and hardened steel rolls for rolling tight radii. Rollers additionally include rolls with wire groove for forming rounds in small increments.



WWFWFSR1.0

Part No.	Description
WWFWFSR1.0	12" Length Slip Roller, 1" Dia. Rolls
WWFWFSR12	12" Length Slip Roller, 1-1/4" Dia. Rolls
WWFWFSR24	24" Length Slip Roller, 1-1/2" Dia. Rolls
WWFWFSR40	40" Length Slip Roller, 2" Dia. Rolls

Super-Duty Metal Shrinker/Stretcher

WWFWFSS-SD

Bench top unit uses a reinforced cast iron frame with 3" deep throat and is compatible with up to 18-gauge mild steel. Unit includes both shrinker and stretcher jaws, and uses set screws for precise jaw clamping.



Shrinker/Stretcher Combo System

WWFWFSS101-2

Affordable entry level shrinker/stretcher is ideal for making small repair panels for wheel openings, wind-shields, etc. Compatible with 18-gauge steel or 16-gauge aluminum, bench-mounted or vise-clamped unit is capable of producing curves as tight as 3". Sold complete with (2) bodies, (2) jaws, and (2) handles.



Flat Bar Rolling Machine

WWFWFTR4

Rigidly constructed bench-top machine may be used to roll up to 1/4" x 1-3/4" solid material or 1-1/2" x 1-1/2" x 1/16" square tubing. Unit includes an adjustable, 1/4" to 1-1/2" square tube die.



Hammer and Dolly Kit

WWFWFHAMMERD

Often required when forming, shaping, or straightening sheet metal during auto body work, neatly boxed kit includes (3) hammers and (3) dollies.



Sheet Metal Thickness Gauge

WWFWFSG

Handy tool quickly determines sheet metal thickness. Easy-to-read scale is engraved 0-30 gauge on one side and .0125"-.3125" on the reverse side.



Rolling Machine

WWFWFTR45

Right at home in most steel fabrication shops, precision rolling machine is capable of rolling up to 1-1/2" tubing as small as 20" with up to .080" wall.



Tube/Pipe Rolling Bender

WWFWFTR5

Easy-to-operate, free-standing tube/pipe rolling bender utilizes chain-driven bottom rolls and is used to bend 1", 1-1/2", or 2" dia. tubing with up to 1/16" wall. Unit adjusts from 42"-50" high and is sold complete with 1", 1-1/2", and 2" round tube dies.



Cast Iron Vises

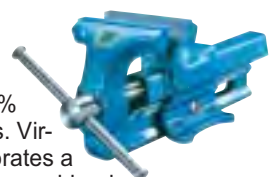
These solid cast iron vises offer a large anvil area, swivel base, and replaceable hardened steel pipe jaws at an economical price. Choose from 4" or 6-1/2" bench-mounted units.



Part No.	Description
WWFWFV4.0	4" Cast Iron Vise
WWFWFV6.5	6-1/2" Cast Iron Vise

Heuer Forged Steel Vises

Among the industry's leading bench vises, German-made Heuer units use forged steel frames, which are 35% stronger than traditional cast iron units. Virtually indestructible, each vise incorporates a specially-crafted spindle and precision-machined surfaces for exceptionally smooth operation. Choose from vises with fixed or replaceable jaws.



Part No.	Description
WWFVH100100	4" (100 mm) Jaw Width, Fixed Jaws
WWFVH100120	5" (120 mm) Jaw Width, Fixed Jaws
WWFVH100140	5-1/2" (140 mm) Jaw Width, Fixed Jaws
WWFVH100160	6-1/4" (160 mm) Jaw Width, Fixed Jaws
WWFVH100180	7" (180 mm) Jaw Width, Fixed Jaws
WWFVH101120	5" (120 mm) Jaw Width, Replaceable Jaws
WWFVH101140	5-1/2" (140 mm) Jaw Width, Replaceable Jaws
WWFVH101160	6-1/4" (160 mm) Jaw Width, Replaceable Jaws

Car Covers

Economical, 3-mil thick plastic covers are ideal for covering cars to protect them from dust, dirt, rain, bird droppings, etc. Offered in three sizes to fit a variety of different cars, trucks, or SUV's, covers include elastic along the bottom for a secure fit.



Part No.	Description
WWFWFCCC-SMALL	Small Car Cover, 19' Long
WWFWFCCC-MED	Medium Car Cover, 22' Long
WWFWFCCC-LARGE	Large Car Cover, 24' Long

Woodward Precision Steering Components, known for their unique features, are the choice of top professional drivers. For example, interchangeable pinion gear assemblies permit the installation of different steering ratios without having to change either the rack shaft or the housing.

Power Rack and Pinion Unit WOGE262CB-1825

Woodward's style GC power rack and pinion unit has a 2.62 ratio, is popularly used on Lefthander, Port City and Victory Circle chassis, is complete with cylinder and rod bracket installed. The direct-mount cylinder bolts to the rack housing with four symmetrical cap screws, and the rack shaft and piston rod are securely locked together to ensure parallel movement. No swivels or spherical rod ends are used for a solid, rigid connection with instantaneous response to the hydraulic assist. Unit has a 5/8"-18 threaded rack eyes and the part number suffix determines the length. Optional lengths and rack eyes with 5/8", 1/2", or tapered holes are available on a special order basis.



Power Cylinder Assembly WOGE150B

Double-acting power cylinder assembly with a hard-chromed piston rod bolts rigidly to all Woodward rack housings with four symmetrical socket head cap screws. Complete with boot, bolts, and steel hose fittings.



Replacement Power Steering Components

All internal cylinder parts are easily replaceable. Think ahead, these parts in the tool box would make excellent crash replacements.



WOGE101



WOGE361



WOOR150

Part No.	Description
WOGE101	Rack Bushing, Pair
WOGE264	Rod Bracket
WOGE360	Boot, Rack End
WOGE361	Boot, Power Cylinder
WOOR150	Cylinder Reseal Kit

Collapsible Steering Shaft WOOSCA500



Shaft telescopes during a head-on crash. The splined lower shaft is retained by an internal spring clip and may be removed by exerting a sharp pull, like that used to remove a front-drive axle. The SCA500 is designed to be tested for proper function at any time by disconnecting its U-joint.

Note: Under no condition should the unit be installed or used without the boot.

Lightweight Aluminum Flange Bushing WOOSBC6-2

Lightweight aluminum steering column flange bearing features a Delrin liner and full-floating ball that is sealed with O-rings for maximum durability. Capable of a very high operating angle. Requires 1.50" hole.



Steering Column Installation Hardware NEW!

Engineered for use with Woodward SCA700 safety steering columns.

WOOSBC80-1



Part No.	Description
WOOSBC80-1	Jacket Clamp for SCA700, Bolts Between Dash Bar Brackets
WOOSBC80-3	Jacket Clamp for SCA700, 3-Hole Adjustable, for Old-Style Welded Dash Brackets

Steering Universal Joints

Steering universal joints feature billet bodies, low-friction needle roller bearing, heat-resistant seals, and a solid, one-piece trunnion made of 6150 chrome vanadium. U-joints combine zero backlash with extremely low operating effort because of their close tolerances. Can operate smoothly at a 30° angle. Splined ends feature two set screws for positive shaft retention.



Part No.	Description
WOOUA20101	0.750", 20-Spline x .750", 48-Spline
WOOUA20102	0.750", 20-Spline x .735", 36-Spline
WOOUA20104	0.750", 20-Spline x .820", 36-Spline
WOOUA201100	0.750", 20-Spline x .750" Weld-On
WOOUA201107	0.750", 20-Spline x .625", 36-Spline NEW!
WOOUA100100	0.750" x .750" Smooth Bore
WOOUA101100	0.750", 48-Spline x .750" Smooth Bore
WOOUA102100	0.735", 36-Spline x .750" Smooth Bore
WOOUA103100	0.720", 30-Spline x .750" Smooth Bore, Appleton
WOOUA104100	0.820", 36-Spline x .750" Smooth Bore
WOOUA108100	0.688", 34/36-Spline x .750" Smooth Bore
WOOUA111109	16 mm, 36-Spline x 3/4" "DD" Bore
WOOUA201103	0.750", 20-Spline x .750", 30-Spline
WOOUA201201	0.750", 20-Spline x .750", 20-Spline

Weld-In Steering Shaft Stubs

Fabricate custom-length steering shafts with standard 3/4" O.D. steel tubing.



Part No.	Description
WOOST201A	For .120" Wall x 3/4" O.D., Late Models, Modifieds
WOOST201B	For .065" Wall x 3/4" O.D., Midgets, Supers, etc.

Steering Wheel Quick Releases

Releases have precise low-profile "square" splines with 2" of engaged length to resist unintentional removal. Release cannot eject itself accidentally and requires minimal effort to release it. Steel or aluminum pull ring quick releases meet stringent SFI 42.1 specs.



Part No.	Description
Quick Release Hubs for 3-Bolt Steering Wheels	
WOOQRS	Quick Release with 3" Steel Pull Ring, Weld-On
WOOQRSN-1	Quick Release with 3" Steel Pull Ring, Bolt-On for SCA700
WOOQRA-1R	Quick Release with Red Aluminum Pull Ring, Weld-On
Quick Release Hubs for 6-Bolt Steering Wheels	
WOOQRAN697-1R	Quick Release with 3" Red Aluminum Pull Ring, Bolt-On for SCA700
WOOQRAN697-2	Quick Release with 4" Yellow Aluminum Pull Ring, Bolt-On for SCA700

Steering Wheel Adapter WOOQR697

Engineered for use with Momo, Sparco, and other popular European steering wheels, lightweight billet aluminum adapter includes a 6 x 70 mm bolt pattern. Less than 9mm thick, adapter fits any steering wheel hub with a 3 x 5/16" on 1.75" bolt circle. Sold complete with necessary hardware.

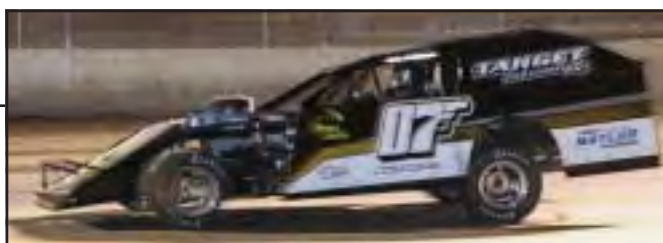




Small Block Chevy Racing Spark Plug Wire Sets

Silicone jacket is covered with fiberglass braided EPDM insulation and an Aramid fiber core is coated with conductive latex, spiral-wrapped in stainless steel. Wire has the conduction and performance of a metal core, but still suppresses radio interference. Ready-to-install, custom-tailored wire sets are race-proven in NASCAR and many other racing sanctions. Wires include 90° boots at distributor and spark plug ends.

Part No.	Description
WDY811	SB Chevy, Socket, 30" Coil Wire, Around Front
WDYS813	SB Chevy, HEI, Around Front
WDYS816	SB Chevy, Socket, 30" Coil Wire, Around Back
WDYS817	SB Chevy, HEI, Around Back



CURTIS KING



Dry Coat Rust Preventative

WSHWH003172

Water-based rust preventative is a significant advancement in corrosion protection technology, replacing solvent and oil-based corrosion inhibitors. After application, clear protective coating dries to the touch and does not attract dirt or dust on metal parts. Product is non-hazardous and washes off using mild detergents. Sold in a 16-oz. bottle.



Metal Rescue Rust Remover Bath

Metal Rescue is a non-hazardous, easy, safe, clean, and effective method of rust removal without health or environmental concerns. Easy to use; simply immerse rusty parts in the liquid for 5 minutes to 24 hours based on the amount of rust, temperature of the liquid, and type of steel. Metal Rescue removes the rust from the part and the rust becomes suspended in the solution. Once rust is removed, simply rinse part off and dry, and the part is ready for use. Sold in 14-oz. bottle, and 1- or 5-gallon containers.



14-oz. Bottle
Part No.

WSH14-MRC

1-Gallon
Part No.

WSH128-MR

5-Gallon
Part No.

WSH5-MR



Stainless Steel Braided CPE Race Hose

Stainless steel outer braid delivers durability, heat-resistance and great looks. The elastomer chlorinated polyethylene (CPE) inner tube is compatible with a wide range of liquids.

AN Size	I.D.	O.D.	3 Feet	6 Feet	10 Feet	15 Feet	20 Feet
-6	.344"	.547"	XRP300306	XRP300606	XRP301006	XRP301506	XRP302006
-8	.438"	.641"	XRP300308	XRP300608	XRP301008	XRP301508	XRP302008
-10	.562"	.797"	XRP300310	XRP300610	XRP301010	XRP301510	XRP302010
-12	.688"	.928"	XRP300312	XRP300612	XRP301012	XRP301512	XRP302012





Aluminum Hose Ends

XRP hose ends are aviation nipple and cutter-style to prevent blow-off and leakage problems. Fittings are built from heat-treated aluminum and are race ready.

Red/Blue Swivel Part No.	Black Swivel Part No.	Red/Blue Non-Swivel Part No.	AN Size
Straight			
XRP100004	XRP100004BB	—	-4
XRP100006	XRP100006BB	—	-6
XRP100008	XRP100008BB	—	-8
XRP100010	XRP100010BB	—	-10
XRP100012	XRP100012BB	—	-12
XRP100016	XRP100016BB	—	-16
—	XRP100020BB	—	-20
30° Hose Ends			
XRP203006	XRP203006BB	—	-6
XRP203008	—	XRP103008	-8
XRP203010	XRP203010BB	—	-10
XRP203012	XRP203012BB	—	-12
XRP203016	XRP203016BB	—	-16
45° Hose Ends			
—	—	XRP104504	-4
XRP204506	XRP204506BB	XRP104506	-6
XRP204508	XRP204508BB	XRP104508	-8
XRP204510	XRP204510BB	XRP104510	-10
XRP204512	XRP204512BB	XRP104512	-12
XRP204516	XRP204516BB	—	-16
—	XRP104520BB*	—	-20
60° Hose Ends			
XRP206006	XRP206006BB	—	-6
—	XRP206008BB	—	-8
XRP206010	XRP206010BB	—	-10
XRP206012	XRP206012BB	—	-12
—	XRP106020BB*	—	-20

* All size -4 and -20 hose ends are non-swivel.

Red/Blue Swivel Part No.	Black Swivel Part No.	Red/Blue Non-Swivel Part No.	AN Size
90° Hose Ends			
—	—	XRP109004	-4
XRP209006	XRP209006BB	XRP109006	-6
XRP209008	XRP209008BB	XRP109008	-8
XRP209010	XRP209010BB	XRP109010	-10
XRP209012	XRP209012BB	XRP109012	-12
XRP209016	XRP209016BB	XRP109016	-16
—	XRP109020BB*	—	-20
120° Hose Ends			
—	—	XRP112004	-4
XRP212006	XRP212006BB	XRP112006	-6
XRP212010	XRP212010BB	XRP112010	-10
XRP212012	XRP212012BB	—	-12
—	XRP212016BB	—	-16
—	XRP112020BB*	—	-20
150° Hose Ends			
—	—	XRP115006	-6
XRP215010	XRP215010BB	—	-10
XRP215012	XRP215012BB	—	-12
180° Hose Ends			
—	—	XRP118004	-4
XRP218006	XRP218006BB	XRP118006	-6
XRP218008	XRP218008BB	—	-8
XRP218010	XRP218010BB	XRP118010	-10
XRP218012	XRP218012BB	—	-12
XRP218016	—	—	-16

* All size -4 and -20 hose ends are non-swivel.

Aluminum Push-On Hose Ends

Machined from aluminum alloy with red and blue or black anodized finish, hose ends are only compatible with push-on hose, NOT stainless steel braided hose. All hose ends are JIC 37°. See page 835 for push-on hose clamps and pliers.

Red/Blue Part No.	Black Part No.	AN Size
Straight		
XRP230004	XRP230004BB	-4
XRP230006	XRP230006BB	-6
XRP230008	XRP230008BB	-8
XRP230010	XRP230010BB	-10
XRP230012	XRP230012BB	-12
45°		
XRP234504	XRP234504BB	-4
XRP234506	XRP234506BB	-6
XRP234508	XRP234508BB	-8
XRP234510	XRP234510BB	-10
XRP234512	XRP234512BB	-12
60°		
XRP236006	XRP236006BB	-6
—	XRP236008BB	-8
—	XRP236010BB	-10
XRP236012	XRP236012BB	-12
90°		
XRP239004	XRP239004BB	-4
XRP239006	XRP239006BB	-6
XRP239008	XRP239008BB	-8
XRP239010	XRP239010BB	-10
XRP239012	XRP239012BB	-12

Red/Blue Part No.	Black Part No.	AN Size
120°		
XRP231204	—	-4
XRP231206	XRP231206BB	-6
XRP231208	XRP231208BB	-8
XRP231210	XRP231210BB	-10
XRP231212	XRP231212BB	-12
150°		
XRP231506	XRP231506BB	-6
XRP231508	—	-8
XRP231510	XRP231510BB	-10
XRP231512	XRP231512BB	-12
180°		
XRP231806	—	-6
XRP231808	XRP231808BB	-8
XRP231812	—	-12



HS-79 Ultra-Lite PTFE Hose with CSM Outer Covering **NEW!**

Flexible, smooth-bore PTFE HS-79 hose combines four-ply composite construction with a smooth-bore design that offers extremely high flow rates, high pressure and temperature ratings, and lower pressure drops than comparable hose. Hose listed includes CSM outer covering, which provides a fifth layer for increased abrasion resistance. May be used with 37° JIC hose ends or aluminum quick disconnect clam-shell couplings. XRP crimping device is recommended for assembly.

AN Size	I.D.	O.D.	Max. Operating Pressure	Temperature Range	10 Feet	20 Feet
-6	.375"	.590"	600	-65° F to 400° F	XRP324006-10	XRP324006-20
-8	.500"	.720"	600	-65° F to 400° F	XRP324008-10	XRP324008-20
-10	.625"	.850"	400	-65° F to 400° F	XRP324010-10	XRP324010-20
-12	.750"	.990"	400	-65° F to 400° F	XRP324012-10	XRP324012-20



HS-79 Hose Ends **NEW!**

Designed for use with HS-79 hose, aluminum 37° JIC hose ends include a corrosion-resistant black anodized finish. Required crimp collars, purchased separately, may be cut and removed to allow disassembly.

Size	Part No.	Size	Part No.
Straight Hose Ends			
-6	XRP220006	-4	XRP229004
-10	XRP220010	-6	XRP229006
-12	XRP220012	-8	XRP229008
-16	XRP220016	-16	XRP229016
45° Hose Ends			
-6	XRP224506	-4	XRP221204
-8	XRP224508	-10	XRP221210
-10	XRP224510	-12	XRP221212
-12	XRP224512	150° Hose Ends	
		-10	XRP221510
		-12	XRP221512



HS-79 Crimp Collars **NEW!**

Offered with black or super nickel finish, crimp collars are sold each.

Size	Black	Nickel
-4	XRP2275-04BB	—
-8	XRP2275-08BB	—
-10	XRP2275-10BB	XRP2275-10SN
-12	XRP2275-12BB	XRP2275-12SN
-16	XRP2275-16BB	—



DALE SPENCER

XR-31 Lightweight Performance Hose

XR-31 performance hose is significantly lighter than stainless steel braided hose, yet features high tube strength, superior abrasion resistance, and is tight bend radius-capable Three-ply, USA-made hose includes a nylon-bonded outer layer, embedded braid middle, and CPE synthetic rubber inner tube. Temperature resistant from -40° to 300°F. Black only.

Size	Hose I.D.	3 Feet	20 Feet
-6	11/32"	—	XRP3106-20
-8	7/16"	—	XRP3108-20
-12	11/16"	XRP3112-03	XRP3112-20



Aluminum Adapter Fittings

Blue Part No.	Black Part No.	AN Size
Male Flare Union		
XRP981503	—	-3
XRP981504	XRP981504BB	-4
XRP981506	XRP981506BB	-6
XRP981508	XRP981508BB	-8
XRP981510	XRP981510BB	-10
XRP981512	XRP981512BB	-12
XRP981516	—	-16
XRP981520	—	-20



Part No.	A Size	B
Flare Reducer		
XRP991902	-4	-3
XRP991905	-6	-3
XRP991906	-6	-4
XRP991912	-8	-6
XRP991914	-10	-6
XRP991915	-10	-8
XRP991919	-12	-8
XRP991920	-12	-10
XRP991926	-20	-16



Double-Swivel Forged 90° Hose Ends

Red/Blue Part No.	Black Part No.	AN Size
XRP209106	—	-6
—	XRP209068BB*	-6/-8
XRP209108	XRP209108BB	-8
XRP209110	XRP209110BB	-10
XRP209112	XRP209112BB	-12
—	XRP209017BB*	-16/-12



*-16 hose to -12 nut.
‡ -6 hose to -8 nut.

Tube Nut Blue	Tube Nut Black	Tube Sleeve Blue	Tube Sleeve Black	AN Size
Tube Nuts and Tube Sleeve				
XRP981803-6*	XRP981803BB	XRP981903-6*	—	-3
XRP981804-6*	—	XRP981904-6*	—	-4
XRP981806-2*	—	XRP981906-2*	—	-6
XRP981808	XRP981808BB	XRP981908	XRP981908BB	-8
XRP981810	—	XRP981910	—	-10

* Part numbers with dash indicates when sold in packs of two or six.



Aluminum Adapter Fittings (Cont.)

Blue Part No	AN Size
90° Flare Union	
XRP982103	-3
XRP982104	-4
XRP982106	-6
XRP982108	-8
XRP982110	-10

Blue Part No.	Black Part No.	AN Size
Flared Tee		
XRP982403	—	-3
XRP982404	XRP982404BB	-4
XRP982408	—	-8
XRP982410	—	-10

Blue Part No	Pipe Size	AN Size
Male Branch Tee		
XRP982503	1/8"	-3
XRP982504	1/8"	-4
XRP982508	3/8"	-8
XRP982510	1/2"	-10

Male Run Tee		
XRP982603	1/8"	-3
XRP982606	1/4"	-6
XRP982608	3/8"	-8
XRP982610	1/2"	-10
XRP982612	3/4"	-12

Blue Part No.	Black Part No.	AN Size	Thread Size
Bulkhead Nut			
XRP992403	—	-3	3/8"-24
XRP992404	—	-4	7/16"-20
XRP992406	XRP992406BB	-6	9/16"-18
XRP992408	—	-8	3/4"-16
XRP992410	XRP992410BB	-10	7/8"-14
XRP992412	XRP992412BB	-12	1-1/16"-12

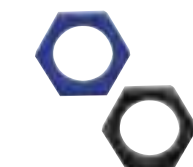
Blue Part No.	Black Part No.	AN Size
Flare Bulkhead		
XRP983204	XRP983204BB	-4
XRP983206	XRP983206BB	-6
XRP983208	XRP983208BB	-8
XRP983210	XRP983210BB	-10
XRP983212	XRP983212BB	-12

Blue Part No	AN Size
90° Flare Bulkhead	
XRP983303	-3
XRP983306	-6
XRP983308	-8
XRP983310	-10
XRP983312	-12

Flare Bulkhead Tee	
XRP983403	-3

45° Flare Bulkhead	
XRP983706	-6

Flare Bulkhead Tee On Run	
XRP980403	-3
XRP980404	-4



Aluminum Adapter Fittings

Blue Part No.	Black Part No.	AN Size
37° Flare Cap Female		
XRP992903	XRP992903BB	-3
XRP992904	XRP992904BB	-4
XRP992906	XRP992906BB	-6
XRP992908	XRP992908BB	-8
XRP992910	XRP992910BB	-10
XRP992912	XRP992912BB	-12
XRP992916	—	-16

Blue Part No.	AN Size	AN Size
Female to Male Flare Seal Expanders		
XRP995104†	-3	-4
XRP995106	-4	-6
XRP995108	-6	-8
XRP995110	-8	-10
XRP995112	-10	-12
XRP995116	-12	-16

Female to Male Flare Seal Reducers		
XRP995004†	-4	-3
XRP995006	-6	-4
XRP995008	-8	-6
XRP995010	-10	-6
XRP995011	-10	-8
XRP995012	-12	-8
XRP995013	-12	-10
XRP995016	-16	-10
XRP995017	-16	-12
XRP995020	-20	-16

Notes: Female side seals internally on flare nose of mating male fitting - no O-ring necessary. † Steel.

Red Part No	AN Size
Flare Plug	
XRP980604	-4
XRP980606	-6
XRP980608	-8
XRP980610	-10
XRP980612	-12

Blue Part No	AN Size
Straight Thread Port Plug (O-Ring, Crush Washer or Stat-O-Seal Not Included)	
XRP981406	-6
XRP981408	-8
XRP981410	-10
XRP981412*	-12
XRP981416	-16

Part No	AN Size
Internal Hex Port Plug with Viton O-Ring	
XRP1HP003	-3
XRP1HP004	-4
XRP1HP006	-6
XRP1HP008	-8
XRP1HP010	-10
XRP1HP012	-12
XRP1HP016	-16



* Also available in black. Add "BB" to end of part number to signify black.



Aluminum Adapter Fittings (Cont.)

BluPart No.	AN Size
Straight Female Flare Swivel	
XRP900104	-4
XRP900106	-6
XRP900108	-8
XRP900186	-8 to -6
XRP900110	-10
XRP900112	-12
XRP900116	-16
45° Female Swivel Coupling	
XRP924506	-6
XRP924508	-8
XRP924512	-12
90° Female Swivel Coupling	
XRP929006	-6
XRP929008	-8
XRP929010	-10
XRP929012	-12
Tee Male Flare to Female Swivel on Side	
XRP900204	-4
XRP900206	-6
XRP900208	-8
XRP900210	-10
XRP900212	-12
Tee Female Swivel on Run	
XRP900303	-3
XRP900304	-4
XRP900306	-6
XRP900308	-8
XRP900310	-10
XRP900312	-12
XRP900316	16
45° Female Swivel to Male Flare	
XRP920406	-6
XRP920408	-8
XRP920410	-10
XRP920412	-12
XRP920416	-16

Tube	Forged	AN Size
90° Female Swivel to Male Flare		
XRP920504	XRP900504	-4
XRP920506	XRP900506	-6
XRP920508	XRP900508	-8
XRP920510	XRP900510	-10
XRP920512	XRP900512	-12
XRP920516	XRP900516	-16



Aluminum Adapter Fittings (Cont.) Male Flare to O-Ring Boss (High-Flow Contour ORB)

Straight	45°	90°	Male AN Size	Port AN Size
XRP980048	—	—	-4	-8
XRP980006	XRP984506	XRP989006	-6	-6
XRP980068	XRP984568	XRP989068	-6	-8
XRP980086	XRP984586	XRP989086	-8	-6
XRP980008	XRP984508	XRP989008	-8	-8
XRP980081	XRP984581	XRP989081	-8	-10
XRP980812	—	—	-8	-12
XRP980106	—	—	-10	-6
XRP980009	XRP984509	XRP989009	-10	-8
XRP980010	XRP984510	XRP989010	-10	-10
XRP980011	XRP984511	XRP989011	-10	-12
XRP980128	—	—	-12	-8
XRP980013	XRP984513	XRP989013	-12	-10
XRP980012	XRP984512	XRP989012	-12	-12
XRP980014	XRP984514	XRP989014	-16	-12
XRP980016	XRP984516	XRP989016	-16	-16
XRP980020	—	—	-20	-20
XRP980021	—	—	-20	-16



Female AN Flare to Male O-Ring Boss

Part No.	Female AN Flare	Male ORB
XRP970006	-6	-6
XRP970008	-8	-8
XRP970009	-10	-8
XRP970010	-10	-10
XRP970013	-12	-10



Ultra-Low-Profile O-Ring Boss

Part No.	Male AN Flare	Male ORB
XRP989106	-6	-6
XRP989108	-8	-8
XRP989110	-10	-10
XRP989116	-16	-16



-8AN Male ORB Coupler Fitting XRP990008



Full-Swivel Male Flare to O-Ring Boss, 90° Bent Tube

Part No.	Size
XRP959012	-12
XRP959016	-16



Full-Swivel Female Flare to O-Ring Boss, 90° Forged

Part No.	Size
XRP979012	-12



AN Flare to Pipe Adapter

Flare AN Size	Pipe Size	Straight Flare to Pipe Blue	Straight Flare to Pipe Black	45° Elbow Flare to Pipe Blue	45° Elbow Flare to Pipe Black	90° Elbow Flare to Pipe Blue	90° Elbow Flare to Pipe Black
-3	1/8"	XRP981603	XRP981603BB	XRP982303	—	XRP982203	XRP982203BB
-3	1/4"	XRP981634	—	—	—	—	—
-4	1/8"	XRP981604	XRP981604BB	XRP982304	XRP982304BB	XRP982204	XRP982204BB
-4	1/4"	XRP981644	XRP981644BB	—	—	XRP982244	—
-4	3/8"	XRP981646	—	—	—	XRP982246	—
-6	1/8"	XRP981662	XRP981662BB	—	—	XRP982262	—
-6	1/4"	XRP981606	XRP981606BB	XRP982306	—	XRP982206	—
-6	3/8"	XRP981666	XRP981666BB	XRP982366	—	XRP982266	—
-6	1/2"	XRP981668	XRP981668BB	—	—	XRP982268	—
-8	1/4"	XRP981607	XRP981607BB	—	—	XRP982207	—
-8	3/8"	XRP981608	XRP981608BB	XRP982308	—	XRP982208	—
-8	1/2"	XRP981688	XRP981688BB	XRP982388	—	XRP982288	—
-8	3/4"	XRP981609	—	—	—	XRP982209	—
-10	3/8"	XRP981611	XRP981611BB	XRP982311	—	XRP982211	—
-10	1/2"	XRP981610	XRP981610BB	XRP982310	XRP982310BB	XRP982210	—
-10	3/4"	XRP981613	XRP981613BB	—	—	XRP982213	—
-12	1/2"	XRP981614	XRP981614BB	XRP982314	—	XRP982214	—
-12	3/4"	XRP981612	XRP981612BB	—	—	XRP982212	—
-16	3/4"	XRP981617	—	XRP982317	—	XRP982217	—
-16	1"	—	XRP981616BB	—	—	—	—
-20	1"	XRP981621	—	—	—	—	—





AN Flare to Pipe Adapter

Blue/Red Part No.	AN Size	NPT Size
Straight Female Flare to Pipe		
XRP900631*	-3	1/8"
XRP900641*	-4	1/8"
XRP900604	-4	1/8"
XRP900662	-6	1/8"
XRP900606	-6	1/4"
XRP900666	-6	3/8"
XRP900667	-8	1/4"
XRP900608	-8	3/8"
XRP900688	-8	1/2"
XRP900610	-10	1/2"
XRP900611	-10	3/8"
XRP900614	-12	1/2"

* Steel



Metric Thread to AN Adapters

Black Part No.	AN Size	Metric Thread
XRP871406	-6	M14 x 1.5
XRP871606	-6	M16 x 1.5



Aluminum Tubing Adapter

Black Part No.	AN Size	Tube Size
XRP992006	-6	3/8"



Aluminum NPT Adapters

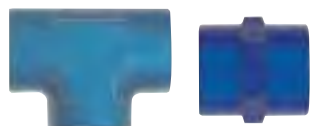
Blue Part No.	Male to Female
Pipe Bushing Reducer	
XRP991201	1/4" 1/8"
XRP991202	3/8" 1/4"
XRP991203	3/8" 1/8"
XRP991204	1/2" 3/8"
XRP991205	1/2" 1/4"
XRP991206	1/2" 1/8"
XRP991207	3/4" 1/2"
XRP991208	3/4" 3/8"
XRP991209	3/4" 1/4"
XRP991210	1" 3/4"



Blue Part No.	Black Part No.	Size
Allen Socket Plug		
XRP993201	—	1/16" (2-Pk.)
XRP993202	XRP993202BB	1/8" (2-Pk.)
XRP993203	XRP993203BB	1/4" (2-Pk.)
XRP993204	XRP993204BB	3/8" (2-Pk.)
XRP993205	XRP993205BB	1/2"
XRP993206	—	3/4"
XRP993207	—	1"



Blue Part No.	Pipe Size
Female Pipe Tee	
XRP991701	1/8"
XRP991702	1/4"
XRP991703	3/8"
XRP991704	1/2"



Blue Part No.	Pipe Size
Female Pipe Union	
XRP991001	1/8"
XRP991002	1/4"
XRP991003	3/8"
XRP991004	1/2"
XRP991006	3/4"

Blue Part No.	Pipe Size
Male Pipe Nipple	
XRP991101	1/8"
XRP991102	1/4"
XRP991103	3/8"
XRP991104	1/2"
XRP991106	3/4"



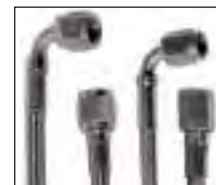
Reusable Steel Hose Ends for Brake, Clutch, or Instrument Lines

Maximum high-pressure hose ends are engineered for XRP PTFE hose and may be used for brake, clutch, and instrument lines.

AN Size	Straight	45° Tube	90° Tube
-3	XRP600003	XRP604503	XRP609003
-4	XRP600004	—	XRP609004

Assembled Stainless Steel Braided PTFE Hose with Fittings

Ready-to-install lines have crimped and swaged ends for use in brake, clutch, or instrument systems. Choice of straight fittings on both ends, or straight on one end and 90° on the other, in a variety of lengths.



Length	Straight to Straight -3AN	Straight to Straight -4AN	90° to Straight -3AN
9"	XRP630009	—	—
12"	XRP630012	—	XRP639012
15"	XRP630015	—	—
18"	XRP630018	—	—
20"	XRP630020	—	—
21"	XRP630021	—	—
24"	XRP630024	—	XRP639024
27"	XRP630027	—	—
30"	XRP630030	—	—
36"	XRP630036	XRP640036	XRP639036
42"	XRP630042	—	—
45"	XRP630045	—	—
50"	—	XRP640050	XRP639050
72"	—	XRP640072	—

Steel Brake Line Adapters

Part No.	Description
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Male Flare Seal Adapters

XRP402703	3/8"-24 Inverted Flare to -3AN
XRP402903	7/16"-20 Inverted Flare to -3AN
XRP420104	M10 x 1.0 Inverted Flare to -4AN

Crush Washer Seal Adapters - One Pair

XRP422534	M10 x 1.25 to -4AN
XRP425033	M10 x 1.5 to -3AN

Female to Male Bulkhead Adapter

XRP410103	M10 x 1.0 Inverted Flare to -3AN
XRP410104	M10 x 1.0 Inverted Flare to -4AN

Flare to 1/8" Pipe

XRP481603	Short 1/8" NPT to -3AN
XRP481674	Long 1/8" NPT to -4AN

Female to Male Adapters

XRP402403	7/16"-24 Inverted Flare to -3AN
XRP402503	3/8"-24 Short Inverted Flare to -3AN

Banjo Fittings

XRP403803	Short Neck M10/3/8" to -3 Male
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Adapters for Mopar Master Cylinder

XRP490803	1/2"-20 to -3AN
XRP490903	9/16"-20 to -3AN
XRP490933	9/16"-18 to -3AN





Power Steering Hose Adapters

Steel Inverted Flare Adapter

Part No.	Thread Inv. Flare	AN Size
XRP790126	1/2"-20	-6
XRP790586	5/8"-18	-6
XRP791166	1 1/16"-18	-6



Aluminum Bump Tube Adapters

Thread With O-Ring	AN Size	Steel Part No.	Blue/Aluminum Part No.
M16 x 1.5	-6	XRP491615	XRP791615
M18 x 1.5	-6	XRP491815	XRP791815



Steel Reusable 90° Adapter

Part No.	Thread Inv. Flare	AN Size
XRP509006	9/16"-18	-6



Dry Sump Oil System Fittings

-12 Male Flare to -12 ORB Fitting with Filter Screen

Part No.	Description
XRP980012FS	Straight with Coarse, -16AN Mesh Screen
XRP989112FS	90° with Coarse, -16AN Mesh Screen



Special Aluminum AN Male to Pipe Adapter

Part No.	Description
XRP981687	-8AN to 1/4" Male NPT, Extended, 2.1" Long



Weld Bungs

Size	Female Weld Bung ORB	Male Weld Bung	Pipe Size	Female Pipe Weld Bung
-4	—	XRP997104	1/8"	XRP996701
-6	XRP987106	XRP997106	1/4"	XRP996702
-8	XRP987108	XRP997108	3/8"	XRP996703
-10	XRP987110	XRP997110	1/2"	XRP996704
-12	XRP987112	XRP997112	3/4"	XRP996706
-16	XRP987116	XRP997116		
-20	XRP987120	XRP997120		
			Pipe Size	Female Pipe Recessed Flange
			1/8"	XRP996801



Replacement -3AN Olives XRP600503

Brass olives are sold in packs of five.



Holley Dual Feed Fuel Line Kits

Kits use quality XRP stainless steel braided hose with lightweight aluminum fittings. A 1/8" NPT port for a fuel pressure gauge is included.

Part No.	Description
XRP731006	-6AN Inlet, Dual Feed Competition Style Fuel Line Kit
XRP731008	-8AN Inlet, Dual Feed Competition Style Fuel Line Kit
XRP791008BB	-8AN Inlet, Dual Feed Competition Style Fuel Line Kit, Braswell/QFT, Black NEW!



Holley Carburetor Fittings

Part No.	Carb Thread	AN Size
XRP700006	9/16"-24 Holley / Demon	-6
XRP700008	9/16"-24 Holley/Demon	-8
XRP700106	7/8"-20 Dual-Feed Holley	-6
XRP700108	7/8"-20 Dual-Feed Holley	-8
XRP700118	7/8"-20 Holley	-8 Extra-Short
XRP700128	7/8"-20 Holley	-8 Short



Note: All carb fittings include crush washer.

Replacement 7/8"-20 Crush Washer XRP700100

Female Swivel Extended Dual-Feed Holley

Part No.	Carb Thread	AN Size
XRP720006	7/8"-20	-6
XRP720008	7/8"-20	-8
XRP720118†	3/4"-16	-8



Note: Crush washers are included with all carb kits and fittings.

† Fits Braswell and Quick Fuel Technology carburetors.

Aluminum Fuel Pump Fittings

Part No.	Pump Thread	AN Size
XRP702006	1/2"-20 Inv. Flare	-6
XRP702106*	5/8"-18 Inv. Flare	-6
XRP702108*	5/8"-18 Inv. Flare	-8
XRP981608	3/8" NPT	-8
XRP981611	3/8" NPT	-10
XRP981666	3/8" NPT	-6



* May also be used with crush washer on Carter Super Pumps M60968 and M60969.

Fuel Pressure Take-Off Adapters



Part No.	Description
XRP700192	-6AN Male to -6AN Male
XRP700193	-6AN Male to 1/4" Male NPT
XRP700194	-6AN Male to 3/8" Male NPT
XRP700195	-6AN Male to -6AN Female Swivel
XRP700196	-8AN Male to -8AN Male
XRP700198	-8AN Male to 3/8" Male NPT
XRP700199	-8AN Male to -8AN Female Swivel
XRP700201	-10AN Male to -10AN Male
XRP700202	-10AN Male to -10AN Female Swivel
XRP700204	-12AN Male to -12AN Female Swivel

Note: All adapters have 1/8" NPT port.

1-1/2" Dia. Liquid Filled Pressure Gauge XRP710000

Gauge has a 1/8" male NPT and displays pressures from 0-15 PSI.



XRP705090

Gauge Adapters

Part No.	Description
XRP705003	Steel Straight -3AN Male to 1/8" NPT Female
XRP705004	Steel Straight -4AN Male to 1/8" NPT Female
XRP705090	Steel 90° Steel -4AN Male to 1/8" NPT Female
XRP705093	Steel 90° Steel -3AN Male to 1/8" NPT Female
XRP795003	Aluminum Straight -3AN Male to 1/8" NPT Female, Black
XRP795004	Aluminum Straight -4AN Male to 1/8" NPT Female, Black





71 Series Inline All-Fluid Filters XRP7110SAN

Suitable for use as fuel or oil filters, lightweight aluminum 71 series inline filters feature a modular design, allowing them to be used with a variety of end fittings and elements. Pleated stainless steel elements must be ordered separately. Choose from standard or short filters.



Part No.	Description
Standard Length Filters and Elements	
XRP7112AN	-12AN Inline Filter, 2.47" Dia. x 9.6" Long
XRP713045HP	45-Micron Element
XRP713060HP	60-Micron Element
XRP713100HP	100-Micron Element
Short Filters and Elements	
XRP7110SAN	-10AN Inline Filter, 2.47" Dia. x 6.4" Long
XRP7112SAN	-12AN Inline Filter, 2.47" Dia. x 6.6" Long

70 Series Modular Inline Filter

Ideal when space is limited and weight is a concern, 70 series filter features a narrow, modular design. Easy to clean and install, filter is 6.2" long and includes -8AN male inlet/outlet ports. Filter element sold separately.



Part No.	Description
XRP7008AN	70 Series Modular Inline Filter
XRP703010	10 Micron Element, Fits -4 Thru -12 Filters
XRP706-1500	Filter Mounting Bracket, 1-1/2" Tubing NEW!
XRP706-1625	Filter Mounting Bracket, 1-5/8" Tubing NEW!

Bosch Fuel Pump Check Valve Adapter XRP704210

Specifically designed for mini-stocks or road race cars fitted with a Bosch electric fuel pump, check valve has M12 x 1.5 male threads, allowing it to be directly attached to the pump. Valve has -10AN ORB to allow compatibility with a variety of AN fittings.



Pressure Testing Manifold XRP329101

Special manifold allows pressure checking multiple hose connections or assemblies. Fittings must be purchased separately.



Fyre Foil II Sleeve Products

Lightweight fiberglass sleeving is laminated to an aluminized Mylar surface to provide radiant heat protection to 800°F. The Mylar also resists abrasions and brake fluid. Fyre Foil II is not expandable and should be slipped over the hose before assembly.



Size	I.D.	3 Ft.	6 Ft.	10 Ft.	20 Ft.
-6	5/8"	—	—	XRP320506-10	—
-8	3/4"	XRP320508-3	XRP320508-6	XRP320508-10	XRP320508-20
-10	7/8"	—	—	XRP320510-10	XRP320510-20
-12	1"	XRP320512-3	—	XRP320512-10	—
-16	1-1/4"	—	—	XRP320516-10	—

Ensure Hose Clamps and Pliers

Use self-tensioning hose clamps with push-on hose ends to provide a tight, leak-proof seal without damaging the hose. Clamps come in four pack.



Part No.	Description
Clamps	
XRP818404	-4AN Clamp
XRP818406	-6AN Clamp
XRP818408	-8AN Clamp
XRP818410	-10AN Clamp
XRP818412	-12AN Clamp
Ensure Hose Clamp Pliers	
XRP818000	Ensure Hose Clamp Pliers



Power Cell 12-Volt AGM Racing Batteries

AGM (Absorbed Glass Mat) batteries are completely sealed, eliminating leakage. Cranking power is two to three times that of an equal-size flooded battery. All have SAE post terminals. Available with or without protective steel cases, and with reinforced plastic cases.

Part No.	Max Amps	Ah	Length	Width	Height	Weight
AGM Batteries with Protective Steel Case						
XSPS680	1000	28	7.28"	3.19"	6.63"	17.42 lbs.
XSPS925	2000	55	6.65"	7.04"	4.98"	25.57 lbs.
XSPS975	2100	50	7.83"	5.24"	6.63"	29.07 lbs.
XSPS1200	3300	135	7.97"	6.69"	6.75"	35.94 lbs.
XSPS3400	3300	80	10.24"	6.89"	7.16"	49.97 lbs.
AGM Batteries with Reinforced Plastic Case						
XSPD2400	3500	70	10.24"	6.65"	8.31"	60.06 lbs.
XSPD2700	4300	100	12.09"	6.65"	8.31"	67.32 lbs.
XSPD3100	5000	110	13.03"	6.89"	8.43"	77.00 lbs.
XSPD3400	3300	65	10.24"	6.75"	7.20"	46.00 lbs.
XSPD4800	3000	60	10.94"	6.93"	7.48"	48.22 lbs.
XSPD4900	4000	80	13.90"	6.93"	7.48"	61.22 lbs.
XSPD5100	3100	60	9.02"	5.43"	8.19"	39.50 lbs.
AGM Batteries without Protective Case						
XSPD680	1000	20	7.28"	3.19"	6.67"	15.42 lbs.
XSPD925	2000	28	6.50"	6.93"	4.92"	23.54 lbs.
XSPD1200	2600	44	7.97"	6.73"	6.79"	33.26 lbs.





Power Cell 14-Volt AGM Batteries

Modern AGM batteries are sealed and have heavy-duty reinforced plastic cases to eliminate leakage. Fitted with SAE post terminals.



Part No.	Max. Amps	Ah	Length	Width	Height	Weight
XSPD1400	2400	50	10.24"	6.65"	7.20"	43.56 lbs.

Power Cell 16-Volt AGM Batteries

Put an end to weak ignition spark and starting issues. AGM-style, 16-volt batteries are sealed and have heavy-duty reinforced plastic cases, eliminating leakage. Fitted with 3/8" stud adapters.



Part No.	Amps	Ah	Length	Width	Height	Weight
XSPS1600	2000	50	10.28"	6.75"	7.24"	30.80 lbs.
XSPD1600*	2400	50	10.24"	6.65"	7.20"	48.18 lbs.
XSPXP1000	2400	50	10.24"	6.75"	7.20"	46.50 lbs.

* High vibration

XP-Series 16-Volt AGM Battery and HF Intellicharger Combo Kits

Combo kits include a XP1000 16-volt AGM battery and High Frequency Intellicharger battery charger. Compact battery charger meets the specific charge voltage and amperage requirements of XS Power 16-volt AGM batteries. Charger will not work on 12- or 14-volt batteries. Choose from kits with 15 or 20-amp battery chargers.



Part No.	Description
XSPXP1000CK1	XP 1000 AGM Battery and 15-Amp Intellicharger
XSPXP1000CK2	XP 1000 AGM Battery and 20-Amp XSP1004 Intellicharger

16-Volt Lithium-Ion Battery and Battery Charger Combo Kit

NEW! XSPLI-S1600CK

Ideal for race cars requiring 16-volt power, yet without the associated added weight. Combo Kit includes a powerful, lightweight 16-volt lithium-ion battery and matching 16-volt high-frequency lithium-ion Intellicharger 15-amp battery charger.



Battery Specifications

Max Amps	CA	Length	Width	Height	Weight
2,160	1,080	10.24"	6.75"	7.20"	8.25 lbs.

12/14/16-Volt Battery Intellichargers

Compatible with 12-, 14-, and 16-volt batteries, Intellicharger has a 25-amp maximum output, three charging modes, LED indicators with an ammeter to monitor status, and a built-in cooling fan. It weighs 24 lbs. and includes heavy-duty 6' cables and clamps.



Part No.	Description
XSP1005	12/14/16-Volt Battery Intellicharger
XSP1005E*	12/14/16-Volt Battery Intellicharger, 110/220V Input Option NEW!

* May be powered by 110- or 220-volts.

16-Volt Battery Intellicharger [XSP1004](#)

For use with 16-volt batteries, constant current/constant voltage charger has a 20-amp maximum output, and two charging modes. LED indicators with ammeter monitor status, and a built-in cooling fan increases reliability. Charger weighs just 16 lbs. and includes heavy-duty 6' cables and clamps.



Voltage Step Down Module [XSP993](#)

Step down selected electrical components when using a 16-volt battery. 50-amp maximum.



Battery Post Adapters

Brass adapters allow use of conventional post-style terminals on XS Power batteries. Sold in pairs with fasteners.



Part No.	Description
XSP580	Short Brass Post Adapters, M6
XSP586	Tall Brass Post Adapters for 925/1200 Models, M6
XSP587	6 mm to 3/8" Stud Adapter, Zinc Plated, Pair

Lightweight Aluminum Battery Hold Downs

Offered in stamped or billet aluminum, hold downs are engineered to secure XS Power batteries.



Part No.	Description
XSP511	S680 Stamped Aluminum Side Mount Box with Window
XSPHD-680	S925 Billet Aluminum Hold Down Kit
XSPHD-925	S925 Billet Aluminum Hold Down Kit
XSPHD-975	S975 Billet Aluminum Hold Down Kit
XSPHD-1200	S1200 Billet Aluminum Hold Down Kit
XSPHD-3400	D3400 Billet Aluminum Hold Down Kit

Xtreme Fuel Stick XTRDIPSTICK

Save weight and put an end to running out of fuel. Xtreme Fuel Stick allows measuring the fuel used in heat and feature races, letting race teams know how much fuel is truly needed for each race. Hand-held, 9-volt battery-powered unit can measure fuel depth up to 30" and display up to 99.9 gallons on the easy-to-read, bright red digital display. Sophisticated device may be literally trained to the shape of any two different fuel cells. Sold complete with battery and instructions.



Platinum Twin-Shaft Rocker Arms

Intake and exhaust rockers are joined in pairs on a shaft that is 22% larger and engineered for extreme RPM. Maximum width bearings deliver greater rigidity, resistance to breakage, and superior load-carrying ability, eliminating the need for screw-in studs, guide plates, and stud girdles. Rocker arms bolt to existing 7/16" stud mountings with supplied bolts. Easy to service in the field. Sold in sets of 16.



Part No.	Engine	Cylinder Head	Ratio
SB Chevy			
YTRYT6008	265-400	OEM/Bowtie/AFR/Dart/World/Brownfield	1.55/1.55
YTRYT6009	265-400	OEM/Bowtie/AFR/Dart/World/Brownfield	1.6/1.6
YTRYT6341†	265-400	OEM/Bowtie/AFR/Dart/World/Brownfield	1.6/1.5

† Rocker arms in this kit have an extra .070" pushrod offset on intake for repaired or wider ports.

Rocker Pedestal and Saddle Shim

YTRYT6241

Engineered for Platinum twin-shaft rockers, (silver) shim is .100" (2.5 mm) thick. Sold each.



Pedestal Spacers for Platinum and Platinum Plus Rockers **NEW!**

Part No.	Description
YTRYT6279	1.020" Dia. x .085" (26 mm x 2.0 mm), Each
YTRYT6580	1.020" Dia. x .100" (26 mm x 2.5 mm), Each
YTRYT6581	1.020" Dia. x .150" (26 mm x 3.8 mm), Each



Replacement Rocker Arm Components **NEW!**

Part No.	Description
YTRYT5060	Caged Roller Bearing, All Rockers
YTRYT5099	Roller, Pin and Circlip Kit
YTRYT5115	Adjusting Screw and Nut, 24 mm
YTRYT5117	Adjusting Screw and Nut, 28.4 mm
YTRYT6088	Mounting Bolt, 7/16" x 2.000" Long
YTRYT6098	Mounting Bolt, 7/16" x 2.250" Long
YTRYT6263	Saddle, 7/16" x 28.6 mm Ht.



Pro Street Rocker Arms for GM LS1/LS2 YTRYT6683

Shaft-mount roller rocker arms, which fit all GM LS1 and LS2 applications, are fully adjustable and feature a direct bolt-on design. Rocker arms utilize OEM-sized 8 mm fasteners and include a 1.7:1 ratio. Sold in sets of 16.

Note: Recommended for applications with 600 lbs. of maximum open seat pressure.



LS Valve Cover Spacers

Engineered for popular GM LS engines, spacers provide necessary clearance when installing aftermarket rocker arms, such as Ultimate adjustable units. Spacers are .500" tall and sold per pair, complete with seals.



Part No.	Description
YTRYT5123	LS Valve Cover Spacers
YTRYT5132	Replacement Seal



GERRY SHEPARD



Ring and Pinion Sets for Ford 9"

Yukon Gear & Axle offers a full selection of ring and pinion sets for Ford 9" rears. Gear sets feature a smooth finish and are engineered to run more efficiently when compared to competitor's gear sets.

Ratio	Part No.
5.13	YKNYGF9-513
5.29	YKNYGF9-529
6.20	YKNYGF9-620



Master Differential Overhaul Bearing Kits

The most complete differential overhaul kits currently available. Each kit includes pinion and carrier bearings, pinion shims, Super Shim carrier shims, pinion seal, gasket (where required), ring gear bolts, pinion nut, gear marking compound and brush, and two crush sleeves.



YKNYKF9-A-SPC

Part No.	Description
YKNYKF9-A	Ford 9", with LM102910 and LM102949 (2.891" Carrier Bearings)
YKNYKF9-A-SPC*	Ford 9", with LM102910 and LM102949 (2.891" Carrier Bearings)
YKNYKF9-HDC-SPC*	Ford 9", with LM603011 "Daytona" Pinion Support
YKNYKGM7.5-C	GM 7.5"/7.625" 10-Bolt, 2000-Up
YKNYKGM8.5	GM 8.5" 10-Bolt
YKNYKGM12P	GM 8.875" 12-Bolt Passenger

* Includes crush sleeve eliminator.



RZ-18

For the driver desiring the comfort and vision of an open face helmet, the RZ-18 is manufactured using a lightweight fiberglass shell that is fitted with a plush, fire-retardant interior and bolt-on visor with sun strip. Incorporated M6 inserts provide compatibility with virtually any head and neck restraint. Meets Snell SA2020 specifications. Offered in white or matte black.

Size	White	Matte Black
X-Small	ZAMH773001XS	—
Small	ZAMH773001S	ZAMH77403FS
Medium	ZAMH773001M	ZAMH77403FM
Large	ZAMH773001L	ZAMH77403FL
X-Large	ZAMH773001XL	ZAMH77403FXL
XX-Large	ZAMH773001XXL	ZAMH77403FXXL



RZ-36

Offering comfort and superior driver protection, the RZ-36 uses a fiberglass composite shell that is fitted with a removable, washable liner, while chin, scalp, and exhaust vents provide ventilation. Meets Snell SA2020 specifications. Sold complete with clear 3 mm shield, and tear-off posts. Offered in white, matte black, or gloss black in standard, Dirt, or Top Air models. Dirt model lacks front vents to keep dust and dirt out, and includes a removable/replaceable liner with chin curtain. Top Air model includes a fresh air port.

Size	White	Matte Black	Gloss Black
X-Small	ZAMH768001XS	—	—
Small	ZAMH768001S	ZAMH76803FS	—
Medium	ZAMH768001M	ZAMH76803FM	—
Large	ZAMH768001L	ZAMH76803FL	—
X-Large	ZAMH768001XL	ZAMH76803FXL	—
XX-Large	ZAMH768001XXL	ZAMH76803FXXL	—
RZ-36 Dirt			
X-Small	—	—	ZAMH768D03XS
Small	—	—	ZAMH768D03S
Medium	—	—	ZAMH768D03M
Large	—	—	ZAMH768D03L
X-Large	—	—	ZAMH768D03XL
XX-Large	—	—	ZAMH768D03XXL
RZ-36 Top Air			
Medium	—	ZAMH76903FM	—
Large	—	ZAMH76903FL	—
X-Large	—	ZAMH76903FXL	—
XX-Large	—	ZAMH76903FXXL	—





RZ-56

Lightweight, full-face fiberglass composite helmet is fitted with a plush, fire-retardant interior and is pre-drilled for use with a head and neck restraint. Chin, scalp, and exhaust vents provide ventilation. Helmet meets Snell SA2020 specifications and is sold with Z-20 clear, 3 mm shield and tear-off posts. Offered in white or matte black in standard or air models.

Size	White	Matte Black
RZ-56		
X-Small	ZAMH770001XS	—
Small	ZAMH770001S	ZAMH770003S
Medium	ZAMH770001M	ZAMH770003M
Large	ZAMH770001L	ZAMH770003L
X-Large	ZAMH770001XL	ZAMH770003XL
XX-Large	ZAMH770001XXL	—
XXX-Large	ZAMH770001XXX	—
RZ-56 Air		
Small	ZAMH771001S	—
Medium	ZAMH771001M	—
Large	ZAMH771001L	—
X-Large	ZAMH771001XL	—
XX-Large	ZAMH771001XXL	—
XXX-Large	ZAMH771001XXX	—



RZ-59

Full-face, lightweight fiberglass composite helmet incorporates a plush, fire-retardant interior and is pre-drilled for use with a head and neck restraint. Chin, scalp, and exhaust vents provide ventilation. Helmet meets Snell SA2020 specifications and is sold with Z-20 clear, 3 mm shield, and tear-off posts. Offered in matte black only.

Part No.	Size
ZAMH77203FS	Small
ZAMH77203FM	Medium
ZAMH77203FL	Large
ZAMH77203FXL	X-Large
ZAMH77203FXXL	XX-Large



RZ-62

The RZ-62 features a modern aerodynamic shell that is constructed from a super lightweight Aramid material. The Tri-Tech Air System allows using natural air or air plugs in three adjustable inlets. Helmet is fitted with EPS chin bar foam and a plush, fire-retardant interior that is removable and washable. Meets Snell SA2020 specifications. Sold complete with Z-20 series, clear 3 mm shield, and tear-off posts. Available in white or flat black.

Size	White	Flat Black
Small	ZAMH764001S	ZAMH76403FS
Medium	ZAMH764001M	ZAMH76403FM
Large	ZAMH764001L	ZAMH76403FL
X-Large	ZAMH764001XL	ZAMH76403FXL
XX-Large	ZAMH764001XXL	ZAMH76403FXXL



RZ-64C

Top-of-the-line RZ-64C helmet boasts an advanced aerodynamic shell manufactured from a super lightweight carbon mix. Chin bar aero lips, an adjustable rear top spoiler, and front top chin bar prevent helmet lift. Tri-Tech Air System allows using natural air or air plugs in three adjustable inlets. Helmet is fitted with a plush, fire retardant interior. Meets Snell SA2020 specifications. Sold complete with Z-20 series, clear 3 mm shield, and tear-off posts. Natural carbon finish.

Part No.	Size
ZAMH763CB3XS	X-Small (54 cm)
ZAMH763CB3S	Small (56 cm)
ZAMH763CB3M	Medium (58 cm)
ZAMH763CB3L	Large (60 cm)
ZAMH763CB3XL	X-Large (62 cm)
ZAMH763CB3XXL	XX-Large (64 cm)



RZ-65D

Designed to meet the needs of dirt track racers, the RZ-65D combines a carbon mix shell with an ultra-plush, fire-retardant comfort interior. Helmet meets Snell SA2020 specifications, and additionally includes a breath deflector, chin curtain, and top air system that allows using natural air, forced air, or air plugs. Compatible with head and neck restraints. Sold complete with Z-20 3 mm clear shield and tear-off posts. Offered in black/gray or natural carbon fiber finish.

Size	Black/Gray	Carbon
X-Small	ZAMH775C15XS	ZAMH775CA3XS
Small	ZAMH775C15S	ZAMH775CA3S
Medium	ZAMH775C15M	ZAMH775CA3M
Large	ZAMH775C15L	ZAMH775CA3L
X-Large	ZAMH775C15XL	ZAMH775CA3XL
XX-Large	ZAMH775C15XXL	ZAMH775CA3XXL
XXX-Large	—	ZAMH775CA3XXXL





Helmet Bag [ZAMHB002003](#)

Easy-to-carry, dual-handled helmet bag is emblazoned with the Zamp logo and features a soft, plush interior. Large enough to store helmet and accessories.



Replacement/Accessory Helmet Components

Part No.	Size
ZAMEYE1	Eyeport Tape Foam NEW!
ZAMHACOM003	3.5 mm Plug and Speakers, for 1- or 2-Way Communication to Helmet NEW!
ZAMHALBB20	Breath Deflector NEW!
ZAMHALCC20	Fabric Breath/Chin Curtain NEW!
ZAMHTA25003	One-Way Radio Mount, RZ-70E / RL-70E Helmets, Gloss Black NEW!
ZAMHTA22001	Top Air Inlet, Low-Profile, White NEW!
ZAMHTA22ADP	Low-Profile Hose Adapter, Black NEW!
ZAMHTP22003V	Vent Plug, RZ, Black NEW!
ZAMHARZ151	Shield Pivot Kit, Z-15/FSA-2 NEW!
ZAMHARZ201	Shield Pivot Kit, Z-20/RZ-34 NEW!
ZAMHB002003	Deluxe Helmet Bag, Black/Gray, Fleece Lined NEW!
ZAMHTA20001	Top Air Inlet, White, RZ NEW!
ZAMHTA2003F	Top Air Inlet, Matte Black, RZ NEW!
ZAMHTV200CL	Top Vent Scoop, RZ, Clear NEW!
ZAMNZHC001A	Helmet Anchor Kit, Z-Tech Series 1A NEW!
ZAMP10208C	Tear-offs, Racing Optics X-Stack, (30) NEW!
ZAMP0100011	Shield Insert, Fog Free NEW!
ZAMRA001003	Helmet Skirt, Black NEW!
ZAMTEARPOST-R	Tear-Off Posts, Pair NEW!

Replacement Helmet Shields



Model	Type	Clear	Amber	Smoke	Dark Smoke	Iridium	Blue Iridium	Silver Mirror	Blue Prizm	Gold Prizm	Red Prizm
FSA-2/FSA-3	Z-15	ZAMHASZ15CL	—	—	ZAMHASZ15DK	—	ZAMHASZ15BL	ZAMHASZ15SM	—	—	—
FS-8	Z-19	—	—	—	—	ZAMHASZ19IM	—	—	—	—	—
RZ-34/RZ-35/RZ-43	Z-20	ZAMHASZ20CL	ZAMHASZ20AM	ZAMHASZ20LT	ZAMHASZ20DK	ZAMHASZ20IM	—	ZAMHASZ20SM	ZAMHASZ20BP	ZAMHASZ20GP	ZAMHASZ20RP
RZ-42/RZ-44/RZ-58		—	—	—	—	—	—	—	—	—	—

Note: Clear anti-fog shield also available, [ZAMHASZF20CLAF](#).

Z-Tech Series 2A Head and Neck Restraint [ZAMNT002003](#)

NEW!

The Series 2A includes patent-pending features designed to provide extreme driver comfort. Super lightweight unit, which weighs just 900 grams, includes an advanced axis adjustment that allows adjusting shoulder width, arm angle, and arm width, resulting in a truly custom fit regardless of body shape, size, or race seat. Compatible with 2" or 3" belts, unit combines a dual compound, specialized fiberglass reinforced nylon shoulder frame, modified alloy arms, stainless hardware and a Kevlar single point tether. Meets SFI 38.1 specifications. Sold complete with necessary helmet hardware.



Z-Tech Series 6A Head and Neck Restraint [ZAMNT006003](#)

NEW!

Head and neck restraint combines superior driver protection with exceptional driver comfort. Weighing just 925 grams, the Series 6A utilizes an advanced axis adjustment that allows adjusting shoulder width, arm angle, and arm width for a truly custom fit, regardless of body or race seat type. Unit is compatible with 2" or 3" belts, and is manufactured using a dual-compound specialized fiberglass reinforced nylon frame with modified alloy arms, stainless hardware, and a Kevlar single-point tether. Meets SFI 38.1 specifications. Sold complete with necessary helmet hardware.





ZR-50 Gloves **NEW!**

Lightweight, two-layer ZR-50 gloves feature reverse-seam construction, elastic, and thin leather palms for exceptional comfort. Silicone pads in palm and fingers are combined with pre-curved fingers for improved steering wheel grip. Meets SFI 3.3/5 specifications. Offered in red, black, blue, or gray.

Size	Red	Black	Blue	Gray
X-Small	—	ZAMRG10003XS	—	ZAMRG10015XS
Small	ZAMRG10002S	ZAMRG10003S	ZAMRG10004S	ZAMRG10015S
Medium	ZAMRG10002M	ZAMRG10003M	ZAMRG10004M	ZAMRG10015M
Large	ZAMRG10002L	ZAMRG10003L	ZAMRG10004L	ZAMRG10015L
X-Large	ZAMRG10002XL	ZAMRG10003XL	ZAMRG10004XL	ZAMRG10015XL
XX-Large	ZAMRG100022XL	ZAMRG100032XL	ZAMRG100042XL	ZAMRG100152XL
XXX-Large	—	ZAMRG100033XL	—	ZAMRG100153XL



ZR-30 Shoes **NEW!**

Constructed from lightweight, durable suede, the ZR-30 shoe utilizes a thin rubber sole for the ultimate in pedal feel. Plush, fire-retardant NMX interior adds safety and comfort. Meets SFI 3.3/5 specifications. Offered in red, black, or blue. Sold in zippered shoe bag.

Size	Red	Black	Blue
6	—	ZAMRS00100306	—
7	—	ZAMRS00100307	—
8	ZAMRS00100208	ZAMRS00100308	ZAMRS00100408
9	ZAMRS00100209	ZAMRS00100309	ZAMRS00100409
10	ZAMRS00100210	ZAMRS00100310	ZAMRS00100410
11	ZAMRS00100211	ZAMRS00100311	ZAMRS00100411
12	ZAMRS00100212	ZAMRS00100312	ZAMRS00100412
13	—	ZAMRS00100313	—
14	—	ZAMRS00100314	—



ZR-50 Shoes **NEW!**

Premium, high-quality ZR-50 shoes combine multi-layer construction, an elastic enclosure, and a thin rubber sole, resulting in the ultimate in pedal feel. Utilizing a high performance leather outer shell with embroidered Zamp logos, shoes are super lightweight and include a plush, fire-retardant NMX interior. Meets SFI 3.3/5 specifications. Offered in black, red, blue, neon orange, neon green, or gray.



Size	Black	Red	Blue	Neon Orange	Neon Green	Gray
1	ZAMRS003C0101	—	—	—	—	—
2	ZAMRS003C0102	—	—	—	—	—
3	ZAMRS003C0103	—	—	—	—	—
4	ZAMRS003C0104	—	—	—	—	—
5	ZAMRS003C0105	—	—	—	—	—
6	ZAMRS003C0106	—	—	—	—	—
7	ZAMRS003C0107	—	—	—	—	—
8	ZAMRS003C0108	ZAMRS003C0208	ZAMRS003C0408	ZAMRS003C0808	ZAMRS003C0908	ZAMRS003C1508
9	ZAMRS003C0109	ZAMRS003C0209	ZAMRS003C0409	ZAMRS003C0809	ZAMRS003C0909	ZAMRS003C1509
10	ZAMRS003C0110	ZAMRS003C0210	ZAMRS003C0410	ZAMRS003C0810	ZAMRS003C0910	ZAMRS003C1510
11	ZAMRS003C0111	ZAMRS003C0211	ZAMRS003C0411	ZAMRS003C0811	ZAMRS003C0911	ZAMRS003C1511
12	ZAMRS003C0112	ZAMRS003C0212	ZAMRS003C0412	ZAMRS003C0812	ZAMRS003C0912	ZAMRS003C1512
13	ZAMRS003C0113	ZAMRS003C0213	ZAMRS003C0413	ZAMRS003C0813	ZAMRS003C0913	ZAMRS003C1513
14	ZAMRS003C0114	—	—	—	—	—
15	ZAMRS003C0115	—	—	—	—	—
16	ZAMRS003C0116	—	—	—	—	—
17	ZAMRS003C0117	—	—	—	—	—
18	ZAMRS003C0118	—	—	—	—	—



ZR-50 Multi-Layer 3.2A/5 Racing Suit **NEW!**

Ultra-lightweight and affordable, the ZR-50 is equally stylish and comfortable. One-piece, three-layer suit is made from soft, Aramid material with built-in Ultra-Stretch panels along ribcage, lower back, crotch, and shoulders. The boot-cut design offers added ankle protection, while an adjustable belt helps provide a custom fit. Meets SFI 3.2A/5 specifications. Offered in red, black, or blue.



Size	Red	Black	Blue
Small	ZAMR040002S	ZAMR040003S	ZAMR040004S
Medium	ZAMR040002M	ZAMR040003M	ZAMR040004M
Large	ZAMR040002L	ZAMR040003L	ZAMR040004L
X-Large	ZAMR040002XL	ZAMR040003XL	ZAMR040004XL
XX-Large	ZAMR0400022XL	ZAMR0400032XL	ZAMR0400042XL
XXX-Large	—	ZAMR0400033XL	—
XXXX-Large	—	ZAMR0400034XL	—

ZR-10 Single-Layer 3.2A/1 Racing Suit

High-quality, affordable racing suit is manufactured from a single layer of 100% fire-resistant cotton. Lightweight, comfortable, and stylish, suit includes box quilt stitching, aramid cuffs on ankles and wrists, pockets on each leg, and an adjustable belt. Choose from one- or two-piece versions. Meets SFI 3.2A/1 specifications. Black only.

Size	Part No.
One-Piece Racing Suit	
Small	ZAMR010003S
Medium	ZAMR010003M
Large	ZAMR010003L
X-Large	ZAMR010003XL
XX-Large	ZAMR010003XXL
XXX-Large	ZAMR010003XXXL

Size	Jacket	Pants
Two-Piece Racing Suit		
Small	ZAMR01J003S	ZAMR01P003S
Medium	ZAMR01J003M	ZAMR01P003M
Large	ZAMR01J003L	ZAMR01P003L
X-Large	ZAMR01J003XL	ZAMR01P003XL
XX-Large	ZAMR01J003XXL	ZAMR01P003XXL
XXX-Large	ZAMR01J003XXXL	ZAMR01P003XXXL



Zybar Manifold and Exhaust Coating

A unique formulation adapted from the aerospace industry, Zybar offers over 90% radiant heat protection to manifolds, headers, and exhaust components, outperforming tapes, wraps, shields, and ceramic-based paints. Thermal coating helps provide increased horsepower, will not chip or crack, while offering resistance to rust and corrosion. Designed for the do-it-yourselfer, product may be applied by spraying, dipping, or wiping a single application of just .001", which then must be air or oven cured. Offered in bronze satin, midnight black, or cast finish.



Description	4-oz. Bottle	8-oz. Bottle	16-oz. Bottle
Zybar Bronze Satin Thermal Coating	ZYC10004	ZYC10008	ZYC10016
Midnight Black Thermal Coating	ZYC11004	ZYC11008	ZYC11016
Cast Finish Thermal Coating	ZYC13004	ZYC13008	ZYC13016

Aerosol ZyCor Primer and Color Coats **NEW!**

Highly effective thermal coatings for headers, manifolds, and exhaust components. These premium coatings provide durable and effective corrosion protection that outperform tapes, wraps, and other spray coating products. Formulated to be a do-it-yourself product, the primer and top coatings must be used in a two-step process. ZyCor primer must be applied first before applying any of the ZyCor color coat products. Each 13-oz. aerosol can of product will cover a 25 sq. ft. surface and dry in approximately 8 hours, or oven cure at 350° F. for 30 minutes. 13-oz. aerosol can. Sold each.

Part No.	Description
ZYC16013	ZyCor Porsche Gray Top Coat
ZYC18013	ZyCor Gasser White Top Coat
ZYC19013	ZyCor Bitchin' Black Top Coat
ZYC50000*	ZyCor Gray Primer

*ZyCor primer must be applied first before applying any of the ZyCor color coat products.





Autolite



Spark Plug Heat Range/Cross Reference

Thread Size/Reach	Hex	Heat Range	Standard Non-Resistor Spark Plugs				Power/Projected Tip Non-Resistor Spark Plugs				
			Autolite	Champion	E3	NGK	Accel	Autolite	Champion	E3	NGK
Chevrolet, Chrysler (Wedge), Oldsmobile, Pontiac - Standard Reach - Flat Seat with Gasket											
14mm/3/8"	13/16"	Hot	—	—	—	—	—	—	—	—	NGKR5670-5
		—	—	—	—	—	AUTAR73	—	—	NGKR5670-6	
		—	AUT353	CHPJ4C	—	NGKB7S	—	AUTAR72	—	—	NGKR5670-7
		—	—	—	—	NGKB8S	—	—	—	—	NGKR5670-8
14mm/3/8"	13/16"	Cold	—	—	—	—	—	—	—	—	NGKR5670-9
		Chevrolet (Big Block), Chrysler (Hemi) - Flat Seat with Gasket									
		Hot	AUTAR3935	CHPC63CX	—	NGKR5671A-7	—	—	—	—	—
		—	AUTAR3934	CHPC61CX	E3PE3.103‡	NGKR5671A-8	—	AUTAR3911	CHPC61YC	—	NGKR5672A-8
14mm/3/4"	5/8"	—	AUTAR3933†	CHPC59CX	E3PE3.102‡	NGKR5671A-9	—	AUTAR3910†	CHPC59YC	E3PE3.106‡	NGKR5672A-9
		—	AUTAR3932†	CHPC57CX	E3PE3.101‡	NGKR5671A-10	—	—	CHPC57YC	—	NGKR5672A-10
		—	AUTAR3931	CHPC55CX	—	NGKR5671A-11	—	—	—	—	—
		Cold	—	—	—	—	—	—	—	—	—
Chevrolet (Big Block), Chrysler (Hemi) - Flat Seat with Gasket											
14mm/3/4"	13/16"	Hot	—	—	—	—	—	—	—	—	—
		—	AUTAR2593	—	—	—	—	—	—	—	—
		—	AUTAR2592	—	—	—	—	AUTAR53	—	—	—
		—	—	—	—	—	AUTAR52	—	—	—	—
14mm/3/4"	13/16"	—	—	—	—	—	—	AUTAR51	—	—	—
		—	—	—	—	—	—	AUTAR50	—	—	—
		—	—	—	—	—	—	—	—	—	—
		Cold	—	—	—	—	—	—	—	—	—
Chevrolet (Small Block), Ford (Small Block) - Conical/Tapered Seat											
14mm/.460"	5/8"	Hot	—	—	—	—	ACL0276S-4*	—	—	—	—
		—	—	—	—	NGKR5673-6	—	—	—	—	NGKR5674-6
		—	—	—	—	NGKR5673-7	—	—	—	—	NGKR5674-7
		—	AUTAR135	CHPV63C	—	—	AUTAR13	—	—	—	NGKR5674-8
14mm/.460"	5/8"	—	AUTAR134	—	E3PE3.105‡	—	—	AUTAR12	—	E3PE3.107‡	NGKR5674-8
		—	AUTAR133	CHPV59C	E3PE3.104‡	NGKR5673-8	—	—	—	—	NGKR5674-9
		—	AUTAR132	CHPV57C	—	NGKR5673-9	—	—	—	—	NGKR5674-10
		—	—	—	—	NGKR5673-10	—	—	—	—	—
Chevrolet (Big Block), Ford - Conical/Tapered Seat											
14mm/.708"	5/8"	Hot	—	—	—	—	—	—	CHPRS9YC	—	—
		—	—	—	—	—	—	AUTAR94	—	—	NGKR5724-8
		—	AUTAR474	CHPS59C	—	—	—	AUTAR93	CHPS59YC	E3PE3.109‡	NGKR5724-9
		—	AUTAR473	CHPS57C	E3PE3.108‡	—	—	AUTAR92	—	—	NGKR5724-10
14mm/.708"	5/8"	—	AUTAR472	CHPS55C	—	—	—	—	—	—	—
		Ford (Windsor and Big Block) - Conical/Tapered Seat									
		Hot	—	—	—	—	—	AUTAR33	—	—	—
		—	—	—	—	—	—	AUTAR32	—	—	NGKAP8FS
18mm/.460"	13/16"	Cold	—	—	—	—	—	—	—	—	—

Important Note: Use cross reference chart as a guide only. Due to differences in design and material, plugs listed in cross reference are not exactly alike.

* "Shorty" spark plug for added header clearance, sold in 4-pack.

† E3 DiamondFIRE fixed gap spark plugs cannot be adjusted.

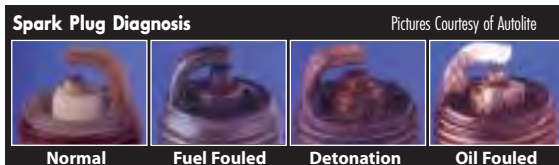
† Special Autolite Racing "X" style electrode spark plug that alleviates piston/spark plug clearance issues is also available; simply add "X" to end of part number.

TECH TIP

- Determine the thread diameter, length (reach), and whether tapered or gasket (flat) seat.
- Select gap style.
- Select heat range.
- Adjust fuel mixture and spark advance timing for maximum performance.
- Inspect plugs and pistons for evidence of detonation, abnormal combustion, or excessive temperatures.
- Stay with the same plug type after final heat range selection unless major modifications have been made (increasing the horsepower or operating range).

Spark Plug Heat Range Tech

A spark plug's Heat Range, defined as the measure of how fast the tip of the plug dissipates combustion heat, can range from as low as 500°F to as high as 2,500°F. Manufacturers offer plugs in many heat ranges, from cold through medium hot, to very hot. It is imperative that the plug stay cool enough to prevent pre-ignition or electrode destruction, and still remain hot enough to burn off combustion deposits that form at the firing tip. A plug that is excessively cold or hot for the application in question will eventually cause the engine to misfire. When working with an engine that is stock or mildly modified, it is often best to use the plug recommended by the car manufacturer. However, if the compression ratio has been altered, a different heat range plug may be required. Many racers rely upon their engine builder for plug heat range recommendations. If a racer is unsure of the correct heat range to use, it is always recommended to "stay on the safe side" and use a colder plug. A switch in heat range can change the temperature of the spark plug tip by 70-120°F. If the plug selected is too cold, it will eventually foul and misfire, but it will not damage the engine. A plug which is too hot can cause pre-ignition and detonation, often resulting in a severely damaged engine.



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