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## ALLSTAR Employee R&D Team



Tom Rutherford Duane Rantz Jason Koehler

We are hard-core performance enthusiasts. We not only stand behind our products, we use them!

# PERFORMANCE

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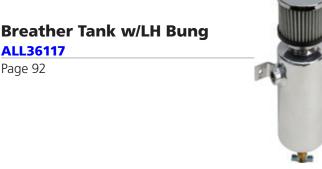
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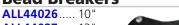
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#### Lightweight 14" Aluminum Air Cleaner Kits

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 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.

prant of black coated in ion i		
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

Individual	Components
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

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 spacers for a positive seal. Elements sold separately.



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)

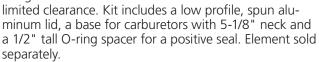
ALL25947 ..... 2" Spacer (places base 1/8" above carb neck sealing flange)

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



#### **Individual Components**

**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



**Bob Blount Racing** 

ALL25945



#### 14" Flat Base Air Cleaner Kits

Lightweight spun aluminum air cleaner kits have a flat base to increase air flow. Kits include a lid, base and a 1/2" spacer with a built-in o-ring for a positive seal. Popular in crate engine classes when



every horsepower counts! Elements sold separately.

ALL25950......Plain Air Cleaner Kit ALL25951.....Black Air Cleaner Kit

#### **Individual Components**

ALL25954 ..... Plain Top ALL25955 ..... Plain Base ALL25956 ..... Black Top ALL25957 ..... Black Base

ALL25944..... 1/2" Spacer with 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.

## 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 Gasket ALL87207

OE style composite gasket fits most popular carburetors with 5-1/8" neck. Gasket seals air cleaner base to carburetor neck helping prevent dirt and moisture from entering carburetors.

## Air Filter Sealing Foam ALL26106

Soft neoprene foam material used for adding an extra seal between the air filter and the lid and base of an air cleaner assembly. Material features a self-adhesive glue on one side to keep seal in place. Material measures 1" wide x 1/4" thick and is 12 ft long.

#### **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.



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.

**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.

ALL26054..... Aluminum ALL26055..... Chrome Moly

#### ALL26054

ALL26053

ALL26056

ALL26058

#### **Offset Air Cleaner Studs**

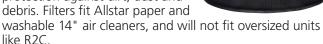
Offset studs work with offset air cleaner bases and some 2bbl carburetors that require offset studs. Studs include mounting hardware and have a 1-3/8" offset.

**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 adding another layer of protection against dirt, dust and debris. Filters fit Allstar paper and



Filters Without Top Cover

ALL26220 ..... 14" x 3" ALL26221 ..... 14" x 4" ALL26222 ..... 14" x 5"

Filters With Top Cover ALL26224..... 14" x 4"

## Air Cleaner Cover

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



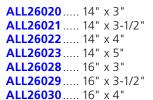
\*ALLETAN





#### **Paper Air Filter Elements**

High performance paper air filter elements increase air flow.





#### Washable **Air Filter Elements**

Washable air filter elements offer better engine protection and increase air flow for more power

and torque. Elements are pre-oiled and available in four heights.

ALL26000 ..... 14" x 3" ALL26002 ..... 14" x 4" **ALL26004**..... 14" x 5" **ALL26006**..... 14" x 6"



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 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.

#### **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.

#### **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 with air cleaner removed. 2-1/2" tall carb hats are designed to fit most carbs or throttle bodies with a 5-1/8" diameter neck.



ALL26043

ALL26040

ALL26044

ALL26040..... Plastic **ALL26042**..... Plastic With Screen

ALL26043 ..... Aluminum

ALL26044..... 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.

#### **Dominator Carb Hat ALL26041**

Plastic carb hat is 2-3/8" tall and fits over the 7-1/4" air cleaner opening of Holley Dominator carburetors to prevent water or debris from entering the engine. Solid cover may be drilled when an air cleaner stud is used.

#### **Sprint Car Wash Plug Set**

Aluminum plugs have O-rings for a watertight seal and will keep dirt out of injectors while cleaning sprint car. 4-piece set comes with a nylon storage pouch.



ALI 26072

Part No.	Size	Wash Plug Dia.	Stack Dia.			
Kinsler						
ALL26072	2-1/4"	2.328"	2.335"			
ALL26073	2-11/16"	2.762"	2.790"			
ALL26074	2-3/4"	2.848"	2.875"			
ALL26075	2-13/16"	2.921"	2.950"			
ALL26076	2.90"	2.973"	3.00"			
Engler	Engler					
ALL26033	2-1/2"	2.632"	2.650"			
ALL26035	2-13/16"	2.885"	2.905"			
ALL26036	2.90"	2.973"	3.00"			
ALL26038	3"	3.073"	3.10"			
Hilborn						
ALL26032	2-7/16"	2.483"	2.50"			

#### **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 ..... 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.



ALL23270

ALL23274

Strong yet lightweight, fiberglass scoops have a durable, black high-gloss, seamless gelcoat finish. Complete installation on 4500 series carburetors requires a scoop tray mounting kit, which mounts between carb and intake manifold to secure ALL23288 scoop tray. Scoops are typically secured to tray with quick turn fasteners and hardware (sold separately).

ALL23272

	Overall		
Part No.	Overall Height	Length	Width
ALL23270	16"	33"	14"
ALL23272	15-1/2"	25-1/2"	14"
ALL23274	20-1/2"	29-1/2"	14"

#### **Dragster Scoop Trays**

Scoop tray is the lower portion of the scoop or plenum that directs air into the carburetor when used with dragster style scoops. Tray measures 21-5/8" L x 13-1/2" W and requires a separate scoop tray mount which supports the tray above the carburetor providing a secure mounting point for scoop.

#### **Flat Mount**

ALL23266 ..... Aluminum Tray for 4150 Series Carb ALL23267 ..... Aluminum Tray for 4500 Series Carb Raised - 3" Tall

ALL23268 ..... Aluminum Tray for 4150 Series Carb ALL23269 ..... Aluminum Tray for 4500 Series Carb ALL23288 ..... Fiberglass Tray for 4500 Series Carb

#### **Scoop Tray Mounts**

Scoop tray mounts offer an all in one solution to mount a scoop tray, throttle, and nitrous solenoids. Mounts provide a clean look, eliminating the need to use multiple brackets, mounts and gaskets. CNC machined from 6061 aluminum, black anodized.

#### **Standard Mounts**

ALL54302 ..... 4150 (1.755" Bore)
ALL54304 ..... 4500 (2.375" Bore)
Mounts w/ Nitrous Solenoid Mounts
ALL54306 4150 (1.755" Bore)

**ALL54306** ..... 4150 (1.755" Bore) **ALL54308** ..... 4500 (2.375" Bore)

#### **Hood Scoops**



Scoops are molded from durable high impact plastic with carbon fiber look and have a molded-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.

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	5-1/2"	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"

<sup>\*</sup>Mounting flange has a slight curvature for rolled hoods

#### **Aero Scoops**





Aerodynamically designed fiberglass scoops are strong yet lightweight with a durable, black high-gloss, seamless gelcoat finish and a 2" wide mounting flange. Open back scoops have an angled 6" tall rear opening to fit most windshields.

		Overall	Overall	Width
Part No.	Description	Height	Length	w/o Flange
ALL23280	Open Back	13-1/2"	50"	14-1/2"
ALL23282	Open Back	13"	50"	14-1/2"
ALL23284	Closed Back	12"	38"	14-1/2"

#### **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

ALL54304

rivets.



#### **Aluminum Sheets**



Aluminum sheets are 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.

#### 4' x 10' (120")

ALL22200 ..... Plain<sup>†</sup>

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)

#### 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".

ALL11030...... Red, Left Hand ALL11031...... Green, Right Hand



**Aluminum And Diamond Plate** 

Shipped Freight Truck, Ten

Sheet Minimum and Surcharge For A Shipping Pallet.

#### **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".

#### **Replacement Parts**

ALL99328 ..... Replacement Blades, Set of 3

#### 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.

#### **Sharpie Markers**



Fine point permanent markers work great for

many uses around the shop or track which includes layout and fabricating, marking tire sizes, gear set ratios, jet sizes, etc. Sold each.

**ALL12072**..... Black **ALL12073**..... Silver

#### **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.

ALL12064 ..... Pencil, 3-Pack

ALL12066 ..... Mechanical Pencil, With Six Refills

#### **Body Roller**

#### **ALL23102**



This handy "highside" body roller allows you to straighten body and deck panels while still on the car! A must-have item for at-track repairs.



#### **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.



<b>Drill Bit</b>	Sizes		
ALL11040 (3-F	Piece Set)		
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-P	ALL11041 (2-Piece Set)		
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"		

#### **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".

**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, Ten Sheet Minimum and Surcharge For A Shipping Pallet.

#### **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.

**ALL18221** ..... Kits with 1/8" Pins **ALL18225** ..... Kit With 3/16" Pins

#### **Steel Plate**

Steel plate is useful for many building projects or fabricating

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

**ALL54070** ..... 18" x 26" **ALL54071** .... 24" x 24" **ALL54072** .... 24" x 36"

## **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**

**ALL18209** ..... Jaw Set

**ALL99255** ..... Nose Piece Set 3pcs **ALL99256** ..... Mandrel Cup

#### **Stainless Wire Screen**

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



ALL22260 ..... 12" x 36" ALL22262 ..... 36" x 36"

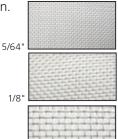
1/8" (.035" Wire Diameter)

**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"





#### **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. Note: This tool will cut a hole in up to 20 gauge (.0359") steel or 18 gauge (.0403") aluminum. Hole size is increased about 1/8" when hole is flared.

 ALL11070......1-1/2"
 ALL11075.....2-1/2"

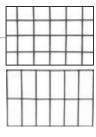
 ALL11072......1-3/4"
 ALL11076.....2-5/8"

 ALL11074.....2"
 ALL11078.....3"

#### 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.

**ALL22276** ..... 1" x 1" **ALL22277** ..... 1" x 2"





#### 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.

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. KOII	25. KOII	20. KOII
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.

ALL22220 ..... 36" x 72", 0.118" Scratch Proof, 2-Sides ALL2223 ..... 40" x 72", 0.118" Scratch Proof, 2-Sides ALL2222 ..... 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.

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 guarter panels yet universal enough for use in other locations. 4.5" tall x 30" long with 1" flanges. Sold each.

#### **Related Part**

**ALL23020**..... Adjustable Steel Brace (16" to 27")

ALL23021

ALL23021 ..... Adjustable Aluminum Brace (21" to 26")

#### **Modified Nose Support**

#### **ALL23073**

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

#### **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.

ALL23066 ..... LH Support ALL23067 ..... RH Support

#### **Related Parts**

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



Kody Swanson

120°

120°

90°

End View

End View

End View



#### **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).

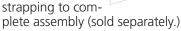
ALL23105 ..... Body Brace Kit ALL23107 ..... Body Brace Kit

#### **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 com-





Frank Heckenast Jr.

#### 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

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 predrilled 1/4" holes on 1" centers.

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.

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.





#### **Aluminum Angled Stock**

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



#### **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

## 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 Flat Stock**

Aluminum 6063-T5 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

#### 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

12 FT. AND LONGER LENGTHS FOR LOCAL PICKUP ONLY!

#### **Flexible Body Brace Kit**



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.

#### **Replacement Parts**

ALL23081 ..... Body Brace Rod Only ALL23082 ..... Body Brace Ends, 2-Pack

#### **Flexible Body Brace**



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.

ALL23075 ..... Body Brace ALL23075-4.. Body Brace 4-Pack

#### **Spoiler/Body Brace**



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

ALL23020 ..... Steel, Natural, Adjusts 16" to 27"
ALL23021 ..... Aluminum, Black, Adjusts 21" to 26"



Dona Marcoullier



Mike Harrison

ALL18655

ALL18561



#### **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.

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.

**ALL23112** ..... 25' Long Roll ALL23113 ..... 100' Long Roll

#### **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 Part**

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**

**ALL99014** ..... Mandrel For ALL23117 ALL99173 ..... Mandrel Bolt **ALL99174** ..... Top Plate

#### **Body Bolt Kits**

Bolts are designed for easy installation and removal, with ALL18560 a 1/4"-20 thread and a built-in captured washer. Nuts have built-in serrations to 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
3/4	Clear	ALL18654	ALL18654-50
	Black	ALL18560	ALL18560-50
1-1/8"	Clear	ALL18655	ALL18655-50
	Gold	ALL18561	ALL18561-50



#### **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 Dia.
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	.085"	1-9/16"	7/8"	1/4"



ALL60024

ALL60027

ALL60015



ALL60041

ALL60086

ALL60017

ALL60087



#### 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.

ALL18512..... Kit With 3/16" Dia. Flip-

Over Clips

**ALL18514**..... Kit With 5/32" Dia. Hairpin Clips **ALL18513**..... Kit With 1/4" Dia. Flip-Over 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

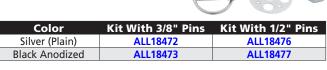
#### 3/8" Aluminum Hood Pin Kits

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.



#### **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.

**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.

**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.

**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

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.





ALL60005 ALL18520

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



Tyler Spalding

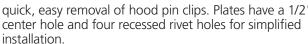
ALL23302

ALL23306



#### **Plastic Scuff Plates**

Sturdy plastic scuff plates have a raised center for



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



ALL18516

ALL18506

ALL18517

#### **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.

ALL18516	Hairpin Clip, 5,	/32"
ALL18515	Flip-Over Clip,	3/16'
ALL18506	Flip-Over Clip,	1/4"

#### 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.

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.

**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.

**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.



Covers are constructed of a waterproof material and designed for a precise fit. The template body cover has zippers

to access the interior and at the wheel well openings. The Dirt Late Model cover has zippers to access the engine and driver compartment. Full size covers have reflective

silver finish to reflect heat, a soft cotton inner liner, builtin grommets and elastic banding. Not designed for outdoor storage.

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.





# ALLSTAR' PERFORMANCE

#### **Hood Scoops**



Scoops are molded from durable high impact plastic with carbon fiber look and have a molded-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.

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	5-1/2"	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"

<sup>\*</sup>Mounting flange has a slight curvature for rolled hoods

#### Aero Scoops

Aerodynamically designed fiberglass scoops are strong yet lightweight with a durable,

ALL23284

black high-gloss, seamless gelcoat finish and a 2" wide mounting flange. Open back scoops have an angled 6" tall rear opening to fit most windshields.

Part No.	Description	Overall Height	Overall Length	Width w/o Flange
ALL23280	Open Back	13-1/2"	50"	14-1/2"
ALL23282	Open Back	13"	50"	14-1/2"
ALL23284	Closed Back	12"	38"	14-1/2"

#### **Dragster Scoops**

Strong yet lightweight, fiberglass scoops have a durable, black high-gloss, seamless gelcoat finish. Complete installation on 4500 series carburetors requires



a scoop tray mounting kit, which mounts between carb and intake manifold to secure ALL23288 scoop tray. Scoops are typically secured to tray with quick turn fasteners and hardware (sold separately).

	Overall		
Part No.	<b>Overall Height</b>	Length	Width
ALL23270	16"	33"	14"
ALL23272	15-1/2"	25-1/2"	14"
ALL23274	20-1/2"	29-1/2"	14"

#### **Dragster Scoop Trays**

Scoop tray is the lower portion of the scoop or plenum that directs air into the carburetor when used with dragster style scoops.

Tray measures 21-5/8" L x 13-1/2" W and requires a separate scoop tray mount whi

requires a separate scoop tray mount which supports the tray above the carburetor providing a secure mounting point for scoop.

#### **Flat Mount**

ALL23266 ..... Aluminum Tray for 4150 Series Carb ALL23267 ..... Aluminum Tray for 4500 Series Carb Raised - 3" Tall

ALL23268 ..... Aluminum Tray for 4150 Series Carb ALL23269 ..... Aluminum Tray for 4500 Series Carb ALL23288 ..... Fiberglass Tray for 4500 Series

#### **Scoop Tray Mounts**

Scoop tray mounts offer an all in one solution to mount a scoop tray, throttle, and nitrous solenoids. Mounts provide a clean look, eliminating the need to use multiple brackets, mounts and gaskets. CNC machined from 6061 aluminum, black anodized. Standard Mounts

**ALL54302** ..... 4150 (1.755" Bore) **ALL54304** ..... 4500 (2.375" Bore) **Mounts w/ Nitrous Solenoid Mounts ALL54306** ..... 4150 (1.755" Bore

ALL54308..... 4500 (2.375" Bore)



Dial-in boards are a great alternative to messy shoe polish when displaying your ET dial-in. Highly visible



ALI 23268

3" tall white numerals help to ensure correct times are entered at the tower. Each numeral has seven pivoting sections that are easily changed to quickly adjust dial-in time. Available with mounting holes for a standard dial-in board bracket or ALL23293 with suction cups and hook/loop tape.

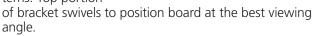
ALL23291 ..... 3 Digit w/Mount Holes ALL23292 ..... 4 Digit w/Mount Holes

ALL23293 ..... 4 Digit w/Suction Cups And Hook/Loop Tape

#### Dial-In Board Mounts

#### **ALL23297**

Two-piece billet aluminum mount fits dial-in boards with 8.75" x 3" mounting hole patterns. Top portion



ΔII10488



Outlaw Asphalt Late Model Fiberglass Roof

**ALL23204** 

Fiberglass roof has a molded-in recess to provide a smooth transition for mounting wraparound windshields. Roof measures 41" L x 45" W,

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.

**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.

**ALL23170** ..... White **ALL23171** ..... Black

#### **Related Part**

ALL23215 ..... Universal Dirt Roof Cap, 50" Wide

#### **Dirt Roofs**

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

**ALL23180** ..... White **ALL23181** ..... Black





Adam Terry



## 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.

#### **Rear Roof Support ALL23122**

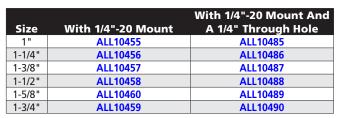
Drilled and slotted aluminum support strengthens Dirt Late Model and Modified rear roof area. Support is 42" L x 7/8" W x 1/8" thick and has 1/4" x 1/2" slots on 1" centers.

#### **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.

ALI 10456



#### **Universal Brackets**

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

ALL10452 ..... 1-1/4" ALL10453 ..... 1-1/2" ALL10454 ..... 1-3/4"

#### **Flush Mount Bolts**

Slotted 1/4"-20 flush mount bolts have a 1" O.D. beveled head to provide a smooth finished appear-

ance. Excellent when securing panels, nose supports, spoiler sides and many other uses. Size noted is under head length. Package of 10.







### 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.

**ALL22997** ..... Plain ALL22999 ..... Black

#### **Replacement Parts**

ALL99124 ..... Right Rear Side Support, Black ALL99125 ..... Right Rear 16" Spoiler Section, Black

ALL99126 ..... Right Rear 16" Hinge, 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. Kits include

rear blade(s) and hinges. 2-piece kit has unequal length

ALL22974 ..... 1-Piece, 2" x 66" ALL22978 ..... 1-Piece, 5" Tall ALL22979 ..... 2-Piece, 5" Tall

**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.

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.





#### **Spoiler/Body Brace**



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

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.

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**

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".

**ALL23255** ..... Plain

ALL23256 ..... Black NEW BLACK VERSION

#### **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.



**ALL23128** 

## **Spoiler Support Bracket**

**ALL23252** 

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



Allen Weisser

ALL23128-5



#### **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. Wrap around style panel has upper and lower mounting flanges and measures 29" W x 7" tall.

**ALL23242**..... White **ALL23243** ..... Black

#### **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, ALL18532 hinge, quick turn fastener and quick turn fastener spring. Sizes refer to door opening dimen-ALL18541 sions, add 2" for installed dimensions.

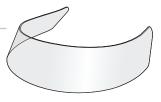
Size	Clear	Black
6" x 6"	ALL18530	ALL18540
8" x 8"	ALL18531	ALL18541
6" x 14"	ALL18532	ALL18542
10" x 14"	ALL18533	ALL18543
14" x 14"	ALL18534	ALL18544

#### **Replacement Parts**

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.

#### **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.

ALL30165 ..... 25" Long ALL30166 ..... 23-3/4" Long

#### **Dirt Skirtz**

Minimize clay build up! Unique material is very flexible and virtu-



ALL23310

ally eliminates clay build up 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.

ALL23309 ..... 10" x 23" (Fuel Cell) **ALL23310** ..... 12" x 60"

ALL23312 ..... 15" x 60" ALL23314 ..... 21" x 60" ALL23316 ..... 25" x 60"



ALL23309

ALL23308 ..... 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.

ALL23318 ..... Replacement Velcro Hook Side 1" x 13' ALL23319 ..... Replacement Velcro Loop Side Soft 1" x 13'

#### **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.



#### 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.



#### **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.



Shipment Only

# PERFORMANCE

#### **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.



ALL42088

ALI 72160

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

#### 1979-81\*

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

ALL72160 ..... Spindle Nut Kit ALL72164 ..... Front Hub Dust Cap

ALL72305 ..... Master Bearing And Seal Kit

**ALL72128** ..... Hub Seal ALL72275 ..... Inner Bearing ALL72277 ..... Outer Bearing



#### 1982-88<sup>†</sup>

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

ALL72160 ..... Spindle Nut Kit ALL72164 ..... Front Hub Dust Cap

ALL72306 ..... Master Bearing And Seal Kit

**ALL72128** ..... Hub Seal ALL72275 ..... Inner Bearing ALL72278 ..... Outer Bearing



#### **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**

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**

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).

ALL42090..... Rotor w/ 1/2"-20 Wheel Studs, 5 On 4-1/2" B.C. ALL42091 ..... Rotor w/ 1/2"-20 Wheel Studs, 5 On 4-3/4" B.C. ALL42089..... Rotor w/ 5/8"-11 Wheel Studs, 5 On 5" B.C.

#### **Related Parts**

ALL72161 ..... Spindle Nut Kit ALL72165 ..... Front Hub Dust Cap ALL72308 ..... Master Bearing And Seal Kit

ALL72126 ..... Hub Seal ALL72270 ..... Inner Bearing ALL72274 ..... Outer Bearing



#### **TECH TIP**

The term "Metric Chassis" commonly refers to the intermediate line of GM cars built from 1978 through 1988 including the Chevrolet Monte Carlo and Malibu, Oldsmobile Cutlass, Buick Regal and the Pontiac Grand Prix. These chassis are very similar but they also have some differences. One of the major differences applies to the front steering spindles and brake rotors. There were three different brake rotors used and two different spindles. 1978 year vehicles used a spindle/rotor combination that was a one-year production. 1979-88 vehicles used the same spindle but utilized two different brake rotors. These rotors appear very similar but the 1979-81 use a brake rotor with a larger outer bearing and race than the 1982-88 model vears. These rotors may be interchanged but will require the matching outer bearing for proper installation.

#### **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 un-sprung 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.

ALL42118



#### **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.

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.

**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.

ALL42129 ..... 2-1/2" Offset, 2.2 Lbs. ALL42128 ..... 3" Offset, 2.5 Lbs.





Tim WIlber

#### **Rotor Spacer For Dirt Late Models**

Minimize caliper damage from debris and maximize cooling capabilities. Rotor spacer bolts to a Wide 5 hub, moving the rotor/caliper inboard and out of the wheel shell. When used on the left rear corner, spacer also helps reduce caliper damage from this common debris area. Made from 6061 aluminum and includes eight mounting bolts.

**ALL42014** ..... 1.75" Rotor Spacer **ALL42016** ..... 2.25" Rotor Spacer

#### **Mustang II Caliper Brackets**

Install 11" Granada style rotors and GM Metric style calipers on stock height or lowered Mustang II spindles with these bolton caliper brackets. Lightweight steel brackets ALL42111 weigh just over one pound each and are sold individually. Commonly used on Modifieds and stock cars.

ALL42110 ..... LH Caliper Bracket ALL42111 ..... RH Caliper Bracket

#### **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.

ALL42118 ..... LH Hybrid Caliper Bracket ALL42119 ..... RH Hybrid Caliper Bracket

#### **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). Use with ALL42095 brake rotor.

ALL42180 I H Bracket ALL42181 ..... RH Bracket



#### **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.



#### Clamp-On Brackets

ALL42101 ..... Big GM, 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

#### **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.

#### 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.

ALL72318 ..... Late Torino Style ALL72319 ..... Early Style

Related Item

ALL72042 ..... Backing Plate T-Bolts (Late Style), 8-Pack

#### **Rodney Sanders**

ALL72318

#### **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.

#### 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.

ALL50250 ..... LH Deflector ALL50251 ..... RH Deflector



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.

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

#### **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.

ALL42079 ..... Socket Head, 3/8" Allen ALL42080 ..... Hex Head, 5/8" Wrench





#### **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

**ALL42039**..... GM Metric, .100" Thick **ALL42040**..... GM Metric, .190" Thick **ALL42041**..... Big GM, .190" Thick

#### **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.

**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.

million

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).

Kit Does Not Have Provisions For Parking Brake

#### **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.

**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)

#### **D.O.T. 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 16" DOT approved #3 braided steel hoses.

**ALL42032** ..... GM Metric Kit With 10mm-1.50 Caliper Bolts **ALL42033** ..... Big GM Kit With 7/16"-20 Caliper Bolts

#### **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.

**ALL42025**..... GM Metric Kit With 10mm-1.50 Caliper Bolts **ALL42027**..... Big GM Kit With 7/16"-20 Caliper Bolts





# PERFORMANCE

#### **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.

ALL42150 ..... 3"X10', 275° **ALL42154**..... 4"X10', 300° **ALL42151** ..... 3"X10', 300° **ALL42155**..... 4"X10', 550°

**ALL42152** ..... 3"X10', 550°

#### **Plastic Brake Ducts**

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



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.



#### Spindle Ducts











ALL42115 ALL42114 ALL42117

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

ALL42112 .. LH, Dual **ALL42113** .. RH, Dual ALL42114 .. LH, Heavy Duty ALL42115 .. RH, Heavy Duty ALL42116 ... LH, Lightweight ALL42117 ... RH, Lightweight

#### **In-Line Duct Blowers**







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

ALL13010...... 3" Compact, 5" Long, 140 CFM ALL13008 ..... 3" Heavy Duty, 8" Long, 170 CFM ALL13009 ..... 4" Heavy Duty, 6" Long, 240 CFM

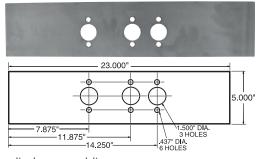
#### Hanging Brake Pedal Mount ALL54060

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



#### 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.

#### 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.

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





#### **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.

#### 90° Hanging Brake Pedal Assembly ALL41013

Universal pedal mount positions the booster and master cylinder under the dash 90° to the firewall for a clean underhood appearance and is ideal for vehicles that simply do not have room in the engine compartment for a booster or master cylinder. Bracket has provisions to accept Allstar power brake boosters or to mount a master cylinder directly to the bracket for manual brake applications. Welding required to mount pedal tab to pedal.

## Universal Floor Mounted Brake Pedal Assembly ALL41015

Pedal assembly is commonly used when converting under-floor standard single reservoir master cylinder to a power, dual reservoir master cylinder brake system. Pedal assembly will accept Allstar 7" and 8" power brake boosters. Pedal arms feature bushings to resist wear and provide years of use. Pedal assembly does not have provisions for a clutch pedal.

\*Universal pedal assembly will work on 1928-32 Fords with modifications

#### **Power Brake Boosters**

Boosters are available in 7" or 8" diameter and fit Allstar brake pedals as well as other aftermarket units. For use with ALL41060-41062 master cylinders. The 7" booster is 3-3/4" deep, the 8" booster is 5-1/2" deep.

**ALL41005** ..... 7", Single Diaphragm, Universal **ALL41006** ..... 8", Dual Diaphragm, Universal

**ALL41007** ...... '55-64 Chevy, 7", Single Diaphragm, Standard Finish **ALL41008** ..... '55-64 Chevy, 7", Single Diaphragm, Chrome **ALL41009** ...... '55-64 Chevy, 8", Dual Diaphragm, Standard Finish

#### **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** ..... 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.

**ALL41027** ..... 4-3/4" Long Overall With 3" of Male Thread **ALL41028** ..... 8" 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.

ALL42045 ..... Single Outlet ALL42046 ..... Dual Outlet





#### Plunger Style Brake Light Switch ALL76253

Popular two terminal brake light switch found in most vehicles from the 1950's to today. Ideal for most applications, switch is spring loaded to the on position and turns off when contacted by the brake pedal assembly. Switch has 1/2" threads with jam nuts for easy mounting in a bracket, and two .250" blade type terminals.

#### **Lever Style Brake Light Switch ALL76250**

Switch is commonly used with under-floor mounted brake pedal assemblies when switch can contact the brake pedal arm. Spring loaded switch is designed to return to the open position and has two #10-32 tapped mounting holes, 5/8" on centers. Designed for easy two wire connection, one "+" supply and the other to power brake lights or a brake light relay. Switch is rated at 4.5 amps and features two male bullet terminals.

#### Pressure Activated Brake Light Switches

Switch is plumbed into the brake system and is activated by closing the electrical connection with rising brake pressure (60-120 PSI). Designed for easy two wire connection, one "+" supply and the other to power brake lights or a brake light relay. Switches are rated at 4.5 amps and have 1/8"-27 dry seal mounting threads.

ALL76251 ..... Male Bullet Terminals ALL76252 ..... 6-32 Screw Terminals

#### **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

ALL41048 ..... 2 Lb. For Disc Brakes (Blue)
ALL41049 ..... 10 Lb. For Drum Brakes (Red)

## **Distribution Block With Proportioning Valve And Brake Light Switch ALL48037**

rotor. Valves include two 3/16" inverted flare fittings.

Distribution block connects brake lines from the master cylinder to front and rear brakes with the added benefit of a rear proportioning valve and built-in pressure activated brake light switch. The proportioning valve may be adjusted

to limit rear brake pressure to help prevent rear brake lockup. Block ports have 3/8"-24 threads that accept 3/16" inverted flare style fittings. Block includes installation instructions, fittings, pigtail wiring harness and boot.

#### **Proportioning Valve ALL48025**

Adjust front-to-rear brake bias with the twist of a knob. Provides up to 57% reduction. Fitting ports are 1/8"NPT. Valve includes two fittings to adapt to 3/16" brake line. 1" L, 1-3/4" W and 3-5/16" tall.

## Combination Valves

Multi-purpose valves are used in the brake system to properly distribute fluid to the front and rear brakes, meter the amount of fluid and pressure delivered to each brake and provide an option to connect a warning light to alert in case of brake failure.

ALL41040 ..... Disc/Drum ALL41042 ..... Disc/Disc

Related Part

ALL41044 ..... Connector For Warning Light



#### ALL4104

#### **Bleeder Tool ALL41043**

Tool temporarily replaces the warning light switch in ALL41040 and ALL41042 combination valves to keep the spool valve centered when bleeding the brake system. When bleeding the brake system, the spool valve may be forced to the front or rear and prevent proper system bleeding.

## **Combination Valve Mounting Brackets**

Brackets provide a secure mount for combination valves allowing them to be mounted to the frame or directly under the master cylinder providing access to lines and fittings.

**ALL41045** ..... Horizontal Mount Bracket **ALL41046** ..... Vertical Mount Bracket

#### 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.





#### **Electric Line Lock Kit**

Electrically controlled valve engages with a switch, and holds pressure to the front brakes on drag race vehicles. Commonly used to prevent vehicles from rolling once

prevent vehicles. Commonly used to prevent vehicles from rolling once they have staged or during burn outs in the water ALL48012

box. Detailed installation instructions included. **ALL48012** ..... Electric Line Lock Master Kit

**ALL48013** ..... Electric Line Lock Kit With Fittings **ALL48014** ..... Electrical Hardware Kit

#### Brake Bias Adjuster With Reference Pointer

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 adjuster. Housing, internals, brackets and knob with detent are all



#### **NEW BLACK VERSIONS**

made of aluminum and includes a five foot adjuster cable with 3/8" - 24 threads that can be cut to any length for a custom fit and has 3/8"-24 threads for most standard pedal assemblies.

**ALL42074** ..... Adjuster With Knob Silver **ALL42073** ..... Adjuster With Knob Black

**ALL42078** ..... Adjuster With Crank Handle Silver **ALL42077** ..... Adjuster With Crank Handle Black

#### **Replacement Parts**

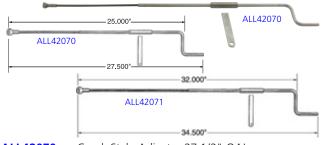
ALL99116 ..... Cable Assembly

ALL99117 ..... Ball, Spring And Set Screw

#### **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.





ALL42070 ..... Crank-Style Adjuster 27-1/2" OAL ALL42071 ..... Crank-Style Adjuster 34-1/2" OAL ALL42072 ..... Knob Style Adjuster with 5' Cable 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

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

ALL80170 ..... Vertical ALL80172 ..... Horizontal

horizontal or vertical versions.



#### Swivel Head 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.



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



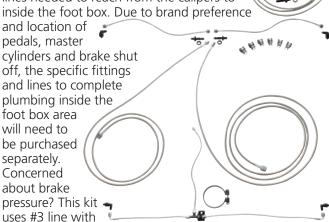
in the rear brake system. Compare front to rear pressures to help diagnose problems or to preset your brake bias. Gauges easily replace 1/4"-28 brake bleeders which are commonly found in most aftermarket calipers.



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#### **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

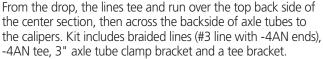


-4AN ends. The #3 line size offers a stiffer pedal feel while utilizing the more popular -4AN ends.

**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.



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.

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!

#### **Deluxe Nylon Brake Line Kits**

Deluxe kits feature push lock fittings to ease installation. Kits include 30 feet of line and fittings. Not for

**ALL48018**..... Kit For Use Without Brake Gauges ALL48019 ..... Kit For Use With Brake Gauges

#### **Replacement Fittings**

ALL48020 ..... 1/8"NPT Male To Push Lock Hose ALL48021 ..... 1/8"NPT Female To Push Lock Hose ALL48022 ..... Plastic T - All To Push Lock Hose **ALL48023**..... Plastic T - (2) Push Lock, (1) 1/8"NPT ALL50184 ..... 1/8"NPT Male Union, 4-Pack

#### **Nylon 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 feet of 3/16" line, compression ends. unions, tees and 1/8"NPT fittings. Race proven for years. Not for street



ALL48026 ..... 10' ALL48027 ..... 50' ALL48028..... 100'

#### **Replacement Brass Fittings For Nylon Brake Line Kit**

ALL48032 ..... 1/8"NPT Straight ALL48033 ..... 1/8"NPT 90°

ALL48034 ..... 3/16" Male Union ALL48032 ALL48034 ALL48036

ALL48035 ..... 3/16" Male Tee

ALL48036..... 3/16" Captured End Caps, 10-Pack ALL50040..... Caliper Fitting 10mm-1.5 Male To 1/8"NPT Female 2-Pack (Not Included In Kit. Needed

For Use With Metric GM Calipers To Nylon Brake Line)

#### **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 occur. More durable than rubber hose.

See pages 126 to 128 in the Fittings & Hoses section for a complete listing of braided lines, coated and non-coated.



ALL48023







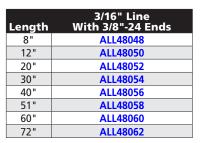






#### **Steel Brake Line**

Steel brake line is available in lengths from 8" to 72" for plumbing brake systems. Standard galvanized zinc coating.



#### **Stainless Steel Brake Line**

304 Grade stainless steel line has been double annealed for easier bending and flaring. Pre-made lines exceed SAE and DOT requirements and include standard size stainless flare nuts 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

#### **Coiled Tubing**

Coiled tubing works great for building custom length brake lines without unions. Tubing is easily cut and flared 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).

ALL48040..... 3/16" Standard Zinc, 25' **ALL48308**..... 3/16" Stainless, 20' ALL48326 ..... 1/4" Standard Zinc, 25' ALL48318 ..... 1/4" Stainless, 20'.

#### **Gravel Guard Brake Line Protector**

(Salahan Managaran da Guard protects steel and plastic brake lines against possible damage caused by gravel, rocks and other road/track debris. Zinc coated steel material is placed over tubing or brake line before ends are installed. Sold in 8' long lengths.

ALL48330 ..... 3/16" ALL48332 ..... 1/4"

#### **Inverted Flare Nuts**

3/16" and 1/4" flare nuts are used for building custom brake lines. Nuts are available to fit most master cylinders and metering/proportioning valves. Select proper thread size for line used. Colors listed may vary.

Part No.	Size	Color	Qty.		
Flare Nuts For	Flare Nuts For 3/16" Brake 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" Brake 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		

#### **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.

**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 length brake and fuel lines. Includes instructions and a plastic storage case.

#### **TECH TIP**

A few helpful tips to help when flaring stainless steel tubing and prevent splitting the line when flaring. Cut with a hacksaw or cut-off wheel, not a tubing cutter. Using a step drill such a ALL11040, slightly chamfer the inside I.D. of the tubing. Using a bench grinder, slightly bevel the outside edge.

#### **Line Clamps**

Choose from rubber cushioned aluminum, nylon or clamp-on aluminum in 3/16" and 1/4".

#### 3/16" Line Clamps

**ALL18300** ..... Rubber Cushioned Aluminum, 10-Pack

**ALL18310**..... Nylon, 10-Pack ALL18320 ..... Clamp-On Aluminum, 4-Pack

#### 1/4" Line Clamps

ALL18301 ..... Rubber Cushioned Aluminum, 10-Pack

ALL18311 ..... Nylon, 10-Pack

ALL18321..... Clamp-On Aluminum, 4-Pack



ALL18320

ALL18321





#### 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.





ALL50010 ALL50011



ALL50018 ALL50019



ALL50021





ALI 50199

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°

ALL50011 ..... 1/8"NPT Male To -4AN 45° ALL50018 ..... 1/8"NPT Male To -3AN 90° ALL50019 ..... 1/8"NPT Male To -4AN 90° ALL50020 ..... 1/8"NPT Male To -3AN 90° Tall ALL50021 ..... 1/8"NPT Male To -4AN 90° Tall ALL50199 ..... 1/8"NPT Female To -3AN

ALL50200 ..... 1/8 "NPT Female To -4AN

#### NPT Fittings

Popular brass 1/8"-27NPT fittings used for a variety of applications.



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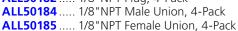




ALL50185

ALL50184

ALL50182 ..... 1/8"NPT Plug, 4-Pack



ALL50138 ..... 1/8"NPT Tee, 2-Pack ALL50139 ..... 1/8"NPT Tee, 2-Pack



ALL50138



ALL50139

#### 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

ALI 50030 ALL50036

ALL50032

ALI 50035

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°

**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 ..... 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



ALL50066

ALL50063

**Banjo Bolts** 

Banjo bolts are a drilled bolt to allow 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.





#### **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

#### **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.

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.









ALL50135





ALL50131

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

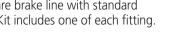
ALL50183 ..... 3/16" Plug, 4-Pack ALL50130 ..... 3/16" Union, 4-Pack

**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.





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#### **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.

ALL50104 ..... 3/16" To 3AN ALL50105 ..... 3/16" To 4AN ALL60092 ..... Weld-On Tabs, 4-Pack



#### Clip-In Adapter Fittings

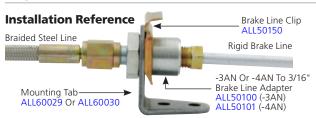
Steel adapter fittings provide a bulkhead style connection to AN lines that can be mounted directly to the chassis by using tabs or brackets and retainer clips. Fittings fit in a 5/8" hole and are sold in a pack of 2.

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



ALL60029 ALL60030

#### **TECH TIP**



#### D.O.T. Legal **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 16" DOT approved #3 braided steel hoses.

ALL42032 ..... GM Metric Kit With 10mm-1.50 Caliper Bolts ALL42033 ..... Big GM Kit With 7/16"-20 Caliper Bolts

#### **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.

ALL42025 ..... GM Metric Kit With 10mm-1.50 Caliper Bolts ALL42027 ..... Big GM Kit With 7/16"-20 Caliper Bolts



#### Steel Tube Nuts And Sleeves

Steel 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.

ALL50300 ..... -3 Tube Nut **ALL50310** ..... -3 Tube Sleeve



ALL50310

#### 90° Swivel AN Fitting

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.

ALL50108 ..... 1/8"NPT to -3AN ALL50109 ..... 1/8"NPT to -4AN

#### **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.



٩L	L503	330

Size (Female)	For Tubing O.D.	Tube Nut	Tube Sleeve
-3	3/16"	ALL50320	ALL50330
-4	1/4"	ALL50321	ALL50331

#### **Quick Disconnect Couplings**

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.



**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

#### **AN Union Fittings**

Black anodized aluminum flare union adapter fittings are commonly used to connect two hoses with female AN ends.

ALL50090 ..... -3AN to -3AN ALL50091 ..... -4AN to -4AN

#### **AN Bulkhead Fittings**

Black anodized aluminum bulkhead adapters are perfect when plumbing needs to pass through a firewall, interior panel or a mounting bracket.

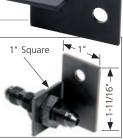
ALL50092 ..... Straight -3AN to -3AN ALL50093 ..... Straight -4AN to -4AN ALL50094..... 90° -3AN to -3AN **ALL50095**..... 90° -4AN to -4AN **ALL50096**..... Tee (Run) -3AN (3x) **ALL50097** ..... Tee (Run) -4AN (3x) ALL50098..... - 3AN Bulkhead Nut ALL50099 ..... -4AN Bulkhead Nut



#### **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.





#### **Retainer Clamp ALL68326**

Steel clamp is designed to fit around 3" O.D. axle tube and mount other brackets or keep brackets in place. Lightweight clamp has 1/4" mounting hardware and a powder coated black finish.



#### **Half Clamp Brackets**

Unique brackets are a must when clamping completely around tubing isn't possible. Bracket clamps just over ALL10464 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.







#### **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

ALL11019 ALL11018 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

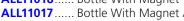
one person brake bleeding.

bottle from a chassis or

ALL11019 ...... Bottle With Lanyard **ALL11018**..... Bottle With Magnet

ALL11017 ..... Bottle With Magnet And Check Valve

**ALL99435**..... Replacement Hose



# **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.



# 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 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.



**Debbie Farrington** 

Tom Farrington

# **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.





## **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.

ALL22381

**ALL22380**..... Rocket 2005-2016\* **ALL22382**..... Rocket 2005-2015

**ALL22381** ..... XR1\*<sup>†</sup> **ALL22381** ..... Mastersbilt **ALL22383** ..... Rayburn

\*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 manufacture specifications, but these are not OE manufactured bumpers. Constructed of 1-1/2" x .065" wall mild steel tubing.

ALL22394.... Mastersbilt ALL22393.... Mastersbilt, Gen X ALL22395.... Rocket 2005-2015\*\* ALL22396.... Rocket 2005-2015\*

\*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 manufacture 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.

**ALL22340**..... Rocket 2005-2016\* **ALL22343**..... XR1\*†

\*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 manufacture specifications but these are not OE manufactured bumpers. Constructed of 1-1/4" x .065" wall mild steel tubing.

ALL22387 ..... Mastersbilt

ALL22384..... Mastersbilt, Gen X, 1-1/2" x .065" Main Tube

**ALL22388** .... Rocket, 36" CTC **ALL22389** .... Rocket, 34" CTC

#### **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 ALL22336 require welding for a custom fit to a variety of chassis widths. ALL22336 ..... Wide Rear Bumper Kit with straight main tube is built from 1-1/4" O.D. x AII 22337 .065" wall mild steel tubing and measures 54" wide x 11-

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.

1/2" tall with a 34" wide fuel cell guard.

# Sprint Stacked Front Bumper ALL22300

Stacked front bumper for improved front end protection is precision bent from steel or aluminum tubing, 1"
O.D. steel tubing, 6" tall x 8" long overall x 19-1/4" wide on center. Weighs less than 4 lbs.

ALL22384



## **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



#### **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 allowing 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



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

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"x 6" frame mount plates. Bumper can be assembled with a minimum width of 56" and a maximum width of 72" overall.

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"

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.

#### **Related Component**

ALL22374...... Fuel Cell Guard





## **Monte Carlo SS Nosepieces**

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



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**

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.



**ALL23014** ..... Nose Decal Kit With Stock Grille **ALL23038** ..... Nose Decal Kit With Mesh Grille

#### **Monte Carlo SS Front Bumper Kits**



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.

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" rectangle tubing.

#### Flexible Body Brace



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.

ALL23075 ..... Body Brace, Each ALL23075-4.. Body Brace, 4-Pack

#### **Spoiler/Body Brace**



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

**ALL23020** ..... Steel, Natural, Adjusts 16" to 27" **ALL23021** ..... Aluminum, Black, Adjusts 21" to 26"



#### **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

## **Camaro SS Short Track Nosepieces**

Designed specifically for short track use, in Stock Car, Sportsman and similar classes.

Noses



feature minimal recessed pockets, flat lower valiance, 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

# **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.

## Camaro SS Decal Kit ALL23044



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

# **Monte Carlo SS Rear Bumper Kit**



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.

# **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 allowing it to be bolted directly to the bumper. Support fits LH or RH sides and is sold each.

# **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.

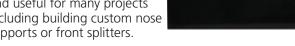


Steven Pena



#### **Sheet Plastic**

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



ALL22231 ..... 15" x 48" ALL22232 ..... 30" x 48"



# **Nose Support For Template Nose**

**Modified Nose Supports** 

Spring steel support fits under the

port and eases mounting of nose

nose panel for structural sup-

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

ALL23066 ..... LH Support ALL23067 ..... RH Support

**Related Parts** 

**ALL23073** 

valances.

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

# **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.

# **Flexible Body Brace**

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.

ALL23075 ..... Body Brace ALL23075-4.. Body Brace 4-Pack



Austin Friedman

Trey Goodson

# **Dragster Nose ALL23278**

Aerodynamic fiberglass nose is strong vet lightweight, with a durable, black high-gloss, seamless gelcoat finish. Nose is 10" tall x 11" W x 29" L with a 1" mounting flange.



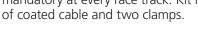
#### **Universal Tow Hooks**

Universal hooks are designed to be mounted behind the bumper cover providing a quick access point for towing a vehicle to the pit area or back onto the track. Bracket has two 5/16" mounting holes to secure bracket to the frame or inner bumper.

ALL22311 ..... Solid Mount ALL22312 ..... Swivel Mount

# **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.



Kit Shown Assembled



#### **8-Point Roll Bar Kits**

Kits increase safety and the structural integrity of the vehicle. Main hoops are custom bent to fit each application precisely. Hoop and bars constructed of .134" mild steel, 1-3/4" diameter tubing. Welding required. Floor plates sold separately for unibody cars.



Kit Shown Assembled

#### **8-Point Roll Bar Kits**

**ALL22600**..... Camaro/Firebird 1967-69 **ALL22601**..... Camaro/Firebird 1970-81 **ALL22602**..... Camaro/Firebird 1982-92 **ALL22603**.... Camaro/Firebird 1993-02

ALL22604..... Camaro 2010-15

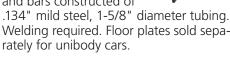
ALL22608..... G-Body (Monte Carlo, Cutlass, Regal, Grand

Prix) 1978-88

ALL22610 ..... Mustang/Capri 1979-93

## **10-Point Roll Cage Kits**

Kits increase safety and the structural integrity of the vehicle. Main hoops are custom bent to fit each application precisely. Hoop and bars constructed of .134" mild steel, 1-5/8" dian





**ALL22620** .... Camaro/Firebird 1967-69 **ALL22621** .... Camaro/Firebird 1970-81 **ALL22622** .... Camaro/Firebird 1982-92 **ALL22623** .... Camaro/Firebird 1993-02

ALL22628 ..... G-Body (Monte Carlo, Cutlass, Regal, Grand

Prix) 1978-88

ALL22630 ..... Mustang/Capri 1979-93

#### Floor Plates ALL22640

Bolt or weld these steel plates to the floor pan as required by most sanctioning bodies when installing roll bars into unibody cars. Increase the structural integrity and provide a solid mounting point for the roll bar. 6" x 6" plates are 1/8" (.125") thick and may also be used for a variety of other uses including fabricating brackets or mounts. Package of 6.

#### **Strut Bars ALL22642**

Strut bars increase the rigidity and strength of a chassis eliminating flexing and increasing reaction times.

Bars can be installed to upgrade existing ten point cage kits or when building a new chassis. Prebent to fit a variety of applications, bars are 65" long overall with a 14" leg and constructed from 1-5/8" x .134" wall mild steel tubing.

## Mini Stock Roll Cage Kits

Cage kits are designed with safety in mind for mini enduro and four cylinder classes and feature pre-cut and formed tubing specifically for the vehicles listed. 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

shield 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.

ALL22096 ..... Honda Civic NEW HONDA GIVIC KIT

**ALL22097** ..... Dodge Neon **ALL22098** ..... Ford Focus

#### **Replacement Part**

ALL99466...... Door Bar for Civic

ALL22114 ...... Door Bar for Neon and 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.



#### **Replacement Part**

ALL22113 ..... Door Bar



Matthew Sprague



#### **Deluxe Roll Cage Kits**

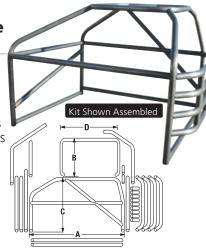
Kits include all pieces to assemble a Deluxe Roll Cage. Main hoop is fitted and tack welded together allowing for changes or custom seat mounts. Curved windshield posts fit closer to windshield pillar to increase driver visibility. Halo is curved and gusseted into the main hoop for maximum width, driver clearance and support. Mild 1-3/4" x .095" wall steel tubing is Kit Shown Assembled 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. ("A", "B",

"C"	and	"D"	measurements	are	outside-to-	outside.)
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Part No.	Description	"A"	"B"	"C"	"D"
ALL22100	'78-88 GM Metric Chassis (Monte Carlo, Regal, Etc.) '70-81 Camaro/Firebird	54"	28"	41"	44"
ALL22102	VILL22102 '70-77 Monte Carlo, Chevelle, Malibu, Etc.		28"	41"	44"
ALL22105	'77-90 Caprice/Impala	57"	28"	41"	47"
ALL22106	'79-93 Mini Stock Mustang	52.5"	28"	40"	42"

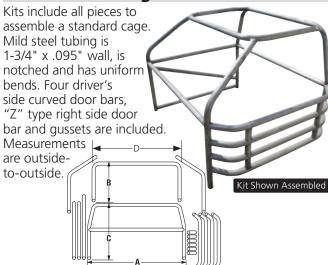
# **Offset Deluxe Roll Cage Kit**

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.



Part No.	Description	"A"	"B"	"C"	"D"
ALL22109	Offset Kit 54" Wide Frame	54"	28"	41"	31"
ALL22099	Offset Kit 57" Wide Frame	57"	28"	41"	35"

#### **Standard Roll Cage Kits**



Part No.	Description		"B"	"C"	"D"
ALL22101	'78-88 GM Metric Chassis (Monte Carlo, Regal, Etc.) '70-81 Camaro/Firebird	54"	28"	41"	42"
ALL22103	'70-77 Monte Carlo, Chevelle, Malibu, Etc.	55"	28"	41"	44"
ALL22107	Mini Stock Universal	49"	28.5"	47"	39"

# **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.

ALL22390 ..... Front Door Bar Mount ALL22391 ..... Rear Door Bar Mount ALL22392 ..... Right Door Bar, 5' L x 1-1/4"



#### **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**

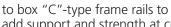
Steel plate is useful for many building projects or fabricating brackets. 10 gauge (1/8" thick) mild Steel plate is ideal for adding a protective cover to the driver's side floor or door bar area of circle track cars.

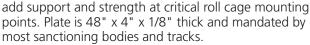


ALL54070 ..... 18" x 26" ALL54071 ..... 24" x 24" ALL54072 ..... 24" x 36"

#### **Door Plate ALL22118**

Plates can be welded between the driver's side door bars. May also be used





#### **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.

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

#### **Swing Out Door** Bar Kit ALL22670

Kit includes hardware and mounting brackets



needed when installing a swing out style door bar on roll bar equipped car. Kit includes mild steel brackets, spacers, quick release T-handle pin and mounting hardware.

#### **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 prenotched for 1-1/2" dash bars but are easily modified to fit other size bars.

ALL52120 ..... 2-1/2" Long ALL52122 ..... 4" Long ALL52124 ..... 8" Long ALL52126 ..... 10" Long

# Steering Shaft Rod End Mounting Tab

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.



**ALL52133** 

ALL52132 ..... Oversized 3/4" Rod End Kit

## **Steering Quickener Bracket ALL60028**

Mounts all popular steering guickeners 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.



Bernie VanderPloeg



# **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.

#### **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.

**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 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.



#### **Taylor Imus**

#### **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 sup-



ports (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

# **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

Guard adds protec-

tion 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".





120° End View

120°

90°

End View

End View L

# 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.



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 predrilled 1/4" holes on 1" centers.

**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 predrilled 1/4" holes on 1" centers.

**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" W x 72" L with 3/8" x 5/8" slots. Ideal for use along tops of spoilers.



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.

**ALL22085-4** . 4' Length **ALL22085-8** . 8' Length **ALL22085-12** 12' Length

#### **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.

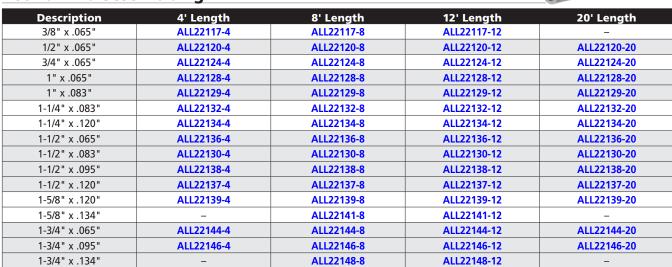
Description	4' Length	8' Length	12' Length
1" x 1" x 1/8"	ALL22156-4	ALL22156-8	ALL22156-12
1-1/2" x 1-1/2" x 1/8"	ALL22157-4	ALL22157-8	ALL22157-12
2" x 2" x 1/8"	ALL22158-4	ALL22158-8	ALL22158-12



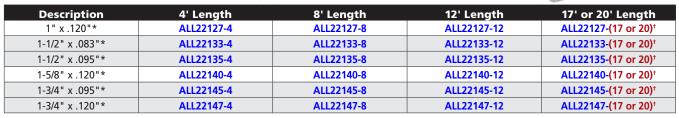
#### **Mild Steel Tubing**

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**



#### Round D.O.M. Mild Steel Tubing



<sup>\*</sup>Tubing is drawn over mandrel (D.O.M.) and has tighter wall thickness tolerance.

# **Square Mild Steel Tubing**



## **Rectangular Mild Steel (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

12 FT. AND LONGER LENGTHS FOR LOCAL PICKUP ONLY!



<sup>†</sup>Length is determined by mill run. Call for availability.



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

tLength is determined by mill run. Please call for availability.

# **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 <sup>‡</sup>
5/8"-18	1-1/4" x .120"	1.010"	ALL22546	ALL22547 <sup>‡</sup>
3/4"-16	1-1/4" x .065"	1.120"	ALL22548	ALL22549 <sup>‡</sup>
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*

<sup>‡</sup>Tube end has built-in hex for adjusting.

12 FT. AND LONGER LENGTHS FOR LOCAL PICKUP ONLY!



## **Tubing Notcher ALL10411**

Notcher works with most standard hole saws to creates 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.

#### **Replacement Part**

**ALL10402** ..... 5/8"-18 Thread Adapter

Note: Tubing notcher includes a 1/2"-20 arbor thread and 5/8"-18 adapter. Most hole saws up to 1-1/8" diameter use 1/2"-20, larger hole saws use 5/8"-18 thread.

#### **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". Hole saws up to 1-1/8" diameter use 1/2"-20 thread, larger hole saws use 5/8"-18

#### **Individual Hole Saws**

thread.

<b>ALL10413</b> 3/4"	<b>ALL10417</b> 1-1/2"
ALL10414 1"	<b>ALL10418</b> 1-5/8"
<b>ALL10415</b> 1-1/8"	<b>ALL10419</b> 1-3/4"
<b>ALL10416</b> 1-1/4"	

Note: Hole saws up to 1-1/8" diameter use 1/2"-20 thread, larger hole saws use 5/8"-18 thread.

#### **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

ALL99328 ..... Replacement Blades, 3-Pack

# **Digital Levels**

1" to 5".

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).

**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. Also works on trailing arms and suspen-



sion tubes when used with ALL10740 Smart Tool Tray. A "hold" button freezes and unfreezes readings which can be displayed as degrees, percentages, or in./ft. at the push of a button. Plus and minus signs indicate when pitch is more or less than that shown on the display. Pitch reads in 1/8 in./ft. increments. Tool emits an audible "beep" at level and plumb. The tool shuts off automatically if idle for more than six minutes. Powered by a standard 9 volt battery.

#### **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,



Digital scale and mounting bracket sold separately.

ALL10742 and ALL10744 or standard bubble levels.

#### **Individual Mounting Brackets**

ALL14192 ..... 1" ALL14193 ..... 1-1/4" ALL14194 ..... 1-3/8" ALL14195 ..... 1-1/2" ALL14196 ..... 1-5/8" ALL14197 ..... 1-3/4"



ALL1419

#### **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 in not accessible and they allow quicker installation and/or removal of chassis components.

#### 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" UH	L), 4-Pack
ALL18549-25	Short (3/8" UH	L), 25-Pack
ALL18550	Long (7/8" UHI	_), 4-Pack
Δ1118550-25	Long (7/8" LIHI	) 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



#### **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 Dia.
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 Dia.	
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" wide x 3-1/4" long and has a 1/2" hole located 1" from the end of the bracket.

## **Universal Mounting Bracket ALL60072**

Universal formed bracket is 1/8" thick and welds on for many uses, including 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 for a variety of uses.

#### **Brake Line Adapter Mounting Tabs**

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

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





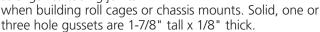
## **Tubing End Caps**

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"
<b>Rectangle End Cap</b>		
ALL22294	2" x 3"	.085"

#### Gussets

Gussets add support and strength to tubing joints



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.



**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.

ALL60360 ..... Welded Kit ALL60361 ..... Un-welded Kit

#### **Battery Boxes**

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

able in two sizes and include hold down hardware.

**ALL76100** ..... 12" Wide x 7-1/4" Deep **ALL76101** ..... 10" Wide x 7-1/4" Deep

#### **Replacement Components**

ALL99175 ..... J-Bolts with nuts 1pr ALL99177 ..... Hold Down Strap for ALL76100

ALL99176 ..... Hold Down Strap for ALL76101

#### **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.

ALL76102 ..... Clear Zinc ALL76103 ..... Black

# Stainless Steel Drop-Out Battery Box ALL76105

The perfect battery box where battery mounts under floor. Eases battery service and replacement. Box is 10-1/2" wide, 7" deep, and 9-1/2" tall and will accept most standard batteries.

#### **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.

## Upper Coil-Over Shock Mount Kit

#### **ALL60230**

Weld-in kit provides a mounting point for rear coil-over shock mounts on tube, boxed or stock frames with up to 48" between



ALL60361

ALL76103

frame rails. Great for drag racing and street applications, kit includes a 48" long, .120" wall x 1-1/2" mild steel tube, reinforced mounting tabs, 2" x 3" end plates and 1/2" hardware.



#### **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**



**ALL60100** ..... Left Hand Single **ALL60101** ..... Right Hand Single

#### **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.

ALL60107 ..... Single ALL60114 ..... Two Position ALL60115 ..... Three Position



#### **Flat Mount**

Bracket mounts to a flat surface or square tubing.

**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.

#### Clamp-On

ALL60220 ..... 1.75" ALL60221 ..... 1.50" ALL60222 ..... 1.25" Drop Mount Clamp-On ALL60224 ..... 1.75" ALL60225 ..... 1.50"

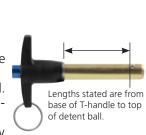
#### 1/2" Rod End Mount ALL60073

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

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.



<b>ALL60300</b> 1/4" x 1"	<b>ALL60314</b> 3/8" x 3"
<b>ALL60301</b> 1/4" x 1-1/2"	<b>ALL60318</b> 1/2" x 2"
<b>ALL60302</b> 1/4" x 2"	<b>ALL60320</b> 1/2" x 2-1/2"
<b>ALL60304</b> 5/16" x 1"	<b>ALL60322</b> 1/2" x 3"
<b>ALL60306</b> 5/16" x 2"	<b>ALL60324</b> 1/2" x 3-1/2"
<b>ALL60308</b> 5/16" x 3"	<b>ALL60326</b> 5/8" x 2"
<b>ALL60310</b> 3/8" x 1"	<b>ALL60328</b> 5/8" x 2-1/2"
<b>ALL60312</b> 3/8" x 2"	<b>ALL60330</b> 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).

**ALL60335** ..... 1/2" Collar With 10-32 Screw **ALL60336** ..... 5/8" Collar With 1/4"-28 Screw



ALL60106



ALL56119

ALL56106

ALL56095

## **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.

ALL14480 ..... 1" ALL14485 ..... 1-3/4" ALL14481 ..... 1-1/4" ALL14486 ..... 2"

ALL14483 ..... 1-1/2"

#### 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.

ALL56118 ..... 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.

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

ALL56094 ..... 4" Steel ALL56095 ..... 6" Steel ALL56066 ..... 8" Steel ALL56067 ..... 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.



ALL56068 ALL56110 ALL99052

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.

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.

ALL56073 ..... 1-1/8"-12, Fine Thread ALL56109 ..... 1"-8, Coarse Thread

## **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.

#### **Insert Bushings**

miser c Businings
ALL60080 Centered Bushings (Pair)
ALL60081 1/8" Offset Bushings (Pair)
ALL60082 1/4" Offset Bushings (Pair)
ALL60083 3/8" Offset Bushings (Pair)
ALL 60084 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.

















ALL56123



# **Front Strut Mounting Bracket**

#### **ALL60215**

Designed for use with any stud mount coil-over strut, mounting brackets

attach to the front strut bars. Brackets are also flat for universal applications and may be bent to fit multiple configurations of tubes and angles on varying chassis options

## **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.



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.

## **Driveshaft Loop ALL69000**

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

## **Driveshaft Loop For 1979-2004 Mustangs ALL69006**

Driveshaft safety loop bolts-on to help retain the front of the driveshaft in the event of a U-joint or other drivetrain component breakage. Black epoxy coated, all steel loop includes mounting hardware and complete instructions. Loop is designed to fit inside factory tunnel and work with most driveshafts up to 4" in diameter.

# **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-ioint failure. Loop is 10" tall overall and has a 5" I.D.

# Ford 9" Truss Support ALL68330

Weld-on support adds strength to rear axle housing and reduces unwanted flex during



#### **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 ..... Standard Cup ALL56123 ..... Lightweight Cup

## **Leaf Spring Slider Box ALL60034**

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.

**Replacement Parts** ALL99055 ..... Bushings

# **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,

# **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.



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 ALL60167 ALL60163 ALL60165

ALL60079

#### **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.

ALL60079 ..... 5/8" Hole, 1" Gap ALL60089..... 3/4" Hole, 1-3/16" Gap

# 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.







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.





ALL18615

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**

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"



#### **Tapered Spacers**

Length	Steel	Aluminum
1/2" I.D.		
1/4"	ALL18570	ALL18590
3/8"	ALL18571	_
1/2"	ALL18572	ALL18592
3/4"	ALL18574	ALL18594
1"	ALL18576	ALL18596
5/8" I.D.		
1/4"	ALL18580	ALL18597
1/2"	ALL18582	ALL18598
3/4"	ALL18584	ALL18599
1"	ALL18586	-
3/4" I.D.		
1/2"	ALL18587	_
2// "	A1110E00	



# **Trailing Arm Bracket ALL60042**

**ALL18589** 

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 tubina. 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.





See Page 217 For Slider Box Accessories.

#### **ALL60048**

**ALL60046** 

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

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



# **GM Metric Chassis 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 trailing arms. Sold each.

**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

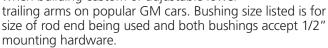
fit stock GM type mounts. Upper arm aids in adjusting pinion angle and centering rear end. Lower arm will adjust wheel base.

ALL57824 ..... Upper ALL57826 ..... Lower **Replacement Parts** 

**ALL99320** ..... Clevis End For ALL57824 ALL99321 ..... Rod End Bushings, 2-Pack

# **GM Trailing Arm Rod End Reducer Bushings**

Reducer bushings are used with spherical rod ends to take the place of the OE style trailing arm bushing (2-3/8" wide) when building custom or adjustable lower

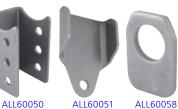


ALL18790 ..... 5/8" ALL18792..... 3/4"

# **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.



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 trailing 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.



**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.

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.



ALL60160 ..... 1" Diameter Holes,

Sold In Pairs

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.



#### Wheelie Bar Wheel Bracket Kit ALL60500

Wheelie bar wheel brackets are a great start to building a custom set of wheelie bars featuring double shear strut mounting tabs with two 3/8" holes. Kit accepts wheelie bar wheels up to 1.625" w x 4" diameter with a 3/8" I.D. axle. Welding is required.



# **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.

ALL10464 ..... 1-1/4" ALL10468 ..... 1-3/4" ALL10466 ..... 1-1/2" 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.



Round Tank Brackets (Bottle Mounts)

Hinged brackets are uniquely designed to simplify tank installation and removal. Offered in a wide variety of sizes to fit many applications including NOS and fire bottles. Brackets are 1/2" wide and feature a flat bottom with 2.5" bolt spacing. Use in conjunction with chassis brackets (ALL14450-14459) when mounting to round chassis tubing.

Size	Polished	Black
2.00"	ALL14408	ALL14409
4.00"	ALL14414	ALL14415
4.25"	ALL14418	ALL14419
4.375"	ALL14422	ALL14423
5.25"	ALL14430	ALL14431
6.90"	ALL14436	ALL14437



#### **Neck Mount Brackets**

Two-piece aluminum bottle mounting brackets are designed for 1.525" diameter necks and accept ALL14450-14459 chassis brackets. Brackets are 1/2" wide.

ALL14474..... Polished Bracket ALL14475..... Black Bracket



# Chassis Brackets (Base Mounts)

2-piece brackets clamp to chassis tubing and accept round tank brackets (ALL14402-14431) to complete your mounting needs. 2.5" bolt spacing. Mounting base is 1/2" wide.

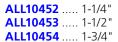
Size	Polished	Black
1.00"	ALL14450	ALL14451
1.25"	ALL14452	ALL14453
1.50"	ALL14454	ALL14455
1.625"	ALL14456	ALL14457
1.725"	ALL14458	ALL14459



ALL10452

#### **Universal Brackets**

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



ALL10445 ..... Reducer Bushing 1-3/4" to 1-5/8"





# Accessory Clamps

Aluminum two-piece clamps are ideal for mounting small parts and accessories or creating an adjustable clamp-



ALL10456 on mount for supporting body or roof panels. Clamps are 1/2"

wide and include two 1/4" button head fasteners.

		With 1/4"-20 Mount And
Size	With 1/4"-20 Mount	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

#### **Ballast**

Add weight where it's needed. Sizes listed are approximate.

ALL14176 ...... 2.5 Lb. 3-1/2" Round x 3/4" Tall\*

ALL14177 ..... 5 Lb. 3-1/2 Round x 1-3/8 Tall\*

ALL14180..... 25 Lb. 4" x 8" x 2"

**ALL14179**..... 30 Lb. 2-1/2" x 2-1/2" x 12" **ALL14182**..... 40 Lb. 12" x 3-1/2" x 2-3/4"

\*Pre-drilled With 1/2" Mounting Hole



ALL14177

# Clamp-On 10 LB. Ballast

## **ALL14205**

Designed for safely adding weight to small tube chassis found on mini wedges, mini sprints or ir dragsters. Clamp-on design is formed of two halves which bolt together around 1" to 1-1/4" round tubing. Mounting hardware included.



# 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.

# **Scale Buddy ALL13115**

The Scale Buddy is a water filled bladder that may be placed directly into the seat of the car to represent the weight of the driver when setting up and scaling your racecar. Bladder may be filled and emptied in the car using a standard garden hose and weighs up to 100lbs when filled.

Note: Designed for set-up purposes only. not designed to be used as ballast during racing.



# **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.

ALL14192 ...... 1" O.D. Round Tubing ALL14193..... 1-1/4" O.D. Round Tubina 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

# ALL14195

#### **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.



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.

ALL60060..... 2" Long ALL60061 ..... 3" Long ALL60062 ..... 4-3/4" Long

# Fuel Cell Guard **ALL22374**

Guard adds protec-

tion 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".





#### **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



LL78211 ALL782

be disappointed! Cleaner is non-toxic, non-corrosive and biodegradable so it is safe for the environment.

**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.



#### **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.

# 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.

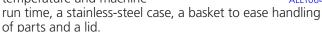




#### Donny Schatz

#### Ultrasonic Cleaners

Cleaners use high frequency sound waves to create a cavitation bubbles to gently deep clean. Cleaner features a digital display to regulate cleaning fluid temperature and machine



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

#### **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.

# ne, neels ay

# **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.

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.



# **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.



# **Dial-In Window Marker**

#### **ALL78205**

Easy on, easy off white marker works well on glass and plastic. 3 oz. bottle has a built-in felt applicator.



# 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 preclean 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.



**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 holder.



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.



#### **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

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.

**ALL78105** ...... Single **ALL78105-4** ..... 4 Pack



# **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.

Ground Shipment Or

ALL78101 ..... One Gallon Hot Lap, Quick For 200 Laps ALL78107 ..... One Pint Hot Lap



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

Ground Shipment O

**ALL78110** ..... 180°-220°F Tire Temps **ALL78111** ..... Up To 150°F Tire Temps

# 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.



#### **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 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.

# 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.

#### **Nitrile Gloves**

Nitrile gloves protect against dirt and grime and help prevent oil and harsh chemicals from contacting the skin. 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.

**ALL12024** ..... Medium **ALL12025** ..... Large **ALL12026** ..... X-Large **ALL12027** ..... XX-Large















TA-BIL

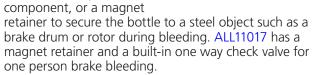
OGGING

#### **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

ALLI1019

ALL11019



**ALL11019**..... Bottle With Lanyard **ALL11018**..... Bottle With Magnet

ALL11017 ..... Bottle With Magnet And Check Valve

ALL99435 ..... Replacement Hose



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.

# **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.



In Memory of Jim Overmyer

#### Air Filter Cleaner ALL78222

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



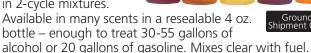
# Filter Cleaning Station ALL26009

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, 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 wash-

#### **Fuel Fragrances**

able filter elements only.

Fuel fragrances can be added to most types of fuels including methanol, nitromethane, gasoline and also may be used in 2-cycle mixtures.





ALL78132 ..... Cotton Candy
ALL78133 ..... Raspberry
ALL78134 ..... Tangerine
ALL78135 ..... Reefer Madness
ALL78136 ..... Vanilla
ALL78137 ..... Green Apple
ALL78138 ..... Strawberry
ALL78139 ..... Watermelon

## 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.

ALL78100 ..... Upper Lube

**ALL78120** ..... Upper Lube With Cherry Fragrance **ALL78122** ..... Upper Lube With Grape Fragrance





#### **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.

GM ALL30010	Core WxH	
ALL30010	4711 4011	
	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"



ALI 30022

#### **TECH TIP**

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

#### Popular Radiator Caps For Aluminum Tank Radiators

ALL30128 ..... Round 28–32psi Non-Recovery
ALL30131 ..... Round With Lever 21–25psi Recovery

# ALL30128

# 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 21.5"), two straps (1" x 11.5") and two 17" springs. Fit Allstar aluminum tank radiators.

#### **Replacement Parts**

**ALL30122** ..... Spring **ALL30123** ..... Channel

#### **Radiator Tie Down Rods**

Aluminum tie down rods are often used with an upper radiator support to keep radiator in place. Rods have 3/8"-24 RH and LH threads. Often used with a rod end on one or both ends.

**ALL54115** ..... 20" **ALL54116** .... 24" **ALL54117**..... 30"

#### **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, billet machined 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, -16 or -20AN fittings (sold separately). Available in 24",

26", 28" and 31" overall widths (including tanks).

	Core WxH	Overall
ALL30033	19" x 18"	24" x 19"
ALL30035	21" x 18"	26" x 19"
ALL30036	23" x 18"	28" x 19"
Δ1130037	26" x 18"	31" x 19"

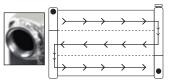




#### **Triple Pass**

Excellent quality at an affordable price. Filler necks are machined, not stamped, and tanks are furnacebrazed, 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. 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, billet machined 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, -16 or -20AN fittings (sold separately). Available in 24", 26", 28" and 31" overall widths (including tanks).

	<b>Core WxH</b>	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"



# **Radiator Inlet Fittings**

Inlet fittings thread into Allstar dual and triple pass radiators offering different connection options for one radiator. Aluminum fittings have a o-ring seal and a built-in hex with a 1-5/8" -12 thread.

**ALL30038** ..... 1-1/2" Hose Fitting **ALL30041** ..... 1-3/4" Hose Fitting\* **ALL30039** ..... -16AN Fitting **ALL30040** ..... -20AN Fitting



ALL30038



ALL30039 ALL30040

\*Use with lower radiator hose as an upper hose

See Page 65 For A Complete Listing Of Radiator Caps.

T. Oak St.



#### **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.

# **Single Pass**

	Core WxH	Overall
GM		
ALL30050	17" x 18"	22" x 19"
ALL30051	19" x 18"	24" 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"



#### **TECH TIP**

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

#### Popular Radiator Caps For Plastic Tank Radiators

**ALL30135** ..... Round 21–25psi Non-Recovery **ALL30137** ..... Octagon 21–25psi Recovery

# **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.

# **Replacement Parts**

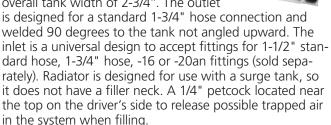
ALL30122 ..... Spring ALL30153 ..... Channel



Sheldon Haudenschild

# Late Model Radiator ALL30044

Aluminum dual pass radiator measures 16" x 28" overall featuring two rows of 15/16" tubes, a core width of 2-1/4" and an overall tank width of 2-3/4". The outlet



#### **Sprint Radiator ALL30028**

Aluminum radiator with furnace brazed tanks provides superior cooling in sprint applications. Features machined filler neck, 1-1/2" RH bottom outlet and (4) female top outlet ports for use with -10AN O-ring fittings. Radiator uses a smaller diameter cap (not included) such as AL

diameter cap (not included) such as ALL30124 or ALL30125. 20" wide x 22" tall x 2" wide. 9.7 lbs.

# Sprint Cross Flow Radiator (Chassis Mount)

#### **ALL30030**

ALL30135

Aluminum radiator with a unique black thermal coating provides superior cooling! Built-in mounting brackets enable the radiator to be quick-turn fastened directly to frame tabs. Radiator with -10AN O-ring inlets and 1-1/2" outlet is 20-1/2" wide x 18-1/2" tall (including outlet neck) x 2-3/8" thick core. Recommended radiator cap is ALL30126 (28-32 lbs.) sold separately. Approximate weight 8.5 lbs.

# 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.



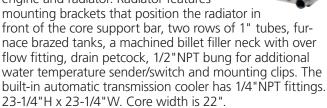


# 1955-56 Chevy Aluminum Radiator ALL30005

A direct replacement for all 1955-56
Chevy passenger cars with six cylinder engines, also ideal for 1955-57 Chevy V8's with long style water pumps.
Radiator has mounting brackets that position it in front of the core support bar, two rows of 1" tubes, furnace brazed tanks, a machined billet filler neck with over flow fitting, drain petcock, 1/2"NPT bung for additional temperature sender/switch and mounting clips. The built-in automatic transmission cooler has 1/4"NPT fittings. 23-1/4"H x 23-1/4"W. Core width is 22".

# 1957 Chevy Aluminum Radiator ALL30007

A direct replacement for all 1957 Chevy passenger cars with six cylinder engines, also ideal for V8's with long style water pumps that require additional space between engine and radiator. Radiator features



# 1955-57 Chevy Aluminum Radiator ALL30006

A direct replacement radiator for all 1955-57 Chevy passenger cars with a V8 engine using a short style water pump. Radiator has mounting brackets that position it behind the core support bar, two rows of 1" tubes, furnace brazed tanks, a machined billet filler neck with overflow fitting, drain petcock, 1/2"NPT bung for additional temperature sender/switch and mounting clips. The built-in automatic transmission cooler has 1/4"NPT fittings. 23"H x 24-1/2"W. Core width is 22".

# 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.

#### **Direct Fit Radiators**

Aluminum direct fit radiators provide increased cooling over original copper radiator. Designed for performance vehicles, features include machined billet aluminum filler necks, fully welded construc-

tion and two rows of large 1" tubes properly spaced for maximum airflow and cooling on the street, even at lower speeds. Built-in automatic transmission coolers. O.E. fan shrouds may require modification for installation.

ALL30300..... 1967-69 GM F-Body (Camaro and Firebird)
PS Outlet, DS Inlet, 31"W x 19-1/2"H Overall,
23"W x 18"H Core

ALL30301 ..... 1970-81 GM F-Body (Camaro and Firebird)
PS Outlet, DS Inlet, 26"W x 19-1/2"H Overall,
20-1/2"W x 18"H Core

ALL30302 ..... 1982-92 GM F-Body (Camaro and Firebird)
PS Outlet, DS Inlet, 30"W x 19-1/2"H Overall,
24-1/2"W x 18"H Core

ALL30304..... 1968-77 GM A-Body (Chevelle, Cutlass, LeMans)
PS Outlet, DS Inlet, 34"W x 19-1/2"H Overall,
28-1/2"W x 18"H Core

**ALL30306** ..... **1966-80 Mopar** DS Outlet, PS Inlet, 29"W x 19-1/2"H Overall, 22-1/2"W x 18"H Core

**ALL30308**..... **1964-66 Mustang** PS Outlet, PS Inlet, 19-3/4"W x 21"H Overall, 18"W x 16"H Core

**ALL30310** ..... **1979-93 Mustang** DS Outlet, PS Inlet, 29-3/4"W x 19-1/2"H Overall, 24-1/2"W x 18"H Core

# **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**

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

## **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

#### **Sprint Car Radiator Rock Screen ALL30163**

Aluminum rock screen helps to protect radiators from heavy rocks and mud. Mounting tabs are integrated into the frame for quick and easy installation to the front air box. Measures 20-1/2" wide x 12" tall and



weighs just under 1 lb. Quick turn springs are included.

#### **Stainless Wire Screen**

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

5/64" (.025" Wire Diameter)

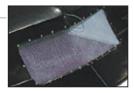
**ALL22260** ..... 12" x 36" **ALL22262** ..... 36" x 36"

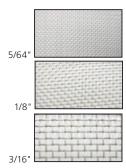
1/8" (.035" Wire Diameter)

**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"





#### **Radiator Caps**

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.



ALL30129



ALI 30136



ALL30128

,		ALLSUIZO					
Part No.	Description	Pressure					
*Non-Recovery							
ALL30134	Stant/MotoRad Round	18-22 PSI					
ALL30135	Stant/MotoRad Round	21-25 PSI					
ALL30128	Stant/MotoRad Round	28-32 PSI					
*Recovery System							
ALL30132	Stant/MotoRad Round	16 PSI					
ALL30133	Stant/MotoRad Round With Lever	16 PSI					
ALL30130	Stant/MotoRad Round With Lever	18-22 PSI					
ALL30137	Stant/MotoRad Round Octagon	21-25 PSI					
ALL30131	Stant/MotoRad Round With Lever	21-25 PSI					
ALL30136	Round	22-24 PSI					
ALL30129	Round	29-31 PSI					
*Small Diameter Recovery System							
32mm I.D. x 16mm Deep							
ALL30124	Stant/MotoRad Round	16 PSI					
ALL30125	Stant/MotoRad Round	19-21 PSI					
ALL30126	Stant/MotoRad Round	28-32 PSI					

\*Warning: High pressure radiator caps are made for use on race vehicles only. Do not use these caps on passenger vehicle cars 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.

# Billet Aluminum Radiator Cap ALL30139

Polished billet aluminum cover is permanently pressed onto a 16 lb. recovery style radiator cap for enhanced appearance within any engine compartment. Cap is a suitable choice for most street driven vehicles.

# 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.

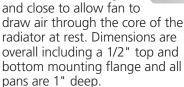


Part No.	Radiator Size*	Shroud Width	Shroud Depth	Max Fan Dia.						
Fits Allstar Radiators										
ALL30107	22"	17-3/8"	9-3/4"	15"						
ALL30112	24"	19"	9-3/4"	15"						
ALL30109	26"	20-3/4"	9-3/4"	17"						
ALL30110	28"	23"	9-3/4"	17"						
ALL30115	31"	25-3/4"	9-3/4"	17"						
Fits Griffin Radiators										
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"						

<sup>\*</sup>Radiator size reference is based on outside tank dimension.

#### **Aluminum Electric Fan Shrouds**

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,





Fan Sold Separately

ALL30060	16-3/4"	Χ	18-3/4"	Single	16"	Fan
ALL30061	18-3/4"	Χ	18-3/4"	Single	16"	Fan
ALL30062	20-3/4"	Χ	18-3/4"	Single	16"	Fan
ALL30063	25-3/4"	Χ	18-3/4"	Single	16"	Fan
ALL30064	25-3/4"	Χ	18-3/4"	Dual 1	2" F	ans



Tony Grzelakowski

#### **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.

#### **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.

# **Radiator Air Scoop For Sprint Car**

Scoop fastens around a tube or the front crossmember of most chassis to maximize airflow through the radiator, increase cooling efficiency and at the same time, create down force. Black plastic scoop is a universal design that will fit a variety of cars and the aluminum scoop is designed for most raised rail cars. Scoop is commonly fastened to the chassis with quick turn fasteners.

ALL23224 ..... Plastic 22" x 11" ALL23225 ..... Aluminum 22" x 13"



Steve Irwin



ALL30074

#### **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.

ALL30070 ..... 10", 775 CFM ALL30072 ..... 12", 925 CFM ALL30074 .... 14", 1530 CFM ALL30076 .... 16", 1980 CFM

ALL30085 ..... Replacement Mounting Kit

# **Molded Nylon Fans**

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

ALL30091 ..... 14" Dia. ALL30092 ..... 15" Dia. ALL30093 ..... 16" Dia. ALL30094 ..... 17" Dia. ALL30095 ..... 18" Dia.



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.

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 Steel Fan**

#### **ALL30099**

Steel 4-blade 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.

**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. 1-1/2" and larger spacers are uniquely designed allowing 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.

ALL30180\*... 1/2" ALL30186..... 2" ALL30182\*... 1" ALL30188.... 2-1/2" ALL30184.... 1-1/2" ALL30190..... 3"

**ALL30192** ..... 3-1/2"

**ALL99027** ..... Replacement Reducer Bushing (5/8" to 3/4")







Steve Trendell



# 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 fea-

tures 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".

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".

## **Water Pump Spacer Kits**

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

ALL31070 ..... 1/8" ALL31071 ..... 1/4" ALL31072 ..... 3/8" ALL31073 ..... 1/2"

ALL87230 ..... Replacement Gaskets



- Black Anodized Finish
- Machined from 6061 T6 Billet Aluminum
- High flow electric motor perfect for race applications
- F-Body inlet/outlet location

Pair with our Allstar inline thermostat housing if a thermostat is required! See page 71, ALL31160.

# **GM LS Coolant By-Pass/Crossover Plugs**

#### **ALL31170**

ALL31105

ALL31106

Plugs provide a location to bleed air from cooling system of most GM LS engines. Replace factory original plugs or use in place of factory crossover steam tubes. Kit includes two plugs with o-rings.







#### **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.

ALL31064 ..... Water Pump, 1/16", 1/16", 1/8" (3 Shims)

ALL31066 ..... Crankshaft, 1/16", 5/64", 1/8" (3 Shims)



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





ALL31040

pulleys are smaller in diameter than standard reduction pulleys. Acceleration capabilities are greatly enhanced.

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.)

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"

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

ALL31072



# SB Chevy 1:1 **Ratio Pulley Kits**

Double groove aluminum pulley kits feature 6-5/8" diameter pullevs and include common 15/32"



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.

**ALL31080** ..... Kit For Block Mount Power Steering Pump **ALL31082** ..... Kit For Head Mount Power Steering Pump ALL31083 ..... Kit For No Power Steering

#### **Related Parts**

V-belts to work

**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"

#### **V-Belts**

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

ALL86120 ..... 31.5" ALL86121 ..... 34" ALL86122 ..... 39"



Power Steering

Pulley Sold

Separately

ALL86123 ..... 41" ALL86124 ..... 42" ALL86125 ..... 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).

**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")

#### **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.

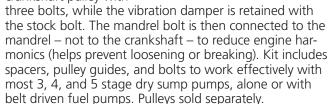
Note: These will not work with standard width pulleys that are designed for 7/16" wide V-belts.

ALL86127 ..... 29" **ALL86128** ..... 37"

ALL86129 ..... 41"

# **Crank Pulley Mandrel Kit ALL31031**

Kit prevents mandrel bolt breakage and is made specifically for use with Alistar ALL31030 crank pulley. Mandrel is attached to the crankshaft pulley with



#### **Replacement Parts**

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"

# **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.

**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**

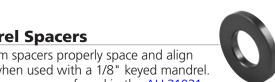
1" wide, assorted lengths.

ALL86130 ..... 21.0" ALL86132 ..... 22.5"

ALL86136 ..... 25.5" ALL86138 ..... 27.0" ALL86134 ..... 24.0"

#### **TECH TIP**

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







# Inline Electric Water Pump ALL31130

Inline water pump will flow up to 50 GPM, which is suitable for many applications throughout the motorsports industry. Pumps are designed to provide better cooling and space savings over most mechanical pumps. Pump can be used on 12-16 volt systems and only draws 6 amps. Electric motor is sealed to help prevent damage or corrosion and billet 6061-T6 aluminum housing is black hard coat anodized with threaded mounting holes for easy mounting. Use with Allstar ALL31135-31140 adapter fittings. Complete unit weighs 6 lbs. Wire harness with 20 amp inline fuse included.

ALL31135 ..... 1-1/4" Hose Fitting ALL31136 ..... 1-1/2" Hose Fitting ALL31137 ..... 1-3/4" Hose Fitting ALL31138 ..... -12AN Fitting ALL31139 ..... -16AN Fitting ALL31140 ..... -20AN Fitting



ALL31135 ALL31138

# Water Pump AN Block Adapters

Adapters mount in place of standard mechanical water pumps when using inline or remote electric water pumps. Ford pump adapters require water pump back plates for complete installation.

**ALL31150** ..... SB Chevy -12AN **ALL31151**...... BB Chevy -12AN **ALL31152** ..... SB Ford -12AN

ALL31153 ..... SB Ford Water Pump Back Plate (Early) ALL31154 ..... SB Ford Water Pump Back Plate (Late)

# Y-Block Adapter ALL31159

Billet aluminum Y-Block is commonly used when connecting inline or remote electric water pumps to AN block adapters.

1-1/4"-12 inlet port accepts Allstar ALL31135-31140 O-ring style fittings for direct hose or AN style connections. Outlet ports accept standard -12AN ORB fittings to connect to block adapters.

ALL31135 ..... 1-1/4" Hose Fitting ALL31136 ..... 1-1/2" Hose Fitting ALL31137 ..... 1-3/4" Hose Fitting ALL31138 ..... -12AN Fitting ALL31139 ..... -16AN Fitting ALL31140 ..... -20AN Fitting



ALL31135 ALL31138

# Remote Mount Electric Water Pump ALL31120

Compact water pump will flow up to 25 GPM which is perfect for intercoolers, dragsters or compact engines. Pump can be used on 12-16 volt systems and only draws 8 amps. Electric motor is sealed to help prevent damage or corrosion and 6061-T6 billet aluminum housing is black hard coat anodized

with threaded mounting holes for easy mounting. Accepts -12AN ORB fittings, complete unit weighs only 5 lbs.

#### **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.

**ALL30170** ..... 90° Neck **ALL30173** .... 75° Neck **ALL30171** .... 45° Neck **ALL30172**\* .... Straight Neck

**Related Parts:** 

**‡One-Piece Fixed Neck** 

ALL99136 ..... Replacement O-Ring

ALL30171

0 / = 10

ALL30172

ALL30170

# 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.

**ALL30370** ..... 1-1/2" **ALL30372** ..... -16AN **ALL30371** ..... 1-3/4" **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.







# **Inline Thermostat Housing**

### **ALL31160**

Black anodized aluminum inline thermostat housing fits GM-style thermostats. Use with 1.5" hose size.



NEW

NEW

### **Upper Radiator Hose Kit 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.



# **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".

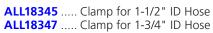
# **Billet Aluminum Hose Clamps**

Billet aluminum clamps provide a lightweight finished look for securing popular standard and silicone style radiator hoses.

ALL18326 ..... Clamp for 1-1/2" ID Hose ALL18327...... Clamp for 1-3/4" ID Hose



Stainless steel constructed band clamps provide a better sealing option over traditional hose clamps in performance applications. Clamps feature a 3/4" wide band and are sold in pairs.



See page 121 for additional sizes



Two-ply coolant hose is flexible and adapts to a variety of applications.



Abrasion resistant cover will not crack or harden.

ALL30200 12" ALL30220 11" ALL30202 14" ALL30222 13-1/2" ALL30204 15-1/2" ALL30224 16-1/2" ALL30206 17" ALL30226 19" ALL30210 22" ALL30228 23-1/2" ALL30212 25" ALL18334 Clamps, Upper Hose ALL30214 30" ALL18336 Clamps, Lower Hose	1-1/2" I.D. Upper Hose	1-3/4" I.D. Lower Hose
ALL30204 15-1/2" ALL30224 16-1/2" ALL30206 17" ALL30226 19" ALL30228 23-1/2" ALL30210 22" Hose Clamps (2-Packs): ALL30212 25" ALL18334 Clamps, Upper Hose	<b>ALL30200</b> 12"	ALL30220 11"
ALL30206 17" ALL30226 19" ALL30208 20" ALL30228 23-1/2" ALL30210 22" Hose Clamps (2-Packs): ALL30212 25" ALL18334 Clamps, Upper Hose	<b>ALL30202</b> 14"	<b>ALL30222</b> 13-1/2"
ALL30208 20" ALL30228 23-1/2"  ALL30210 22" Hose Clamps (2-Packs):  ALL30212 25" ALL18334 Clamps, Upper Hose	<b>ALL30204</b> 15-1/2"	<b>ALL30224</b> 16-1/2"
ALL30210 22" Hose Clamps (2-Packs): ALL30212 25" ALL18334 Clamps, Upper Hose	<b>ALL30206</b> 17"	<b>ALL30226</b> 19"
<b>ALL30212</b> 25" <b>ALL18334</b> Clamps, Upper Hose	<b>ALL30208</b> 20"	<b>ALL30228</b> 23-1/2"
	ALL30210 22"	Hose Clamps (2-Packs):
<b>ALL30214</b> 30" <b>ALL18336</b> Clamps, Lower Hose	ALL30212 25"	ALL18334 Clamps, Upper Hose
	<b>ALL30214</b> 30"	ALL18336 Clamps, Lower Hose

### **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. 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 con-



nection, even under harsh race condi-

tions. 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 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.

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.

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.

**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.

### **Stainless Overflow Tanks**

Stainless steel tanks capture coolant overflow and recirculates it to the radiator. Machined aluminum cap twists into the filler neck and seals with an O-ring. Inlet/outlet fittings accept 1/4" diameter hose. Unit includes mounting brackets and hardware. Measurements are of tank body; add 2" for overall length.

**ALL36150** ..... 2" x 13" **ALL36151** ..... 2" x 15"

### 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.

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.

# **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.

**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 83 For A Complete Listing Of Gauges And Gauge Panels.



## **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 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.

### **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.

<b>ALL34280</b> 1/4" Red	<b>ALL34290</b> 1/4" Black
<b>ALL34282</b> 1/2" Red	<b>ALL34292</b> 1/2" Black
<b>ALL34284</b> 3/4" Red	<b>ALL34294</b> 3/4" Black
<b>ALL34285</b> 7/8" Red	<b>ALL34295</b> 7/8" Black
<b>ALL34286</b> 1" Red	<b>ALL34296</b> 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 easily cuts with a hot knife or a soldering iron with knife attachment.

<b>ALL76610</b> 1/8" x 20'	<b>ALL76616</b> 3/4" x 5'
<b>ALL76612</b> 1/4" x 15'	<b>ALL76618</b> 1" x 10'
<b>ALL76614</b> 1/2" 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.

ALL76600	1/4"
ALL76602	1/2"
ALL76604	3/4"

### **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.

	Aluminum		Ny	lon
<b>Clamp Size</b>	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	_	_



### **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.

ALL76260 ..... Weather Pack Starter Kit ALL76262 ..... Weather Pack Master Kit



Quantity ALL76260	Quantity ALL76262	Description
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

### **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.

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	<b>ALL76282</b> (Gray)
12	ALL76274	ALL76277	<b>ALL76283</b> (Blue)

# 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



ALL76284

# **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.

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.

ALL81214 ..... 12V Ignition Connector ALL81215 ..... Tach Connector



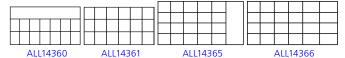
Stewart Friesen



# **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. Curved bottom compartments create a smooth scoop, making it easy to

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** ..... 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:**

22-18ga.	16-14ga.	12-10ga.
(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
<b>Butt Connectors</b>		ALL76000	ALL76010	ALL76020
	#6 Hole	ALL76001	ALL76011	ALL76021
	#8 Hole	ALL76002	ALL76012	ALL76022
Dia a Tamain ala	#10 Hole	ALL76003	ALL76013	ALL76023
Ring Terminals	1/4" Hole	ALL76004	ALL76014	ALL76024
	5/16" Hole	ALL76005	ALL76015	ALL76025
	3/8" Hole	ALL76006	ALL76016	ALL76026
Blade Terminals	Male 1/4"	ALL76007	ALL76017	ALL76027
	Female 1/4"	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	d Terminals	22-18	16-14	12-10
<b>Butt Connectors</b>		ALL76030	ALL76040	ALL76050
	#6 Hole	ALL76031	ALL76041	ALL76051
	#8 Hole	ALL76032	ALL76042	ALL76052
Dina Tarminala	#10 Hole	ALL76033	ALL76043	ALL76053
Ring Terminals	1/4" Hole	ALL76034	ALL76044	ALL76054
	5/16" Hole	ALL76035	ALL76045	ALL76055
	3/8" Hole	ALL76036	ALL76046	ALL76056
Blade Terminals	Male 1/4"	ALL76037	ALL76047	ALL76057
	Female 1/4"	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
<b>Butt Connectors</b>		ALL76060	ALL76070	ALL76080
	#6 Hole	ALL76061	ALL76071	ALL76081
	#8 Hole	ALL76062	ALL76072	ALL76082
Ring Terminals	#10 Hole	ALL76063	ALL76073	ALL76083
King Terminais	1/4" Hole	ALL76064	ALL76074	ALL76084
	5/16" Hole	ALL76065	ALL76075	ALL76085
	3/8" Hole	ALL76066	ALL76076	ALL76086
Blade Terminals	Male 1/4"	ALL76067	ALL76077	ALL76087
	Female 1/4"	ALL76068	ALL76078	ALL76088



ALL11041

### **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 this with shrink to approximately half the size when heat is applied using a heat gun or other heat source.

#### **Heat Shrink Assortment Kit**

ALL76160 ..... Includes 9pc of 1/8" and 3/16", 6pcs of 1/4" and 3pcs of 3/8" and 1/2"

### Individual Sizes (Pack of 20)

<b>ALL76162</b> 1/8"	<b>ALL76165</b> 3/8"
<b>ALL76163</b> 3/16"	<b>ALL76166</b> 1/2"
ALL76164 1/4"	<b>ALL76167</b> 3/4"

### **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"
Δ1118368	11/16"	1"

### **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)

<b>Drill Bit</b>	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)

,	
<b>Drill Bit</b>	Sizes
Fleven Sten	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"
I IWEIVE STED	3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8"

### **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 to identify powered circuits in 6-12V systems.

### **Nylon Tie Wraps**

Secure electrical wiring, gauge lines and roll bar padding. 100 per bag. Nylon tie wraps are available in black, natural, red, blue, yellow and purple nylon.



Black	Red
<b>ALL14120</b> 3-3/4"	<b>ALL14126</b> 7-1/4"
<b>ALL14122</b> 6"	<b>ALL14127</b> 14-1/4"
<b>ALL14123</b> 7-1/4"	Blue
<b>ALL14124</b> 11-1/4"	<b>ALL14128</b> 7-1/4"
<b>ALL14125</b> 14-1/4"	<b>ALL14129</b> 14-1/4"
Natural	Yellow
<b>ALL14130</b> 3-3/4"	<b>ALL14136</b> 7-1/4"
<b>ALL14132</b> 6"	<b>ALL14137</b> 14-1/4"
<b>ALL14133</b> 7-1/4"	Purple
<b>ALL14134</b> 11-1/4"	<b>ALL14138</b> 7-1/4"
<b>ALL14135</b> 14-1/4"	<b>ALL14139</b> 14-1/4"

### **Nylon Flush Fit Tie Wraps**

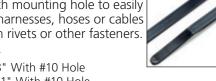
Flush fit design ties have the excess portion of the tie exit in the same direction as the original tie, helping to eliminate the protruding sharp portion remaining as found in standard ties. Package of 100.



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.



ALL14390 ..... 8" With #10 Hole ALL14391 ..... 11" With #10 Hole ALL14392 ..... 14" With 1/4" Hole

# **Wire Tie Mounting Bases**

Self-adhesive mounting bases provide a location for attaching standard wire ties to secure wiring, cables and hoses. Bases mount to clean flat surfaces and accept 75# and smaller wire ties. Package of 10.

**ALL14116** ...... 3/4" x 3/4" Mounting Base **ALL14117** ..... 1-1/8" x 1-1/8" Mounting Base

### **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 fea-Fuses not tures a #10 power supply and six 1/4" male spade included. terminals for individual circuit connections. Fuse block is rated at 150 amps at 12 volts, maximum of 25 amps per circuit.



ALL76090

### **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.

ALL76090 ..... Mini Fuse Style Terminal ALL76091 ..... ATC/ATO Fuse Style Terminal



ALL76091

### **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.

ALL76170...... Red Buss Bar Kit ALL76172..... Black Buss Bar Kit

### **Junction Block ALL76146**

Junction block with single 10mm x 1.5 thread (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.

ALL76186 ..... Standard Relay **ALL76188** ..... Weatherproof Relay

# **Plunger Style Brake Light Switch ALL76253**

Popular two terminal brake light switch found in most vehicles from the 1950's to today. Ideal

for most applications, switch is spring loaded to the on position and turns off when contacted by the brake pedal assembly. Switch has 1/2" threads with jam nuts for easy mounting in a bracket, and two .250" blade type terminals.

# **Lever Style Brake Light Switch ALL76250**

Switch is commonly used with underfloor mounted brake pedal assemblies where switch can contact the brake pedal arm. Spring loaded switch is designed to return to the open position and has two #10-32 tapped mounting holes, 5/8" on centers. Designed for easy two wire connection, one "+" supply and the other to power brake lights or a brake light relay. Switch is rated at 4.5 amps and features two male bullet terminals.

# **Pressure Activated Brake Light Switches**

Switch is plumbed into the brake system and is activated by closing the electrical connection with rising



brake pressure (60-120 PSI). Designed for easy two wire connection, one "+" supply and the other to power brake lights or a brake light relay. Switches are rated at 4.5 Amps

ALL76251 ..... Male Bullet Terminals ALL76252 ..... 6-32 Screw Terminals

and have 1/8"-27 dry seal mounting threads.

# **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.



**ALL76100** ..... 12" Wide x 7-1/4" Deep **ALL76101** ..... 10" Wide x 7-1/4" Deep

### **Replacement Components**

ALL99175 ..... J-Bolts with nuts 1pr

**ALL99177** ..... Hold Down Strap for ALL76100 **ALL99176** ..... Hold Down Strap for ALL76101

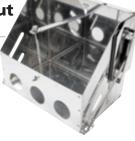
# Bolt-On Battery Boxes

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.

ALL76102 ..... Clear Zinc ALL76103 ..... Black

# Stainless Steel Drop-Out Battery Box ALL76105

The perfect battery box where battery mounts under floor.
Eases battery service and replacement. Box is 10-1/2" wide x 7" deep x 9-1/2" tall and will accept most standard batteries.



# Battery Hold Down Kit For Optima ALL76107

Aluminum hold down kit provides an attractive option for keeping Optima 34/78 series batteries in place. Battery not included.

# Plastic Battery Box

### **ALL76099**

Two-piece battery box fits up to group 27 size batteries and includes nylon strap with plastic mounting brackets. Box may be bolted through the bottom for more permanent mounting. Cover is designed with quick lock snaps to keep cover securely in place. Outside box dimensions 16-1/8" x 9-5/8" x 10-7/8" tall. Inside dimensions 12-3/4" x 7-1/4" x 10" tall.

# **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.

### **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

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

ALL76110

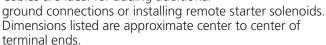
### **Dual Battery Kits Include:**

- •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

ALL76112...... 2 Gauge Cable Kit With Red And Black Cables

# **Battery Cables**

Pre-made black cables are built using PVC insulated 4 gauge copper stranded wire and include ring terminals on each end with 3/8" mounting holes. Cables are ideal for adding additional



ALL76341-10 ..... 10" ALL76341-15 ..... 15" ALL76341-20 ..... 20" ALL76341-25 ..... 25" ALL76341-35 ..... 35" ALL76341-40 ..... 40"

# **Ground Straps**

The number one problem with electrical systems is often related to poor

ground connections. Straps are similar to OE applications which is perfect for various 6 or 12- volt grounding applications. Flexible, braided copper 12 gauge ground straps have non-insulated ring terminals on each end.

### **Ground Straps with 1/4" Ring Terminals:**

ALL76328-6	6"
ALL76328-9	9"
ALL76328-12	12"
ALL76328-18	18"
ALL76328-24	24"

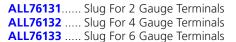
### **Ground Straps with 3/8" Ring Terminals:**

ALL76330-6	6"
ALL76330-9	9"
ALL76330-12	12′
ALL76330-18	18
ALL76330-24	24′



# **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





NEW SIZES

### **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 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.



**Chris Smith** 



Jason Smith

## **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** ..... Top Post **ALL76122** ..... Side Post

# ALL76120

### **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 Thru Stud ALL76142**

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



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

ALL76137 ..... 2 Gauge **ALL76138** ..... 4 Gauge

# **Battery Disconnect Boots**

Protect the terminals on battery disconnects from being accidentally shorted.

**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



### **Battery Disconnect Switches**

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

**Single Pole Disconnect** has two terminals and is recommended **for vehicles not using an alternator** that needs 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.

**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.

**ALL80158** ..... Switch w/Panel (Single Pole) **ALL80159** ..... Switch w/Panel (Double Pole)



ALL80158

ALL80153

ALL80156

# Battery Disconnect Switch with Removable Kev

Battery disconnect features a removable metal key allowing vehicle to be shut down in the event of an emergency or to secure vehicle when not in use.

Disconnect is rated at 160 amps continuous duty andfeatures two 3/8"-24 terminals for installing battery cables with ring terminals. Ideal for use in street cars as a theft deterrent.

ALL80152 ..... Switch w/Decal ALL80153 ..... Switch w/Panel

# **Severe Duty Switch With Decal**

Heavy duty switch mounts in a 3/4" hole in a panel up to 1/4" thick and include 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.

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.



### **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



Zack VanderBeek

ALL80155



Tyler Erb



# **Street Performance Chevy Mini-Starter ALL80525**

SB Chevy clockable starter has twelve mounting positions and is a good choice for street engines including crate motors. Starter has 1.4kw permanent magnet and weighs only 7.5 lbs. Clears most kickout oil pans and works with 153- and 168-tooth flywheels or flexplates. Use with compression ratios up to 10.5:1. Mounting bolts and shim kit included.

### **Replacement Parts**

ALL80526 ..... Starter Solenoid ALL80527 ..... Bolts And Shims

### **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, weighs just 9.6 lbs. and includes bolts and shims.

### **Replacement Parts**

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.

# **GM LS Mini-Starter ALL80516**

Block mount GM LS gear reduction mini-starter works with 168-tooth flywheels and provides increased starting performance over OE style starters. Starter features a 3-position mounting block which allows the starter motor to be rotated for additional clearance around exhaust and frame obstructions. A high torque, 3HP motor combined with 3.75:1 gear reduction is ideal for engines with up to 11:1 compression ratio.

### **Replacement Part**

ALL80521 ..... Starter Solenoid

# **Heavy Duty Bert/Brinn Starter**

### **ALL80532**

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



### **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.



# **Starter Cover**

**ALL26236** 

Protective water repellent cover for the ALL80530 Bert/Brinn style starter helps prevent dirt and water from entering starter motor causing premature

damage to starter. Nylon cover features an elastic band to fit tightly around starter body and a terminal window with openings for solenoid connections.

# 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 And Installation Kit**

### **ALL76202**

Relocate starter solenoid away from direct engine heat to provide easy access and eliminate hot start problems common on General Motors vehicles. An under hood starter switch can also be added. Includes standard duty, Ford-style solenoid, mounting screws, terminals and wiring kit

# **Related Part**

ALL76201 ..... Installation Kit Only

# **Solenoid Jumper Wires**

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

ALL76208 ..... Jumper Wire With Spade Terminal **ALL76209** ..... Jumper Wire With Ring Terminal





### **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.

**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

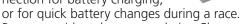






# Battery Quick Disconnects

Disconnects provide a connection for battery charging,



Prevent accidental reverse polarity. Choose from 50 or 175 amp ratings. Sold in pairs and include cable terminals.

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

#### **Related Items**

**ALL76133** ..... Solder Slugs For 6 Gauge Terminals 10pk **ALL76131**..... Slug For 2 Gauge Terminals

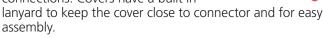
# Bracket For Quick Disconnects ALL60350

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 cover the cover the cover close to cover the cover t



ALL76324 ..... Cover For 50 Amp Quick Disconnect ALL76325 ..... Cover For 175 Amp Quick Disconnect

### **Remote Starter Button**

### **ALL76206**

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.



### **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.

**ALL76300** ..... Red **ALL76310** ..... Black

ALL76301 ..... 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.

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.

**ALL80500**..... 63 Amp, Full Size, 10.3 Lbs. **ALL80501**..... 80 Amp, Compact Size, 9 Lbs.

# **GM Single Wire Chrome Alternator ALL80505**

Chrome finish, single wire GM alternator with aluminum housing has a 100 amp capacity.



ALL80500

ALL99058



### **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 Autometer ATM5282 or Mallory MAL29806 is always recommended when mounting a fuel pressure gauge inside vehicle.

	mineriaea when mounting a raci pressure gauge inside verileie.
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
<b>Auto Met</b>	er 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)
<b>Auto Met</b>	er Pro-Comp (Liquid Filled)
ALL80120	2-Gauge (OP/WT)
ALL80122	3-Gauge (OP/WT/OT)
ALL80123	
Replacem	ent 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



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
<b>ALL80099</b> 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.

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.

**ALL99057** ..... 235°F **ALL99056** ..... 280°F

### **Pressure Switches**

Pressure switches are commonly used to turn on indicator lights warning of a

low pressure condition to help 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.

**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.





### **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 ΔΙΙ ΩΩ1//1 ALL80150

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

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 mea-



sures 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.

### **Fused Switch Panel**

#### **ALL80138**

Universal 4" x 7" switch panel includes one momentary start switch, one fused ignition switch and four fused accessory switches. Ideal for many



motorsports applications, this panel features separately fused and switched circuits for a variety of uses including electric fuel pumps, water pumps, cooling fans, brake duct fans, and lighting. Individual circuits are rated up to 20 amps and include pre-terminated pigtails for easy connection.

### **Spiral Corded Momentary Buttons**

Buttons are designed for fast, consistent and reliable trans-brake release. Sealed spiral cord leads are ideal for steering wheel mounting or into a 5/8" hole. Momentary buttons may also be used in



many other applications such as nitrous and line lock systems. 18" spiral cords stretch to approximately 5'.

ALL80180 ..... Cord With Small Green Button **ALL80181** ..... Cord With Large Red Button

### **Heavy Duty Toggle Switches**

On/off, two-position toggle switches are used in Allstar Performance ignition panels. Rated up to 20 amps.

ALL80175 ..... Standard Switch ALL80176 ..... Weatherproof Switch ALL80177 ..... Weatherproof Switch Momentary Start/Return To Off



ALL80176 ALL80177

### **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.

**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.

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.

**ALL99066**.... Red Indicator Light ALL99146 .... Green Indicator Light



# **Street/Strip Distributors**

These distributors are a great choice for street/strip applications. A performance distributor combined with the added benefit of an adjustable vacuum advance for street use. Simple three wire connection only requires a 12V power source and an external coil such as the ALL81232, which is designed specifically for ready to install distributors. The small bodied design is perfect for early muscle cars where firewall clearance is often a concern. CNC-machined 6061-T6 aluminum housing has a sealed upper support bearing and an extra-long lower bronze bushing for smooth operation and accurate timing at higher RPMs. Distributors include a molded cap and rotor with brass and stainless steel contacts, a vacuum advance lock out, a mechanical curve kit with advance springs and stop bushings, spark plug wire retainer cap with screws and instructions.

**ALL81222** ..... Chevrolet V8\* **ALL81240** ..... Ford V8 221-302 **ALL81242** ..... Ford V8 351W

**ALL81244** ..... Ford 351C, 400C/M, 429-460

**ALL81252** ..... Ford V8 332-428 FE **ALL81254** ..... Pontiac V8 326-455

\*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.

### **Replacement Parts**







ALL81224 ..... Cap And Retainer (Chevrolet)

**ALL81226** ..... Cap And Retainer (Ford)

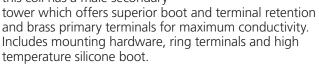
**ALL81225** ..... Rotor

ALL81228 ..... Magnetic Pick-Up

**ALL81229** ..... Complete Module Assembly Chevrolet **ALL81227** ..... Complete Module Assembly Ford

# High Output Coil ALL81232

High output coil is specifically designed for use with the high output inductive storage ignition module found in Allstar Performance Street/Strip series distributors. Delivering up to 40,000 volts, this coil has a male secondary



# 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.

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.

### **Replacement Parts**







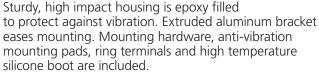
**ALL81224** ..... Cap And Retainer (Chevrolet) **ALL81226** ..... Cap And Retainer (Ford)

**ALL81225** ..... Rotor

ALL81228 ..... Magnetic Pick-Up

# **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.





### **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.

ALL81200 ..... Distributor With Red Cap ALL81202 ..... Distributor With Black Cap

### **Replacement Parts**









ALL81204 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





ALL81208

ALL81214

ALL81200

# **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.

ALL81214 ..... 12V Ignition Connector ALL81215 ..... Tach Connector

### **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.

# Jeep/AMC 6 Cylinder Performance **Distributor ALL81255**

Replace troublesome point or OE computer controlled distributors in most 3.8L and 4.2L engines with a more reliable electronic ignition distributor, plus an adjustable vacuum advance. Three wire connection requires only a 12v power source and an external coil such as the ALL81232 or ALL81234. Distributors include a molded cap and rotor with brass and stainless steel contacts, a vacuum advance lock out, a mechanical curve kit with advance springs and stop bushings, spark plug wire retainer and installation 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.

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.

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.

ALL81310 ..... 0.491" Dia. Shaft ALL81311 ..... 0.500" Dia. Shaft

ALL81315 ..... Replacement Distributor Gear Roll Pin



Steve Dorer

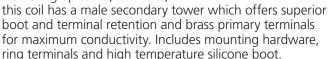


### **CD Ignition Coil ALL81230**

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.

# **High Output Coil ALL81232**

High output coil is specifically designed for use with the high output inductive storage ignition module found in Allstar Performance Street/Strip series distributors. Delivering up to 40,000 volts,



# 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.



### **LS Ignition Coils**



Direct replacement 40,000V coils are a good choice when upgrading the OE ignition system in high performance applications or when power adders are used. Sold each.

ALL81400...... 1997-05 LS1/LS6 (Delco D580)

**ALL81401**....... 1999-07 4.8/5.3/6.0L Truck (Round Style Delco D585) **ALL81402**....... 1999-07 4.8/5.3/6.0L Truck (Square Style Delco

D581)

**ALL81403**.......2005-13 4.8/5.3/6.0/6.2/7.0L (Delco D510C/D514A)



### **Remote Mount LS Coil Brackets**

Designed for remote mounting LS Coils. Black anodized billet aluminum brackets come complete with stainless hardware and standoffs

ALL 26217

**ALL26216** ..... Fit Delco D580, LS1/LS6 Coils (ALL81400) **ALL26217** ..... Fit Delco D581 and D510C, LS2,LS3,LS7 Coils (ALL81402 & ALL81403)

# MSD/FAST Ignition Box Mount

**ALL81330** 

for easy removal.

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.





### **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.

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".





### **Coil Wire Kits**

Kit includes 36" of 8mm spiral core race wire, ends, connectors, and wire stripping/crimp tool.

ALL81380 ..... Kit Without Sleeving ALL81381 ..... Kit With Sleeving



### **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.



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.

ALL81360 ..... Set With 90° HEI Ends ALL81361 ..... Set With 135° HEI Ends

# **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.

ALL34272 ..... Natural, 8-Pack **ALL34273** ..... Natural, 2-Pack **ALL34274** ..... Black, 8-Pack **ALL34275** ..... Black, 2-Pack



# **SB Chevy** Spark Plug Wire Loom Set ALL81340

Polished aluminum spark plug wire loom fits wires up to 9.5mm. Includes mounting hardware. Engines with center bolt style valve covers require ALL81341 mounting kit. Package of 2.



Note: may not clear oil dipstick or exhaust manifolds on some later model engines with "log" style manifolds.

**ALL81341** ..... Mounting Kit For Centerbolt Covers

# 1887 7474

# **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.



ALL81341

# **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.



### **LS Oil Pan Kits**

Oil pan kits ease the installation of LS series engines into early production vehicles by providing additional clearance between the oil pan and frame crossmember.



Kits include oil pan, pick-up tube,

gaskets and mounting hardware required for installation. Note: These kits may not fit all applications, additional motor mount adapters and possible frame modification may be required for installation in some vehicles.

Note: These kits may not fit all applications, additional motor mount adapters and possible frame modification may be required for installation in some vehicles.

ALL26240 ..... Cast Aluminum
ALL26241 ..... Cast Aluminum Black

# 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

c rear main ALL26132

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.



# **Engine Diaper**

### **ALL69011**

seal.

Engine diaper will help contain engine oil and fragments if an engine failure occurs. Increase safety and reduce

the chance of control loss due to

debris on the racing surface. Diaper wraps around oil pan and secures to header bolts. Diaper is NHRA approved but is not designed for vehicles that require

but is not designed for vehicles that require SFI approved diapers. Diaper features a sewnin, non-replaceable oil absorbent pad and is 23" long x 12-1/2" high x 12" wide.

### **Replacement Parts**

ALL99043 ..... Replacement Tabs, 4-Pack ALL99347 ..... Replacement Buckle, 1 Set ALL69013 ..... Engine Diaper Pad, 22" x 30"



ALL99043

### **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 ALL26125 ALL26126 ALL26127 and newer SB Chevy (pre-LS) engine. Adapters include mounting hardware. Alignment tool ALL26127 (sold separately), is recommended to ensure proper installation and

**ALL26125** ..... Seal Adapter For Early (Pre-'86) Oil Pan **ALL26126** ..... Seal Adapter For Late (86'-Up) Oil Pan

ALL26127 ..... Alignment Tool

centering of adapter plate.

### **Balancing Plate ALL26120**

Plate is installed between crankshaft flange and the flywheel allowing a popular internally balanced Chevy 350 flywheel to be used with an externally

balanced 400 crankshaft. Note: These are not designed to be used with an automatic transmission flexplate.

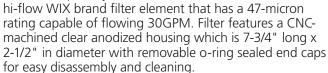
# Plastigage® Kit ALL96475

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

packaged inside calibrated sleeves. Detailed instructions are included.

### **In-Line Oil Filter**

Aluminum in-line oil filter includes a specially made



Note: Not recommended for dirt racing applications, the high flow capacity of this filter will not stop small contaminants found in dirt racing.

**ALL92040**..... -16AN Fittings **ALL92041** ..... -12AN Fittings

**Related Part** 

ALL92043 ..... Replacement Filter Element

# 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.







ALL92003

# 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 ..... 1968-96 SB Chevy Including LT1
and 1968-90 Gen IV BB Chevy Engines, ALL92004
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.

ALI 92000

**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 lowers the oil filter 1-1/2" and directs oil first to the oil cooler and then through the filter before entering the engine. 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.

# 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.

# Remote Oil Filter Mount Kit 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. **ALL90048**..... 3/8"NPT to -10AN, 3" Long **ALL90043**..... 1/2"NPT to -10AN, 3" Long **ALL90044**..... 1/2"NPT to -12AN, 3" Long **ALL90045**..... 1/2"NPT to -12AN, 3-1/2" Long

(With 1/8"NPT Ports) ALL90044 ALL90045

# **Inline Oil Temperature Tees**

Install in the oil return line (pumpto-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.

**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.

**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.

**ALL50004**..... Straight **ALL50021**..... 90°





ALL90070

Δ1190071

# **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. Tank features fill cap with safety pressure release slot (sealed by O-ring), an easy to read pressure gauge and a quarter turn on/off supply valve. The oil supply line is a durable 90" long steel braided hose with -4AN ends and includes a fitting with male 1/8"-

**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.

27NPT threads. Adapter fittings sold separately.

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.

ALL90072 ..... Restrictor Kit With .090" I.D. Hole ALL90073<sup>+</sup>.... Restrictor Kit With .030" I.D. Hole

†Smaller port size may be modified as needed for preferred amount of oiling.

# **GM LS Oil Galley Plug**

Galley plug commonly referred to as a "Barbell" are used by the factory to divert oil to the factory oil filter and prevent unfiltered oil from circulating through the engine. The original GM barbells are a nylon material that may become brittle over time and should be replaced when performing a rebuild or upgrades.

ALL90067 ..... OE Style Nylon ALL90068..... Billet Aluminum

### **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.

**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.

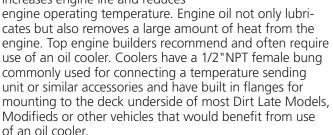
ALL76420 ..... 2"x15", Self Adhesive Pad, 200W

**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



**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.

ALL23228 ..... Scoop With 7" Wide Opening ALL23229 ..... Scoop With 11" Wide Opening



# Linear **Engine Oil Coolers**

Finned aluminum coolers have 3/4"NPT ends and T-slots for easy mounting.

ALL30142 ..... 3' ALL30143 ..... 4' ALL30144 ..... 5'



# **Sprint Car Dry Sump Tank Mounting Brackets**

Mounting brackets are designed to mount 6" diameter tanks to the left front corner of standard small block Chevy engines. Commonly mounted with ALL38145 sprint motor plate, the upper bracket utilizes the water pump mounting holes and the lower bracket fastens to the early front engine mount mounting hole.

ALL36092 ..... Upper Tank Mount ALL36093 ..... Lower Tank Mount

# **LS Lifter Valley Covers**

Billet aluminum covers come complete with stainless hardware and O-ring. Black anodized.



ALL90106. .... Gen III ALL90107..... Gen IV/LSX

# **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 compo-



nents. 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.



### 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.

ALL36140 ..... Tank For 1-1/2" Dia. Tubing ALL36141 ..... Tank For To 1-3/4" Dia. Tubing ALL36142 ..... Tank With Flat Mount

ALL36103 ..... Replacement Filter



### **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.

ALL36108 ..... Tank With One RH Bung ALL36117...... Tank With One LH Bung ALL36109 ..... Tank With Two Bungs





### **SB Chevy Fuel Pump Mount Plate ALL40254**

O.E. 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.



	Black	
302	ALL40306	

Description	Blue	Clear	Kea	віаск
				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 uti-

lize a standard distributor ignition system and a carburetor



Excellent replacement for distorted and leaky timing covers. Cover fits most popular standard small block Chevrolets.

with a belt driven or electric fuel pump.

# **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**

ALL87282 ..... BB Chevy Timing Cover Seal

# **Aluminum Timing Covers**

Polished cast aluminum covers resist warping and leaking that is common with OE style stamped steel covers. Recessed ALL90008 mounting holes are designed for button head fasteners (ALL99390) for proper installation. Covers clear most double roller style timing chains.

ALL90008..... SB Chevy ALL90009..... BB Chevy

**Related Part** 

ALL99390 ..... Timing Cover Fasteners

# **Timing Cover Seals**

Seal works with stamped steel or aluminum covers.

ALL87280 ..... SB Chevy ALL87282 ..... BB Chevy



ALL90009

# **Pontiac Aluminum Timing Cover ALL90019**

Cast aluminum cover with timing marks includes water pump backing plate and two coolant inserts. Fits most 1969-79 Pontiac V8 engine models including 350, 400 and 455.

# **SB Mopar Timing Cover ALL90028**

Aluminum timing cover fits most SB Mopar "LA" series blocks with driver's side timing marks including 273, 318, 340, and 360 CID engines.

SB Ford 302/351 **Replacement Timing Covers** 



New cast aluminum stock replacement timing covers are available in several styles.

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

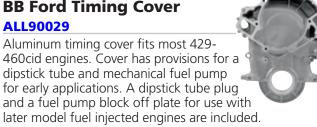
Mount And Fuel Pump Mounting Boss

ALL90017 ..... 1985-94 Mustang With EFI

ALL90018 ..... 1987-96 Trucks With EFI Reverse Rotation

# **BB Ford Timing Cover**

Aluminum timing cover fits most 429-460cid engines. Cover has provisions for a dipstick tube and mechanical fuel pump for early applications. A dipstick tube plug and a fuel pump block off plate for use with





# **SB Chevy Billet Timing Covers** (For Sprint Cars)

Machined billet aluminum timing cover is lightweight, durable and weighs over one lb. less than cast aluminum covers. Fits major brand oil pumps. Mounting hardware included.





### **Aluminum Cam Seal Plates**

Aluminum cam seal plate provides a reliable seal and tight fit.

-		
-	7	
1	9	

Part No.	Size	Color	Application	
ALL90085	2.103"	Black	GM Small Block	
ALL90086	2.253"	Gold	Rodeck Block w/1.875 Roller Cam Bearing	
ALL90087	2.310"	Blue	Most Blocks w/50mm Roller Cam Bearing	
ALL90088	2.382"	Silver	Dart Small Block, Aluminum	
ALL90089	_	_	Replacement Cam Plate Seal	
ALL90089	_	_	Replacement Cam Plate Seal	

# **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 Chevys.



ALL90050 ALL90052

### ALL90054

## **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.

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 Steel, Roller Bearing

# SB Chevy Cam Bearing Tool ALL96470

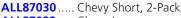




For installing cam bearings quickly and easily without damage. Shaft is steel; pilot and driver are aluminum.

# **Crankshaft Kevs**

Replace worn crankshaft keys for proper timing gear and dampener positioning.



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 drive 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.

ALL90000 .. Standard Cam Gear Drive **ALL90100**...Raised Cam Gear Drive (+.391")

### **Replacement Parts**

ALL90001 .. Cam Gear ALL90004..Cam Plate Shims, 10-Pk. ALL90002 .. Crank Gear **ALL90005**..Cam Degree Bushing Set **ALL90003** ..Idler Gear 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.

### **Related Part**

ALL90031 ..... Adjustable Aluminum Timing Pointer

### **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.

ALL90031

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



ALL90037<sup>+</sup> .... 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

**ALL90035**<sup>+</sup>.... SB Ford SVO C, 3/8" Bolt

**ALL90036\*** ... SB Ford Stock B, 5/16" Bolt





ALL26171

ALL26211

**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.

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"

**Chevy LS Fabricated Aluminum Valve Covers** 

Fabricated valve covers for most 1997-2005 LS1/LS6 engines feature a thick billet rail, an o-ring sealed threaded fill cap and include o-ring style gaskets and mounting bolts. Valve covers have an

inside height of 2-1/4" to clear most aftermarket valvetrain. Coil mounting brackets sold separately.

ALL26210 ..... Valve Covers Without Coil Mount ALL26211 ..... Valve Covers With Coil Mount

ALL26212 ..... Coil Mounting Brackets 1997-2005 LS1/LS6 Coils Steel Stamped Brackets for use with Delco D580 Coils (ALL 81400)

**BB Chevy Fabricated Aluminum Valve Covers** 

TIG-welded valve covers with a thick billet rail are available with or without breather holes for custom modifica-

tion such as vacuum pump fittings.

Recessed bolt pockets and tall design to clear most aftermarket valvetrains. Hardware included.

ALL26176 ..... Valve Covers Without Holes **ALL26177** ..... Valve Covers With Holes

**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.

ALL26137 ..... Centerbolt Covers ALL26139 ..... Standard Covers

**Related Parts** 

ALL36204..... Non-Shielded Breather, 1-3/8" ALL36205 ..... Shielded Breather, 1-3/8"

# **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.

ALL26143 ..... Raw Unpainted ALL26145 ..... Yellow Zinc Plated ALL26147 ..... Black Painted ALL26140 ..... Clear Zinc Plated

# **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.

**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



against leaking and are reusable. Gaskets are sold in pairs.

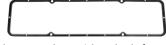
ALL87210 ..... 5/16" Thick

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.

**Replacement Parts** ALL34146......Check Valve



ALL26137



### **Breathers**

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

### **Non-Shielded**

**ALL36202** ..... 1-1/2" **ALL36204** ..... 1-3/8"

### Shielded

**ALL36203** ..... 1-1/2" **ALL36205** ..... 1-3/8"



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.



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.

**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.

### 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



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.

### 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



ALI 36182

## **Weld Bungs**

Weld-on bungs are available in 6061 aluminum or mild steel and allow additional fittings to be added to radiators, or oil pans and building of custom tanks or 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	-



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





ALL36173

ALL36174



### **LS Cylinder Head Bolt Kits**

LS head bolt kits are direct replacement OE style Torque-to-yield (TTY) head bolts which make them ideal for use on stock and mild performance rebuilds. Follow OEM torque sequence and specifications for proper installation.

ALL87004.....1997-2003 Gen III

ALL87005.... 2004-06 Gen III (Fully-threaded)

ALL87006.... 2004-2019 Gen III & IV

# Chevy **Cylinder Head Bolts**

Original equipment Grade 8 cylinder head bolts are ideal for stock or budget performance rebuilds.

**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.

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 set up of ring and pinion gear sets.

# **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.

**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 Plate 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 polylock style rocker assemblies.

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. Sets of 12 include 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 ALL87262 to header and head surfaces. providing an ALL87264 excellent, long lasting seal. Sold each. ALL87266 ALL87260 ..... 1-5/8" Square Port (Stock) **ALL87262** ..... 1-3/4" D-Port (Standard) **ALL87264** ..... Spread Port (Staggered Bolt Pattern)

# Electric



manually uncap the exhaust. 12V Electric cut out bolts to a standard 3-bolt collector flange and uses a powerful geared motor to open and close a butterfly valve to direct exhaust. Sold each.

ALL34230 ..... 3" Collector Pattern (3-7/8" B.C.) ALL34231 ..... 2-1/2" Collector Pattern (3-1/2" B.C.)

ALL87266 ..... Crate Engines (Non LS/Fast Burn)

ALL87268 ..... LS Series Engines (Excluding LS7)

**IMPORTANT!** ALL34232 or ALL34233 harness (sold separately) is required for proper operation.

#### **Related Parts**

ALL34232 ..... Single System Harness ALL34233 ..... Dual System Harness

# O<sub>2</sub> Sensor Plug And Bung

Hard-to-find O<sub>2</sub> sensor fittings work in a variety of uses.

ALL34150 ..... 18mm Sensor Plug

ALL34152 ..... 18mm Sensor Bung, Angled ALL34153 ..... 18mm Sensor Bung, Straight

ALL34153



ALI 34233



# 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.



2" Wide Rolls

#### 1" Wide Rolls

<b>ALL34240</b> Natural 15'	<b>ALL34244</b> Natural 15'
<b>ALL34241</b> Natural 25'	ALL34245 Natural 25'
<b>ALL34242</b> Natural 50'	ALL34246 Natural 50'
<b>ALL34243</b> Natural 100'	ALL34247 Natural 100'
<b>ALL34250</b> Black 15'	<b>ALL34254</b> Black 15'
<b>ALL34251</b> Black 25'	<b>ALL34255</b> Black 25'
<b>ALL34252</b> Black 50'	<b>ALL34256</b> Black 50'
<b>ALL34253</b> Black 100'	ALL34257 Black 100'

### Stainless Steel Cable Ties

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.

### **Replacement Part**

ALL34266 ..... 24" Stainless Steel Ladder Ties, 2-Pack

### **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



ALL34181

ALL34183

pipe. Oval shield I.D. is 5" x 9", commonly used for exiting two 3-1/2" diameter exhaust pipes.

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.

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

TA-Bl



## **SB Chevy Gaskets**

Popular gaskets and gasket sets for most 1955 to 1985 SB Chevy engines.



ALL87220 ..... Oil Pan Set, 1975 and later\*

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

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

### Mini Stretch Wrap with Handle

Handheld stretch wrap dispenser has multiple uses around the shop or home including bundling parts together to keep organized, protecting items from damage and wrapping up spare parts until needed. Wrap is an 80-gauge low density polyethylene material measuring 3" wide x 1000ft long and features a high elastic characteristic to keep items tightly bound together.

ALL14230 ..... Mini Stretch Wrap with Handle **ALL14232** ..... Replacement Roll 3" x 1000'

### 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.

### **Carburetor Gaskets**



ALL87200 ..... 4150 Open ALL87202 ..... 4150 4-Hole ALL87204 ..... 4412 2-Hole, 2bbl. ALL87206 ..... 4500 Open, Dominator

# Air Cleaner Gasket **ALL87207**

OE style composite gasket fits most popular carburetors with 5-1/8" neck. Gasket seals air cleaner base to carburetor neck helping prevent dirt and moisture from entering carburetors.

# **Engine Cover ALL26234**

Water-repellent cover with bottom draw string is perfect for storage or transportation. 32" long x 23" wide x 28" tall.



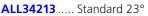
# **SB Chevy Aluminum Exhaust Block Off Plates**



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.



**ALL34215** ..... Spread Port And Dart (Excluding 23°)

ALL34217 ..... SB2



<sup>\*</sup>This set only includes the thick front oil pan seal which is designed for 1975 and later engines and most aftermarket pans.

# ALLSTAR' PERFORMANCE

# **Engine Cradles**

Engine cradles are available in standard duty or heavy duty, both with provisions for mounting wheels and are made of 1" square tubing with black powder coating. 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

Accepts Bolt-On Wheel Kits

ALL10130

duty cradles accept wheel kits with 1/2" studs. Wheel kits sold separately.

### **Standard Duty Cradles**

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)

### **Heavy Duty Cradles**

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

\*\*Designed to work with stock and most aftermarket blocks including Dart, World, and Ford Boss with ribbed engine mount bosses and bulged water jackets.



Standard Duty Wheel Mount



Heavy Duty Wheel Mount

# **Caster 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, locking wheel kits include two locking casters.

### **Standard Duty Caster**

Casters are rated at 125lbs per wheel and feature a 3/8"-16 x 1-1/4" mounting stud.

ALL10162..... 3" Wheel Kit

ALL10163...... 3" Wheel Kit Locking

### **Heavy Duty Caster**

Casters are rated at 300lbs per wheel and feature a 1/2"-13 x 1" mounting stud.

**ALL10164**..... 3" Wheel Kit

ALL10165..... 3" Wheel Kit Locking

ALL10166..... 5" Wheel Kit

# SB/BB Chevy Engine Cradle ALL10172

A quality cradle for small block and big block Chevrolet engines. Casters included.



# 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 Chevy 2-Piece Engine Stand**

### **ALL10157**

Two-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 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.





Brian Ruhlman



## **Sprint Engine Cradle ALL10159**

Cradle bolts to most stock type and aftermarket SB Chevy blocks, including narrow pattern lightweight and standard bell housing bolt patterns. Slotted front mounts accept



most frame width engine mounts. Provisions for standard wheel kits are positioned to support complete engines with attached radiators.

### **Engine Lift Handles ALL10136**

Need to move a spare motor when an engine hoist isn't the solution? These machined aluminum 4" long sure grip handles will thread into any engine block or cylinder head with 3/8"-16 coarse thread holes. Package of 4.



### **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 MLL38152 mounts or an aftermarket bellhousing. Pins fit most GM blocks and are sold in pairs.

ALL38150 ..... Solid Pins ALL38152 ..... Hollow Pins

### **Motor Plates**

Motor plates are used to replace the front motor



mounts allowing relocation of the engine in the chassis, including lowering or when moving the engine back in the chassis. Plates prevent engine movement and reinforce the front suspension for better handling and increased reaction times. Fabricated from 1/4" thick 6061-T6 aluminum, motor plates are often trimmed to fit the chassis or frame mounts. Plates are machined for a perfect fit to mount between the water pump and engine block.

**ALL38120** ..... SB Chevy 10" x 36" **ALL38124** ..... BB Chevy 12" x 36"

# **Universal Dragster Front Motor Plates**

Universal width motor plate includes separate frame saddles for the motor plate to rest on allowing installation of engine into any width dragster style chassis. Saddles feature



machined flats which allow the engine plate to rest directly on the saddle securing the motor plate between the saddle and the existing frame mounting tab. Motor plate is 1/4" thick and includes saddles for chassis up to 1-3/8" in diameter. Note: Drilling will be required to fasten saddles and motor plate to existing frame mounts once plate is positioned on frame.

ALL38142 ..... SBC ALL38143 ..... BBC

# **Universal Engine Mid-Plates**

Universal plates are positioned between the engine and transmission to provide a mid-engine mounting location and help stiffen the chassis. These mid plates



are great for drag racing and street cars, allowing easier engine or transmission removal, and installation of engine/transmission into almost any chassis. Plates fit most GM V8 applications and measure 15"H x 29"W.

**ALL38121** ..... Steel (.090") **ALL38122** ..... Aluminum (.250")

### **Engine Mid-Plates**

Aluminum midplates 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.

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 **ALL38138** ..... SB Chevy/SB Ford, 2-5/8", Rocket Chassis

ALL38139 ..... SB Chevy/SB Ford, Shaw Chassis

### **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.



**Bobby Stremme** 



ALL38100

ALL38101

ALL38065

### **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 features 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.

**ALL38100** ..... Steel **ALL38098** ..... Aluminum

# Offset Chevy Front Motor Mounts

Mounts are designed for fabricated chassis or stock chassis that have fabricated motor mounts



**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 creating 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.

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.

**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.

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.

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)

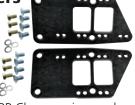
### **ALL18626**

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.

### **LS Motor Mount Adapters**

### **ALL38084**

Adapters allow bolting an early GM 3-bolt motor mount to the late model LS style block with a 4-bolt pattern. Adapters place the early mount in approximately the same



location as found on the original SB/BB Chevy engines and also features optional holes for moving the engine forward up to 2-1/4" for additional firewall clearance. Sold in pairs and includes mounting hardware.

# **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.



### **GM Motor Mount ALL38114**

Replacement stock mount for most GM engines. Mount bolts to chassis.

### Fits:

 1970-88 Monte Carlo
 1973-87 Cutlass

 1970-87 El Camino
 1974-83 Malibu

 1971-92 Camaro
 1970-79 Nova

 1977-87 Regal
 1970-85 Impala

 1970-73 Chevelle

### **GM Motor Mount ALL38115**

Replacement stock mount for most GM V-6 engines. Mount bolts to chassis. Designed to work with metal shell type mount bolt to engine.

### Ford Motor Mount ALL38116

Replacement rubber mount for Allstar Ford Ranger V8 conversion kit. Mount bolts to the engine.



John Motycka



### **Chevrolet/GM V8 Engine Conversion Kits**

Conversion kits are a good starting point when installing a small block Chevy/TH350 transmission combination into most 1982-up S-10, S-15, Jimmy or Blazer. Additional components and fabrication will be required depending on engine and application.

### **ALL38250 2WD Conversion Kit Includes:**

- Engine Mount Set
- Headers
- Engine Mounts

### **ALL38251 2WD Conversion Kit Includes:**

- Engine Mount Set
- Headers
- Engine Mounts
- Radiator



### Ford V8 Engine Conversion Kit ALL38200

Conversion kits are a good starting point when installing a 289/302 with a C-4 transmission combination into a 1982-97 2WD Ranger. Additional components and fabrication will be required, depending on engine and application.

### **Kit Includes:**

- Engine Mount Adapter Set
- Oil Pump Pick-Up Tube
- Filter Adapter
- Engine Mounts
- Radiator
- Oil Pan





# 3/16" Small Head Economy Rivets

Small head rivets have a 3/8" O.D. head and packaged 250 per box.

Color	Steel Mandrel	<b>Aluminum Mandrel</b>	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 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 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 packaged 250 per box.

Color	Steel Mandrel	<b>Aluminum Mandrel</b>	Grip Range
Silver	ALL18141	ALL18149	1/8" To 1/4"
Silver	ALL18143	ALL18151	1/4" To 3/8"
Silver	ALL18145 <sup>†</sup>	_	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	_	1/4" To 3/8"
Yellow	ALL18180	ALL18181	1/4" To 3/8"









# 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	<b>Aluminum Mandrel</b>	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	<b>Aluminum Mandrel</b>	<b>Head Size</b>	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"



### **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.

**ALL18221** ..... Kit With 1/8" Pins **ALL18225** ..... Kit With 3/16" Pins



### **Cleco Pliers ALL18220**

Unique tool readily installs and removes Cleco fasteners.



A very strong spring clamp to hold pieces together when drilling is not an option.

The smooth throat prevents paint damage and is 1" deep, with a maximum clamping range of 1/2".

# 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	3/16" Dia. Pins
<b>ALL18222</b> 10-Pack	<b>ALL18226</b> 10-Pack
<b>ALL18223</b> 25-Pack	<b>ALL18227</b> 25-Pack
<b>ALL18224</b> 100-Pack	<b>ALL18228</b> 100-Pack

### **TECH TIP**

Drill holes one drill size smaller than the Cleco pin size to assure a tight fit.

# 1/4" Pin Type Cleco Fastener ALL18234

Cleco Pins are temporary fasteners that can easily be installed or removed in 1/4" holes when fitting sheet metal or chassis tabs using the ALL18220 Cleco Pliers. 1/4" size pin is ideal to use in place of body bolts or other 1/4" fasteners. Package of 10.





### 1/8" Rivets

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"

<sup>\*</sup>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.

**ALL18198**..... Silver **ALL18098** ..... Black

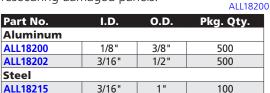
### 1/8" Flange Tri-Fold Rivets

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.

**ALL18199**..... Silver **ALL18099** ..... Black

### **Back-Up Washers**

Back-up washers provide added strength when fastening panels together or when resecuring damaged panels.



# **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.

**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 contentring tips.

Flute length: 1-3/16", overall length: 2-1/4". Package of 2.

### Racer's Tape

A hundred uses in the shop or at the track, this is true "Racer's Tape".



**1" Wide x 90' ALL14140**..... Silver **ALL14141**..... Black

**2" Wide x 180' ALL14150**..... Silver **ALL14151**..... White **ALL14152**.... Red **ALL14153**.... Black **ALL14154**.... Yellow

**ALL14142**..... White **ALL14143**..... Black

2" Wide x 180'
ALL14156..... Orange
ALL14157...... Green
ALL14158..... Burgundy
ALL14159..... Purple
ALL14162..... Teal
3" Wide x 180'

# **Gaffer's Tape**

**ALL14155**..... Blue

Vinyl coated gaffer's tape has a dull appearance and is much stronger than standard racer tape.



2" Wide x 165'
ALL14251..... White
ALL14252 .... Red
ALL14253 .... Black
ALL14254 .... Yellow
ALL14255 .... Navy Blue

### 1" Wide x 150'

ALL14245 ..... Fluorescent Green ALL14246 ..... Fluorescent Pink ALL14247 ..... Fluorescent Orange ALL14248 ..... Fluorescent Yellow

### 2" Wide x 45'

ALL18215

ALL14145 ..... Fluorescent Green ALL14146 ..... Fluorescent Pink ALL14147 ..... Fluorescent Orange ALL14148 ..... Fluorescent Yellow

### 4" Wide x 165'

**ALL14261**.... White **ALL14263** .... Black



**Bobby Pierce** 



## **Nylon Tie Wraps**

Secure electrical wiring, gauge lines and roll bar padding. Available in black, natural, red, blue, yellow and purple nylon. Package of 100.



Black	Red
<b>ALL14120</b> 3-3/4"	<b>ALL14126</b> 7-1/4"
<b>ALL14122</b> 6"	<b>ALL14127</b> 14-1/4'
<b>ALL14123</b> 7-1/4"	Blue
<b>ALL14124</b> 11-1/4"	<b>ALL14128</b> 7-1/4"
<b>ALL14125</b> 14-1/4"	<b>ALL14129</b> 14-1/4'
Natural	Yellow
<b>ALL14130</b> 3-3/4"	<b>ALL14136</b> 7-1/4"
<b>ALL14132</b> 6"	<b>ALL14137</b> 14-1/4'
<b>ALL14133</b> 7-1/4"	Purple
<b>ALL14134</b> 11-1/4"	<b>ALL14138</b> 7-1/4"
<b>ALL14135</b> 14-1/4"	<b>ALL14139</b> 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.

**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.



## **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.

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.

**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.

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.

## **Safety Wire**

Wire is used to mechanically lock pre-drilled fasteners for added security. Type 302/304 stainless steel wire features high corrosion resistance and good tensile strength in applications up to 500 degrees. Sold in a 1lb. spool enclosed in a convenient dispensing container.

ALL10121 ..... .032 " Diameter **ALL11008**...... .041" Diameter **// !// S///!** 

## **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** 

ALL99102 ..... Replacement Drill Bits, 2-Pack



## **Quick Turn Fasteners**



	Flush Head			Silver		ack
Body Size	Length	Material	10 Pack	50 Pack	10 Pack	50 Pack
5/16"	.500"	Aluminum	ALL19256	ALL19258	ALL19257	ALL19259
5/16"	.500"	Steel	ALL19186	ALL19188	-	-
7/16"	.400"	Aluminum	ALL19260	ALL19262	ALL19261	ALL19263
7/16"	.400"	Steel	ALL19190	ALL19192	-	-
7/16"	.500"	Aluminum	ALL19266	ALL19268	ALL19267	ALL19269
7/16"	.500"	Steel	ALL19200	ALL19202	-	-
7/16"	.550"	Aluminum	ALL19270	ALL19272	ALL19271	ALL19273
7/16"	.550"	Steel	ALL19210	ALL19212	-	-
7/16"	.750"	Aluminum	ALL19274	ALL19275	-	-



Flush	Flush Head Self-Ejecting		Silver		Black	
Body Size	Length	Material	10 Pack	50 Pack	10 Pack	50 Pack
5/16"	.400"	Steel	ALL18990	ALL18992	ALL18991	ALL18993
5/16"	.450"	Steel	ALL18996	ALL18998	-	-
5/16"	.500"	Aluminum	ALL18997	ALL18999	ALL19004	ALL19005
5/16"	.500"	Steel	ALL19000	ALL19002	ALL19001	ALL19003
5/16"	.550"	Steel	ALL19006	ALL19008	-	-
5/16"	.650"	Steel	ALL19010	ALL19012	-	-
7/16"	.500"	Aluminum	ALL19113	ALL19114	ALL19115	ALL19116
7/16"	.500"	Steel	ALL19100	ALL19102	-	-
7/16"	.550"	Steel	ALL19110	ALL19112	ALL19101	ALL19103



Flush Head Allen			Silver		Black	
Body Size	Length	Material	10 Pack	50 Pack	10 Pack	50 Pack
7/16"	.500"	Aluminum	ALL19117	ALL19118	ALL19140	ALL19141
7/16"	.500"	Steel	ALL19142	ALL19143	-	-
7/16"	.550"	Steel	ALL19144	ALL19145	-	-



Flush He	Flush Head Self-Ejecting Allen		Silver		Black	
Body Size	Length	Material	10 Pack	50 Pack	10 Pack	50 Pack
5/16"	.500"	Aluminum	-	-	ALL19128	ALL19129
5/16"	.500"	Steel	ALL19130	ALL19131	-	-
5/16"	.550"	Steel	ALL19132	ALL19133	-	-
7/16"	.500"	Aluminum	-	-	ALL19134	ALL19135
7/16"	.500"	Steel	ALL19136	ALL19137	-	-
7/16"	.550"	Steel	ALL19138	ALL19139	-	-



Winged Head			Silver		Black	
Body Size	Length	Material	10 Pack	50 Pack	10 Pack	50 Pack
7/16"	.400"	Steel	ALL19236	ALL19238	-	-
7/16"	.500"	Steel	ALL19240	ALL19242	ALL19241	ALL19243
7/16"	.550"	Steel	ALL19250	ALL19252	-	-



Winge	Winged Head Self-Ejecting		Head Self-Ejecting Silver		Black	
Body Size	Length	Material	10 Pack	50 Pack	10 Pack	50 Pack
5/16"	.450"	Steel	ALL19046	ALL19048	-	-
5/16"	.500"	Steel	ALL19050	ALL19052	-	-
5/16"	.550"	Steel	ALL19056	ALL19058	-	-
5/16"	.650"	Steel	ALL19060	ALL19062	-	-
7/16"	.500"	Steel	ALL19064	ALL19066	-	-
7/16"	.650"	Steel	ALL19068	ALL19070	_	_



## **Quick Turn Fasteners**



	Oval Head			ver	Bla	ack
<b>Body Size</b>	Length	Material	10 Pack	50 Pack	10 Pack	50 Pack
1/4"	.400"	Steel	ALL19211	ALL19213	ALL19224	ALL19225
5/16"	.500"	Aluminum	ALL19276	ALL19278	ALL19277	ALL19279
5/16"	.500"	Steel	ALL19214	ALL19215	ALL19226	ALL19227
7/16"	.400"	Aluminum	ALL19280	ALL19282	ALL19281	ALL19283
7/16"	.400"	Steel	ALL19216	ALL19218	-	-
7/16"	.500"	Aluminum	ALL19286	ALL19288	ALL19284	ALL19285
7/16"	.500"	Steel	ALL19220	ALL19222	ALL19228	ALL19229
7/16"	.550"	Aluminum	ALL19290	ALL19292	ALL19291	ALL19293
7/16"	.550"	Steel	ALL19230	ALL19232	ALL19231	ALL19233
7/16"	.600"	Aluminum	-	-	ALL19294	ALL19295



Oversized Oval Head		Silver		Black		
Body Size	Length	Material	10 Pack	50 Pack	10 Pack	50 Pack
7/16"	.500"	Aluminum	ALL19287	ALL19289	ALL19168	ALL19169
7/16"	.500"	Steel	ALL19221	ALL19223	ALL19170	ALL19171



Oval Head Allen			Silver		Black	
Body Size	Length	Material	10 Pack	50 Pack	10 Pack	50 Pack
5/16"	.500"	Steel	ALL19152	ALL19153	-	-
5/16"	.550"	Steel	ALL19154	ALL19155	-	-
7/16"	.500"	Aluminum	ALL19172	ALL19173	ALL19176	ALL19177
7/16"	.500"	Steel	ALL19162	ALL19163	-	-
7/16"	.550"	Steel	ALL19164	ALL19165	-	-



Oversized Oval Head Allen		Silver		Black		
Body Size	Length	Material	10 Pack	50 Pack	10 Pack	50 Pack
7/16"	.500"	Aluminum	ALL19180	ALL19181	ALL19178	ALL19179



Ov	val Head T-30 Torx		Oval Head T-30 Torx Silver		Black	
Body Size	Length	Material	10 Pack	50 Pack	10 Pack	50 Pack
7/16"	.500"	Aluminum	ALL19071	ALL19072	ALL19073	ALL19074
7/16"	.550"	Aluminum	ALL19075	ALL19076	ALL19077	ALL19078





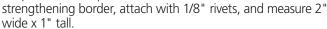
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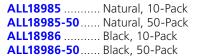


# Quick Turn Starter Kit ALL19410 Not sure where to start when using quick turn fasteners? Use this kit as a starting point to determine correct fasteners for application. Kit includes two different lengths of Allstar's most popular oval head 7/16" fasteners (five ALL19280 and five ALL19286), ten ALL19330 springs and

# **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







#### **TECH TIP**

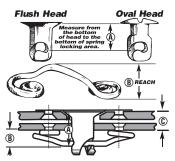
#### **Quick Turn Fastener Measurement Guidelines**

To find (A) Fastener Length, add together (B) Spring Reach and (C) Material Thickness (including bracket if applicable). A=B+C

#### **Quick Turn Fastener Selection**

- Determine the total thickness of the panels being joined, including mounting brackets and the space between the panels, if any.
- Select the proper body length and spring height combination that provides the proper thickness range.

		Fastener Length "A"				
		.400"	.450"	.500"	.550"	.600"
<u>=</u>	1" Springs		Total Ma	aterial Thick	ness "C"	
Length "B"	.250"	.165"200"	.215"250"	.265"300"	.315350"	.365"400"
gt	.325"	.098"133"	.148"183"	.198"233"	.248"283"	.348"383"
Le	1-3/8" Springs					
ည်	.325"	.105"148"	.155"198"	.205"248"	.255"298"	.355"398"
Spring	.375"	.055"098"	.105"148"	.155"198"	.205"248"	.305"348"
S	.425"	.005"048"	.055"098"	.105"148"	.155"198"	.255"298"







Chad Boat Racing

Mike Motycka



## **Quick Turn Springs**



ALL19407

	10-Pack	50-Pack			
1-3/8" (.090" Wire Dia	1-3/8" (.090" Wire Diameter)				
.325" Reach	ALL19320	ALL19322			
.375" Reach	ALL19330	ALL19332			
.425" Reach	ALL19336	ALL19338			
1" (.080" Wire Diame	eter)				
.250" Reach	ALL19300	ALL19302			
.325" Reach	ALL19310	ALL19312			
3/4" (.062" Wire Diameter)					
.200" Reach	ALL19296	ALL19298			

## **Quick Turn Spring Fixture**

Accurately drill panels when installing guick 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.

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.

#### **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.

**ALL19402** ..... For 5/16" Fasteners ALL19403 ..... For 7/16" Fasteners

#### **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.



## **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)







ALL19360





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



Corey Ausra



Phil Ausra

Justin Pauley



## 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.

ALL19430 1"	<b>ALL19433</b> 1-1/2"
<b>ALL19431</b> 1-1/4"	<b>ALL19434</b> 1-5/8"
<b>ALL19432</b> 1-3/8"	<b>ALL19435</b> 1-3/4"

#### **Related Components**

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



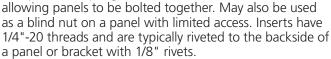






## Quick Turn Fastener Insert Plates

Insert plate directly replaces the quick turn spring,



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



#### **Replacement Parts**

sold separately.

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



or when mounting items to trailer walls. Inserts are designed for installation using insert tool ALL19450 with coordinating mandrel and nosepiece. Package of 10.



	Thread	Pilot Hole	Grip	<b>Body Length</b>
Part No.	Size	Size	Range	(Before Comp.)
ALL19460	8-32	17/64"	Up To .080"	.420"
<b>ALL19461</b>	10-24	5/16"	Up To .130"	.475"
ALL19462	10-32	5/16"	Up To .130"	.475"
<b>ALL19463</b>	1/4"-20	13/32"	Up To .165"	.580"
ALL19465	5/16"-18	17/32"	Up To .150"	.690"
ALL19467	3/8"-16	17/32"	Up To .150"	.690"





Randy Adler

Seth Chaney



ALL18630

## **Aluminum Washer Countersunk Bolt Kits**

Kit includes specially designed aluminum washers which allow the socket head fasteners to install flush with the surface creating a smooth

ALL18633 finished look. Many uses NEW 3/4" OD WASHER KITS include mounting roofs, side

skirts, spoilers and replacing sharp edged fasteners inside cockpit. Kits include washers, bolts and nyloc nuts.

<b>Bolt Size</b>	Washer O.D.	Finish	10-Pack	50-Pack
Countersur	nk 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"	3/4"	Clear	ALL18628	ALL18628-50
1/4"-20 x 1"	3/4"	Black	ALL18629	ALL18629-50
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

#### **Aluminum Washers**

#### NEW 3/4" OD WASHERS

Washer I.D. x O.D.	Finish	10-Pack	50-Pack		
<b>Countersunk Alum</b>	inum Wa	ashers			
#10 x 1"	Clear	ALL18660	ALL18660-50		
#10 x 1"	Black	ALL18661	ALL18661-50		
1/4" x 3/4"	Clear	ALL18658	ALL18658-50		
1/4" x 3/4"	Black	ALL18659	ALL18659-50		
1/4" x 1"	Clear	ALL18662	ALL18662-50		
1/4" x 1"	Black	ALL18663	ALL18663-50		
1/4" x 1-1/4"	Clear	ALL18664	ALL18664-50		
1/4" x 1-1/4"	Black	ALL18665	ALL18665-50		
Flat Aluminum Backer Washers					
#10 x 1"	Clear	ALL18638	_		
1/4" x 1"	Clear	ALL18639	-		



ALL18660

## **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.

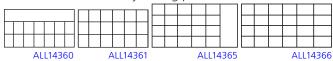
	Washer			
Bolt Size	O.D.	Color	10-Pack	50-Pack
Countersu	nk Bolt Kit	ts		
1/4"-20 x 1"	1"	Black	ALL18680	ALL18680-50
1/4"-20 x 1"	1"	White	ALL18681	ALL18681-50
1/4"-20 x 1"	1"	Red	ALL18682	ALL18682-50
1/4"-20 x 1"	1"	Blue	ALL18683	ALL18683-50
1/4"-20 x 1"	1"	Orange	ALL18684	ALL18684-50
1/4"-20 x 1"	1"	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

Washer			
O.D. x I.D.	Color	10-Pack	50-Pack
Countersur	nk Plastic Wa	shers	
1" x 1/4"	Black	ALL18690	ALL18690-50
1" x 1/4"	White	ALL18691	ALL18691-50
1" x 1/4"	Red	ALL18692	ALL18692-50
1" x 1/4"	Blue	ALL18693	ALL18693-50
1" x 1/4"	Orange	ALL18694	ALL18694-50
1" x 1/4"	Silver	ALL18695	ALL18695-50
1" x 1/4"	Pink	ALL18696	ALL18696-50
1" x 1/4"	Purple	ALL18697	ALL18697-50
1" x 1/4"	Fluorescent Yellow	ALL18698	ALL18698-50
1" x 1/4"	Fluorescent Orange	ALL18699	ALL18699-50



## **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. 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 ..... 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"



Shannon Babb



ALL18655

ALL18561

ALL18561-50

## **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.



Gold

## **Body Bolts**

These bolts are the same bolts found in our body bolt kits but



ALL18561

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.

<b>Under-Head Length</b>	Color	10-Pack	50-Pack
3/4"	Black	ALL16550	ALL16550-50
3/4	Silver	ALL16552	ALL16552-50
	Black	ALL16553	ALL16553-50
1-1/8"	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**

#### **ALL18216**

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.

<b>Bolt Color</b>	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.

F	inish	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 pr smoo<sup>-</sup> thick fasteners up to 3/4" in diameter.



nting pull-through while providing a	
oth, finished look. Washers are 1/8"	
and have a built-in pocket to accept	
body bolts or other washer headed	
The state of the s	

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

Steve Arpin



#### **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

#### **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 with a steel serrated locking nut. Internal threads accept fasteners ideal for mounting dash panels, access panels, body panels, electrical components or other accessories.

<b>Insert Material</b>	2-Pack	10-Pack	50-Pack
Steel	ALL18547	ALL18547-10	ALL18547-50
Aluminum	ALL18548	ALL18548-10	ALL18548-50

## **Button Head Bolts**





Common 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	_

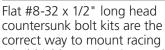
#### Quick Turn Fastener Insert Plates

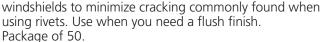
Insert plate directly replaces the quick turn spring allowing

panels to be boited together or 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.

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

#### Windshield Mounting Kit





ALL16914..... Stainless ALL16930 ..... Black

#### **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.

ALL16902	#10-24 x 3/8"
ALL16903	#10-32 x 3/8"
ALL16905	1/4"-20 x 1/4"
Δ1116907	1/4"-20 x 3/4"

## **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.

# 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



#### **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**



	1/4"-28	5/16"-24	3/8"-24	7/16"-20	1/2"-20	5/8"–18	3/4"-16
Length	Part No.						
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	//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"	_	_	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
4-1/4"	_	ALL17495	_	-
4-1/2"	_	ALL17496	_	_
5-1/2"	ALL17475	-	-	-
6"	ALL17476	_	_	ALL17549
7"	_	_	ALL17531	_
7-1/4"	_	_	_	ALL17552

Length	5/16"–18	7/16"–14	1/2"-13	5/8"–11
3/4"	ALL17221	_	_	_
1"	ALL17222	_	_	_
1-1/4"	ALL17223	_	_	_
1-1/2"	_	ALL17264	_	_
1-3/4"	_	_	ALL17285	ALL17315
2"	_	_	ALL17286	ALL17316
2-1/4"	_	_	ALL17287	ALL17317
2-1/2"	_	_	ALL17288	ALL17318
2-3/4"	_	_	ALL17289	_
3"	_	_	ALL17290	_
3-1/2"	_	_	ΔΙΙ17291	_



#### **Hex Nuts And Washers**













lut	Nylon Insert	Thin Nylon Insert	Mechanical L

<b>Coarse Thread</b>	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	-	-

<sup>\*</sup>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.

**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 <sup>†‡</sup>	_
7/8"-9 RH	1-5/16"	ALL18266†	
//o -9 KH	1-5/10	(Sway Bar Adj.)	_
1"-8 RH	1-1/2"	ALL56110 <sup>†</sup>	
1 -0 KH	1-1/2	(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.





#### **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
1/4	.343	.500	1/2"	_	ALL18702
5/16"	.475	.625	1/4"	_	ALL18706
3/10	.473	.023	1/2"	_	ALL18708
			1/4"	_	ALL18712
3/8"	.525	.680	1/2"	_	ALL18714
			1"	_	ALL18716
			1/4"	ALL18570	ALL18590
	.740	.995	3/8"	ALL18571	_
1/2"			1/2"	ALL18572	ALL18592
1/2	.740	.995	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"	Δ1112520	

## **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.

	1/4" I.D.	5/16" I.D.	3/8" I.D.	1/2" I.D.
Length	1" O.D.	1" O.D.	1" O.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.

Length	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		O.D.	Length "R"	Overall	David Na
Size	I.D.	"A"	В	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**

ALL18615	Aluminum, 1/2"
ALL18617	Aluminum, 1"
ALL18618	Aluminum, 1-1/4"
ALL18619	Aluminum, 1-3/4"



ALL18610..... Steel, 1/4"



ALL18611 ..... Aluminum, 1/4" ALL18613 ..... Aluminum, 1/2" 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.



		_	•		
RH Male	LH Male	<b>RH Female</b>	Strength		
s Steel					
ALL58004	ALL58014	ALL58034	2,835 Lbs		
ALL58005	ALL58015	ALL58035	4,517 Lbs		
ALL58006	ALL58016	ALL58036	6,323 Lbs		
ALL58008	ALL58018	ALL58038	10,046 Lbs		
ALL58010	ALL58020	ALL58040	15,488 Lbs		
ALL58012	ALL58022	ALL58042	15,894 Lbs		
ALL58013 <sup>†</sup>	_	_	15,894 Lbs		
l (Moly) – Bl	ack				
ALL58058	ALL58068	_	17,000 Lbs		
ALL58059	ALL58069	_	19,300 Lbs		
ALL58060	ALL58070	-	18,000 Lbs		
ALL58062	ALL58072	-	25,000 Lbs		
l (Moly) – Bl	ack (PTFE L	.ined)			
ALL58078*	ALL58083*				
ALL58079	ALL58084	_	17,650 Lbs		
ALL58080	ALL58085	_	15,200 Lbs		
ALL58082	ALL58086	_	21,400 Lbs		
Aluminum – Black					
ALL58088	ALL58098	_	7,700 Lbs		
ALL58089	ALL58099	_	15,000 Lbs		
	S Steel  ALL58004  ALL58005  ALL58006  ALL58010  ALL58012  ALL58013†  I (Moly) – BI  ALL58059  ALL58060  ALL58062  I (Moly) – BI  ALL58078*  ALL58079  ALL58080  ALL58080  ALL58088	S Steel  ALL58004 ALL58014  ALL58005 ALL58015  ALL58006 ALL58016  ALL58010 ALL58020  ALL58012 ALL58022  ALL58013† -  I (Moly) - Black  ALL58058 ALL58068  ALL58059 ALL58069  ALL58060 ALL58070  ALL58062 ALL58072  I (Moly) - Black (PTFE L  ALL58078* ALL58083*  ALL58079 ALL58084  ALL58080 ALL58085  ALL58080 ALL58086  ALL58088 ALL58086  ALL58088 ALL58086	S Steel  ALL58004 ALL58014 ALL58034  ALL58005 ALL58015 ALL58035  ALL58006 ALL58016 ALL58036  ALL58010 ALL58020 ALL58040  ALL58012 ALL58022 ALL58042  ALL58013†  I (Moly) - Black  ALL58058 ALL58068  ALL58059 ALL58069  ALL58060 ALL58070  ALL58062 ALL58072  I (Moly) - Black (PTFE Lined)  ALL58078* ALL58083*  ALL58079 ALL58084  ALL58080 ALL58085  ALL58082 ALL58086  ack  ALL58088 ALL58098		

tALL58013 has an oversized hole and is for use with steering shaft tubing.



## **Heavy Duty 3/4" Chrome Moly Rod Ends**

Often referred to as "Aircraft-Style", these heavy duty 4130 chrome moly rod ends ALL99314 ALL99315 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.

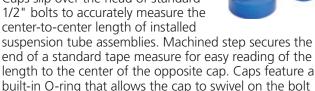
**ALL99314** ..... RH Male, 3/4" x 3/4"-16 ALL99315 ..... RH Female, 3/4" x 3/4"-16



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 center-to-center length of installed



head and keeps it from falling off. Package of 2.

#### **Steel Shock Quick Pin ALL60108**

Steel shock guick pins allow coil-over shocks to be guickly serviced or changed. Works with Allstar coil-over brackets, eliminating the need for a separate bushing. Shock guick 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 guickly 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 guick pins are 2-1/2" long and include a hairpin.

ALL17120 ..... Quick Pin With Shoulder ALL17121 ..... Quick Pin Without Shoulder

## **Ouick 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.

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" **ALL60324**.... 1/2" x 3-1/2" ALL60306 .... 5/16" x 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"

## Ouick 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 ..... 1/2" Collar With 10-32 Screw ALL60336 ..... 5/8" Collar With 1/4"-28 Screw





Lengths stated are from

base of T-handle to top

of detent ball.







#### 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.

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

## 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 overcenter action locks clip in place.



ALL18514

ALL18512

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

## **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.

**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.

**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.

**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

## **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.

ALL18506

**ALL18516**...... Hairpin Clip, 5/32" **ALL18515**..... Flip-Over Clip, 3/16" **ALL18506** ..... Flip-Over Clip, 1/4"

# Flip-Over Clip With Lanvard

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.

ALL18460 ..... Clip With 6" Lanyard ALL18462 ..... Clip With 10" Lanyard





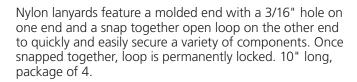
#### **Steel Lanyards**



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.

**ALL18461** ..... 6" Long **ALL18463** ..... 10" Long

**Nylon Lanyards ALL18468** 



#### **Hair Pins**

Zinc coated hair pins are formed from .093" diameter steel wire. Package of 2.

**ALL18442** ..... 1-5/8" **ALL18444** ..... 2-1/2"

## **Diaper Pins**

Steel diaper pins are zinc coated. Sold each.

**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.

**ALL18452** ..... 1/4" x 2" **ALL18454** ..... 5/16" x 2-3/4"

## **Universal Line Clamps**

Two-piece aluminum clamps dress up wiring or hard lines. Package of 4.

**ALL18320** ..... 3/16" **ALL18321** ..... 1/4" **ALL18322** .... 5/16" **ALL18323** .... 3/8"



#### **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

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

	Aluminum		Ny	lon
<b>Clamp Size</b>	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	_	_

## **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"		



#### **T-Bolt Band Clamps**

Stainless steel constructed band clamps provide a better sealing option over traditional hose clamps in performance applications. Clamps feature a 3/4" wide band and are sold in pairs.

Part No.	Min O.D.	Max O.D.
ALL18344	1-1/2"	1-3/4"
ALL18345	1-3/4"	2"
ALL18347	2"	2-3/8"
ALL18349	2-1/4"	2-5/8"
ALL18350	2-3/8"	2-3/4"
ALL18351	2-3/4"	3-1/4"
ALL18352	3″	3-3/8"
ALL18353	3-1/4"	3-5/8"
ALL18354	3-3/4"	4-1/4"
ALL18355	4-1/4"	4-5/8"





## **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 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 Adapters**

Part No.	A Size	B Size
Straight Bu	lkhead	
ALL49610	-3	-3
ALL49611	-4	-4
ALL49612	-6	-6
ALL49613	-8	-8
ALL49614	-10	-10
ALL49615	-12	-12
ALL49616	-16	-16
90° Bulkhea	ad	
ALL49620	-3	-3
ALL49621	-4	-4
ALL49622	-6	-6
ALL49623	-8	-8
ALL49624	-10	-10
ALL49625	-12	-12
ALL49626	-16	-16





#### **Aluminum AN Bulkhead Nuts**





## **Aluminum AN Flare Adapters**

/ (I GIIII I	4111 / <b>414</b> 1 1	aic /tac
Part No.	A Size	B Size
Female Swi	vel Union	
ALL49700	-3	-3
ALL49701	-3 -4	-3 -4
	-4 -6	- <del>4</del> -6
ALL49702		
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	-5 -4	-4
ALL49721	-6	-6
ALL49723	-8	-8
	-8 -10	
ALL49724	-10	-10
ALL49725	-12	-12
Male Reduc		
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 Red		
ALL49740	-4	-3
ALL49741	-6	-4
ALL49741	-8	-4
ALL49743	-8	-6
ALL49743	-10	-6
ALL49745	-10	-8
ALL49746	-12	-8
ALL49747	-12	-10
ALL49748	-16	-10
ALL49749	-16	-12
Swivel Flar		
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	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 0	n Side	
ALL49650	-3	-3	-3
ALL49651	-4	-4	-4
ALL49652	-6	-6	-6
ALL49653	-8	-8	-8





Part No.	AN Size
<b>Aluminum Flare C</b>	
ALL49670	-3
ALL49671	-4
ALL49672	-6
ALL49673	-8
ALL49674	-10
ALL49675	-12
ALL49676	-16
<b>Aluminum Flare P</b>	lug
ALL49680	-3
ALL49681	-4
ALL49682	-6
ALL49683	-8
ALL49684	-10
ALL49685	-12
ALL49686	-16
<b>Aluminum Tube N</b>	lut, 2-Pack
ALL50320	-3
ALL50321	-4
ALL50322	-6
ALL50323	-8
ALL50324	-10
<b>Aluminum Tube S</b>	leeve, 2-Pack
ALL50330	-3
ALL50331	-4
ALL50332	-6
ALL50333	-8
ALL50334	-10











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"
A1149765	-8	-8	1/8"



## **Aluminum Gauge Fittings**

**ALL50201** ..... 1/8"NPT Female To -3AN **ALL50202** ..... 1/8 "NPT Female To -4AN



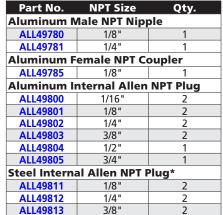
## **AN Flare To ORB Adapters**

Part No.	A Size	B Size			
Aluminun	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			



#### **NPT Adapters**

Part No.	A Size	B Size
Aluminum N	IPT 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"



1/2"

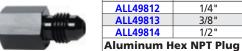
1/8"

3/8"

1/2"

1

1



<sup>\*</sup>Larger quantities available

ALL49820

ALL49821

ALL49822

















#### 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.



ALL50000 ALL50001



ALL50010 ALL50011



ALL50018 ALL50019





ALI 50199 ALI 50200

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 Fittings**

Popular brass 1/8"-27NPT fittings used for a variety of applications.









ALL50138

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-Pack ALL50139 ..... 1/8"NPT Tee, 2-Pack



ALL50139

#### 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

## 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.











ALL50032



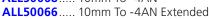
ALL50035

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 ..... 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





ALL50063



ALI 50066

## **Banjo Bolts**

Banjo bolts are a drilled bolt to allow 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.





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.









## **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.













ALL50135

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**

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

## **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.

ALL50104 ..... 3/16" To 3AN ALL50105 ..... 3/16" To 4AN ALL60092 ..... Weld-On Tabs, 4-Pack



## Clip-In Adapter Fittings

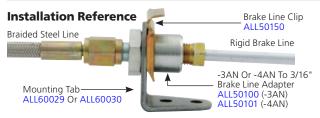
Steel adapter fittings provide a bulkhead style connection to AN lines that can be mounted directly to the chassis by using tabs or brackets and retainer clips. Fittings fit in a 5/8" hole and are sold in a pack of 2.

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



ALL60029 ALL60030

#### **TECH TIP**



## D.O.T. Legal **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 16" DOT approved #3 braided steel hoses.

**ALL42032** ..... GM Metric Kit With 10mm-1.50 Caliper Bolts ALL42033 ..... Big GM Kit With 7/16"-20 Caliper Bolts

#### **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.

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.

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**

		-3 Straight And	-3 Straight And	-3 Straight And
Length	Two -3 Straight	-3 45°	-3 90° Forged	-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	_	_	_







		-4 Straight And	-4 straight And	-4 Straight And		
Length	Two -4 Straight	-4 45°	-4 90° Forged	-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.

	#3 Line		#4 Line	
Length	Two -3 Straight	-3 90° and -3 Straight	Two -4 Straight	-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



ALL48409

ALL48410

#### **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.



ALL48424

ALL48425

#### #6 Coated Braided Steel Lines With Aluminum Ends

ALL48392

ALL48370 ALL48393

ALL48382

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" (10 ft.)	ALL48465-120	_
192" (16 ft.)	ALL48465-192	-



ALL48380

ALL48383

52"

60"

62"

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.

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



ALL48360

ALL48381

Bill Balog

ALL50215

ALL50212



#### #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**

	#4 Line		
Length	-3 Straight	-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.

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



## 90 Degree Swivel Fitting

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.

**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.

**ALL50090**..... -3AN to -3AN **ALL50091**..... -4AN to -4AN



## 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.



#### **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).

**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. Kit includes an 8" long 3/16" hard line, a straight and



90 degree male 1/8" NPT to 3/16" inverted flare fittings, a straight female 1/8" NPT to 3/16" inverted flare fitting, two straight male 1/8" NPT to -4 hose fittings, a 36" #4 braided steel hose with -4AN fittings and line clamps for the steel and braided line.

## D.O.T. Legal 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 16" DOT approved #3 braided steel hoses.

**ALL42032**..... GM Metric Kit With 10mm-1.50 Caliper Bolts **ALL42033**..... Big GM Kit With 7/16"-20 Caliper Bolts

#### **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.

**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.

**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)

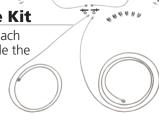
Kit is designed to eliminate "hanging" brake

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.

**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.



**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.

**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 has been double annealed for easier bending and flaring. Pre-made lines exceed SAE and DOT requirements and include standard size stainless flare nuts 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.



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.

ALL11010..... Mini ALL11011..... Standard

## **Coiled Tubing**

Coiled tubing works great for building 1 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.	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. Colors listed may vary.

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.

ALL50300 ..... -3AN Tube Nut ALL50310 ..... -3AN Tube Sleeve



ALI 50300



ALL50310

## **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

ALL11010



## **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 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.



## **Universal Line Clamps**

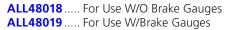
Two-piece aluminum clamps dress up wiring or hard line. Package of 4.

ALL18320 ..... 3/16" ALL18321..... 1/4" ALL18322 ..... 5/16" ALL18323 ..... 3/8" Nylon



## 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.





## **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



## 3/16" Nylon Brake Line

**ALL48026**..... 10' **ALL48027**..... 50' **ALL48028**..... 100'



## 3/16" Nylon Brake Line Compression Fittings



ALL48032





ALL48034





**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



**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



ALL48020







2 ALL48023

**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



#### **Aluminum Fuel Line**

Allstar aluminum fuel line is seamless and available in three diameters, 25' coil.

ALL40180 ..... 3/8" Dia. **ALL40185** ..... 1/2" Dia. ALL40186 ..... 5/8" Dia.



#### **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

## **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.

Сар	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, -3 to -16.

ALL50800 ..... Plastic Cap Kit ALL50810 ..... Plastic Plug Kit ALL50820 ..... Aluminum Cap Kit ALL50830 ..... Aluminum Plug Kit



#### **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"

#### **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.

ALL40340 ..... 5/32", 5' Long ALL40341 ..... 5/32", 50' Long **ALL40342**..... 7/32", 5' Long ALL40343 ..... 7/32", 50' Long

#### **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.

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	
Fuel Line Kits	

ALL26156

ALL26166

Dual feed fuel line kits include the correct fittings and hoses to properly plumb single carburetor applications when connecting to AN style fitting. 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	СТоС	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 Holley Dominator (4500 Series)	11-5/8"	7/8"-20	ALL26158	ALL26168
-8 BG Demon	9-5/8"	9/16"-24	ALL26157	ALL26167

<sup>\*</sup>Designed for carburetors with custom metering block including Willy's and KB.



#### **Fuel Logs**

Fuel logs efficiently provide fuel to most 4150 series Holley style carburetors with 7/8"-20 inlet threads and standard metering



ALL26153

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 which can be removed when installing a return line or fuel pressure gauge.

**ALL26152** ..... Fuel Log With -8AN Barbed Inlet Fitting **ALL26153** ..... Fuel Log With -8AN Male Inlet Fitting

## **Aluminum Carb Fittings**

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 Component**

**ALL50910** ..... Sealing Washer for 7/8" Fittings, 10-Pack

## GM T.P.I. Fuel Injection Fittings

Special tube O-ring fittings convert GM
Tuned Port Injection fuel systems to -6AN fittings.

**ALL50950** ..... TPI Return Fitting, 14mm-1.50 **ALL50951** ..... TPI Inlet Fitting, 16mm-1.50

## **Sprint Wing Line Kit**

**ALL48006** 

Kit includes lightweight, coated, braided stainless steel lines and aluminum fittings to help simplify plumbing of KSE Gen2 steering gear and wing cylinder.



Kit includes (2) #4 slider lines (22" long and 36" long), (2) #4 pressure and return lines (18" long), (4) 45° -4AN to 1/8"NPT valve fittings, (2) 90° -4AN to 1/8"NPT cylinder fittings and (2) high-flow -3 ORB to -4AN fittings.

# **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** - O.E. Style Location With Pump Mounted To Front Of Engine

**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.

**ALL48201**..... Kit For Rack And Pinion **ALL48205**..... Kit For Steering Box

#### **Power Steering Hose**

The same quality hose included in our 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.



#### **Power Steering Hose**

ALL48270-3....-6, 3' Long ALL48270-6...-6, 6' Long ALL48270-10...-6, 10' Long ALL48270-15...-6, 15' Long ALL48270-20...-6, 20' Long

#### Stainless Hose

**ALL48275-3**.... -10, 3' Long **ALL48275-6** ... -10, 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.



#### -6 Hose Ends (Steel)

**ALL48271** ..... Straight **ALL48272** .... 45° **ALL48273** .... 90°

#### -10 Hose Ends (Aluminum)

ALL48276 ..... Straight ALL48277 ..... 45° ALL48278 ..... 90° ALL48279 ..... 120°



ALL48278



# Power Steering Box Fittings

Allstar fittings convert most

power steering boxes and racks to -6AN



ALL48215 ALL48217

#### **O-Ring Style Fittings**

fitting.

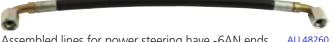
ALL48210\*...-6AN Male To 16mm Fitting With O-Ring ALL48211.....-6AN Male To 14mm Fitting With O-Ring ALL48212\*...-6AN Male To 18mm Fitting With O-Ring ALL48214.....-6AN Male To 9/16"-18 Fitting With O-Ring

#### Non O-Ring Style Fittings

**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.

## **Sprint Power Steering Lines**



Assembled lines for power steering have -6AN ends and are compatible with high pressure pumps found in today's sprint cars where standard hose and fittings cannot be used. Lines are lightweight yet strong, weighing less than a standard high pressure hose assembly. Plumbing is perfect for connection of KSE steering gear to pump. 13-1/2" long.

**ALL48260**..... Line With Steel Ends And Protective Wrap **ALL48261**..... Line With Aluminum Ends

## Sprint Power Steering Supply Line

#### **ALL48262**

Gen2 supply line has a 90°
-10AN and a straight -10AN
aluminum fitting for a precise fit

to the KSE Gen2 steering gear. New style hose is very flexible yet will not collapse under suction. Total overall length including fittings 9".

## **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 ..... 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

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.

## **Aluminum Oil Inlet Fittings**

Aluminum fittings adapt NPT to AN threads that are commonly used when connecting oil lines, and other applications. Length stated is overall length. ALL90045 features two additional 1/8"NPT ports commonly used when plumbing valve spring oilers.

ALL90048..... 3/8"NPT to -10AN, 3" Long ALL90043..... 1/2"NPT to -10AN, 3" Long ALL90044..... 1/2"NPT to -12AN, 3" Long ALL90045.... 1/2"NPT to -12AN, 3-1/2" Long (With 1/8"NPT Ports)

ALL90044 ALL90045

## **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.

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 tees.

**ALL90075** ..... -10AN To -8AN **ALL90076** ..... -12AN To -10AN

# 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.

**ALL50203** ..... 3/8"NPT **ALL50204** ..... 1/2"NPT

## **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 or other components.

#### **Female NPT**

Size	0.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

		Flange		
Size	Thread	0.D.	Aluminum	Steel
4AN	7/16"-20	3/4"	ALL50760	<b>ALL50770</b>
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	<b>ALL50775</b>
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



#### **Overflow Nozzles**

Aluminum nozzle acts as a signal to the driver indicating a possible overheating condition as the cooling ALL30178 ALL30179 system pushes out water. Nozzle with threaded body mounts in a body panel outside the driver's compartment and is available with a 1/4" barb or a -4AN male fitting.

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 of most radiators, allowing connection to an overflow tank. Aluminum fitting has 1/8"NPT threads and accepts a 5/16" hose.

#### Petcock ALL99030

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

#### Radiator Hoses

Two-ply coolant hose is flexible and adapts to a variety of applications.



Abrasion resistant cover will not crack or harden.

1-1/2" Dia. Upper Hose	1-3/4" Dia. Lower Hose
<b>ALL30200</b> 12 "	ALL30220 11"
<b>ALL30202</b> 14"	<b>ALL30222</b> 13-1/2"
<b>ALL30204</b> 15-1/2"	<b>ALL30224</b> 16-1/2"
<b>ALL30206</b> 17"	<b>ALL30226</b> 19"
<b>ALL30208</b> 20"	<b>ALL30228</b> 23-1/2"
ALL30210 22"	Hose Clamps (2-Packs):
<b>ALL30212</b> 25"	ALL18334 Clamps, Upper Hose
<b>ALL30214</b> 30"	ALL18336 Clamps, Lower Hose

#### **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 con-





nection, even under harsh race condi-

tions. 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 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.



## Performance Mechanical Fuel Pumps

Lightweight die-cast three valve pump isgreat for use with Sportsman type engines up to 700HP and 8,000 RPM. Pump features AN style 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.

**ALL40266** ..... 8AN Inlet / 8AN Outlet **ALL40267** ..... 10AN Inlet / 8AN Outlet

NEW

#### **Replacement Fittings**

**ALL50915** ..... 8AN Fitting **ALL50916** ..... 10AN Fitting

## 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.

**ALL40260** .... SB Chevy **ALL40261** .... BB Chevy **ALL40262** .... SB Ford



## SB Chevy Fuel Pump Mount Plate ALL40254

O.E. 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 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 <sup>†</sup> , SB/BB Chrysler	ALL40303	ALL40304	ALL40305	ALL40307

tWill not fit Ford 351C, 351M-400.

## **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.

# **Bracket for Compact Electric Fuel Pump ALL40322**

Bracket mounts our popular electric fuel pump ALL40320 with 1-1/2" o.d. to 1-1/8" chassis tubing, commonly used on minisprint cars.



## **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**

ALL99430 ..... Rebuild Kit

## **Shockproof Pressure Gauges**

1-1/2" diameter gauges are constructed using reliable brass internal parts and have ALL80200 a 1/8"NPT male fitting on the backside of the gauge. Dry gauges feature a chrome plated steel housing, while glycerin-filled gauges feature a stainless steel housing helping to dampen the effect of pulsation and pressure spikes of the gauge needle.

	Glycerine		Engine
Description	Filled	Dry Type	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	_

# Hi-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**

**ALL40251** ..... Replacement Element And Seals



#### **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 and methanol 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**

**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

**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**

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	<b>Tubing Shape</b>
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	_



#### **2-Piece Fuel Filter Brackets**

Brackets are a two-piece design that clamps our 2" O.D. in-line style fuel filter directly to the chassis tubing. Bracket secures filter to the tubing but does not fit completely around chassis tubing for applications when decking or sheet metal is mounted directly against the tubing. Sold each.

ALL40190	1-1/8"
ALL40191	1-1/4"
ALL40192	1-1/2"
ALL40193	1-3/4"

## Fuel Line Check Valve WEW

#### **ALL40208**

Valve is placed in-line near the fuel cell to prevent fuel from free-flowing in the event of an accident that damages the fuel pump

or fuel line. The suction action of the fuel pump overrides the internal spring which opens the valve allowing fuel to flow without restriction. Valve accepts -10 ORB style fittings.

NEW

# Fuel Filter Shut-Off Valve

#### **ALL40210**

Valve installs on the inlet end of our inline aluminum fuel filters allowing fuel to be shut off for maintenance or safety reasons.

Ball style shut off features a lever with a 1/4"-20 threaded hole for mounting a ball stud or securing a rod end for use with remote shut off.

#### **Fuel Line**

Premium fuel line is reinforced to help prevent kinking and is rated up to 50PSI for use with carbureted applications. Fuel line is compatible with gaso-

line, E-85, diesel and biodiesel and has many other uses including connecting PCV valves, coolant overflow tanks, vent lines for transmissions and differentials. Line Size indicated is I.D. of hose.

Note: Line is not for use with fuel injection and is not submersible.

**ALL40350** ..... 1/4", 3' Long **ALL40351** ..... 5/16", 25' Long **ALL40353** ..... 5/16", 3' Long **ALL40357** ..... 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.

**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 1 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).

**ALL48327** ..... 5/16" Standard Zinc, 25' **ALL48320** ..... 5/16" Stainless, 20' **ALL48328** .... 3/8" Standard Zinc, 25' **ALL48322** .... 3/8" Stainless, 20'





#### **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	4Pack





Stainless Steel

ALL34284

#### **Aluminum Fuel Line**

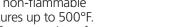
Aluminum fuel line is seamless and available in three diameters. 25' coil.

ALL40180 ..... 3/8" O.D. ALL40185 ..... 1/2" O.D. ALL40186 ..... 5/8" O.D.



#### **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.

**ALL26150** ..... Fuel Log With 7/8"-20 Fitting (Standard Holley) ALL26151 ..... Fuel Log With 3/4"-16 ORB Fitting (Holley Ultra HP)

#### **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.

ALL26152 ..... Fuel Log With -8 Barbed Inlet Fitting ALL26153 ..... Fuel Log With -8AN Male Inlet Fitting

#### **Aluminum Carb Fittings**

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**

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 con-



necting to AN style fitting. 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.

		Carb	Red/	
Application	C To C	Thread	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 Holley Dominator (4500 Series)	11-5/8"	7/8"-20	ALL26158	ALL26168
-8 BG Demon	9-5/8"	9/16"-24	ALL26157	ALL26167

<sup>\*</sup>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.

ALL50950 ..... TPI Return Fitting, 14mm-1.50 **ALL50951** ..... TPI Inlet Fitting, 16mm-1.50





## **Down Nozzle Filter with Breather** Ring ALL40325

Filters allow excess fuel to evacuate the injection lines once engine is shut down to help prevent fuel from entering the cylinders. Low profile filter design reduces the chance of damage. Package of 8.

#### **Nozzle Plugs ALL40327**

Nozzle plugs take the place of the fuel nozzles when only running one set of injectors. Plugs feature 1/2"-20 threads and include a sealing o-ring. Package of 8.

## **Nitrous Bottle Warmer**

#### **ALL76428**

Nitrous bottle warmers are the right way to safely obtain correct pressure in colder weather. Wrap around design evenly distributes heat on the bottle, eliminating hot spots. 12-16 volt warmers are designed to work with ALL76197 and ALL76198 pressure control kits. Bottle warmer measures 19" x 6" and includes adjustable straps to fit most 5, 10 and 15 lb. bottles.

#### **Nitrous Pressure Control Kits**

Kit simplifies installation of a bottle warmer and helps maintain a consistent pressure

when using a bottle warmer. 12V kit includes an adjustable pressure switch which controls the bottle warmer.

ALL76197 ..... Kit With -4AN Line Adapter ALL76198 ..... Kit With -6AN Line Adapter

## **Burst Panel Components**



Burst panel is designed to blow open or release excessive manifold pressure in the event of an internal engine explosion, helping to prevent costly supercharger and body damage. Panel meets SFI 23.1 specifications and is commonly used on supercharged, alcohol injected engines, mounting directly to the intake manifold or supercharger (screw type only). Outer frame deflectors will direct force away from car.

**ALL26310** ..... Burst Panel. Large (3-1/8" x 6-1/8")

ALL26311 ..... Outer Burst Panel Frame

ALL26314 ..... Outer Burst Panel Frame With Deflector

ALL26313 ..... Inner Burst Panel Frame (Used when manifold has an open plenum without burst panel sup-

ALL26315 ..... Fastener Kit 10-24 x 3/4", 24-Pack (For use with panel and outer frame or deflector.)

**ALL26316** ..... Fastener Kit 10-24 x 1", 24-Pack (For use with panel, inner frame and outer frame or deflector.)

## **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



ALL26043

ALL26044

ALL26040 ..... Plastic

ALL26042 ..... Plastic With Screen

ALL26043 ..... Aluminum

ALL26044..... 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.

#### Dominator Carb Hat ALL26041

Plastic carb hat is 2-3/8" tall and fits over the 7-1/4" air cleaner opening of Holley Dominator carburetors to prevent water or debris from entering the engine. Solid

cover may be drilled when an air cleaner stud is used.

## **Drag Hi-Flow Carburetor Spacers**

Specially designed for drag race applications to isolate carburetor from manifold, spacers prevent horsepower-robbing heat transfer and increase the distance from the bottom of the carburetor to the manifold plenum for better air flow. Spacers are CNC-machined in the U.S. from a polymer compound able to withstand temperatures up to 400°F. Available in open or four hole versions for 4150 and 4500 series Holley and Holley style carburetors in 1/2", 1" and 2" heights. Tapered four-hole spacers have specially contoured holes to increase air velocity under the carburetor. Not intended or recommended for street or circle track use.

Part No.	Description	Part No.	Description
4150 Serie	S	4500 Serie	S
ALL25980	Open, 1/2"	ALL25990	Open, 1/2"
ALL25981	Open, 1"	ALL25991	Open, 1"
ALL25982	Open, 2"	ALL25992	Open, 2"
ALL25983	4-Hole, 1/2"	ALL25993	4-Hole, 1/2"
ALL25984	4-Hole, 1"	ALL25994	4-Hole, 1"
ALL25985	4-Hole, 2"	ALL25995	4-Hole, 2"
ALL25986	Tapered 4-Hole, 1"	ALL25996	Tapered 4-Hole, 1"
ALL25987	Tapered 4-Hole, 2"	ALL25997	Tapered 4-Hole, 2"

#### **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.



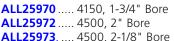


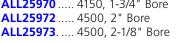
ALL25970

**Bottom View** 

## **Carb Shear Plates**

Carb plates with built-in shear design help maximize performance on race engines with a large amount of cam overlap by creating a dam under the throttle plates, helping to build low pressure while improving vacuum signal to the carb. 1/2" tall plates are machined from 6061-T6 aluminum and clear anodized to protect against corrosion.





#### **Carburetor Gaskets**

ALL87200 ..... 4150 Open ALL87202 ..... 4150 4-Hole ALL87204 ..... 4412 2-Hole, 2bbl. ALL87206 ..... 4500 Open, Dominator

## 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.

**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 guickly by removing the carb. Inserts restrict air/fuel entry and reduce



#### **Restrictor Plates**

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 ALL26180 slightly to prevent wheel spin and range in size from 0.950" to 1.400" for custom tailoring and guicker lap times. Spacer works with most Holley 4bbl. 4150/4160 series carburetors. Inserts sold separately.

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		
Part No.	Size	
ALL26181	0.950"	
ALL26182	1.000"	
ALL26179	1.050"	
ALL26183	1.100"	
ALL26184	1.150"	
ALL26185	1.200"	
ALL26186	1.250"	
ALL26187	1.300"	
ALL26188	1.350"	
ALL26189	1.400"	

For 1" Restrictor Plate		
Part No.	Size	
ALL26061	0.950"	
ALL26062	1.000"	
ALL26059	1.050"	
ALL26063	1.100"	
ALL26064	1.150"	
ALL26065	1.200"	
ALL26066	1.250"	
ALL26067	1.300"	
ALL26068	1.350"	
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



ALL54185

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 ..... Bracket For 4150 Series 4bbl. ALL54186 ..... Bracket For 4412 Series 2bbl.



ALL54276

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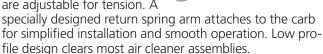


ALL54201

ALL54211

## **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



Carb Size	Clear	Black
4150/Edelbrock	ALL54200	ALL54202
4500	ALL54201	ALL54203

Note: Longer carburetor studs will be required to accommodate bracket.

**Adjustable Throttle Brackets With Return Springs** 

Billet aluminum throttle bracket securely mounts and holds throttle cable in place. Bracket fastens to carb

mounting studs and includes dual stainless steel return springs which are adjustable for tension. Specially designed return spring arm attaches to the carb for simple installation and smooth operation. Low profile design clears most air cleaner assemblies. Optional transmission kickdown brackets mount to the underside of throttle cable brackets.

Carb Size	Cable Style	Clear	Black
4150/Edelbrock	GM	ALL54210	ALL54211
4150/Edelbrock	Lokar	ALL54214	ALL54215
4150/Edelbrock	Morse	ALL54218	ALL54219
4150/Edelbrock	Ford	ALL54222	ALL54223
4150/Edelbrock	Mopar	ALL54224	ALL54225
4500	GM	ALL54226	ALL54227
4500	Lokar	ALL54230	ALL54231
4500	Morse	ALL54234	ALL54235
4500	Ford	ALL54238	ALL54239
4500	Mopar	ALL54240	ALL54241

Note: Longer carburetor studs will be required to accommodate bracket.

## **Throttle Bracket Replacement Ends**

Throttle bracket replacement ends allow throttle cable assemblies to be changed without having to purchase a whole new kit.

	Cable Style	Clear	Black	
	GM	ALL54260	ALL54261	
	Lokar	ALL54264	ALL54265	
	Morse	ALL54268	ALL54269	
	Ford	ALL54272	ALL54273	

## **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	_	

## **Scoop Tray Mounts**

Scoop tray mounts offer an all in one solution to mount a scoop tray, throttle, and nitrous solenoids. Mounts provide a clean look, eliminating the need to use multiple brackets, mounts and gaskets. CNC machined from 6061 aluminum, black anodized.

#### **Standard Mounts**

ALL54302 ..... 4150 (1.755" Bore ALL54304 ..... 4500 (2.375" Bore)

#### **Mounts w/ Nitrous Solenoid Mounts**

ALL54306 ..... 4150 (1.755" Bore) **ALL54308**..... 4500 (2.375" Bore)

## Return Spring Brackets

Kits are replacement hardware found on Allstar throttle brackets or may be used when building custom return spring brackets.

**ALL54194** ... 4150. Clear **ALL54195** ... 4150, Black ALL54196 ... 4500, Clear ALL54197 ... 4500, Black ALL54198 ... Lokar, Clear ALL54199 ... Lokar, Black ALL54193 ... Return Springs Only, (2)

#### 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.

## **Transmission Kickdown Brackets**

Kickdown bracket attaches to the bottom of Allstar's adjustable throttle brackets. Fully adjustable to achieve correct cable setting.

ALL54276 ..... GM Style, Clear ALL54277 ..... GM Style, Black ALL54278 ..... Lokar Style, Clear ALL54279 ..... Lokar Style, Black

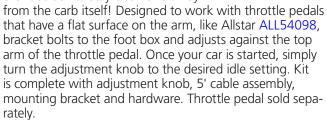
## Adjustable Idle Kit

#### **ALL54154**

ALL54260

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



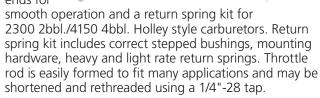




## **Aluminum Carb Linkage** With Return Spring Kit

#### **ALL54158**

Linkage kit includes a 24" linkage with 1/4" rod ends for



#### **Replacement Parts**

ALL54159 ..... Carb Linkage Only ALL54168 ..... Return Spring Kit

## **Steel Carb Linkage**



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.

ALL54170 ..... One Quick Disconnect And One 1/4"-28LH

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 use as a throttle cable or as a shifter cable many applications. Cables have 7/16" mounting threads, #10-32 RH cable ends and 3" of travel. Cables are listed as overall length.

ALL54142 ..... 43" ALL54145 ..... 60"

## **Morse Cable Half Clamp**

#### **ALL18325**

Aluminum clamp fits over groove in nonthreaded Morse style cables with a 3/8" housing to secure cable in place. Clamps feature a #10 (3/16") mounting hole. Sold each.



#### **Quick Release Cable Ends**

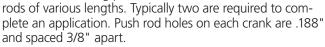
Ouick release ends are used when a connection needs to be removed and installed often. Steel constructed housing has a spring loaded release to keep housing secure to pivot ball.

ALL54147 ..... #10-32 With #10-32 And 1/4"-28 Studs ALL54149 ..... 1/4"-28 With 1/4"-28 Stud

#### **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 loca-

ALL54150 tions for connecting push



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.









ALL54180

### Wide Open Throttle Microswitch Brackets

Black anodized microswitch brackets are made from lightweight billet aluminum and fit Holley 4150 and 4500 carburetors for precise activation of the microswitch. Brackets work with the

standard secondary arm as well as a throttle adjustmentscrew secondary arm. Each kit includes a bracket, microswitch and stainless steel hardware securing microswitch to the bracket. ALL54180 includes stainless hardware for mounting bracket to carburetor. ALL54181 mounts to an existing carb stud.

**ALL54180** ..... WOT Microswitch And Bracket For 4150 Carbs\* **ALL54181** ..... WOT Microswitch And Bracket For 4500 Carbs **ALL54182** ..... Microswitch Only

\*Some model carbs may require mounting bosses be 8-32 tapped for installation.

# Throttle Pedal Assembly

#### **ALL54106**

Rugged aluminum pedal may be mounted to the floor pan or lower frame rail for smooth, safe throttle control. Includes return spring bracket and fasteners.

**Sprint Car Throttle Pedals** 



Pedals fit most sprint chassis with pivot spud welded on frame rail.

ALL54094..... Titanium

ALL54095 ..... 4130 Chrome Moly

#### **Heel Riser**

Aluminum heel risers are drilled for easy mounting and include a non-skid pad. 4-1/2" wide.

**ALL54090**..... 1" Tall Riser **ALL54091**..... 1-1/2" Tall Riser

#### **Heel Riser Rest ALL54092**

Aluminum bracket is 1" tall and rivets to heel risers to help keep foot in place on the riser.



#### Floor Mounted Throttle Pedal Kit

#### **ALL54102**

Floor mount pedal offers a smooth, natural feel to maximize throttle control and comfort.
Complete kit

al offers

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.

#### **Individual Components**

ALL54104 ..... Pedal Only

**ALL54105** ..... Throttle Cross Shaft **ALL54159** ..... Linkage Rod Only

#### 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.

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.

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, causing fuel system contamination, while the large 3" opening helps when refueling. Kit includes mounting hardware.

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



### **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"

**ALL40213** ..... Female ALL40215 ..... Male

#### **Replacement Parts**

**ALL99028**..... Seal Kit For ALL40213 **ALL99029** ..... Seal Kit For ALL40215

# **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.

# **Overflow Check Valves** Valves are 9-3/4" long and

available in two styles. Use with ALL10102 overflow catch can.

ALL40200 ..... 1" Flapper Style **ALL40201** ..... 1-1/4" Flapper Style **ALL40203** ..... 1-1/4" Spring-Loaded



ALL40213

ALL40215

# **Fuel Cell Mounting Brackets**

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

ALL60060 ..... 2" Long **ALL60061**..... 3" Long **ALL60062**..... 4-3/4" Long

#### **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

#### **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.

ALL40100 ..... 6 Qt. Funnel With Brass Screen ALL40102 ..... 2 Qt. Funnel With Brass Screen ALL40104..... 1 Pint Funnel With Brass Screen



Ryan VanderVeen

# **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.

ALL40116 ..... Kit For Use With Scribner Jug ALL40117 ..... Kit For Use With VP Jug

ALL40118 ALL40116 ALL40118 ..... Cap Only For Use With Scribner Jug

ALL40119 ..... Cap Only For Use With VP Jug



### **Wheel Bearing Kits**

Kits contain inner bearing, outer bearing and seal.

ALL72300 ..... Wide 5 Kit, Wilwood, Winters

ALL72311\*.... Wide 5 Low Drag Kit, Wil-

wood, 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 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.

# Timken Wheel Bearing Grease







**ALL78240** ..... 14 Oz. Cartridge Standard **ALL78241** ..... 16 Oz. Tub Standard

ALL78242 ..... 14 Oz. Cartridge High Temp. Synthetic

# **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 <sup>†</sup>	_





# 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.

ALL72305<sup>†</sup> .... GM Intermediate Metric, 1979-81 ALL72306<sup>‡</sup> .... 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.

# 1 Ton Wheel Bearing Kits

Kits contain all components to install one hub assembly including a hub seal, inner bearing, inner race, outer bearing and outer race. REM finished bearings and races feature a special polished finish for reduced drag over standard bearing/race combinations

**ALL72313** ..... Kit with Standard Bearings **ALL72314** ..... Kit with REM Finished Bearings

**ALL72176** ..... Spindle Lock Nut Kit **ALL10114** ..... Spindle Nut Sockets



ALL72305



#### **Bearing Spacers**

Spacers fit between inner and outer bearings. Prevent overtightening and consistently set bearing pre-load while reducing bearing drag.
US Patent No. 6,312,162.



**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)



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	_

#### Spindle Nut Sockets

Aluminum hex style spindle nut socket features a 1/2" drive for use with a ratchet.



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 ALL10114..... 2-5/8" Spindle Nut Socket For 1-Ton Hubs





#### Brian Campbell

#### **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.



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)

2.5" pin kit for AFCO, Winters and SCP 5x5 GN hubs includes a retaining nut, tabbed washer and a tabbed locking ring with locking screws. Retaining nut has 2-3/8"-18 RH threads.



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.

**ALL72164** ..... GM Metric Hub, 2-3/32" O.D. **ALL72165** ..... Ford Hub, 1-25/32" O.D.





#### **Ford 9" Floater Housings**

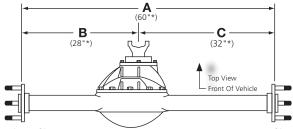


Housings are jig welded for correct alignment using all new components including a fabricated center section, new 3" O.D. x 3/16" wall axle tubes and include a vent fitting, carrier mounting studs, fill and drain plugs. Note: Axles are sold separately.

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	_

#### **TECH TIP**

#### **Housing Measuring Diagram**



Driver's Side Passenger's Side Example: Bare housing ALL68702 is 60" from hub face to hub face and the pinion is located 2" to the left of the housing centerline 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.



with all new components. The center section is centered, so the pinion yoke is offset approximately 1" to the right allowing for symmetric tube bracketry on each side. Housing includes vent, carrier studs and axle bearing retainer t-bolts. Tube diameter is 3" with 3/16" wall thickness and features large bearing Late/Torino style ends. Axles sold separately

Part No.	Axle Housing Width	Axle Housing Width w/ Axle*
ALL68830	51"	56"
ALL68832	53"	58"
ALL68834	55"	60"

\*Width measurements are from axle flange to axle flange when using axles with a 2-1/2" offset.

#### **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 Ford or Late/Torino style ends. All housings feature new fabricated center sections, new 3" O.D. x 3/16" wall axle tubes completely jig-welded for straightness. To order please call and request a special-order form then 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.

ALL68710 ..... Custom Housing Bare
ALL68711 ..... Custom Housing w/GM Metric Mounts

#### **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 sold separately).

# **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.

# Ford 9" Truss Support ALL68330

Weld-on support adds strength to rear axle housing and reduces unwanted flex



during extreme torque. Constructed of 12 gauge (.108") steel. 36" L x 2" W.



### 9" Non Floater Housing Kit **For GM Intermediate Metric Chassis**



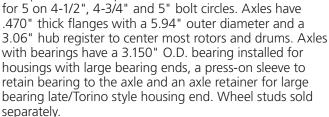
Housing kit fits the 1978-88 GM intermediate chassis. Replace a stock GM 7.5" rear-end with the much stronger Ford 9" style. Kit includes a new fabricated enter section, new axle tubes with large bearing late Ford/ Torino style ends, 31-spline axles with bearings and seals installed, drilled for studs 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.

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 and circle track use. Axles are drilled for .687" press-in style wheel studs and have multiple wheel bolt patterns



**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**

ALL44111 ..... 1/2"-20 Wheel Studs, 5-Pack **ALL44117** ..... 5/8"-18 Wheel Studs, 5-Pack ALL72315 ..... Replacement Axle Bearing

# Ford 9" Housing Ends

Housing ends are welded into 3/16" wall x 3" O.D. axle tubes when building a custom width housing or converting to larger



axles. Ends feature a stepped design with a beveled welding flange to help position flange in tube for easier installation.

ALL68308 ..... Late/Torino Style ALL68309 ..... Early Style

# Ford 9" Axle Bearing Assembly ALL72315

Replacement rear axle bearing used in many Ford car and truck rear ends. Bearing measures 3.150" O.D. to fit into Big Ford housing ends and has an I.D. of 1.565". A seal and press-on retaining sleeve are included.

### 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.



ALL72318

ALL72318 ..... Late/Torino Style ALL72319 ..... Early Style

#### **Ford 9" Axle Retainers**

Retainer bolts to the housing end to retain the axle/bearing into large bearing Ford 9" housings. Steel retainer is 3/16" thick and



designed to fit over axles, eliminating the need to remove bearing from axle.

ALL72316 ..... Late Torino Style (3/8" Fasteners) ALL72317 ..... Early Style (1/2" Fasteners)

### 9" Ford Backing Plate **T-Bolts**

Unique T-head bolts are required to fasten backing plates or brake brackets to Ford 9" housing ends. Kits include bolts, lock washers and nuts. Package of 8.



ALL72042 ..... 3/8"-24 x 1-1/4" (Late/Torino Style) **ALL72043** ..... 1/2"-20 x 1-1/8" (Early Style)



Cole Allers



### 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.



**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**

**ALL72101** ..... O-Rings For ALL72100, 3-Pack **ALL72103** ..... O-Rings For ALL72102, 3-Pack **ALL72105** ..... O-Rings For ALL72104, 3-Pack **ALL72108** ..... Inner Seal

# 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

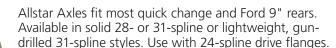
All-in-one T-handle puller threads into axle for easy installation or removal. Tool includes adapters to fit 3/8"-16 coarse or 3/8"-24 fine thread solid axles, and 3/4"-16 fine thr



solid axles, and 3/4"-16 fine thread gun-drilled axles.



#### Axles



Lanusth	20 Culina Calid	24 Culius Cun Duilled	24 Culina Calid
Length	28-Spline Solid	_	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
.0		7.2200.000	7.2230.10.

# 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.

Brett Hearn

<sup>\*</sup>Use with Allstar steel and aluminum axle tubes.



#### **Steel Axle Tubes**

Steel axle tubes have a

3" O.D., a 2-5/8" I.D. and may be shortened.

	Overall Tube	Tube Length To	Axle
Part No.	Length	Inner Bearing	Length
Wide 5	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, Alls	tar, 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

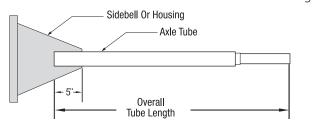
3" O.D. x 2.500" I.D. axle tubes are built from 7075-T6 aluminum and are machined for spool seal ALL72140.

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**

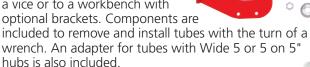
#### **How To Measure Axle Tube Length**

Tube should extend 5" into side bell or aluminum housing.



# 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 ar



**Related Parts** 

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.

ALL68300

**ALL68300**..... Wide 5

ALL68302 ..... 5x5 2" Pin, Allstar, Howe, PCR

ALL68304 ..... 5x5 2-1/2" Pin, RH Thread, Allstar, Afco, Winters



**Brian Shirley** 

. ALL68346



**ALL14355** 

# "Rapid Install" **Quick Change Gear Cover**

The ultimate guick change gear cover! Speed up gear changes and never again waste time due to cover nuts! Unique design holds nuts directly on the billet 6061-T6 aluminum cover.

ALL72064 ..... Frankland And Winters, Standard Bearing ALL72066 ..... DMI Bulldog Rear End



# **Aluminum Quick Change Drain Pan ALL14166**

**Quick Change Gear Case** 

Sturdy composite storage case

protects and holds up to 8 sets

has molded in carrying handles

of quick change gears. Case

and metal hinges. 5" x 8" x 15-1/2" overall when closed.

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.



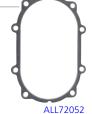
# **Quick Change Cover Nuts ALL72060**

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**

ALL72050 ...... Paper, Single ALL72050-10 ...... Paper, 10-Pack ALL72052 ...... Thick w/ Steel Core, Single **ALL72052-10** ...... Thick w/ 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.

**ALL72074** ..... 8-Bolt **ALL72075** ..... 5-Bolt



# **Quick Change Jack Post Brackets**

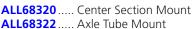
Brackets bolt to quick change rear end, providing a location to jack the car.

ALL68346 ..... Steel Bracket ALL68347 ..... Aluminum Bracket



**OC 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.







**Brandon Overton** 



# **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 (Midget) Gear Set	ALL14352	ALL14352-10

# **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 per-





#### **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





Bearing Kit	Shim Kit	Carrier Type	Application
eneral 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 1964-72
ALL68518	ALL68618	12-Bolt	8.875", Chevy And GMC Truck And Blazer, 1.438" Pinion 1970-98
ALL68519	ALL68619	12-Bolt	8.875", Chevy Hi-Performance Passenger Axle, 1.625" Pinion
hrysler			· · · · · · · · · · · · · · · · · · ·
ALL68532	ALL68631	8-3/4"	489 Casting With 2.000" I.D. Carrier Bearings (Large #9 On Side Of Casting)
ALL68531	ALL68631	8-3/4"	489 Casting With 1.796" I.D. Carrier Bearings (Large #9 On Side Of Casting)
ALL68537	ALL68637	8-3/4"	742 Casting With 1.796" I.D. Carrier Bearings (Large #2 On Side Of Casting)
ord Motor Con	npany		
-	ALL68639	8"	"Pig" Type, 25-Spline Pinion
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
ALL68543	ALL68610	9"	3.250" Carrier Bearing, Daytona 28-Spline Pinion Support, Solid Spacer
ALL68542	ALL68611	9"	3.250" Carrier Bearing, Daytona 28-Spline Pinion Support, Crush Sleeve
ALL68540	-	9"	3.250" Carrier Bearing, MW or Strange 28-Spline Pinion Support, No Spacer Or Crush Sleeve
ALL68541	-	9"	3.250" Carrier Bearing, MW or Strange 35-Spline Pinion Support, No Spacer Or Crush Sleeve
ana			
ALL68533	ALL68633	_	Model 44/1967-1997
ALL68534	ALL68634	_	Model 60 And 61/1966-1998



### **Dial Indicator With Magnetic Base**

#### **ALL96414**

Dial indicator with magnetic base is a necessity when degreeing 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.

ALL96415 ..... Dial Indicator Only ALL96416 ..... Magnetic Base Only

# Digital Calipers 0-6" With Case

#### **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 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.



Cameron McMillen



Terry McMillen

### Ring And Pinion Gear Sets

Quality differential components are suitable for race, street and off-road use. Lapped in matched sets for quiet operation.



Sets fit 10-bolt with 7.5" ring gear, 1.438" diameter pinion stem and 27-spline pinion.

Part No.	Ratio	Tooth	Part No.	Ratio	Tooth
ALL70110*	3.23	42-13	ALL70115 <sup>†</sup>	3.73	41-11
ALL70112*	3.42	41-12	ALL70116*	4.10	41-10
ALL70113 <sup>†</sup>	3.42	41-12	ALL70117 <sup>†</sup>	4.10	41-10
ALL70114*	3.73	41-11	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 ALL 70100 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	Part No.	Ratio	Tooth
ALL70120	3.08	40-13	ALL70126	4.10	41-10
ALL70122	3.42	41-12	ALL70128	4.56	41-9
ALL 7012/	2 72	/11_11			

#### 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	4.33	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.





#### **Spools**

Spools are substantially lighter than conventional cast iron carriers, and lock booth rear axles together to deliver equal power to both rear wheels. Ultra-lite steel spools have more lightening holes and a narrower ring gear flange than standard units to help reduce rotating weight.



#### Ford 9" Steel Spools

**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. **ALL68070** ..... 35-Spline, For 3.250" Case, 7.6 Lbs.

**ALL68072** ..... 35-Spline, For 2.893" Or 3.062" Case, 7.9 Lbs. **ALL68074** ..... 40-Spline, For 3.250" Case, 6.7 Lbs.

#### **Aluminum Spools**

**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 trac-

ALI 68122 ALI 6814

tion to both axles. Mini spools are precisely machined for proper fit and heat treated for durability.

- •1957-87 Ford 9" Rear Ends With 3/4" Cross Pin
- •1981-94 Ford 8.8" Rear Ends With 28-Spline Axles
- •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
- •1965-76 GM 12-Bolt With 8.875" Dia. Ring Gear, 30-Spline Axles

**ALL68121** ..... Ford 9", (Lightweight) 28-Spline **ALL68122** ..... Ford 9", (Lightweight) 31-Spline

ALL68168 ..... Ford 8.8", 28-Spline

ALL68166<sup>‡</sup>.... GM (7.5" Ring Gear), 26-Spline

**ALL68161** ..... GM 10-Bolt (8.5" Ring Gear) **ALL68165** ..... GM 12-Bolt (8.875" Ring Gear)

**ALL68162** ..... GM 10-Bolt (8.2" Ring Gear), 28-Spline **ALL68160** ..... GM 10-Bolt (8.5" Ring Gear), 28-Spline **ALL68164** ..... GM 12-Bolt (8.875" Ring Gear), 30-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 ..... Ford 8.8" And 9" (3/4")

ALL68167 ..... GM 10-Bolt (7.5" Ring Gear)

ALL68163 ..... GM 10-Bolt (8.2" Ring Gear)

**GM Axle C-Clips** 

Replacement C-clips for popular GM 10 and 12-bolt axles. Package of 2.

**ALL66120** ..... 10-Bolt (7.5")

ALL66121 ..... 10-Bolt (8.5") and 12-Bolt (8.875")

# 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.

# SSS

#### Ford 9" Gaskets

Gaskets are precision die-cut to ensure a leak free seal.

ALL72044 ..... Paper

ALL72045 ..... Composite With Steel Core



ALL72044

#### **Absorbent Mats**

A must for the work shop and trailer. These handy absorbent mats have bonded layers, allowing fluid to spread quickly through material.

**ALL12030** ..... 15" x 60" Roll (Perforated Every 10") Universal For All Fluid Types (Oil, Coolant, Water)

**ALL12031**..... 15" x 60" Roll (Perforated Every 10") For Oil Only **ALL12032** ..... 100-Pack (15" x 10" Individual Sheets) Universal For All Fluid Types (Oil, Coolant, Water)

ALL12033..... 100-Pack (15" x 10" Individual Sheets) For Oil Only



Andy Barr



# 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.

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**







Part No.	Spline	<b>U-Joint</b>	Width	Cap Dia.	Material	Length
Ford 9" Yo	kes					
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"	1.125"	Cast Steel	Standard
ALL68377	28	1330	3-5/8"	1.125"	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
<b>Quick Cha</b>	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.

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.

**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.



#### **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**

**ALL69030** ..... 1310 Series **ALL69031** ..... 1330 Series **ALL69032** ..... 1350 Series

#### **U-Joints With Different Cross Widths**

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.



Width = B, Caps = A

#### **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.



		<b>U-Joint</b>				Stud CTC
	U-Bolt	Series	Cap	Thread	"A"	"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 <sup>†</sup>	1-1/8"	5/16"-24	1-7/8"	1.575"
Std.	ALL69016	1350	1-3/16"	3/8"-24	2"	1.625"

<sup>†1330</sup> 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 8 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.

ALL69019 ..... 29.5" ALL69020 ..... 30.5" ALL69022 ..... 31.5" ALL69023 .... 32" ALL69024 .... 32.5"

**Related Parts** 

**ALL69015** ..... U-Bolt Kit **ALL69030** ..... 1310 U-Joint

### 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.

ALL69040 ..... 6" ALL69042 ..... 6-3/4" ALL69044 ..... 7-1/2" ALL69046 ..... 8"

ALL69048 ..... 8" (Extra Clearance)

Hardened

**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.

**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.

# Driveshaft Loop For 1979-2004

#### **Mustangs ALL69006**

Driveshaft safety loop bolts-on to help retain the front of the driveshaft in the event of a U-joint or other drivetrain component breakage. Black epoxy coated, all steel loop includes mounting hardware and complete instructions. Loop is designed to fit inside factory tunnel and work with most driveshafts up to 4" in diameter.

# **Unwelded Driveshaft Loop**

#### **ALL69004**

Δ1169042

AII 69043

4-3/4"

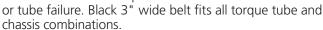
Made from 3/16" flat steel, loop is 9-1/2" tall, 5-1/2" wide with a 16" wide mounting strap that can be cut and welded for each installation.

### 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.

### **Torque Tube Belt ALL10181**

Universal strap keeps torque tube stabilized and centered in case of coupler



# Torque Ball Safety Blanket ALL55220

Fire resistant safety blanket designed by Jason Meyers
Racing protects drivers legs and feet in the event of a U-joint failure. Ballistic nylon covered blanket weighs just 1-1/2 lbs. and has quick release adjustable straps that allow blanket to be removed easily for servicing torque ball and U-joint. Blanket includes two mounting brackets, mounting studs, nuts and installation instructions.

#### **Replacement Parts**

ALL55224 ..... 3/8" Mounting Stud Kit ALL55226 ..... Mounting Tabs, 1-Pair





#### **Drain Pan ALL40112**

Round drain pan has molded in handles and pour spout. Made from chemical and solvent resistant plastic. 13-1/2" x 11" x 4", 7 quart capacity.



#### **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.



#### **Drain Pan ALL14171**

Drain pan with built-in pump holds and refills fluids when changing rear end gears. Molded plastic basin and lid slide together to prevent spilling of fluid. A crank handle is included for hand operation along with a length of straight hex shaft for use with an electric drill. 16" square x 7" tall. 14 quart capacity.

# 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.



# **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

# Fill Line Kit for Transmissions and Rear Ends ALL36148

Kit includes the components to build a fill hose for attaching remote fill tanks with a 10AN outlet to transmission or rear end. Kit includes a 3ft length of flexible braided fabric hose and two 10AN hose ends, one straight 10AN fitting for connecting hose to breather tank and a 90-degree 10AN fitting with a 10AN to 1/2" NPT adapter for attaching to rear end or transmission. Additional adapter fittings may be required and are sold separately.

### **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 1/4" 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.

ALL36110 ..... Fill Tank

ALL36111 ...... Fill Tank With 3/8"NPT Bung

ALL36124 ..... Replacement Cap

### **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.

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.







### **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.

ALL14100	Black
ALL14101	Red
ALL14102	Blue
ALL14103	Orange

ALL14104 ..... Yellow **ALL14105** ..... Gray **ALL14106** ..... Purple

### SFI Mini Roll Bar Padding ALL14112

Mini roll bar padding is ideal for tight areas in a race car when standard padding is too large. Unique, compact design provides driver protec-



tion to a specific area. Peel- and-stick backing for easy installation on 1-1/4" to 1-3/4" tubing. Meets SFI 45.1 specifications. Sold in 3' lengths, black only.

#### SFI Roll Bar Padding

Provides 180° coverage where space concerns are not a problem. Peeland-stick backing for easy installation. Meets SFI 45.1 specifications.



Choose from two sizes, each 3' long, black only.

ALL14110 ..... 1-1/8" To 1-1/2" O.D. Tubing ALL14111 ..... 1-5/8" To 2" O.D. Tubing

# Door Bar Padding **ALL14115**

Closed cell padding adds protection from hard surfaces inside a race car.



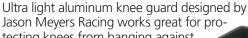
Cover door bars, seat supports, or increase padding in seat for comfort. Sold in 36" x 48" sheets, 3/4" thick.

# **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**

ALL54070 ..... 18" x 26" Steel Plate ALL54071 .... 24" x 24" Steel Plate ALL54072 .... 24" x 36" Steel Plate



**Sprint Knee Guard ALL55230** 

tecting knees from banging against 1/2 box steering gears and provides a comfortable leg support when throttling through corners.

Fire retardant, high-impact, dense rubber padding is covered with self-extinguishing cloth for added safety. Guard fastens to the half box mount (not the box) by drilling and bolting or riveting and is held in place with safety wire or a wire tie.

#### 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**

**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**

**ALL99071** ..... 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.



ALL10221..... 1-1/2" Kit ALL10222 ..... 1-3/4" Kit **Replacement Parts** 

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

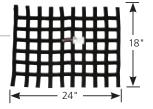






### Loop Style Ribbon Window Nets

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.

**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)



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#### Non-SFI

ALL10294 ..... 18"H x 18"W ALL10298 ..... 18"H x 22"W ALL10299 ..... 18"H x 27"W x 22"W (Angled)

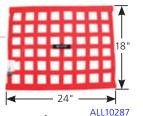
#### **SFI Rated (27.1)**

**ALL10211**...... 18"H x 22"W

ALL10214...... 18"H x 27"W X 22"W (Angled)

# **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

**ALL10248** ..... 10"H x 18"W Black **ALL10249** ..... 14"H x 18"W Black

#### **SFI Rated (27.1)**

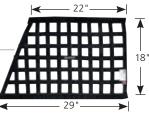
**ALL10280** ..... 18"H x 18"W Black **ALL10285** ..... 18"H x 24"W Black **ALL10286** ..... 18"H x 24"W Blue **ALL10287** ..... 18"H x 24"W Red

#### **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 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.

# Drag Window Net ALL10289

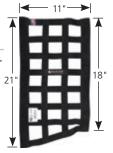
Drag window net with border style mounting attaches to the diagonal door bar of most drag cars. Net meets SFI 27.1 specification and is appropriately tagged. Net has top and bottom



built-in sleeves to accept most round tube window net installation kits including ALL10217 and ALL10219.

# Funny Car Style Window Net ALL10291

Border style window net has built-in vertical sleeves for installing mounting rods to attach net to the chassis. Net is ideal for cages that have been fitted with or updated to funny car style bars around the driver. Net is SFI 27.1 certified.



#### **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.

# **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.





# **Two Point Non-Retractable**

#### **Seat Belts**

Two-point, non-retractable lap belt is manually tightened and mounts to two points on the vehicle floor. Belts feature an easy push-button release and are sold individually. Installation hardware kits sold separately.





#### **Related Parts**

ALL98120 ..... Anchor Plates, 1-Pair ALL98121 ..... Installation Hardware Kit

#### **Three Point Retractable Seat Belts**

Three-point retractable system has three anchoring points, two on the vehicle floor and one on the B-pillar. Belts feature an easy push-button release and are sold each. Installation hardware kits sold separately.

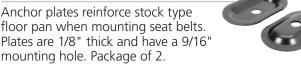
**ALL98115** ..... Black **ALL98116** ..... Gray ALL98117 ..... Charcoal

ALL98118 ..... Tan **Related Parts** 

ALL98120 ..... Anchor Plates, 1-Pair



Anchor plates reinforce stock type floor pan when mounting seat belts. Plates are 1/8" thick and have a 9/16"



# Seat Track **Assembly**

#### **ALL98100**

Mount aftermarket seats quickly and easily. Includes two seat tracks, adjustment handle and hardware.



#### **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 clear rolls of 50 foot 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.

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.

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**

**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**

**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.

#### **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.

**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**

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.

**ALL13020** ..... Silver **ALL13022** ..... Black

L13022 ..... Black

Replacement Parts 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.

ALL99850 ..... Medium ALL99851 ..... Large

ALL99849 ..... X-Large (Short) \*\*

**ALL99852** ..... X-Large ALL99853 ..... XX-Large ALL99862\* ... Custom Size\*

\* Completion of a

Allstar Custom Racing Suit Order Form Required

Custom Racing Suits Available in Red, Blue or Black

\*\* "Short" has 2" shorter arms, legs and torso than standard XL



Aluminum radio boxes have a removable padded insert to absorb vibration and measures 5" tall x 3-3/4" wide x 2-1/2"





ALL10441 AII10443

Small Box - 5" Tall x 3-3/4" Wide x 2-1/2" Deep ALL10439 ..... Flat Mount ALL10441 ..... 1-3/4" Mount

ALL10443 ..... 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.

#### **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.

ALL10475..... 1-1/2" ALL10480 ..... 1-3/4"

ALL10445 ..... Reducer Bushing

1-3/4" To 1-5/8

ALL10482 ..... Replacement Bottle





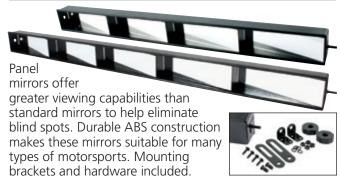
#### **Convex Mirrors**

Convex mirrors have a curved face to view a wider area which is ideal for keeping an eve 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.

**ALL76406**..... 14" x 2-1/2" ALL76407 ..... 17" x 3"

#### **Panel Mirrors**



**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.

# **Swan Neck Mirrors ALL76400**

Beautiful exterior rear view mirrors have a 4" diameter stainless steel head and a 5" long chrome arm. Mounting is blind with one bolt. Sold in pairs.



# 4" Peep Mirrors

### **ALL76401**

Chrome Peep mirrors have a 4" stainless steel head and can be slipped over the top edge of driver and passenger side doors and secured with Allen head screws. Arm pivots 360° to any position and has a crowned end to lock in the desired position. Includes protective rubber pads. Sold in pairs.





AL10513

# Quick Release Fire Extinguisher Bracket

#### **ALL10510**

Bracket keeps fire extinguisher secure and allows quick access by pulling pin. Bracket mounts most 2-1/2 lb. extinguishers with an O.D.

up to 3-1/2" to round tubing with supplied clamps or fastens to a flat panel including trailer or shop walls.

**Quick Release NHRA Fire Extinguisher Brackets** 

NHRA approved bracket keeps fire extinguisher secure and allows quick access by pulling pin.
Bracket mounts most 2-1/2 lb.
extinguishers to 1-1/2"- 1-3/4" round tubing with supplied 3/4" wide stainless t-bolt bands or fastens to a flat panel.

**AL10512**...... Bracket For 3" O.D. Extinguisher **AL10513**...... Bracket For 3-3/8" O.D. Extinguisher



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.

# Sprint Drag Link Tether

#### ALL10252

Keeps drag link tethered to the chassis if it becomes disconnected. Tethering of drag link is required by most sanctioning bodies. 24" L x 1" W, woven nylon.





#### Paulie Colagiovanni

### **Torque Tube Belt**

#### **ALL10181**

Universal strap keeps

torque tube stabilized and centered in case of coupler or tube failure. Black, 3" wide belt fits all torque tube and chassis combinations.

# **Torque Ball Safety Blanket**

#### **ALL55220**

Fire resistant safety blanket designed by Jason Meyers Racing protects drivers legs and feet in the event of a U-joint failure. Ballistic nylon covered blanket weighs just 1-1/2 lbs.

and has quick release adjustable straps that allow blanket to be removed easily for servicing torque ball and U-joint. Blanket includes two mounting brackets, mounting studs, nuts and installation instructions.

#### **Replacement Parts**

ALL55224 ..... 3/8" Mounting Stud Kit ALL55226 ..... Mounting Tabs, 1-Pair

# Engine Diaper

Engine diaper will help contain engine oil and fragments if an engine failure occurs. Increase

safety and reduce the chance of control loss due to debris on the racing surface. Diaper wraps around oil pan and secures

racing surface. Diaper wraps around oil pan and secures to header bolts. Diaper is NHRA approved but is not designed for vehicles that require SFI approved diapers. Diaper features a sewn-in, non-replaceable oil absorbent pad and is 23" long x 12-1/2" high x 12" wide.

### **Replacement Parts**

ALL99043 ..... Replacement Tabs, 4-Pack ALL99347 ..... Replacement Buckle, 1 Set ALL69013 ..... Engine Diaper Pad, 22" x 30"

#### **Transmission Blanket ALL69010**



Contains transmission explosions on high horsepower race cars with stock firewall/floor pan or where a transmission shield isn't practical. NHRA and IHRA approved blanket measures 12" x 47" and meets SFI 4.1 specifications. Includes straps to secure it to most transmissions.



#### Radiator ALL30028

Aluminum radiator with furnace brazed tanks provides superior cooling in sprint applications. Features machined filler neck, 1-1/2" RH bottom outlet and (4) female top outlet ports for use with -10AN O-ring fittings. Radiator uses a smaller diameter cap (not included) such as ALL30124 or ALL30125. 20" wide x 22" tall x 2" thick. 9.7 lbs.

# Cross Flow Radiator (Chassis Mount)

#### **ALL30030**

Aluminum radiator with a unique black thermal coating provides superior cooling! Built-in mounting brackets enable the radiator to be quick-turn fastened directly to frame tabs. Radiator with -10AN O-Ring inlets and 1-1/2" outlet is 20-1/2" wide x 18-1/2" tall (including outlet neck) x 2-3/8" thick core. Recommended radiator cap is ALL30126 (28-32 lbs.) sold separately. Approximate weight, 8.5 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.

# Radiator Air Scoop For Sprint Car

Scoop fastens around a tube or the front crossmember of most chassis to maximize airflow through the radiator, increase cooling efficiency and at the same time, create downforce. Black plastic scoop is a universal design that will fit a variety of cars and the aluminum scoop is designed for most raised rail cars. Scoop is commonly fastened to the chassis with quick turn fasteners.

**ALL23224** ..... Plastic 22" x 11" **ALL23225** ..... Aluminum 22" x 13"

# Flat Front Air Box ALL23226

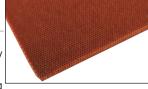
Box fits most sprint cars with 1" raised rail and is fabricated from .080" aluminum. Box measures 9-3/4" left side to 10-3/4" right side, with a total weight of 2.127 lbs.



# **Radiator Honeycomb**

#### **ALL30158**

Honeycomb screen mounts to front of radiator to protect fins/ core from rocks and debris. Secure directly to radiator using



ALL30085 mounting kit, sold separately. 19" x 26" x 1/2" thick.

# **Sprint Car Radiator Rock Screen ALL30163**

Aluminum rock screen helps to protect radiators from heavy rocks and mud. Mounting tabs are integrated into the frame for quick



and easy installation to a front air box. Measures 20-1/2" wide x 12" tall and weighs just under 1 lb. Quick turn springs are included.

**Aluminum Sprint Motor Plates** 



Front motor plates for SB Chevy are offered in one- and two-piece designs. One-piece versions mount using the lower front mounting holes. Two-piece sets use the lower front mount holes and the water pump mounting holes. All plates have 10, 172" center.

the water pump mounting
holes. All plates have 19-1/2" center-to-center
chassis mounting holes. ALL38128 and ALL38145 plates
come with bushings to allow for engine flex and help with
weight transfer.

Part No.	Part No. Description		Thickness
ALL38118	ALL38118 1-Piece Solid Plate		3/8"
ALL38119	1-Piece Solid Plate	Black	3/8"
ALL38128	1-Piece Plate With Bushings*	Black	3/8"
ALL38145	2-Piece Plate With Bushings <sup>†</sup>	Black	3/8"
ALL38130	Universal Mount	Plain	1/4"

\*Has built-in mount for Saldana tank mount bracket OTMB-1. †Designed to work with ALL36092 and ALL36093 tank mounts.

# Sprint Engine Cradle

Cradle bolts to most stock type and aftermarket SB Chevy blocks, including narrow pattern lightweight and standard bell housing



bolt patterns. Slotted front mounts accept most frame width engine mounts. Provisions for standard wheel kits are positioned to support complete engines with attached radiators.



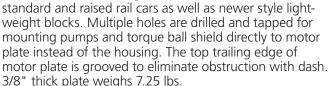
### **Bellhousing Dowel Pins**

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<sup>8152</sup> length pins also help with alignment when installing an engine. Pins fit most GM blocks and are sold in pairs.

ALL38150 ..... Solid Pins ALL38152 ..... Hollow Pins

# **Sprint Rear Motor Plate ALL38126**

CNC-machined aluminum rear motor plate fits standard and raised cam engines,



# Torque Ball Safety Blanket ALL55220

Fire resistant safety blanket designed by Jason Meyers Racing protects drivers legs and feet in the event of a U-joint failure. Ballistic nylon covered blanket weighs just 1-1/2 lbs. and has quick release adjustable straps

and has quick release adjustable straps that allow blanket to be removed easily for servicing torque ball and U-joint. Blanket includes two mounting brackets, mounting studs, nuts and installation instructions.

#### **Replacement Parts**

ALL55224 ..... 3/8" Mounting Stud Kit ALL55226 ..... Mounting Tabs, 1-Pair

#### **Torque Tube Belt ALL10181**

Universal strap keeps torque tube stabilized and centered in case of coupler



or tube failure. Black, 3" wide belt fits all torque tube and chassis combinations.



Rico Abreu

# Positive Cam Lock Shifter

#### **ALL54135**

CNC-machined billet aluminum shifter clamps to the frame on driver's right. Designed for use with live axle shifter quick change. Shifter includes all steel hardware, heavy duty cable, and quick release end.

Replacement Part ALL54142 ..... 43" Long Cable

### **SB Chevy Gear Drive Assembly**

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 drive are complete with cam, crankshaft and idler gears, needle bearing thrust kits, offset degree bushing kit, extralong 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.

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

# **Billet Timing Covers**

Machined billet aluminum timing cover is lightweight, durable and weighs over 1 lb. less than cast aluminum covers. Fits major brand oil pumps. Mounting hardware included.

ALL90080..... Standard Cam ALL90081..... Raised Cam

# Aluminum Cam Seal Plates

Aluminum cam seal plate provides a reliable seal and tight fit.



Part No.	Size	Color	Application
ALL90085	2.103"	Black	GM Small Block
ALL90086	2.253"	Gold	Rodeck Block w/1.875 Roller Cam Bearing
ALL90087	2.310"	Blue	Most Blocks w/50mm Roller Cam Bearing
ALL90088	2.382"	Silver	Dart Small Block, Aluminum
ALL90089	_	_	Replacement Cam Plate Seal



ALL76422

# Sprint Car Dry Sump Tank Mounting Brackets

Mounting brackets are designed to mount 6" diameter tanks to the left front corner of standard small block Chevy engines. Commonly mounted with ALL38145 sprint motor plate, the upper

bracket utilizes the water pump mounting holes and the lower bracket fastens to the early front engine mount mounting hole.

ALL36092 ..... Upper Tank Mount ALL36093 ..... Lower Tank Mount

# **Heating Pads**

High temperature silicone heating pads



\*ALLSTAR

**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.

#### **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.

ALL76415 ..... 4-3/4" Long Heater Element w/3' Long Cord, 400 W ALL76416 ..... 7-1/2" Long Heater Element w/12" Long Cord, 250 W WARNING! Do not plug heater in without being installed in tank and submersed in liquid, element heats up quickly and damage will result.



Corbin Gurley

# **Sprint Car Wash Plug Set**

Aluminum plugs have O-rings for a watertight seal and will keep dirt out of injectors while cleaning sprint car. 4-piece set comes with a nylon storage pouch.



		ALL	26072
Part No.	Size	Wash Plug Dia.	Stack Dia.
Kinsler			
ALL26072	2-1/4"	2.328"	2.335"
ALL26073	2-11/16"	2.762"	2.790"
ALL26074	2-3/4"	2.848"	2.875"
ALL26075	2-13/16"	2.921"	2.950"
ALL26076	2.90"	2.973"	3.00"
Engler			
ALL26033	2-1/2"	2.632"	2.650"
ALL26035	2-13/16"	2.885"	2.905"
ALL26036	2.90"	2.973"	3.00"
ALL26038	3"	3.073"	3.10"
Hilborn			
ALL26032	2-7/16"	2.483"	2.50"

#### **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.

#### **Related Component**

**ALL40322**..... 2-Piece Mounting Bracket for 1-1/8" Tubing)

# **Fuel Pressure Gauge**

#### **ALL40330**

Fuel pressure indicator gauge allows preadjustment of the high speed secondary and main valve opening pressures using a compressed air source. Gauge can be mounted directly to the wall or tool

box. 4-1/2" diameter dial has a 0-160 PSI range.

# **Down Nozzle Filter with Breather Ring ALL40325**

Filters allow excess fuel to evacuate the injection lines once engine is shut down to help prevent fuel from entering the cylinders. Low profile filter design reduces the chance of damage. Package of 8.

#### **Nozzle Plugs ALL40327**

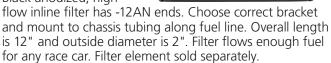
Nozzle plugs take the place of the fuel nozzles when only running one set of injectors. Plugs feature 1/2"-20 threads and include a sealing o-ring. Package of 8.



#### **Inline Fuel Filter Without Element**

#### **ALL40246**

Black anodized, high



ALLSTAR

#### **Related Part**

ALL40222 ..... Stainless Element (63 Micron)

**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**

Brackets mount Allstar inline aluminum fuel filters to round tubing and flat surfaces. Flush mount bracket fastens to flat panels like a frame rail or ALL40235 ALL40229 firewall. A locking set screw holds filter in place. Sold each.

**ALL40229**..... Fits 1-1/4" Tubing **ALL40227**..... Fits 1-3/8" Tubing **ALL40235**..... Flush Mount

# Adjustable Fuel Cell Mounts ALL55112

Slotted mounts replace fixed weld-on brackets and clamp directly to 1-3/8" cross tube. Mounts have 1-1/4" long slots, allowing adjustment often needed to reach insert locations of flexed, ever

changing fuel cell shapes and can be rotated for easy fuel cell mounting. Machined aluminum, black anodized mounts weigh .35 lbs. each. Package of 2.

# Titanium Fastener Kit For Fuel Tank Top Plate ALL17008

Kit includes twelve 1/4"-28 x 7/8" button style socket head fasteners to replace the standard bolts securing the top plate to the bladder on most Fuel Safe and ATL sprint fuel cells. Kit weighs less than 45 grams.

# **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.

ALL18985	Clear Finish,	10-Pack
ALL18985-50	Clear Finish,	50-Pack
ALL18986	Black Finish,	10-Pack
ALL18986-50	Black Finish.	50-Pack

# Coated

# Braided Steel Lines

Black coated braided steel lines have black aluminum ends. Choose #2 or #3 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
6"	ALL48385	ALL48387	ALL48413
9"	ALL48386	ALL48388	ALL48414
12"	ALL48371	ALL48361	ALL48415
15"	ALL48372	ALL48362	ALL48416
18"	ALL48373	ALL48363	ALL48417
21"	ALL48374	ALL48364	ALL48418
24"	ALL48375	ALL48365	ALL48419
30"	ALL48376	ALL48366	ALL48420
36"	ALL48378	ALL48368	ALL48422
48"	ALL48379	ALL48369	ALL48423
60"	ALL48380	ALL48370	ALL48424
73"	ALL48383	ALL48382	ALL48425



Justin Grant

# Quick Disconnect Couplings

2-piece couplings allow lines

to be separated without loss of fluid or requiring 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.

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



# **Adjustable Nose Wing Posts**

Clamp-on style angled aluminum mounts fasten around 1-1/2" torsion bar tubes, providing adjustability to front wing posts.



Part No.	Description	Material
ALL55100	Aero Post LH	Steel
ALL55101	Aero Post RH	Steel
ALL55106	Post Straight, 13" Long	Aluminum
ALL55102	Mount For ALL55100 Aero Post LH	Aluminum
ALL55103	Mount For ALL 55101 Aero Post RH	Aluminum
ALL55107	Mount For ALL55106 Post	Aluminum

# **Fixed Nose Wing Posts**

Fixed posts have a 1" O.D. to fit into pinch clamp spuds welded to torsion bar tubes on most chassis. Bent tubes are angled forward to mount the front wing forward, adding increased down force.



ALL55105 ALL55106 ALL55125 ALL55126

Part No.	Description	Material
ALL55108	Bent, Aero With Round Tube	Steel
ALL55105	Bent	Aluminum
ALL55125	Bent	Titanium
ALL55109	Straight, Aero With Round Tube	Steel
ALL55106	Straight	Aluminum
ALL55126	Straight	Titanium
ALL55110	LH Sideboard Mount	Stainless Steel
ALL55111	RH Sideboard Mount	Stainless Steel

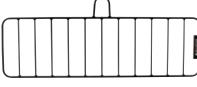
# **Nose Wing Rear Strap**

4130 chrome moly tubular strap mounts from the shock tower to the nose wing side board and will not disrupt air flow. Non-adjustable strap measures 10-3/4" center-to-center with a 5" offset. Sold each.

**ALL55115**..... Plated **ALL55116**..... Black

#### **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.

ALL30165 ..... Sprint Car, 25" Long ALL30166 ..... Mini Sprint, 23-3/4" Long

### **Sprint Stacked Front Bumper**

#### **ALL22300**

Stacked front bumper for improved front end protection is precision bent from steel or aluminum tubing, 1" O.D. steel tubing, 6" tall x 8" long overall x 19-1/4" wide on center. Weighs less than 4 lbs.

# **Titanium Bolt Kit For Nerf Bars And Bumpers ALL17016**

Kit includes twelve 10-32 x 1-1/2" bolts with nylon locking half nuts. Kit includes enough fasteners for bumpers and side nerf bars. Kit weighs less than 50 grams.

# 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.

# **Mud-X Concentrate**

#### **ALL78230**

Mix concentrate with up to ten guarts 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**

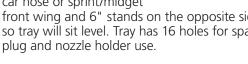
Sprayers are great for applying bulk cleaners, degreasers, solvents, penetrating oils and other lubricants. Sprayer has a capacity of 32 ounces and includes a versatile nozzle adjustable from mist to a fine stream.

**ALL10516.....** Black ALL10518..... Chrome

# **Tool Tray ALL14170**

Tool tray measures 12" x 18" x 3", with hooks on one side to fasten to race car nose or sprint/midget





ALL55130

ALI 55132

ALL55131

ALL55133



# **Nose Wing Wall Mount Brackets**

#### **ALL12214**

Brackets attach to the side of trailer wall to hold a spare sprint car front nose wing safely in place. Powder

coated aluminum brackets feature slotted arms that are fully adjustable to accommodate a variety of nose wing shapes and sizes. Sold in pairs







with retention straps to keep wing secure.

# Wing Caps



Prevent rock and debris from damaging the leading edge of many popular sprint car wings with a protective cap.

ALL23220 ..... Top Wing Cap, 60" Long, High Impact Plastic ALL23222 ..... Front Wing Cap, 36" Long, High Impact Plastic

ALL23221 ..... Top Wing, 60" Long, Carbon Fiber ALL23223 ..... Front Wing, 36" Long, Carbon Fiber

#### Manual Wing Adjuster ALL48004



Manual wing adjuster is for sprint car top wings when rules do not permit the use of hydraulic cylinders. Aluminum slider includes 3/8"-24 steel rod ends and is adjustable from 20" to 32" center-to-center in 1" increments with included 1/4" locking pin. Weighs less than 1 lb.

# **Hydraulic Wing Cylinders**



Strong hydraulic wing cylinders have an aluminum body which houses a steel piston and pushrod assembly. Available in 10" and 12" length.

ALL48000..... 10" ALL48002 ..... 12"

# **Titanium Studs For Wing Cylinders**

Single stud used to mount the wing cylinder to the chassis or wing tree. Stud has 3/8"-24 threads for mounting most cylinders. Mounting nuts not included. Sold each.



**ALL17036**..... 5/16"-24 x 3/8"-24 x 1.640" Stud ALL17038..... 3/8"-24 x 3/8"-24 x 1.600" Stud

# **Sprint Wing Line Kit**

#### **ALL48006**

Kit includes lightweight, coated stainless steel braided lines and aluminum fittings to help simplify plumbing of KSE

Gen2 steering gear and wing cylinder. Kit includes (2) #4 slider lines (22" long and 36" long), (2) #4 pressure and return lines (18" long), (4) 45° 4AN to 1/8"NPT valve fittings, (2) 90° 4AN to 1/8"NPT cylinder fittings and (2) high-flow -3 ORB to -4AN fittings.

### **Top Wing Trees**

Wing trees have an "X" design for lateral and horizontal strength. Available in 16" and 18" tall versions, each tree is adjustable and will extend up to 6" with adjustment holes located at 1" increments. 16" trees are ideal for X wedge cars to keep the back of the top wing lower while providing optimal top wing tilt at high speed tracks. 4130 chrome moly 3/4" x .060" tube construction. Wing trees are 26" wide at the top

and have a min/max bottom width of 25-3/4" to 26-1/2". Adjuster pins not included.

Part No.	Height	Finish
ALL55130	16" (Extends To 22")	Black
ALL55131	16" (Extends To 22")	Plated
ALL55132	18" (Extends To 24")	Black
ALL55133	18" (Extends To 24")	Plated

#### **Related Parts**

ALL17028...... Titanium Adjuster Pins, (1-Pair) ALL55134 ..... Top Wing Tree Slider, Black ALL55135 ..... Top Wing Tree Slider, Plated

### **Titanium Top Wing Pin Kit ALL17028**

Kit includes two pins with locking clips for adjusting wing tree height.



Justin Peck



#### **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.

# **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.

#### **Heel Riser**

Aluminum heel risers are pre-drilled for easy mounting and include a non-skid pad. 4-1/2" wide.

ALL54090 ..... 1" Tall Riser ALL54091 ..... 1-1/2" Tall Riser

#### **Heel Riser Rest ALL54092**

Aluminum bracket is 1" tall and rivets to heel risers to help keep foot in place on the riser.



# **Throttle Pedal Assembly ALL54106**

Rugged aluminum pedal may be mounted to the floor pan or lower frame rail for smooth, safe throttle control. Includes return spring bracket and fasteners.



### **Sprint Car Throttle Pedals**



Pedals fit most sprint chassis with pivot spud welded on frame rail.

ALL54094..... Titanium

**ALL54095**..... 4130 Chrome Moly

#### **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 ALL54150 optional locations for connecting push rods of various lengths. Typically two are required to complete an application. Option holes on each crank are .188" and

ALL54150 ..... Arms Set 75° Apart, 35 Grams ALL54152 ..... Arms Set 70° Apart, 40 Grams

### **Ouick Release Throttle Cable Ends**

spaced 3/8" apart.

Ouick release ends are used when a throttle connection needs to be removed and installed often. Steel housing has a spring loaded release to keep housing secure to pivot ball.

ALL54147 ..... #10-32 With #10-32 And 1/4"-28 Studs ALL54149 ..... 1/4"-28 With 1/4"-28 Stud

#### **Chrome Moly Brake Pedal ALL41033**

Lightweight sprint car brake pedal is fabricated from 1" O.D. x .040" 4130 chrome moly tubing then black powder coated. Pedals provide optimal feel due to a knurled no slip, extra grip foot rest. Universal fit pedal works with most sprint car raised rail chassis. 1-1/2" heel block is recommended for proper heel to pedal spacing.

#### **Titanium Brake Pedals**

High strength titanium brake pedal is manufactured from 1" diameter tubing. Knurled pattern on 5" wide pedal helps keep foot in place. Approximately .55 lbs.

ALL41031 ..... Standard Rail, 17" Long Overall ALL41032 ..... Raised Rail, 16" Long Overall

# **Left Front Caliper Mount**

Machined aluminum mount keeps the caliper true and straight for maximum braking power. Bolts included.

**ALL55070** ..... Mount For 10-7/8" Rotor, Plain ALL55071 ..... Mount For 10-7/8" Rotor, Black ALL55072 ..... Mount For 10-1/8" Rotor, Plain ALL55073 ..... Mount For 10-1/8" Rotor, Black



ALI 54152



#### **Sprint Knee Guard**

#### **ALL55230**

Ultra light aluminum knee guard designed by Jason Meyers Racing works great for protecting knees from banging against half

box steering gears and provides a comfortable leg support when

throttling through corners. Fire retardant, high-impact, dense rubber padding is covered with self-extinguishing cloth for added safety. Guard fastens to the half box mount (not the box) by drilling and bolting or riveting and is held in place with safety wire or a wire tie.

# **Knee Guard Mount**

#### **ALL55232**

Aluminum mount with 2" I.D. fastens around KSE sprint steering box tube to help secure most popular knee guards. Sold each.



#### **Pitman Arms**

Pitman arms for popular 48-spline boxes are manufactured from 2024 aluminum and feature two drag link mounting points with 1/2"-20 threads. Angle broached arms provide the extra offset needed on today's short steering boxes for header clearance.

ALL55030 ..... Black Angle Broach, 15° ALL55031 ..... Clear Angle Broach, 15°

ALL55032 ..... Black Straight ALL55033 ..... Clear Straight

ALL55030

#### **Drag Link/Tie Rod**

1-1/8" sprint car steering rods are made from 4130 chrome moly .065" wall tubing. Rods have 5/8" threads and a tapered threaded end.

Length	Black Powder Coated	Plated
46"	ALL55932-46	ALL55933-46
47"	ALL55932-47	ALL55933-47
48"	ALL55932-48	ALL55933-48
49"	ALL55932-49	ALL55933-49
50"	ALL55932-50	ALL55933-50
51"	ALL55932-51	ALL55933-51

# Drag Link Tether ALL10252

Keeps drag link tethered to the chassis if it becomes disconnected. Tethering of drag link is required by most sanctioning bodies. 24" L x 1" W, woven nylon.



#### Front Axles

Lightweight .095" wall 4130 chrome moly

front axles measure 50" x 2-1/2" with 9° and 12° kingpin angles for excellent driver feel and are precision built for quality and accuracy. Axle king pin bosses are shipped factory reamed for easy installation and also feature

threaded Panhard bar stud and shock mounts. Available in black powder coat or chrome plated.

**ALL55170** ..... Black **ALL55171** ..... Chrome

### **Aluminum Steering Arms**







ALL55060

Arms are strong and solid for rough tracks and fit 3-1/4" spindles. Combo arm has a 1" lead.

Description	Black Finish	Clear Finish
Steering Arm RH	ALL55062	-
Combo Steering Arm LH, Solid	ALL55060	-
Combo Steering Arm LH	ALL55058	ALL55059

# Titanium Steering Stud Kit ALL17026

Kit includes four studs with nylon locking half nuts that thread into steering and pitman arms with 1/2"-20 threads for properly mounting steering links.





**Kyle Cummins** 



# **Aluminum Steering Box Mounts**

Steering mounts are manufactured from 2024 aluminum. Black anodized finished, steering mounts are offered in three versions. Rigid design keeps steering

gear in place.



ALL52114 ..... Mount With Fuel Shut Off For MPD Valves **ALL52115** ..... Mount With Fuel Shut Off For Waterman Valves ALL52116 ..... Long Mount

### **Half Box Steering Gear Mount**

Mount is designed for quick installation and removal of the steering gear box. Three hex cut slots

eliminate the need to remove snap

ring and end cap and allow the steering box to slide easily into place. CNC-machined from 3/8" thick 2024 aluminum for strength, yet only weighs .60 lbs.

ALL52112 ..... Clear **ALL52113** ..... Black

# **Power Steering Lines**

ALL48260 Assembled lines for power steering have -6AN ends and are compatible with high pressure pumps found in today's sprint cars where standard hose and fittings cannot be used. Lines are lightweight yet strong, weighing less than a standard high pressure hose assembly. Plumbing is perfect for connection of KSE steering gear to pump. 13-1/2" long.

ALL48260 ..... Line With Steel Ends And Protective Wrap ALL48261 ..... Line With Aluminum Ends

# **Power Steering Supply Line**

#### **ALL48262**

Gen2 supply line has a 90° -10AN and a straight -10AN aluminum fitting for a precise

fit to the KSE Gen2 steering gear. New style hose is very flexible, and will not collapse under suction. Total overall length including fittings 9".

# **Weld Bung For Sprint Car Seat Belts**

#### **ALL98125**

Bung welds into tubing up to 1-3/8" to convert wrap around style seat belts to bolt-in ratchet style belts. Shoulder allows belt to pivot as needed and accepts 3/8" seat belt mounting hardware.

### **Sprint Aluminum Torsion Arms**

Manufactured from 2024 aluminum. Arms are exceptionally strong and will not flex. Available with black or clear anodized finish.



Description	Black Finish	Clear Finish
Description Front	BIACK FINISH	Clear Finish
Left	ALL55000	ALL55001
Left S-Bend*	ALL55002	ALL55003
Right Clear	ALL55004	ALL55006
Right Angle Broach	ALL55005	ALL55007
Rear		
Left	ALL55010	ALL55011
Right	ALL55012	ALL55013
XP Left**	ALL55034	ALL55035
XP Right**	ALL55036	ALL55037

<sup>\*\*</sup> For use with XP Birdcages Only

#### **HD Billet Rear Torsion Arms**



Heavy duty, billet aluminum arms have a high resistance to twisting, ensuring a straight rear end while eliminating inconsistent spring rates. LR arms are appx. 3.05 lbs. RR arms are appx. 2.90 lbs. Pinch bolt included.

Description	Black	Clear
Left	ALL55014	ALL55015
Right	ALL55016	ALL55017

# **Titanium Pinch Bolt Kit For Torsion Arms And** Pitman Arms ALL17032

Kit includes five bolts to replace standard 3/8"-24 x 1-7/8" hardware found in most torsion and pitman arms. Bolt kit weighs less than 90 grams.





# **Torsion Arm Stops**

Stops are available in 1-3/4" or 2" split and are offered in aluminum, 4340 steel or titanium. Steel stops include a 9/16" bolt and nut. 2024 grade aluminum stops include a grade eight bolt with 5/8"

head and an aluminum jam nut. Titanium stops include a titanium bolt with 5/8" head and an aluminum jam nut.

#### 1-3/4" Split Stops

ALL55020 ..... Aluminum, Black ALL55024 ..... Titanium ALL55028 ..... Steel, Black

#### 2" Split Stops

ALL55022 ..... Aluminum, Black

ALL55025 ..... Titanium

#### **Related Parts**

**Titanium Torsion Arm Stop Bolts With Nut** 

ALL55026 ..... 7/16"-20 With 5/8" Head ALL55027 ..... 7/16"-20 With 9/16" Head

# **Titanium Torsion Arm Stop Adjuster Bolt Kit ALL17034**

Kit includes four 7/16"-20 stop adjuster bolts with 9/16" heads to replace or upgrade standard hardware found in torsion arm stops. Kit weighs less than 80 grams.

# **Torsion Arm Stop Kit**

Kits hold torsion arm and stop in place if pinch bolts loosen or breakage occurs.

ALL10730 ..... Clear **ALL10731.....** Black

# **Torsion Bar Bushings**

Performance tested anti-friction nylon bushings are stepped to minimize binding of the torsion bar. Durable, lightweight material offers increased wearresistance allowing for longer part life, decreased mating component wear and less down time!

**ALL55140**...... Sprint 1-1/8" I.D. For .095" Wall Tubes, Each ALL55140-10.. Sprint 1-1/8" I.D. For .095" Wall Tubes, 10-Pack

ALL55150 ...... Midget, Each **ALL55150-10**.. Midget, 10-Pack ALL55160 ...... Mini Sprint, Each **ALL55160-10**.. Mini Sprint, 10-Pack

# **Shock Bump Rubbers**

Conical shaped 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.

ALL64500 ..... Soft (40 grams) **ALL64501** ..... Medium (50 grams) ALL64502 ..... Hard (55 grams)

### Shock Protectors

Shock protectors add extra protection from rocks and debris to your shock body. 11" tall plastic protector simply snaps onto your shock body. May need to be cut to length. Sold each.

ALL64202 ..... 2" Standard Body Shocks ALL64203 ..... 1-5/8" Small Body Shocks

# **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.

**ALL10720** ..... Short



#### **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.

# **Live Axle Cradle Rollers ALL10723**

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.

**Chassis Dollies ALL10625** 



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.





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# **Aluminum Birdcages**

Single bearing design birdcages have replaceable components and are fitted with grade 8 hardware.





### **XP Aluminum** Birdcages

Center pull birdcages are one of the most innovative cages. XP cages eliminate bind on the

bearing and reduce drag, allowing for better weight and horsepower transfer. Must be used with XP rear torsion arms.

**ALL55038**..... Left **ALL55039** ..... Right

#### **Related Parts**

ALL55034 ..... XP Torsion Arm Left Black ALL55035 ..... XP Torsion Arm Left Clear ALL55036 ..... XP Torsion Arm Right Black ALL55037 ..... XP Torsion Arm Right Clear

# **Non-Wing Aluminum Birdcages**

Non-wing single bearing birdcages have lowered rear arm connection points, replaceable components and are fitted with grade 8 hardware.



**ALL55044**..... Left **ALL55046** ..... Right

### XP, Standard And Non-Wing Birdcage Replacement Components

ALL55050 ..... Brake Mount RR Steel

**ALL55051** ..... Flag

**ALL55052** ..... Spud

**ALL72336** ..... 28mm Bearing ALL55054 ..... Spirolox

ALL55055 ..... Arm Bolt ALL55056 ..... XP Arm Bolt



# **Birdcage Bearings**

Replacement bearings for Allstar birdcages and many other brands.

ALL72336 ..... 28mm Wide ALL72338 ..... 32mm Wide



# **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.



Two-piece spherical rod ends have a pivoting steel ball and are sold each.



Bore x Thread	RH Male	LH Male	Strength		
<b>Pro Series Steel</b>	(Moly) - Black	(			
5/8" x 5/8"-18	ALL58060	ALL58070	18,000 Lbs		
Aluminum – Black					
1/2" x 5/8"-18	ALL58089	ALL58099	15,000 Lbs		

### Thin OD Jam Nuts

Specialty jam nuts have smaller outside diameters, allowing smaller wrenches to be used when changing radius rod lengths. Package of 4.

Thread Size	Wrench Size	Steel Part No.	Alum. Part No.	Black Alum. Part No.
5/8"-18 RH	3/4"	ALL18292	ALL18296	ALL18286
5/8"-18 LH	3/4"	ALL18293	ALL18297	ALL18287

#### **Steel Radius Rods**

7/8" O.D. steel radius rods are .083" wall tubing and have 5/8"-18

ALL57188 ..... 22 ALL57190 ..... 23"

threads.

### Aluminum Radius Rods

1-1/8" diameter aluminum radius rods are built from .156' wall tubing and have 5/8" threads to fit most sprint cars and midgets.

23-1/2"

24"

24-1/2"



#### Titanium Radius Rod Stud Kit ALL17020

ALL56806-235

ALL56806-24

ALL56806-245

Kit includes six 1/2-20 x 3-1/4" long (2" and 1" UHL) double-sided studs that install into the chassis providing a secure mounting point for radius rods in most chassis. Kit includes black plated steel nylon locking half nuts for securing studs and radius rods to chassis.



ALL56807-235

ALL56807-24

ALL56807-245

#### **Individual Components**

ALL17020-1 .. Stud with locking nuts **ALL17048** ..... Black Half Nuts 10pk 1/2"-20



# **Chrome Moly Jacobs Ladders**

Jacobs Ladder is constructed of 4130 chrome moly with aluminum straps. Grade 8 bolts, nyloc nuts, and AN flat washers are included. Approx. 2 lbs.

**ALL55080** ..... 13-1/4" **ALL55081** .... 13-5/8" **ALL55082** .... 14"

**ALL55084**..... 12-1/4" Adjustable **ALL55085**..... 13-1/4" Adjustable **ALL55086**..... 13-5/8" Adjustable **ALL55087**..... 14" Adjustable

Replacement Part ALL55090 ..... Strap



#### **Titanium Jacobs Ladders**

Titanium Jacobs Ladder is completely assembled with aluminum straps, titanium bolts, mechanical lock nuts, and AN flat washers. Titanium ladders are 1/2

lb.+ lighter than 4130 steel ladders and weigh only 1-1/2 lbs.

**ALL55077** ..... 13-1/4" Small **ALL55078** ..... 13-5/8" Medium

Replacement Part ALL55090 ..... Strap



Protect the rear axle from rock chips and other debris. Real carbon fiber cover is strong yet lightweight and

attaches to all Jacobs Ladders with existing bolt or pin (not included).

**ALL55091** ..... 3/8" **ALL55092** ..... 1/2"



#### **Jacobs Ladder Pin Kits**

Pin kits offer a quick option for changing out a Jacobs Ladder. Kits include two 3/8" x 3-3/4" long strap pins, one 3/8" or 1/2" x 1-1/2" long pin for birdcage rod end, 3 clips and two springs that help keep the ladder free.

**ALL55093** ..... 3/8" Steel **ALL55095** ..... 3/8" Titanium **ALL55094\*** ... 1/2" Steel **ALL55096\*** ... 1/2" Titanium

Replacement Parts ALL55097 ..... 3/8" Clip ALL55098 ..... 1/2" Clip ALL55099 ..... Spring

\*Used with Allstar Jacobs Ladders

# Jacobs Ladder Installation Kit

#### **ALL17012**

Installation kit includes a titanium pin kit and strap mounting hardware for quickly changing out a Jacobs Ladder. A 1/2" birdcage rod end pin

for use with most popular Jacobs Ladders is also included.

# Titanium Fastener Kit For Bead Lock ALL17000

Kit includes 16 pieces of 5/16"-18 x 1" long bolts to reduce rotating weight over standard fasteners. These fasteners work with most beadlock wheels and weigh a total of 114 grams.

Note: Kit will not work with Sander Engineering beadlock wheels

# Titanium Fastener Kit For Front Hub ALL17004

Kit includes five 3/8"-16 x 1-1/4" smooth head fasteners with a built-in hex for securing into hub and five shoulder nuts. Fasteners weigh a total of 90 grams.

# Titanium Fastener Kit For Fuel Pump

Kit includes three 1/4"-20 x 1/2" mounting fasteners and one 1/4"-20 x 1" long pinch bolt with an extended head for easy adjustments. Fastener kit fits most Waterman or Kinsler style pumps and weighs less than 15 grams.

# Titanium Fastener Kit For Fuel Tank Top Plate ALL17008

Kit includes twelve 1/4"-28 x 7/8" button style socket head fasteners to replace the standard bolts securing the top plate to the bladder on most Fuel Safe and ATL sprint fuel cells. Kit weighs less than 45 grams.

#### **Titanium Stud Kit For Headers ALL17010**

Kit includes fourteen studs with 3/8"-24 thread on one end, 3/8"-16 thread on the opposite end and 12-point steel shoulder nuts to work with most headers. Overall stud length is appx. 1-1/4". Kit weighs a total of 185 grams.

# Titanium Fastener Kit For Nerf Bars And Bumpers ALL17016

Kit includes twelve #10-32 x 1-1/2" bolts with nylon locking half nuts. Kit includes enough fasteners for bumpers and side nerf bars. Kit weighs less than 50 grams.





# Titanium Shock Stud Kit For Frame Boss And Spuds

Shock stud kits include four studs and nylon locking half nuts to mount shock to chassis or front axle. Studs have 1/2"-20 threads that thread directly into pre-threaded bungs.

ALL17022...... Stud Kit For 1/2"-20 Threaded Bungs ALL17022-1.... Stud w/Nut (Single) For 1/2"-20 Threaded Bung ALL17048...... Black Half Nuts 1/2"-20, 10-Pack

# Titanium Shock Studs For Rear Torsion Arms ALL17024

Shock stud kits include two studs with large support cones and four nylon locking half nuts to mount shock to most rear torsion arms. Studs and nuts weigh less than 50 grams.



# Titanium Steering Stud Kit ALL17026

Kit includes four studs with nylon locking half nuts that thread into steering and pitman arms with 1/2"-20 threads for properly mounting steering links.



#### **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.



# Titanium Pin Kit For Top Wing

#### **ALL17028**

Kit includes two pins with locking clips for adjusting wing tree height.



# **Titanium Studs For Wing Cylinders**

Single stud used to mount the wing cylinder to the chassis or wing tree. Stud has 3/8"-24 threads for mounting most cylinders. Mounting nuts not included. Sold each.



**ALL17036**..... 5/16"-24 x 3/8"-24 x 1.640" Stud **ALL17038**..... 3/8"-24 x 3/8"-24 x 1.600" Stud

# Titanium Stud Kit For Torque Tubes

Kit includes six 3/8"-24 x 3/8"-16 studs with 12 point steel nuts to secure torque tube to rear end housing. Kit weighs about 100 grams.



# Titanium Pinch Bolt Kit For Torsion Arms And Pitman Arms

#### **ALL17032**

Kit includes five bolts to replace standard 3/8"-24 x 1-7/8" hardware found in most torsion and pitman arms. Bolt kit weighs less than 90 grams.

# Titanium Bolt Kit For Torsion Arm Stop Adjuster ALL17034

Kit includes four 7/16"-20 stop adjuster bolts with 9/16" heads to replace or upgrade standard hardware found in torsion arm stops. Kit weighs less than 80 grams.



See Page 116 For Additional Titanium Fasteners.

### **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
QC Gear Tote White	ALL14350	ALL14350-10
QC Gear Tote Black	ALL14351	ALL14351-10
QC Gear Tote Yellow	ALL14352	ALL14352-10
6-Spline (Midget) Gear Set	ALL 14352	ALL 14352-10

# **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.



# **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.



ALL72052



#### Drain Pan ALL40112

Round drain pan has molded-in handles and pour spout. 13-1/2" x 11" x 4", 7 quart capacity.

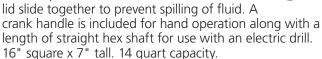


# Aluminum Quick Change Drain Pan ALL14166

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.

# Drain Pan With Pump ALL14171

Drain pan with built-in pump holds and refills fluids when changing rear end gears. Molded plastic basin and



#### **Absorbent Mats**

A must for the workshop and trailer. These handy absorbent mats have bonded layers, allowing fluid to spread quickly through material.

**ALL12030** ...... 15" x 60" Roll (Perforated Every 10") Universal For All

Every 10") Universal For All Fluid Types (Oil, Coolant, Water)

**ALL12031** ...... 15" x 60" Roll (Perforated Every 10") For Oil Only **ALL12032** ..... 100-Pack (15" x 10" Individual Sheets) Universal

For All Fluid Types (Oil, Coolant, Water) **ALL12033** ...... 100-Pack (15" x 10" Individual Sheets) For Oil Only



#### Matt Westfall

# "Rapid Install" Quick Change Gear Cover

The ultimate quick change gear cover! Speed up gear changes and never again waste time due to cover nuts! Unique design holds nuts directly on the billet 6061-T6 aluminum cover.

**ALL72064** ..... Frankland And Winters, Standard Bearing **ALL72066** ..... DMI Bulldog Rear End

### 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**

**ALL72050** ........... Paper **ALL72050-10** ...... Paper, 10-Pack **ALL72052** ....... Thick w/ Steel Core

ALL72052-10 ..... Thick w/ Steel Core, 10pk

#### **Wheel Cover ALL44168**

Wheel cover fastens easily with three quick turn fasteners. For use with 15" Weld wheels. Mounting hardware included.



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 wheels including Weld, Basset

and Aero. Easily convert quick turn style bead lock wheels 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.

# **Sprint Wheel Cover Bolt Kits**

Kit includes 5/16"-28 bolts, 1-3/8" spread aluminum insert plates with steel threaded inserts, e-clips to keep bolts on the wheel cover and rivets. Package of 3.

ALL44265..... Stainless Steel ALL44266..... Titanium

ALL99420 ..... Replacement E-Clips, 12-Pack







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 rounded ends help prevent damage to tire and wheel.

ALL10103...... 24" Straight With Round End ALL10104 ..... 16" Curved With Flat End ALL44037..... 16" Curved With Round End ALL44036..... 9" Curved With Round End

# **Bead Breakers**

Convenient tool makes quick work of breaking down even the most stubborn tire beads.

Durable

steel construc-

tion with rubber hand grips. Clamp the hook and inside jaw against the rim, while maintaining slight pressure on the outside handle, then press down on the inside handle, using the outer jaws to separate the tire from the rim, moving around the rim as needed.



ALL44028

ALL44026..... Bead Breaker for 10" Wheels NEW NEW

ALL10105...... Bead Breaker for 15" Wheels

ALL10106 ..... Bead Breaker for 15" Wheels Wide Jaw\*
ALL44028..... Bead Breaker w/Adjustable Arm for 10", 13"
and 15" Wheels

and 15 Wheels

\*Wide jaw bead breaker works well with soft sidewall tires, helping prevent damage to sidewall.

#### Wheel Wrench ALL10655

Sprint car wheel wrench features a removable sleeve adapter to fit heavy duty and lightweight axles. Six-point socket fits 3" axle hex nuts. Black powder coated aluminum construction.

#### **Wheel Disconnects**

Fit 5/8" dia. valve stem hole for use with center reliefs and Schrader (Fill) valve (ALL44065).

ALL44060..... Plastic, 4-Pack ALL44061..... Plastic, Each ALL44062..... Aluminum, 4-Pack ALL44063..... Aluminum, Each

**Replacement Parts** 

ALL44066..... Sealing Washer, 4-Pack ALL44067..... Grommet, 4-Pack







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 pulling back on 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.

<b>Flat Botton</b>	Flat Bottom Blades, 12-Pack		Round Bottom Blades, 12-Pack	
ALL10780	#3 Blades 3/32"	ALL10790	#1 Blades 1/32"	
ALL10781	#4 Blades 4/32"	ALL10791	#2 Blades 2/32"	
ALL10782	#5 Blades 5/32"	ALL10792	#3 Blades 3/32"	
ALL10783	#6 Blades 6/32"	ALL10793	#4 Blades 4/32"	
ALL10784	#8 Blades 8/32"	ALL10794	#5 Blades 5/32"	
ALL10785	#10 Blades 10/32"	ALL10795	#6 Blades 6/32"	
ALL10786	#12 Blades 12/32"	ALL10796	#8 Blades 8/32"	
ALL10787	#14 Blades 14/32"	ALL10797	#10 Blades 10/32"	
ALL10788	#16 Blades 16/32"	ALL10798	#12 Blades 12/32"	

# **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



are snapped away. Tool heats in 10-15 minutes. 110V plug in operation only.

#### **Replacement Parts**

ALL99104 .... Tension Lever Kit

in place while individual blades

# **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.



ALL48503

ALL48500



### **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.

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**

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.

**ALL48250**..... Pump With Pulley ALL48252\* ... Pump With Pulley For 1/2" Belt

#### **Replacement Part**

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.

# **Power Steering Pump With Pulley And Reservoir ALL48245**

Aluminum 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**

ALL48246 ..... Cap

ALL48247 ..... Tank And Clips **ALL48251** ..... Pulley For ALL48245

#### **V-Belts**

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

ALL86120 ..... 31.5" ALL86123 ..... 41" ALL86121 ..... 34" ALL86124 ..... 42" ALL86122 ..... 39" 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

0000 to the driver's side cylinder head and the block ALL48502 mount locates the pump to the lower driver's side of the block.

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**

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.

ALL48501 ..... Head Mount Kit ALL48503 ..... Block Mount Kit

#### **Replacement Parts**

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 pattern to fit most GM and Ford water pumps. Crank pulley spacers are for small block Chevys. Kits include three shims.



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.



**ALL36136** ..... LH Inlet **ALL36137** ..... RH Inlet

**Economy Power Steering Tank** With Bracket ALL36130

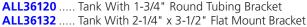
Aluminum tank has no internal baffles and is 8" tall overall by 3" in diameter with a -6AN return fitting on the side and a -10AN fitting on the bottom. A mounting bracket for 1-3/4" round tubing is included.



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.



ALL36121 ..... Tank and Cap Only ALL36124 ..... Replacement Cap Only ALL36122 ..... Round Tube Mounting Bracket ALL36125 ..... Flat Mounting Bracket

### **Power Steering Tank Brackets**







ALL36132

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).

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.

### **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 - O.E. Style Location With Pump Mounted To Front Of Engine

**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.

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

ALL48270-3	3' Long
ALL48270-6	6' Long
ALL48270-10	10' Long
ALL48270-15	15' Long
ALL48270-20	20' Long

#### -10AN Stainless Hose

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)

ALL48271 ..... Straight **ALL48272** ..... 45° **ALL48273** ..... 90°

#### -10AN Hose Ends (Aluminum)

ALL48276 ..... Straight ALL48277 ..... 45° **ALL48278**..... 90° **ALL48279**..... 120°

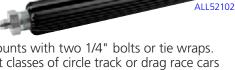


ALL48278

ALL48200

#### **In-Line Oil Cooler**

Cool transmission or power steering fluid



by 30°. Easily mounts with two 1/4" bolts or tie wraps. Suitable for most classes of circle track or drag race cars and even the tow vehicle. Includes -6AN fittings. Cooler is 14-1/2" long and 1-3/4" in diameter.

ALL52100 ..... Clear **ALL52102** ..... Black





#### **Sprint Power Steering Lines**



Assembled lines for power steering have -6AN ends and are compatible with high pressure pumps found in today's sprint cars where standard hose and fittings cannot be used. Lines are lightweight yet strong, weighing less than a standard high pressure hose assembly. Plumbing is perfect for connection of KSE steering gear to pump. 13-1/2" long.

ALL48260 ..... Line With Steel Ends And Protective Wrap ALL48261 ..... Line With Aluminum Ends

**Sprint Power Steering Supply Line** 

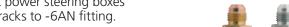
#### **ALL48262**

Gen2 supply line has a 90° -10AN and a straight -10AN aluminum fitting for a precise fit to the KSE Gen2 steering

gear. New style hose is very flexible, and will not collapse under suction. Total overall length including fittings 9".

### **Power Steering Box Fittings**

Allstar fittings convert most power steering boxes ALL48210 ALL48211 ALL48212 ALL48214 and racks to -6AN fitting.



#### **O-Ring Style Fittings**

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**

ALL48215 ..... -6AN Male To 5/8"-18 Fitting ALL48217 ..... -6AN Male To 11/16"-18 Fitting

# **Loading Couplers**

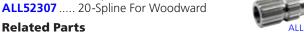
Loading coupler is a combination U-joint and a non-locking steering coupler that slips over the splined end of the steering



ALL48215 ALL48217

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.

ALL52306 ..... 19-Spline For Allstar/Sweet ALL52307 ..... 20-Spline For Woodward



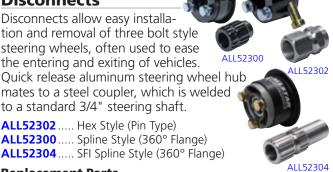
ALL52305 ..... 19-Spline End For Allstar/Sweet Disconnect

### **Steering Wheel Disconnects**

Disconnects allow easy installation and removal of three bolt style steering wheels, often used to ease the entering and exiting of vehicles. Quick release aluminum steering wheel hub

to a standard 3/4" steering shaft. 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! ALL52303 ..... Hex Coupler for ALL52302 ALL52301 ..... Spline Coupler for ALL52300

ALL52305 ..... Spline Coupler for ALL52304 (2" of Spline Area)

ALL52303 ALL52305

#### Steering Wheel Extensions

Aluminum steering wheel extensions fit between steering wheel and guick disconnect so the distance between driver and steering wheel can be adjusted. Includes fasteners.

ALL52310 ..... 1/2" ALL52312 ..... 1" ALL52314 ..... 1-1/2" ALL52316 ..... 2"



### **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 guick 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.



<sup>\*</sup>These are the two most common fittings when O-rings are needed.



#### 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.

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.

**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.



#### 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

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.

ALL52170	Long Assembly 24-1/2", Collapses 7"
ALL52171	Short Assembly 13-1/2", Collapses 3"
ALL52172	Replacement Rubber Boot

#### Related Parts Coupler

**SWE301-30160** .. 3/4"- 20 x 3/4" Smooth

#### **U-Joints**

**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 3/4" -46 3weet spille **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 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



U-Joint

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.

ALL52120 ..... 2-1/2" Long ALL52122 ..... 4" Long ALL52124 ..... 8" Long ALL52126 ..... 10" Long

# 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**

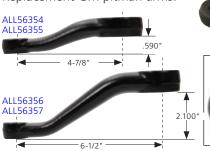
Mounts all popular steering quickeners including AFCO, Coleman and Howe. Bracket has two holes spaced 1-3/4" apart, and may be welded to 1-1/2" or 1-3/4" diameter tubing.





#### **Pitman Arms**

Replacement GM pitman arms.





#### A-Body (Chevelle)

**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.

		Application
ALL56344	K5143	'68-72 Chevelle, '70-72 Monte Carlo
<b>ALL56345</b>	K6187	1978-88 Monte Carlo
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 sanction 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	'68-72
ALL56311	DS808	Buick Century, Regal 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.

**ALL56330** ..... Centerlink, Metric GM '78-88 **ALL56331** ..... Centerlink, Camaro '70-81

Note: some applications may require early style (shorter) Pitman arms.

#### **Replacement Parts**

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		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

Cory Crapser



#### **Tie Rod Ends**

OE replacement parts.



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
ALL55908	ES427R	Outer Tie Rod	11/16"-18 RH Thread x 9" Long	1973-77 Chevelle/Monte Carlo

#### **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 O.E. 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.

ALL57160 8"	<b>ALL57172</b> 14"
<b>ALL57162</b> 9"	<b>ALL57173</b> 14-1/2"
<b>ALL57164</b> 10"	<b>ALL57174</b> 15"
ALL57166 11"	<b>ALL57175</b> 15-1/2"
<b>ALL57167</b> 11-1/2"	<b>ALL57176</b> 16"
<b>ALL57168</b> 12"	<b>ALL57178</b> 17"
<b>ALL57169</b> 12-1/2"	<b>ALL57180</b> 18"
<b>ALL57170</b> 13"	<b>ALL57182</b> 19"
<b>ALL57171</b> 13-1/2"	<b>ALL57184</b> 20

See Page 210 And 211 For Additional Steering/Suspension Tubes.

#### 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.

<b>ALL57008</b> 10"	<b>ALL57018</b> 15"
ALL57010 11"	<b>ALL57019</b> 15-1/2"
<b>ALL57012</b> 12"	<b>ALL57020</b> 16"
<b>ALL57013</b> 12-1/2"	ALL57021 16-1/2"
ALL57014 13"	<b>ALL57022</b> 17"
<b>ALL57015</b> 13-1/2"	<b>ALL57024</b> 18"
ALL57016 14"	<b>ALL57026</b> 19"
<b>ALL57017</b> 14-1/2'	<b>ALL57028</b> 20"

### **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" OD, with 5/8"-18RH threads located on the inside/ center link end and 5/8"-18LH threads on the outer/spindle end. Length stated is overall length of tube.

ALL57040-10	10"	Tube
ALL57040-11	11"	Tube
ALL57040-15	15"	Tube
ALI 57040-16	16"	Tube

# 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 O.E. style 11/16"-18 LH inner tie rod end and a 5/8" RH rod end.

**ALL57302** ..... 9" **ALL57304** ..... 10" **ALL57306** ..... 11" **ALL57308** ..... 12"

# **Tie Rod Adjusting Sleeves**

O.E. 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	
The second of th			



**Rusty Schlenk** 



#### **Taper Reamers**

Repair or enlarge tapered holes to accept tie rod ends or ball joints. Reamer may be used in a drill with a 1/2" chuck by removing the T-handle.

ALL11170 ...... 1-1/2" Per Ft. 7.15° ALL11172 ...... 2" Per Ft. 9.56°

#### **Taper Reamer Specifications For Ball Joints**

<b>Ball Joint</b>	Taper Specs	<b>Ball Joint</b>	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	_	_

#### 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 O.E. style inner tie rod and crossmember.

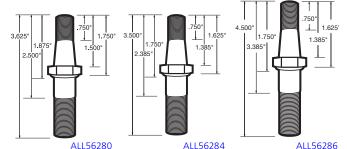


ALL56280

#### **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.





### **Set Up Plates**

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. **ALL10660** ..... 5x5. 7" x 28" ALL10662 ..... Wide 5, 12" x 28"





ALL10660

#### **Bump Steer Kit ALL18600**

Kit includes a 5/8"-18 x 3" bolt and 4 spacers (.100", .200", .300" and .500").



#### **Bump Steer Spacer Kit ALL18601**

Steel spacers have a 5/8" I.D. and are commonly used to space a steering rod end when cor-

recting bump steer. Kit includes 7 spacers, one of each size: .030", .060", .100", .200", .300", .400" and .500".

#### **Individual Spacers (2-Pack)**

ALL18602 ..... .030" ALL18606 ..... .300" ALL18603 ..... .060" ALL18607 ..... .400" ALL18604 ..... .100" ALL18608..... .500" ALL18605 ..... .200"

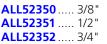
#### **Tie Rod Spacer ALL56288**

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**

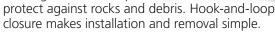
Place aluminum spacers between chassis and rack assembly to help achieve proper front end geometry.



# **Steering Rack Boot Cover**

#### **ALL52345**

Neoprene cover fits most steering racks and helps





#### **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 between plates front and rear. 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.

ALL10117 ..... Standard **ALL10119**..... Deluxe

ALL10117



### Mustang II Spindles

Mustang II/Pinto spindles are direct replacements for stock O.E. 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 features the official IMCA stamp of approval cast into the spindle.

#### **Stock Height Spindles**

ALL56307 ..... Spindles, Pair ALL56308 ..... Spindle LH ALL56309 ..... Spindle RH

ALL56303 ..... Spindle LH IMCA Approved **ALL56304**..... Spindle RH IMCA Approved

#### 2" Dropped Spindles

ALL56305 ..... Spindles, Pair

#### **Related Components**

**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.		Lower B/J Taper	Lower B/J Major Dia.	Common Lower B/J	B/J
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.		Lower B/J Taper	Lower B/J Major Dia.	Common Lower B/J	B/J
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**

**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**

spindle features a separate spindle body with bolt-on caliper bracket and steering arm for easy and affordable repairs. Spindle uses a GM

Modular design 3-piece Mustang II style 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) boltin 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.

ALL55970 ..... LH, 3-Piece Spindle Kit ALL55971 ..... RH, 3-Piece Spindle Kit

#### **Individual Components**

ALL55974 ..... Spindle Body ALL55972 ..... LH Steering Arm ALL55973 ..... RH Steering Arm

ALL55981 ..... LH Brake Bracket ALL55982 ..... RH Brake Bracket

ALL55983 ..... Hardware Kit



**Related Components** 

ALL42083 ..... GM Metric Caliper, RH

**ALL42084**..... GM Metric Caliper, LH 1979-81

ALL42086..... Rotor With 5/8-11 Wheel Studs, 5 On 5" B.C.

**ALL72305**+.... Bearing And Seal Kit 1982-88

ALL42087 ..... Rotor With 12mm-1.50 Wheel Studs, 5 On 4-3/4" B.C.

ALL42088..... Rotor With 5/8-11 Wheel Studs, 5 On 5" B.C. ALL72306‡ ... Bearing And Seal Kit 1979-81

†Bearing For Race Or Cup With A 1.97" O.D. ‡Bearing For Race Or Cup With A 1.78" O.D.

# **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 Hybrid style 10-1/8" rotors. Caliper bracket for GM metric caliper/Hybrid 10-1/8" rotor is sold separately.

ALL55960 ..... Spindle w/ 1-1/2" (.750" Maj. Dia.) Lower B/J Taper ALL55961 ..... Spindle w/ 2" (.830" Maj. Dia.) Lower B/J Taper

#### **Individual Components**

**ALL55963** ..... Bolt Kit ALL55964 ..... Steering Arm ALL55965 ..... Spindle Pin

ALL55966 ..... Spindle Body 1-1/2 " B/J **ALL55967** ..... Spindle Body 2" B/J

#### **Related Components**

ALL55962 ..... Caliper Bracket Kit (1 side) ALL42084..... LH GM Metric Caliper ALL42083 ..... RH GM Metric Caliper

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.

all

ALL72305

**ALL72305**<sup>†</sup> .... GM Intermediate Metric, 1979-81 **ALL72306**<sup>‡</sup> .... 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.



#### **Metric Spindles**

Replacement spindles for 1979-88 GM cars. Sold each.

ALL56318 ..... LH ALL56319 ..... RH

#### **Related Components**

ALL42084..... LH GM Metric Caliper ALL42083..... RH GM Metric Caliper ALL72305<sup>†</sup>.... Master Bearing Kit, 1979-81 ALL72306<sup>‡</sup>.... Master Bearing 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. ‡Bearing For Race Or Cup With A 1.78" O.D.

#### **Brake Rotor 1979-81**

Outer bearing race has a 1.97" O.D.

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.

**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.

# **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**

ALL42135 ..... Left Only ALL42136 ..... Right Only

### **Spindle Slug Tool ALL11182**

Tool easily removes spindle slugs that are pressed into fabricated spindles with a standard wrench or socket.



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.

ALL55976 ..... LH, 3-Piece Spindle Kit ALL55977 ..... RH, 3-Piece Spindle Kit.

#### **Individual Components**

ALL55980 ..... Spindle Body ALL55978 ..... LH Steering Arm ALL55979 ..... RH Steering Arm ALL55981 ..... LH Brake Bracket

ALL55982 ..... RH Brake Bracket ALL55983 ..... Hardware Kit



ALL55976

#### **Related Components**

ALL42083 ..... GM Metric Caliper, RH

**ALL42084**..... GM Metric Caliper, LH 1979-81

ALL42086..... Rotor With 5/8-11 Wheel Studs, 5 On 5" B.C.

ALL72305+.... Bearing And Seal Kit 1982-88

ALL42087..... Rotor With 12mm-1.50 Wheel Studs, 5 On

4-3/4" B.C.

ALL42088..... Rotor With 5/8-11 Wheel Studs, 5 On 5" B.C.

ALL72306‡ ... Bearing And Seal Kit 1979-81

†Bearing For Race Or Cup With A 1.97" O.D. ‡Bearing For Race Or Cup With A 1.78" O.D.

### **Impala Spindles**

Direct replacement OE spindle for the #2 1977-96 Impalas, which is a popular choice on asphalt sportsman and modifieds requiring more brake. Spindle accepts the larger 11-7/8" x .970 rotor with the 5x5 bolt pattern and large GM brake calipers. Spindle also features a 12°

pin inclination and 2" per foot taper upper (K5208) and lower (K6145 or 10277) ball joints.

ALL55988 ..... LH ALL55989 ..... RH

#### **Related Components**

**ALL42081**..... Brake Caliper Big GM RH **ALL42082**..... Brake Caliper Big GM LH





# **Upper Ball Joints**

#### Screw-In

#### ALL56214 (K772)

Most popular upper ball 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 screwin type ball joint is required. (Replaces Moog K772 or AFCO 20034.) 1-1/2" taper per foot.

Note: Actual product may appear different than product pictured.

# **Bolt-In ALL56204** (K6024)

Fits UB Machine style upper control arm where a bolt-in style ball joint is required. (Replaces Moog K6024, TRW 10185, or AFCO 20031.) Outer mounting bolt holes are 2.82" CTC. 1-1/2" taper per foot.

Note: Actual product may appear different than product pictured.

#### **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 Moog K6136, TRW 10269 or AFCO 20032-1). Outer mounting bolt holes are 2.82" CTC. 2" taper per foot.

Note: Actual product may appear different than product pictured.

#### ALL56220 (K5208)

Fits full-size 1971-94 Impala spindles.
Also fits 1971-81 Camaro and 1973-88
Chevelle/Monte Carlo. Replaces Moog
K5208, TRW 10268 or AFCO 20032. Outer
mounting bolt holes are 2-1/2" CTC. 2" taper
per foot.

Note: Actual product may appear different than product pictured.

# **Steel Upper Ball Joint Wrench ALL11190**

Easily remove and install small body (ALL56214) Chrysler ball joints.

# **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 Parts**

ALL11175 ...... 1" Extensions (Set of two)



### **Lower Ball Joints**

#### **Screw-In**

#### ALL56216 (K727)

Fits Lefthander chassis style lower control arm or where a large screw-in type ball joint is required. (Replaces - Moog K727 or AFCO 20036). 1-1/2" taper per foot.

Note: Actual product may appear different than product pictured.

#### ALL56217 (K719)

Compatible with stock lower control arms modified with UB Machine UBM40-3303 weld-in threaded sleeve. (Replaces - Moog K719). 1-1/2" taper per foot.

Note: Actual product may appear different than product pictured.



#### ALL56206 (K6141)

Ball joint fits most tubular lower CT 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 (K5103)**

Weld-in lower joint fits 1964-72 Chevelle and 1967-69 Camaro, control arms and spindle. Base O.D. is 2.015" (replaces Moog K5103, TRW 10197, or AFCO 20033). 1-1/2" taper per foot.

Note: Actual product may appear different than product pictured.

#### **ALL56212 (K6117)**

Weld-in 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 - Moog K6117, TRW 10264 or AFCO 20038-1). 2" taper per foot.

Note: Actual product may appear different than product pictured.

#### ALL56218 (K6145) (10277)

Fits popular full-size 1977-96 Impala spindles. Also fits 1971-81 Camaro and 1973-88 Chevelle/Malibu. Base O.D. is 2.090" (replaces - Moog K6145, TRW 10277 or AFCO 20039). 2" taper per foot.

Note: Actual product may appear different than product pictured.







ALL56260

# 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.

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** 

**ALL56262** ..... Stud For ALL56260, ALL56261 And ALL56267

ALL56267

**ALL56266** ..... Stud For ALL56264 And ALL56265 **ALL99098** ..... Replacement Mono Ball Bearing 5/8"

### Adjustable Lower Ball Joints

Replace standard ball joint with an adjustable mono-ball style lower ball joint. Includes adapter sleeve, ball, adjuster bushings, stud and nut.

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**

**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

#### **Ball Joint Sleeves**

Steel sleeves allow custom fabrication of control arms.

**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)

# **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/K5103), 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.

#### **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.



#### **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.

**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
<b>Ball Joint</b>		<b>Ball Joint</b>	
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.	_	_







Chris Madden



# **Non-Take-Apart Low Friction 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 as these are non-serviceable. For Off-road use only.



#### **Upper Ball Joints**

						Repl. Pin	Take-Apart
Part No.	Style	Size	Pin Length	Taper	Reference	Only	Style
ALL56010	Screw-In	Small	Standard	1-1/2"	K772	-	ALL56800
ALL56011	Screw-In	Small	1/2" Longer	1-1/2"	K772	-	ALL56801
ALL56012	Screw-In	Small	1" Longer	1-1/2"	K772	-	ALL56012
ALL56008	Screw-In	Small	1-1/2" Longer	1-1/2"	K772	-	-
ALL56009	Screw-In	Small	2" Longer	1-1/2"	K772	-	-
ALL56014	Bolt-In	Large	Standard	1-1/2"	K6024	-	-
ALL56015	Bolt-In	Large	3/8" Longer	1-1/2"	K6136	-	-
ALL56018	Bolt-In	Small	Standard	2"	K5208	-	-
ALL56019	Bolt-In	Small	1/2" Longer	2"	K5208	-	-
ALL56020	Bolt-In	Small	1" Longer	2"	K5208	-	-

#### **Lower Ball Joints**

Part No.	Style	Size	Pin Length	Taper	Reference	Repl. Pin Only	Take-Apart Style
ALL56030	Screw-In	Large	Standard	1-1/2"	K727	- 1	ALL56805
ALL56031	Screw-In	Large	1/2" Longer	1-1/2"	K727	-	ALL56806
ALL56034	Screw-In	Large	Standard	2"	K727 w/ K6141 Pin	-	ALL56810
ALL56035	Screw-In	Large	1/2" Longer	2"	K727 w/ K6141 Pin	-	ALL56811
ALL56049†	Screw-In	Large	Standard	2"	K772 w/ K727 Pin	-	ALL56815†
ALL56050†	Screw-In	Large	1/2" Longer	2"	K772 w/ K727 Pin	-	ALL56816†
ALL56051†	Screw-In	Large	1" Longer	2"	K772 w/ K727 Pin	-	ALL56817†
ALL56042	Press-In	Chevelle	Standard	1-1/2"	K5103	-	-
ALL56027	Press-In	Chevelle	Standard	2"	K5103 w/ K6141 Pin	-	ALL56820
ALL56028	Press-In	Chevelle	1/2" Longer	2"	K5103 w/ K6141 Pin	-	ALL56821
ALL56029	Press-In	Chevelle	1" Longer	2"	K5103 w/ K6141 Pin	-	ALL56822
ALL56044	Press-In	-	Standard	2"	K6117	-	-
ALL56046	Press-In	-	Standard	2"	K6145	-	-
ALL56047	Press-In	-	1/2" Longer	2"	K6145	-	-
ALL56048	Press-In	-	1" Longer	2"	K6145	-	-

†Commonly used with ALL56256 ball joint adapter sleeve.





Rick Eckert Tanner English



### **Take-Apart Low Friction Ball Joints**

Low friction serviceable ball joints are the same great quality you have come to expect from our original low friction ball joints with the ability to exchange pins to adjust roll center or make repairs. For Off-road use only.



# **Upper Ball Joints**



							Take-Apart
Part No.	Style	Size	Pin Length	Taper	Reference	Repl. Pin Only	Style
ALL56810	Screw-In	Small	Std	1.5"	K772	ALL56840	ALL56010
ALL56811	Screw-In	Small	1/2"	1.5"	K772	ALL56841	ALL56011
ALL56812	Screw-In	Small	1"	1.5"	K772	ALL56842	ALL56012

# Lower Ball Joints



Part No.	Style	Size	Pin Length	Taper	Reference	Repl. Pin Only	Take-Apart Style
ALL56815	Screw-In	Large	Std	1.5"	K727	ALL56845	ALL56030
ALL56816	Screw-In	Large	1/2"	1.5"	K727	ALL56846	ALL56031
ALL56820	Screw-In	Large	Std	2"	K727 w/ K6141 Pin	ALL56850	ALL56034
ALL56821	Screw-In	Large	1/2"	2"	K727 w/ K6141 Pin	ALL56851	ALL56035
ALL56822	Screw-In	Large	1"	2"	K727 w/ K6141 Pin	ALL56852	-
ALL56825†	Screw-In	Small	Std	2"	K772 w/ K6141 Pin	ALL56850	ALL56049†
ALL56826†	Screw-In	Small	1/2"	2"	K772 w/ K6141 Pin	ALL56851	ALL56050†
ALL56827†	Screw-In	Small	1"	2"	K772 w/ K6141 Pin	ALL56852	ALL56051†
ALL56830	Press-In	Chevelle	Std	2"	K5103 w/ K6141 Pin	ALL56850	ALL56027
ALL56831	Press-In	Chevelle	1/2"	2"	K5103 w/ K6141 Pin	ALL56851	ALL56028
ALL56832	Press-In	Chevelle	1"	2"	K5103 w/ K6141 Pin	ALL56852	ALL56029

<sup>†</sup>Commonly used with ALL56256 ball joint adapter sleeve.

# Straight Pin Take-Apart Low Friction Ball Joints

Low friction straight pin ball joints are designed to fit spindles with straight-through 3/4" mounting holes. Straight pin design allows height adjustment by relocating the shim stack for more accurate and precise changes versus changing out entire pin. For Off-road use only.

Note: Machining of most standard spindles from tapered to straight through mounting holes is required for use with this style ball joint.

Part No.	Style	Size	Housing Ref.	Adj Range
ALL56871	Screw-In	Small	K772	Std to 1" Pin
ALL56872	Screw-In	Small	K772	1" to 2" Pin
ALL56875	Screw-In	Large	K727	Std to 1" Pin
ALL56876	Screw-In	Large	K727	1" to 2" Pin
ALL56878	Press-In	Chevelle	K5103	Std to 1" Pin
ALL56879	Press-In	Chevelle	K5103	1" to 2" Pin

# **Individual Components**

Housings

ALL56880 ..... Small Screw-In Housing (K772) ALL56881 ..... Large Screw-In Housing (K727) ALL56882 ..... Chevelle Press-In Housing (K5103)

ALL56885 ..... Standard to 1" Pin ALL56886 ..... 1" to 2" Pin

Hardware

**ALL56890**..... Shim Kit ALL56892 ..... Housing Cap









ALL56865

ALL56876

www.allstarperformance.com



### **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"



ALL57906

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 Alum. Shaft	Bolt-In Steel Shaft	Screw-In 10° Alum. Shaft	Screw-In 10° 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 Midsize 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 ALL57990 and greaseable pivot points for easy maintenance.

#### Control Arms for ALL56220 (K5208) Ball Joint

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

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



ALL57831

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.

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

#### **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.

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, one LH and one RH.



**ALL56198** ..... 5/8"-18 RH Male/LH Female, 4" Long **ALL56199** ..... 5/8"-18 LH Male/RH Female, 4" Long

#### **Steel Clevises**





Clevises are commonly used with a ball joint holder when building upper control arm or with strut style lower control arm when attaching suspension tube for a strut rod.

**ALL56192** ..... 3/4"-16 RH Thread Clevis with 1/2" Holes **ALL56194** ..... 5/8"-18 RH Thread Clevis with 3/8" Holes



# Upper Control Arm Mounting Bracket ALL60190

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



#### **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.

**ALL60200**..... 1/16" (0.062") **ALL60201**..... 1/8" (0.125")

### 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.

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")

ALL60205

**ALL60209** ..... 1" (1.00") **ALL60210** ..... 7-Piece Kit, Includes ALL60203-60209 (1 of each)

# 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**

ALL60080	. Cent	ered Bushings (Pair)
ALL60081	. 1/8"	Offset Bushings (Pair)
ALL60082	. 1/4"	Offset Bushings (Pair)
ALL60083	. 3/8"	Offset Bushings (Pair)
A1160084	1/2"	Offset Bushings (Pair)

#### **Individual Components**

ALL60078	Slotted Upper Brackets (Pair)
ALL18612	Reducer Spacers For 5/8" Rod End
ALL16490	Hex Head Bolts 1/2"-20 x 3", Grade 5, 5-Pack
	J T ack

ALL16074-10 ...... Thin Nyloc Insert Nuts 1/2"-20, 10-Pack

# 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.



### Lightweight, Low Friction Lower Control Arm Bushings

Designed specifically for racing these bushings feature a lightweight housing with 2 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 ALL56227 ..... Front ALL56229 ..... Rear Metric 1978 - 1988 ALL56228 .... Front ALL56229 ..... Rear



#### **Steel Control Arm Bushings**

Allstar Steel Control Arm Bushings replace stock rubber bushings and eliminate deflection, a common problem with original equipment bushings.



ALL56228

#### **Lower Control Arm Bushing Applications**

Part No.	<b>Application</b>	<b>Bushing Position</b>	O.D.	UHL	Hole Size			
Chevelle	Chevelle, Monte Carlo, GM Intermediates							
ALL56230	1964-66	Front (2nd Design)	1.345"	2.100"	.500"			
ALL30230	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"			
ALL30232	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"			
ALLJ0232	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.	<b>Application</b>	<b>Bushing Position</b>	O.D.	UHL	<b>Hole Size</b>	
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,	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"	



# **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.





Part No.	Application	<b>Bushing Position</b>	O.D.	UHL	Hole Size	
Chevelle, Monte Carlo, GM Intermediates						
ALL56221	1964-66	Front (2nd Design)	1.345"	2.100"	.500"	
ALL30221	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"	
ALLOUZZZ	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"	
ALL56222	1975-81	Front	1.645"	2.100"	.500"	
ALLSOZZZ	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**

ALL99250 ..... Thrust Bearing Set



(Optional bushings to replace roller bearings when



#### 1978-88 Metric Front **Lower Control Arms**

Reproduction of the originals, these new arms are a direct replacement for 1978-88 metric chassis and accept stock ball joints.





### 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.

ALL57800 ..... RH **ALL57801** ..... LH ALL57802 ..... RH Deluxe ALL57803 ..... LH Deluxe

#### **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/K5103) 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 will require welding or bolting onto the 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/K6117)

ALL57810 ..... RH ALL57811 ..... LH

**Screw-In Ball Joint Control Arms** (Use ALL56216/K727)

**ALL57812** ..... RH

ALL57814 ..... RH 1" Longer

ALL57813 ..... LH

**Related Part** 

ALL56322 ..... '68-72 Chevelle A-arm Spacer Kit, 4-Pieces

ALL56106

ALL56095



# 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/K6117)

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**

**ALL56322** ..... '68-72 Chevelle A-arm Spacer Kit, 4-Pieces

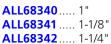


ALL56326 ..... Spring Ramp (Helix)

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. Aluminum Clamps are double shear style and accept 5/16" hardware.



#### **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.



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.



**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

#### Coarse Thread Weight Jack Bolts

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

**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

**ALL56094**..... 4" Steel **ALL56095**..... 6" Steel **ALL56066**..... 8" Steel **ALL56067**..... 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



ALL56068 ALL56110 ALL99052

### Jam Nuts For Jack Bolts

Steel jam nuts for jack bolts

**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

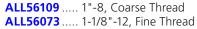
# **Weight Jack Bolt Collars**

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

**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.



# 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".



ALL56073

# **Coarse Thread Nut With Sleeve ALL56111**

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





# 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.

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.

**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.



### 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.



#### "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.

### **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.

**ALL56077** ..... Spring Top Plate For 5" Spring **ALL56078** ..... Spring Top Plate For 5-1/2" Spring

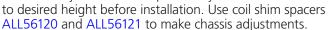
ALL56086 .... 3-1/4" Spring Sleeve ALL56087 .... 3-1/2" Spring Sleeve ALL56088 .... 3-3/4" Spring Sleeve ALL56089 .... 4" Spring Sleeve ALL56085 .... 4-1/4" Spring Sleeve



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



# **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.



**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





ALL56118 ALL56119

street stock and other race cars that are not allowed to use weight jack bolts.

ALL56118 ..... All Steel Adjuster

ALL56119..... Steel Sleeve With Alum. Adj. Nut



#### **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 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**

**ALL18266......** Lock Nut For ALL56100-56102 **ALL56072.....** Weld Nut For ALL56070-56071



# Adjustable Sway Bar Bolt Kit

#### **ALL56103**

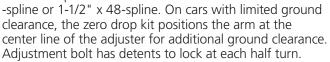
Kit includes a 3-5/8" long sleeve that welds into frame rail with a locking collar to prevent movement. Adjustment bolt has 4" of travel and adjusts with a 1/2" square drive ratchet. Inside eye diameter 1-1/2".

#### **Replacement Part**

ALL99020 ..... Adjuster Bolt With Eye End

# 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



		Complete	Adjuster	Side Plate
Description	Spline	Assemebly	Assembly	Only
RH 30 Degree Drop	1-1/4" x 49	ALL56380	ALL99470	ALL99471
RH 30 Degree Drop	1-1/2" x 48	ALL56381	ALL99472	ALL99473
RH Zero Drop	1-1/4" x 49	ALL56382	ALL99474	ALL99475
RH Zero Drop	1-1/2" x 48	ALL56383	ALL99476	ALL99477



#### Andy Bozell

ALL56380

ALL56382

#### **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



#### 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.

ALL60094..... Kit For Use With 2-1/2" Spring

ALL60095 ..... Kit For Use With 3" Barrel or 5" Springs



# 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

features an aluminum bracket that rivets to the frame with an adjustable 4" plastic wear rod.



ALL10726..... Wear Rods, 4-Pack



Phil Bozell

# ALLSTAR' PERFORMANCE

# Quick Adjust External Bump Stop Kit

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 engagement 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)

ALL56361 ..... Bump Stop w/ Bushings ALL56360 ..... Bump Stop w/o Bushings

# 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 hairpin clip such as ALL18442, sold separately.

**ALL12212**..... Standard Rack **ALL12211**..... Adjustable Base Rack

# **Extended Length Shock Rack Pin**

**ALL12215** 

Extended length pin replaces the pin used on our standard and adjustable shock racks allowing a shock or eliminator with a 5" spring to be mounted to

the rack. Pins are also ideal for creating custom mounting for use on toolboxes or pit carts. The outer o-ring may be removed to expose a predrilled hole for a hairpin clip such as ALL18442, sold separately.

### **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 Workstation ALL64264

The all-in-one shock workstation holds most shock bodies in the upright position for ease of shaft removal or assembly and holds shock shafts vertical or horizontal for easier repairs and re-valving. Aluminum workstation can be placed in a vise, bench mounted using optional mounting bracket or custom mounted using 1/4" fasteners.

#### **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.





Tyler Courtney



# 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.

<b>Bump Stop Pucks</b>	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.





# **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.

**ALL64216** ..... 10" Tall Cover **ALL64218** ..... 14" Tall Cover

# 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.

<b>Bump Stop Pucks</b>	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" I.D. 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.



**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.



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



ALL64277



# Roller Skate Wheel Bump Stops

Poly bump stops are 1" tall with a 5/8" diameter hole.

**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.

**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.

	Cup Step OD "B"					
Shaft Sz. "A"	1.160"	1.200"	1.280"			
14mm	ALL64348	ALL64349	ALL64350			
1/2"	ALL64352	ALL64353	ALL64354			
16mm, 5/8"	ALL64356	ALL64357	ALL64358			

# Digital Bump Stop Gap Tool ALL96412

This tool allows you to measure the gap in your bump set up with your car on the ground. Slide over the shock shaft and adjust between the shock end cap and your bump rubber or shim. Also works well in the shop when setting up multiple combinations with the same gap. For use in non-coilover applications.



#### **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.

Size	Starter Kit	Standard Kit	Deluxe Kit
14mm	ALL64400	ALL64402	ALL64404
16mm	ALL64440	ALL64442	ALL64444

#### **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.

### **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.



**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. **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



ALL64416

set-up or to take up a large amount of travel.						
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 guick and easy spring changes. Kits are for 2-1/2" coilover springs and are designed for use with 2" steel bodied shocks unless specified.



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
Integra					
(Avenger) Kit With 7" Sleeve	ALL64158	-	_	-	ALL64180
Kit For Aluminum Threaded Body	ALL64157	_	_	_	-
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**

**ALL64182** ..... 2-1/5" C/O Diaper Pin ALL64183 ..... Snap Ring Flat (Koni) ALL64184 ..... Snap Ring Round ALL64186 ..... Snap Ring (Fox)









#### 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.



# **Shock Extensions**

Steel extensions fasten directly to shock shaft for added suspension travel. Sold each.

#### M12-1.0 Thread (Bilstein)

ALL60096.... 1" Extension ALL60097 .... 2" Extension

#### 7/16"-20 Thread (Fox)

**ALL60098**.... 1" Extension ALL60099 .... 2" Extension











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.

ALL64195 ..... 1" Spacer ALL64196 ..... 2" Spacer **ALL64197** ..... 3" Spacer



# **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.

**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** 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.

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**

**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

**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**

races.

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 Part**

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.

**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.

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.

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. Easily adjusted with ALL11146 wrench. Not to be used as a suspension limiting device, check maximum travel before use.





#### **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**









**ALL60103** ..... Short **ALL60104** ..... Long

**ALL60112** ..... Long Two Position **ALL60113** ..... Extra Long Three Position

#### **Angle Mount**







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.

ALL60107 ..... One Position ALL60114 ..... Two Position ALL60115 ..... Three Position







#### Flat Mount ALL60106

Bracket mounts to a flat surface or square tubing.



# **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.



# **Shock Bracket Replacement Parts**

ALL99100 ..... Bolt, locknut, and bushing

ALL99101 ..... Bushing only

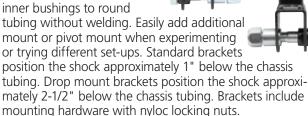


Length	2-Pack	10-Pack	25-Pack
1/4"	ALL64280	ALL64280-10	ALL64280-25
1/2"	ALL64282	ALL64282-10	ALL64282-25
5/8"	ALL64283	ALL64283-10	ALL64283-25
3/4"	ALL64284	ALL64284-10	ALL64284-25



#### Clamp-On Shock Brackets

Clamp-on shock brackets mount standard and coilover shocks with 1/2" I.D. inner bushings to round



Clamp-On	
ALL60220	1-3/4"
ALL60221	1-1/2"
A1160222	1-1/4"

<b>Drop Mount Cl</b>	amp-On
ALL60224	1-3/4"
ALL60225	1-1/2"

#### **Upper Coil-Over Shock Mount Kit**

#### **ALL60230**

Weld-in kit provides a mounting point for rear coil-over shock mounts in tube, boxed or stock frames with up to 48" between frame rails. Great for drag racing and street



applications, kit includes a 48" long, .120" wall x 1-1/2" mild steel tube, reinforced mounting tabs, 2" x 3" end plates and 1/2" hardware.

#### 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.

#### **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.

**ALL60079** ..... 5/8" Hole, 1" Gap **ALL60089** ..... 3/4" Hole, 1-3/16" Gap

#### **Smart Tool ALL10113**

Ensure that chassis tubing is level and plumb when building roll cages or checking driveshaft



angles. Also works on trailing arms and suspension tubes when used with ALL10740 Smart Tool Tray. A "hold" button freezes and unfreezes readings which can be displayed as degrees, percentages, or in./ft. at the push of a button. Plus and minus signs indicate when pitch is more or less than that shown on the display. Pitch reads in 1/8 in./ft. increments. Level emits a "beep" at level and plumb. The tool shuts off automatically if idle for more than six minutes. Powered by a standard 9 volt battery.

#### **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.

**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.

<b>LL60314</b> 3/8" x 3"
LL60318 1/2" x 2"
<b>LL60320</b> 1/2" x 2-1/2"
<b>LL60322</b> 1/2" x 3"
<b>LL60324</b> 1/2" x 3-1/2"
<b>LL60326</b> 5/8" x 2"
<b>LL60328</b> 5/8" x 2-1/2"
<b>LL60330</b> 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** ..... 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.

**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.

ALL56141 ..... Bar With Standard Rod Ends ALL56142 ..... Bar With Aircraft Rod Ends ALL56143 ..... Replacement 3/4"-16 Insert

S Sta



rd Aircraft

Standard Ai Rod End Ro

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.	Drop	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**

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", these 4130 chrome moly rod ends have larger bodies, making them thirty percent stronger than standard 3/4" rod ends. These rod ends are commonly ALL99314 ALL99315 used on Panhard bars and lower strut rods.

**ALL99314** ..... RH Male, 3/4" x 3/4"-16 **ALL99315** ..... RH Female, 3/4" x 3/4"-16

# 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.

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 ALL60167 ALL60163 ALL60165

ALL60240

ALL60245

### 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**

**ALL60240**..... For 2" x 2" Tubing **ALL60244**..... For 1-1/2" x 1-1/2" Tubing

**Aluminum Brackets** 

**ALL60243** ..... Straight, 2.5 Lbs., For 2" x 2" Tubing **ALL60245** ..... Angled, 2.0 Lbs., For 2" x 2" Tubing

#### Mini Panhard Bar Clevis

Aluminum clevis clamps to mini sprint and midget chassis providing an adjustable mounting point for a panhard bar. Clevis includes 3/8"



mounting hardware with a reducer bushing for mounting panhard bars with 1/2" rod ends.

**ALL60232** ..... 1-1/8" I.D. **ALL60233** ..... 1-1/4" I.D.

#### **Panhard Bar Clevis**

Black anodized 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.

**ALL60182** ..... 1-1/2" I.D. **ALL60183** ..... 1-3/4" I.D.



Ryan King

# ALLSTAR' PERFORMANCE

#### 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.

ALL60270 ..... Standard Mount Kit ALL60273 ..... Drop Mount Kit

#### **Replacement Items:**

ALL60272 .... Extension Rod With Bushing

ALL60274 ..... Flange Bushing

# 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.

# 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.

ALL60238 ..... For 1-1/2" Tubing, Inside and Outside Mounting

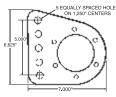
**ALL60239** ..... For 2" Tubing, Inside and Outside Mounting

# Climbing Style Frame Mount Panhard Bar Bracket ALL60247

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. Radiused slot so you don't have to resquare the rear end after adjustments. Aluminum bracket fits 2" x 2" tubing, center/inside mounting.

# 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**

ALL60270

ALL60273

ALI 60239

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**

ALL99112 ..... Stud

ALL99113 ..... Large Spacer ALL99114 ..... Small Spacer

**ALL99115** ..... O-Ring



ALL60285

ALL60287

# **Quick Change Panhard Bar Bracket**

#### **ALL60280**

Bracket has arched, serrated slots for easy adjustment. Designed by Scott Bloomquist.

#### **Replacement Part**

**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.

**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

\*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.



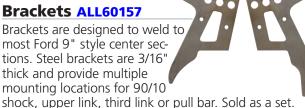
# **Adjustable Panhard Bar Mounting Bracket ALL60185**

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 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



# Ford 9" **Upper Link Brackets**

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



ALL60160 ..... 1" Dia. Holes, Sold In Pairs **ALL60166** ..... 3/4" Dia. Holes, Set Of 2

#### **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 section. 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.



#### **Upper Link Adjustable 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





### **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.

ALL60148 ..... Spacer Kit With Steel Spacers **ALL60158** ..... 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.

ALL60065



**ALL60065**..... Short ALL60066..... Long



# **Third Link Assembly** Without Bushings ALL56390

Designed to increase traction to rear tires, third link assembly uses interchangeable polyurethane bush-

ings (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.

ALL56391 Half Bushing Green, 50 Durometer
ALL56392 Half Bushing Orange, 60 Durometer
ALL56393 Half Bushing Yellow, 70 Durometer
<i>5</i> ,
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.

#### **Replacement Components:**

ALL56164 .... Thru-Bolt ALL56166 ..... Bushings (Each) **ALL56167** ..... End Stud ALL99010 ..... Washer **ALL99011** ..... Barrel **ALL99012** ..... End Cap

#### 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.

**ALL60149** ..... Spacer Kit With Steel Spacers ALL60159 ..... Spacer Kit With Aluminum Spacers



**Todd Sherman** 

#### **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	0.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.

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.



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. Hookand-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.

ALL64204 ..... 3" x 14" **ALL64205**..... 3" x 16" **ALL64206**..... 6" x 7" ALL64207 ..... 6" x 14" ALL64208..... 6" x 16" ALL64209..... 6" x 20"



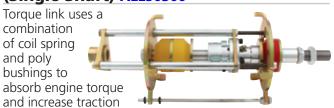


# Spring/Bushing Style Pull Bar (Dual Shaft) ALL56368

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 rods 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



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 rods 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



reduce 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 8lbs. 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 polyure-thane 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.



#### **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.

1 U.D. II	ibes are .095 li	IICK.	
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
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
23"	ALL57090	ALL57190	ALL57290
24"	ALL57092	ALL57192	ALL57292
25"	ALL57094	_	ALL57294
26"	ALL57096	-	_
27"	ALL57098	_	_
28"	ALL57099	-	-

# 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.

<b>ALL57008</b> 10"	<b>ALL57018</b> 15"
ALL57010 11"	<b>ALL57019</b> 15-1/2"
ALL57012 12"	<b>ALL57020</b> 16"
<b>ALL57013</b> 12-1/2"	<b>ALL57021</b> 16-1/2"
<b>ALL57014</b> 13"	<b>ALL57022</b> 17 "
<b>ALL57015</b> 13-1/2"	<b>ALL57024</b> 18"
<b>ALL57016</b> 14"	<b>ALL57026</b> 19"
ALL57017 14-1/2"	<b>ALL57028</b> 20"

#### **Heavy Duty Suspension Tubes**



Heavy duty tubes are built from .160" wall 1026 DOM mild steel tubing for increased durability over standard steel suspension tubes and feature RH and LH threaded ends with a black powder coated finish.

Length	5/8"-18 Thread 7/8" O.D.	3/4"-16 Thread 1" O.D.	Length	5/8"-18 Thread 7/8" O.D.	3/4"-16 Thread 1" O.D.
5"	ALL57344	ALL57444	15-1/2"	ALL57365	_
6"	ALL57346	ALL57446	16"	ALL57366	ALL57466
7"	ALL57348	ALL57448	16-1/2"	ALL57367	_
8"	ALL57350	ALL57450	17"	ALL57368	ALL57468
9"	ALL57352	ALL57452	18"	ALL57370	ALL57470
10"	ALL57354	ALL57454	19"	ALL57372	ALL57472
11"	ALL57356	ALL57456	20"	ALL57374	ALL57474
12"	ALL57358	ALL57458	21"	ALL57376	ALL57476
12-1/2"	ALL57359	_	22"	ALL57378	ALL57478
13"	ALL57360	ALL57460	22-1/2"	_	_
13-1/2"	ALL57361	_	23"	ALL57380	ALL57480
14"	ALL57362	ALL57462	23-1/2"	-	_
14-1/2"	ALL57363	_	24"	ALL57382	ALL57482
15"	ALL57364	ALL57464	25"	ALL57384	ALL57484

### **Threaded Tubing Ends**

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



Thread		Tube End		
Size	<b>Tubing Size</b>	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 <sup>†</sup>
5/8"-18	1-1/4" x .120"	1.010"	ALL22546	ALL22547 <sup>†</sup>
3/4"-16	1-1/4" x .065"	1.120"	ALL22548	ALL22549†
3/4"-16	1-1/4" x .095"	1.060"	ALL22550	ALL22551 <sup>†</sup>
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 driveshaft angles. Powered by a standard 9 volt battery.





#### **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.

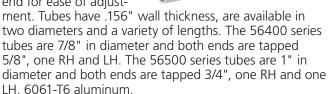
Length	5/8" Thread	3/4" Thread	Length	5/8" Thread	3/4" Thread
3"		ALL56703	21"	ALL56621	ALL56721
4"	-	ALL56704	22"	ALL56622	ALL56722
5"	-	ALL56705	23"	-	ALL56723
6"	-	ALL56706	24"	-	ALL56724
7"	ALL56607	ALL56707	25"	_	ALL56725
8"	ALL56608	ALL56708	26"	_	ALL56726
9"	ALL56609	ALL56709	27"	_	ALL56727
10"	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			

### **Unthreaded 72" Hex Suspension Tubes**

**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 adjust-



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.

**ALL56472** ...... 7/8" O.D. Tube For 5/8" Rod Ends ALL56572 ...... 1" O.D. Tube For 3/4" Rod Ends

#### **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



Shane Clanton



Tyler Bruening



#### **Rod Ends**

Two-piece spherical rod ends have a pivoting steel ball and are sold each.



Bore x Thread	RH Male	LH Male	<b>RH Female</b>	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		
<b>Pro Series Stee</b>	l (Moly) – B	lack				
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		
<b>Pro Series Stee</b>	Pro Series Steel (Moly) – Black (PTFE Lined)					
1/2" x 1/2"-20	ALL58078	ALL58083				
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		

<sup>\*</sup>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%t stronger than standard 3/4" rod ALL99314 ends. These rod ends are commonly used on Panhard bars and lower strut rods.

**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 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.



tSold Each.

ALL99315

#### 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.

**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	Wrench			Black
Size	Size	Steel	Alum.	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

### **Mono Ball Bearings**

Mono balls are commonly used in fabrication of products including J-bars, control arms and trailing arms. Bearings have an external grease ring and orifice which allows the bearing to be installed in custom applications that can be externally lubricated.

**ALL58001** ..... 5/8" **ALL58002** ..... 3/4"



<sup>‡</sup>Commonly used with UBM35-1107, 3/4"-10 jack bolt.



### **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.



<b>Rod End</b>		O.D.	Length	Overall	
Size	I.D.	"A"	"B"	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





ALI 18615

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**

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"



# **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"	A1164284	ALI 64284-10	A1164284-25

#### **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.

Length	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.

away from froots and firewalls. Fackage of 2.					
I.D.	Small O.D.	Large O.D.		Steel	Aluminum
1/4"	.345	.500	1/4"	_	ALL18700
1/4	.343		1/2"	_	ALL18702
5/16"	475	CDE	1/4"	_	ALL18706
5/10	.475	.625	1/2"	_	ALL18708
			1/4"	_	ALL18712
3/8"	.525	.680	1/2"	_	ALL18714
			1"	_	ALL18716
		.995	1/4"	ALL18570	ALL18590
			3/8"	ALL18571	_
1/2	740		1/2"	ALL18572	ALL18592
1/2"	/2" .740		3/4"	ALL18574	ALL18594
			1"	ALL18576	ALL18596
			1-1/2"	ALL18578	ALL18595
		.995	1/4"	ALL18580	ALL18597
			1/2"	ALL18582	ALL18598
5/8"	.825		3/4"	ALL18584	ALL18599
			1"	ALL18586	-
			1-1/2"	ALL18585	_
	.950	1.125	1/2"	ALL18587	_
3/4"			3/4"	ALL18588	_
			1"	ALL18589	_

#### **GM Trailing Arm Rod End Reducer Bushings**

Reducer bushings are used with spherical rod ends to take the place of the OE style trailing arm bushing when building custom or adjustable lower trailing arms on popular GM cars. Bushing size listed is for size of rod end being used and both bushings accept 1/2" mounting hardware.



ALL18790 ..... 5/8" **ALL18792**..... 3/4"



#### 6th Coil Assembly ALL64315

6th Coil Assembly 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 18" long chain which accepts 3/8" hardware, can be easily cut to required length. Accepts a 4" tall by 2-1/2" I.D. coil over spring (sold separately).



# Steel Birdcages With Roller Bearings



#### 5th Coil Mount ALL60218

1-1/2" aluminum bracket bolts in the center of the chassis to mount a 5th coil shock assembly.



#### **QC Lift Bar Brackets**

Brackets mount to quick change rearends and accept most popular lift bars. Package of 2.



ALL68313 ..... Steel Lowers With 5/8" Hole

ALL68314 ..... Steel Lowers w/ 5/8" Hole (3/4" Drop) ALL68315 ..... Steel Lowers With 3/4" Hole

ALL68316 .... Steel Uppers With 5/8" Hole

ALL68317 ..... Aluminum Uppers With 5/8" Hole ALL68318 ..... Aluminum Uppers With 3/4" 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.



cars using four link rear suspension 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 mis-alignment bushings which allow additional radius rod travel to help prevent binding under severe angles. Use with machined axle tubes.

Steel birdcages are compatible with many types of race-

**ALL60404**..... LH With 3.008" Bearing **ALL60406**..... RH With 3.008" Bearing

#### **Replacement Parts**

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

ALL72332 ..... Birdcage Bearing 3.008"

# **Birdcage Bearings**

Replacement bearings for Allstar Performance birdcages and many other brands.





#### **Limit Chain Clamp 2-Piece**

2-Piece clamp bolts around most 3" O.D. axle tubes providing 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.

ALL68336 ..... Steel ALL68337 ..... Aluminum



Tim McCreadie



# 1-Piece Limit Chain Clamps

1-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.



**ALL68332** ..... Steel **ALL68333** ..... Aluminum

# **Retainer Clamps, 2-Piece**

Retainer clamp bolts around most 3"
O.D. axle tubes to keep birdcages, floater brackets, limit chain clamps in position. 2-piece design allows clamp to be installed without removing existing brake bracket and hub.

ALL68338 ..... Steel ALL68339 ..... Aluminum

# Retainer Clamps, 1-Piece

Steel retainer clamp slides over the end of most 3" O.D. axle tubes to keep birdcages,



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 for 3" Axle Tubes

Clamp-on rings fasten around most 3" axle tubes to use as a starting point for building custom trailing arms, shock and spring mounts and many other uses. Ring are constructed using 3/16" wall material and feature a 2pc design for easy installation and removal.

**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.

ALL56075 ..... Replacement Shock End

# **Suspension Limiters**

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.

ALL64300..... Single Bushing Limiter ALL64302..... Dual Bushing Limiter ALL64346..... Bushing for ALL64300 ALL56372..... Bushing for ALL64302

**ALL64305**..... Clevis 1/2"-20 Thread w/ 3/8" Hole **ALL64304**..... Chrome Moly Stud w/ Jam Nut 7/16"-20

#### **Limiter Chain Kit**

Commonly used to limit rear suspension or lift bar travel. Chain is 18" long and 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.

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 attache

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.

**ALL68320** ..... Center Section Mount **ALL68322** ..... Axle Tube Mount



Suspension Tubes See Page 200 ALL68320 ALL68322

# ALLSTAR' PERFORMANCE

# **Center-Pull Birdcage**

#### **ALL60410**

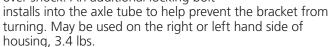
Birdcage clamps around most 3" O.D. machined axle tubes providing a lower mounting point for a suspension. The two-piece design features a nylon liner allowing clamp to be



installed without removing existing brake brackets and hubs. Clamp measures 3-1/4" wide including retaining clamps and accepts a 3/4" suspension tube.

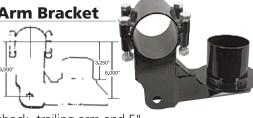
# Clamp-On Trailing Arm Bracket ALL60138

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



Clamp-On Trailing Arm Bracket

Steel bracket clamps on 3" axle tube to provide

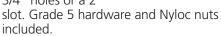


mounts for shock, trailing arm and 5" O.D. coil spring. Grade 5 hardware included.

ALL60140 ..... LH Bracket ALL60141 ..... RH Bracket

# 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"



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

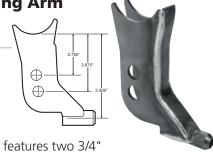
nuts included.

# Weld-On Trailing Arm Bracket

#### **ALL60126**

Weld-on lower bracket to 3" axle tube to mount coilovers and trailing arms. Bracket are 3/16" steel with

1/2" shock hole and features two 3/4" trailing arm holes.



ALL60110



Mike McKinney

# 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.

ALL60110 ..... LH Bracket ALL60111 ..... RH Bracket





# **Trailing Arm Brackets**

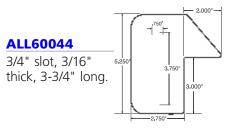
Steel brackets can be used as front mount for leaf spring or trailing arm. Assorted styles are available.



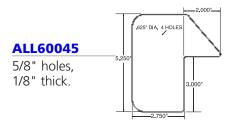
#### **ALL60043**

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

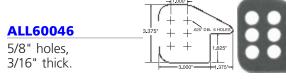


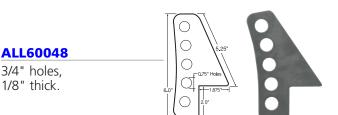












#### **Slider Boxes**

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.



ALL60186 ..... 4" x 1/2" 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 slot 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.





Steel 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 standard rod end spacers.









ALL60187 ...... Spacers For 1/2" Slider Box, 2-Pack **ALL60187-10** ..... Spacers For 1/2" Slider Box, 10-Pack **ALL60189** ...... Spacers For 3/4" Slider Box, 2-Pack **ALL60189-10**..... Spacers For 3/4" Slider Box, 10-Pack

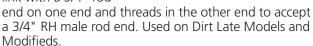
# **Trailing Arm Bracket ALL60042**

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.



# Swing Arms

Lower rear suspension link with a 3/4" rod



**ALL56052** ..... 13-1/2" ALL56053 ..... 15-1/2"





# **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.

ALL57822

**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.

**ALL57824** ..... Upper **ALL57826** ..... Lower

**Replacement Parts** 

ALL99320 ..... Clevis End For ALL57824 ALL99321 ..... Rod End Bushings, 2-Pack



ALL57826

# **GM Trailing Arm Rod End**

Reducer bushings are used with spherical rod ends to take the place of the OE style trailing arm bushing when building custom or adjustable lower trailing arms on popular GM cars. Bushing size listed is for size of rod end being used and both bushings accept 1/2" mounting hardware.



NEW

**ALL18790** ..... 5/8" **ALL18792** ..... 3/4"

# **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.

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

Includes rear upper and lower trailing arm mounts. Upper mount must be cut to desired height depending upon where housing is located in the chassis.



**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

# **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**

ALL99400 ..... Black Insert 40 Durometer (Soft)
ALL99401 ..... Yellow Insert 60 Durometer (Medium)
ALL99402 ..... Red Insert 80 Durometer (Hard)



# **Bolt-On Spring Cup**

# NEW

#### **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.

#### **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.

ALL56124 ..... Standard Cup ALL56123 ..... Lightweight Cup



ALL56123

# **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.

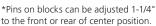
# Clamp-On Lower Spring Pad ALL56127

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"			
<b>Billet Alum</b>	inum				
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"			



# ALL56131 ALL56065 ALL56136

# **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



ALI 60037





ALL60036

ALL60038

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.

**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 Parts**

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.



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.

**ALL60055** ..... Steel 1/4" Thick **ALL60056** ..... Aluminum 3/8" Thick



ALL60055 ALL60056

#### Wheelie Bar Wheels

Billet 6061-T6 aluminum wheels are molded with a durable 4" O.D. polyurethane







tire that will not dent or give like a rubber tire. Wheels are available with or without bearings and accept 3/8" mounting hardware. Mounting width: non-bearing wheel is 1-5/8", bearing style wheel is 1-1/4".

Without Bearings (1.625" Wide Mount)

ALL60510 ..... 5-Spoke ALL60512 ..... 5-Hole ALL60514 ..... 10-Spoke

With Bearings (1.250" Wide Mount)

**ALL60511** ..... 5-Spoke **ALL60513** ..... 5-Hole **ALL60515** ..... 10-Spoke







# **Tubing Notcher ALL10411**

Notcher works with most standard hole saws to creates 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

#### **Replacement Part**

ALL10402 ..... 5/8"-18 Thread Adapter

of tube accepting notched tube.



Tubing notcher includes a 1/2"-20 arbor thread and 5/8"-18 adapter. Most hole saws up to 1-1/8" diameter use 1/2"-20, larger hole saws use 5/8"-18 thread.

#### **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". Hole saws up to 1-1/8" diameter use 1/2"-20 thread, larger hole saws use 5/8"-18 thread.

#### **Individual Hole Saws**

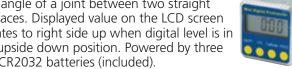
<b>ALL10413</b> 3/4"	<b>ALL10417</b> 1-1/2"
ALL10414 1"	<b>ALL10418</b> 1-5/8"
<b>ALL10415</b> 1-1/8"	<b>ALL10419</b> 1-3/4"
ALI10/16 1_1//\"	

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).



ALL10742..... Compact Digital Level, 2" x 2" x 1" ALL10744..... Digital Level, 6" x 2.25" x 1.25"

#### **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.







Sample Punch and Flare

#### **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.



#### 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, any angle of opposing notches or bends during fabrication. Base accepts most digital levels including ALL10113,



sold separately.

ALL10742 and ALL10744 or standard bubble levels

#### **Individual Mounting Brackets**

ALL14192...1" ALL14195... 1-1/2" ALL14193 ... 1-1/4" ALL14196... 1-5/8" **ALL14194**... 1-3/8" ALL14197... 1-3/4"

# Δ1114195

# 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".

ALL11030...... Red, Left Hand ALL11031 ..... Green, Right Hand

# **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".

#### **Replacement Part**

ALL99328 ..... Replacement Blades 3pk

# **Body Roller ALL23102**

This handy 'highside' body roller will allow you straighten body and deck

panels while still on your car! Must have item for at track repairs.





# **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.

**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.

# 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**

**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**

**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.

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)

<b>Drill Bit</b>	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)

<b>Drill Bit</b>	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"
	3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8"

## **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.

**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 Parts**

**ALL18209** ..... Jaw Set

ALL99255 ..... Nose Piece Set 3pcs

ALL99256 ..... Mandrel Cup

# Hand Rivet Gun

Includes interchangeable nosepieces for 3/32", 1/8", 5/32", and 3/16" diameter rivets.

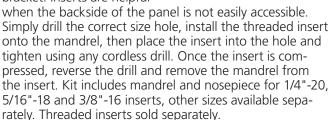
# Rivet Gun Adapter For Cordless Drill ALL18205

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



#### **Replacement Parts**

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	Pilot Hole Size	Grip Range	Body Length (Before Comp.)
ALL19460	8-32	17/64"	Up To .080"	.420"
ALL19461	10-24	5/16"	Up To .130"	.475"
ALL19462	10-32	5/16"	Up To .130"	.475"
<b>ALL19463</b>	1/4"-20	13/32"	Up To .165"	.580"
ALL19465	5/16"-18	17/32"	Up To .150"	.690"
<b>ALL19467</b>	3/8"-16	17/32"	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.

**ALL18221** ..... Kit With 1/8" Pins **ALL18225** ..... Kit With 3/16" Pins



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
 3/16" Dia. Pins

 ALL18222 ..... 10-Pack
 ALL18226 ..... 10-Pack

 ALL18223 ..... 25-Pack
 ALL18227 ..... 25-Pack

 ALL18224 ..... 100-Pack
 ALL18228 ..... 100-Pack

TECH TIP: Drill holes one drill size smaller than the Cleco pin size to assure a tight fit

# 1/4" Pin Type Cleco Fastener ALL18234

Cleco Pins are temporary fasteners that can easily be installed or removed in 1/4" holes when fitting sheet metal or chassis tabs using the ALL18220 Cleco Pliers. 1/4" size pin is ideal to use in place of body bolts or other 1/4" fasteners. Package of 10.



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.

**ALL19402** ..... For 5/16" Fasteners **ALL19403** ..... For 7/16" Fasteners

#### **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.

**ALL11170** ...... Reamer, 7.15°, 1-1/2" Taper Per Ft. **ALL11172** ...... Reamer, 9.56°, 2" Taper Per Ft.

## **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.

ALL19406 ..... Fixture For 3/4" Spring ALL19407 ..... Fixture For 1" Spring ALL19408 ..... Fixture For 1-3/8" Spring

ALL19407

## **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.

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**

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 Reamer Specifications For Ball Joints**

Part No.	Taper Specs	Part No.	Taper Specs
<b>Ball Joint</b>		<b>Ball Joint</b>	
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**

ALL11175 ..... 1" Extensions (Set of two)

ALL11175

# **Spindle Slug Tool ALL11182**

Tool easily removes spindle slugs that are pressed into fabricated spindles with a standard wrench or socket.





#### **Taps**

Tungsten steel taps are titanium coated. Economy taps are available in right-hand and left-hand threads.



<b>ALL11060</b> 1/4"-20 RH	<b>ALL11065</b> 1/2"-20 LH
<b>ALL11061</b> 1/4"-28 RH	<b>ALL11066</b> 5/8 "-18 RH
<b>ALL11062</b> 3/8"-16 RH	<b>ALL11067</b> 5/8"-18 LH
<b>ALL11063</b> 3/8"-24 RH	<b>ALL11068</b> 3/4"-16 RH
<b>ALL11064</b> 1/2"-20 RH	<b>ALL11069</b> 3/4"-16 LH

#### **NPT Taps**

Alloy steel taps work well for chasing and cleaning threads before installing fittings and plugs.

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,

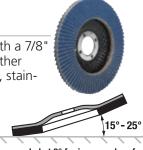
threaded shaft, pipe, and pipe fittings. Choose from three different files, each 8-1/2" long. Standard and metric sizes.

**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.

**ALL12121**...... 60 Grit **ALL12122**...... 80 Grit **ALL12123**...... 120 Grit



Flaps angled at 8° for increased surface contact and aggressive use.
Best used at 15° - 25° angle.

# **Emery Cloth Rolls**

1" wide emery cloth is perfect for many uses around the shop and trailer including cleaning, deburring and polishing. 150' box.

**ALL12130**...... 60 Grit **ALL12131**...... 120 Grit **ALL12132**..... 180 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.

**ALL12105**...... 60 Grit **ALL12106**...... 80 Grit **ALL12107**..... 120 Grit

**Related Part** 

ALL12100...... Twist Lock Backing Pad For 2" Discs

# **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 sepa-

rately). Package of 5. **ALL12101**..... Coarse **ALL12102**..... Medium

**ALL12103**..... Fine

Related Part

ALL12100..... Twist Lock Backing Pad For 2" Discs

# 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**

Wire is used to mechanically lock pre-drilled fasteners for added security. Type 302/304 stainless steel wire features high corrosion resistance and good tensile strength in applications up to 500 degrees. Sold in a 1lb. spool enclosed in a convenient dispensing container.

**ALL10121**...... .032" Diameter **ALL11008**..... .041" Diameter



# 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 hand and how hand fasteners.

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**

ALL99102 ..... Replacement Drill Bits, 2-Pack



# Dial Indicator With Magnetic Base ALL96414

Dial indicator with magnetic base is a necessity when degreeing 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.

ALL96415 ..... Dial Indicator Only ALL96416 ..... Magnetic Base Only

# Digital Calipers 0-6" With Case 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 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.

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

# **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.

**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.

ALL11010..... Mini ALL11011..... Standard



ALL11011



#### **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**

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.

# **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.

#### **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...... Bottle With Lanyard **ALL11018**..... Bottle With Magnet

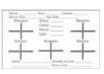
**ALL11017**..... Bottle With Magnet And Check Valve

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

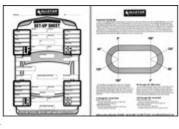




pages perforated for easy tear off.

# 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.



# Scale Buddy ALL13115

The Scale Buddy is a water filled bladder that may be placed directly into the seat of the car to represent the weight of the driver when setting up and scaling your racecar. Bladder may be filled and emptied in the car using a standard garden hose and weighs up to 100lbs when filled. Note: Designed for set-up purposes only, not designed to be used as ballast during racing.



# PERFORMANCE

## **Engine Cradles**

Engine cradles are available in standard duty or heavy duty, both with provisions for mounting wheels and are made of 1" square tubing with black powder



coating. 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**

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)



Heavy Duty Wheel Mount

#### **Heavy Duty Cradles**

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<sup>†</sup>

\*Works with stock and most aftermarket blocks including Dart, World, and Ford Boss with ribbed engine mount bosses and bulged water jackets.

#### **Caster Wheel Kits**

Hard rubber wheel kits may be mounted to Allstar engine cradles ALL10130 thru ALL10159. Kits are also available with locking wheels. ideal for storing spare engines in trailer. Standard duty kits feature 3/8" studs and heavy duty models use 1/2" studs. Four wheels per kit.

**ALL10162**..... Std. Duty 3" Dia. Kit

ALL10163...... Std. Duty 3" Dia. With Locking Kit

ALL10164..... Heavy Duty 3" Dia. Kit

ALL10165..... Heavy Duty 3" Dia. With Locking Kit

ALL10166..... Heavy Duty 5" Dia. 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

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.

# **Sprint Engine Cradle**

#### **ALL10159**

Cradle bolts to most stock type and aftermarket SB Chevy blocks, including narrow pattern lightweight and standard bell

housing bolt patterns. Slotted front mounts accept most frame width engine mounts. Provisions for standard wheel kits are positioned to support complete engines with attached radiators.

# 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".

# **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.



<sup>†</sup>Designed for most Mopar B and RB blocks. Will not work with 392 or 426 "hemi" Engines.



# **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 LS GM 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 positioning which allows 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 Lift Plates For LS Series GM Engines

Engine plates are designed for lifting LS series GM engines. Installation of lift plate requires removal of the intake manifold and valley cover tray to properly secure lift plate to engine block. Plate features three lifting points, allowing engine weight to be balanced or offset. Offset position is helpful when angling an engine (with transmission attached) in or out of a vehicle. Made from 3/16"" thick zinc plated Steel.

ALL10140..... Gen III Engines ALL10143..... Gen IV Engines ALL10141..... Gen V Engines

# Ford EFI Engine Lift Plate ALL10125

Ease engine swaps with the Allstar engine lift plate. Fits standard 5.0L/5.8L EFI intakes: OEM, GT-40, Cobra, Holley, Edelbrock.

# 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

Tool removes the outer shell of most spin-on style engine oil filters to inspect the filter material for contamination or debris.



## Freeze Plug Driver Set ALL96482

Have problems installing freeze plugs? Use these plastic drivers along with a hammer or mallet for simple instal-

lation 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**

**ALL96483**..... 1-1/2" Driver **ALL96484**..... 1-5/8" Driver **ALL96485**..... 1-3/4" Driver



# **SB Chevy Cam Bearing 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**

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.

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.

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 **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.

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 clear-



ance 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

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 guickly 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. Onepiece 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.

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,



# 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 requlators, etc. clean during storage. Caps and plugs fit 37° flared fittings and straight threaded ports. Available in plastic and aluminum.





ALL50801

ALL50821





L5081	11		

Per Pkg.	
20	

Сар	Plug	AN Size	Thread Size	No. Per Pkg.			
Plastic Cap	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 P	lugs					
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.

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.

**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.



ALL40100 ..... 6 Qt. Funnel With Brass Screen 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. ALL40107

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 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 flush 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).



ALL40108

#### **Tool Tray ALL14170**

Tool tray measures 12" x 18" x 3", with hooks on one side to fasten to race car nose or sprint/midget





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.



ALI 26040



ALI 26043

ALI 26044

ALL26040 ..... Plastic

ALL26042 ..... Plastic With Screen

ALL26043 ..... Aluminum,

ALL26044..... 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.

#### **Dominator Carb Hat ALL26041**

Plastic carb hat is 2-3/8" tall and fits over the 7-1/4" air cleaner opening of Holley Dominator carburetors to prevent water or debris from entering the engine. Solid cover may be drilled when an air cleaner stud is used.



Aluminum plugs have O-rings for a water tight seal and will keep dirt out of injectors while cleaning sprint car. 4-piece set comes with a nylon storage pouch.



Part No.	Size	Wash Plug Dia.	Stack Dia.
Kinsler			
ALL26072	2-1/4"	2.328"	2.335"
ALL26073	2-11/16"	2.762"	2.790"
ALL26074	2-3/4"	2.848"	2.875"
ALL26075	2-13/16"	2.921"	2.950"
ALL26076	2.90"	2.973"	3.00"
Engler			
ALL26033	2-1/2"	2.632"	2.650"
ALL26035	2-13/16"	2.885"	2.905"
ALL26036	2.90"	2.973"	3.00"
ALL26038	3"	3.073"	3.10"
Hilborn	*		
A1126032	2-7/16"	2 483"	2 50"

# **Sprint Fuel Pressure Gauge ALL40330**

Fuel pressure indicator gauge allows preadjustment of the high speed, secondary and main valve opening pressures using a compressed air source. Gauge can be mounted directly to the wall or tool box. 4-1/2" diameter dial has a 0-160 PSI range.

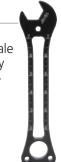




#### Wheelie Bar Wrenches

Billet aluminum wrench is the perfect tool for adjusting wheelie bar height. A highly visible scale printed directly onto the wrench helps to quickly measure height between 2" to 7" in 1/8" increments. Overall wrench length 9" x 3/8" thick.

ALL11195 ...... Wrench For 3/4" Jam Nut **ALL11196**...... Wrench For 15/16" Jam Nut ALL11197 ..... Wrench For 1" Jam Nut



#### **Nitrous Combination Wrench ALL11151**

4-in-1 wrench has four different sizes to accommodate -3AN, -4AN, -6AN line fittings



and 1-1/4" bottle fitting. Compact enough to fit in your pocket or glove box for quick bottle changes or to check lines at the track.

# **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

<b>ALL11106</b> 6AN	<b>ALL11112</b> 12AN
<b>ALL11108</b> 8AN	<b>ALL11116</b> 16AN
<b>ALL11110</b> 10AN	<b>ALL11118</b> *20AN

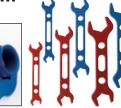
\*-20AN wrench not included in set.

# **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 fit-

tings up to -20AN.

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. ALL40118 ALL40116

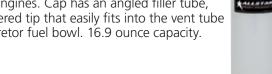
ALL40116 ..... Kit For Use With Scribner Jug ALL40117 ..... Kit For Use With VP Jug

**ALL40118** ..... Cap Only For Use With Scribner Jug **ALL40119** ..... Cap Only For Use With VP Jug

**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.



# **Mini Stretch Wrap with Handle**

Handheld stretch wrap dispenser has multiple uses around the shop or home including bundling parts together to keep organized, protecting items from damage and wrapping up spare parts until needed. Wrap is an 80-gauge

low density polyethylene material measuring 3" wide x 1000ft long and features a high elastic characteristic to keep items tightly bound together.

**ALL14230** ..... Mini Stretch Wrap with Handle **ALL14232** ..... Replacement Roll 3" x 1000'



# **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

deritally mixin	g product.		
	$\overline{}$		
ALL14360	ALL14361	ALL14365	ALL14366

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.

#### 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.



# **Heavy Duty Nylon Tie Wraps**

Heavy duty black nylon ties are ideal for emergency repairs and applications that require a secure attachment.

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.



**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.

**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.

**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**

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.



# **Safety Glasses**

# **ALL10258**

Comfortable, lightweight, general purpose safety glasses have a clear wrap around lens for maximum visibility. ANSI-Z87.1 rated.

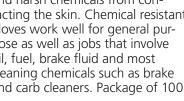


# **Reusable Corded Earplugs ALL12000**

Corded earplugs fit instantly without rolling or squeezing. Made of a soft material that cleans up easily in warm, soapy water.



Nitrile gloves protect against dirt and grime and help prevent oil and harsh chemicals from contacting the skin. 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.



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.

**ALL99940**..... Medium **ALL99941** ..... Large **ALL99942** ..... X-Large



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.



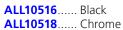
# **Deluxe Aluminum Mud Scraper ALL44165**



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.







# Racer's Tape

A hundred uses in the shop or at the track, this is true "Racer's Tape".



1"	Wide 2	k 90'
AL	L14140	Silver
ΛI	11/1/11	Black

2" Wide x 180' **ALL14150**..... Silver **ALL14151**..... White ALL14152 ..... Red **ALL14153**..... Black **ALL14154**..... Yellow

#### 2" Wide x 180' **ALL14156.....** Orange **ALL14157**..... Green ALL14158..... Burgundy **ALL14159**..... Purple **ALL14162**..... Teal 3" Wide x 180'

**ALL14142.....** White

**ALL14143**..... Black

# **Gaffer's Tape**

ALL14155 ..... Blue

Vinyl coated gaffer's tape has a dull appearance and is much stronger than standard racer tape.



#### 2" Wide x 165'

**ALL14251....** White **ALL14252** .... Red ALL14253 .... Black ALL14254 .... Yellow ALL14255 .... Navy Blue



ALL14245 ..... Fluorescent Green ALL14246 ..... Fluorescent Pink ALL14247 ..... Fluorescent Orange ALL14248 ..... Fluorescent Yellow

#### 2" Wide x 45'

ALL14145 ..... Fluorescent Green **ALL14146** ..... Fluorescent Pink **ALL14147**...... Fluorescent Orange ALL14148 ..... Fluorescent Yellow

# 4" Wide x 165'

**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.



# **Black And White Checkered Tape ALL14149**

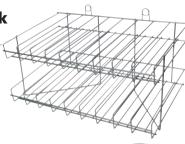
Checkered tape has many uses such as signs, displays, race cars, trailers, etc. Rolls are 2" W and 45' L.



# **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.

**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.





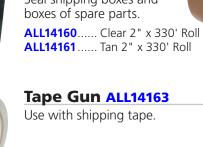
Clear protective polyurethane tape can be applied directly over painted surfaces or decals to help prevent scratching, chipping or other damage. Use on wheel well openings, rocker panels, headlight decals, door edges or anywhere added protection may be required. Tape is 8 mil thick and provides excellent resistance to ultraviolet light. Will not yellow over time.

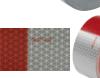
ALL14275..... 2" x 30' **ALL14276**..... 3" x 30' ALL14277 ..... 4" x 30'

# Shipping Tape

Seal shipping boxes and boxes of spare parts.

**ALL14161** ...... Tan 2" x 330' Roll







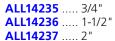






# **Masking Tape**

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.





ALL14236

# 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 holder



# Rags-In-A-Box Holder ALL12220

**Shop Towels ALL12006** 

Blue shop towels are much heavier

**Shop Towel Roll Holder** 

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

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.

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".

# **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.



# Silicone Repair Tape

**ALL14285** 

Tape is a self-fusing silicone with many uses including sealing plumbing and hoses, insulation of wiring from up to 500 degrees of heat, sealing electrical connections and provides extra grip on steering wheels and tool handles. Resists fuels, oils, solvents and will not gum up or stick like most other tapes. Roll is 1" wide x 10' 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.



#### **Towels**

trailer or shop wall.

**ALL12219** 

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.

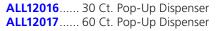


### Microfiber Towels ALL12008

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.



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.









## Ultrasonic Cleaners

Cleaners use high frequency sound waves to create cavitation bubbles to gently deep clean. Cleaner features a digital 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 ..... 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

#### **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.

**ALL12202** ..... White **ALL12203** ..... Black



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.



# Sprint Car Nose Wing Wall Mount Brackets ALL12214

Brackets attach to the side of trailer wall to hold a spare sprint car front nose wing safely in place. Powder coated aluminum brackets feature slotted arms which are fully adjustable to accommodate a variety of nose wing shapes and

sizes. Sold in pairs with retention straps to keep wing secure.



# Aerosol Can Holders

Bolt to trailer or garage wall to hold cans up to 3" in diameter. Sturdy steel construction is pre-painted white.

**ALL12200** ..... Six Can Holder, 23" Long x 3-1/2" Deep x 5-1/2" Tall

**ALL12201**...... Three Can Holder, 11-1-2" Long x 3-1/2" Deep x

5-1/2" Tall

# **Aerosol Can Tray**

#### **ALL12264**

Bolt aluminum can tray in multiple locations of 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.



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**..... 16" Long Tray **ALL12268** ..... 21" Long Tray



ALL12265

#### **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")

**ALL12030** ..... Universal For All Fluid Types (Oil, Coolant, Water) **ALL12031**..... Oil Only

100-Pack (15" x 10" Individual Sheets)

**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.





# 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	<b>Hook Type</b>	Working Load Limit
ALL10184	2"	8'	Flat	1,660 Lbs.
<b>ALL10188</b>	2"	8'	Direct	1,660 Lbs.
ALL10192	2"	8'	Twist	1,660 Lbs.
<b>ALL10196</b>	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	<b>Hook Type</b>	<b>Working Load Limit</b>
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.

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 with a 3-5/8" pad height. Made of high quality aluminum, jack incorporates a patented hydraulic system to reach maximum

to reach maximum height of 17-1/2". Large, two-piece handle has a spring detent to lock handle halves together. Built-in stops

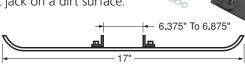


on the jack prevent the handle from falling forward past the 12 o'clock position. Rolls easily on heavy duty rear caster wheels. Optional dirt wing adapts jack for use in unpaved pits. 3-Pump and 6-Pumprefers to the amount of pumps of the handle to lift the tires off the ground of a typical stock car.

**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**

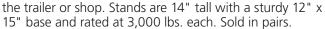
#### **ALL10124**

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**

Steel support stands can be stacked together to conserve valuable space in



# 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 have rounded lower sections to safely cradle each tire. 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.

ALL10134..... Standard Casters, For Cars Up To 4,000 Lbs.

(Single Dolly Rating 1,000 Lbs.)

**ALL10135**..... 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.

**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".





## 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 hipressure 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.

**ALL11302**..... Kit With 11.75" Stroke Cylinders **ALL11300** .... Kit With 15.25" Stroke Cylinders ALL11301..... Kit With 15.25" Stroke Cylinders

With Dirt Foot

ALL11303...... Kit with 15.25" Stroke Cylinders With Dirt Foot (Two Cylinder Kit)

Kits Include: Lift Cylinders, Safety Props, Weld-On Mounting Rings, Air Coupling, Receiver and Plumbing Kit

#### **Replacement Parts**

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**

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.



ALL11305

# 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 and will support up to 2,400 lbs. Complete system includes a 110VAC, 3/4HP hydraulic pump with cord and plug, hydraulic cylinders with down assist canisters, 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.

ALL11270 ..... Steel Frame Race Car Lift Kit With Pump ALL11272 ..... Aluminum Frame Race Car Lift Kit With Pump

#### Components

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 Degree Cylinder Fitting

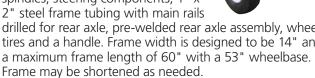
ALL99278 ..... Quick Disconnect Fitting Set

# 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, spindles, steering components, 1" x

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.







#### **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.

**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.

**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 ALL10234** .... 5" **ALL10235** .... 12" **1/2" Drive 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. Socket

jamming lug nuts. Sockets fit 1" lug nuts and are used with 1/2" drive impact guns.

**ALL10242** ..... 5" **ALL10241** ..... 11"

# **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".

#### Wheel Wrench ALL10655

Sprint car wheel wrench features a removable sleeve adapter to fit heavy duty and lightweight axles. Six-point socket fits 3" axle hex nuts. Black powder coated aluminum construction.

#### **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

Replacement Parts

ALL99340 ..... 0-200 PSI Gauge ALL99341 ..... Hose With Chuck ALL99342 ..... Brass Manifold

ALL1053



ALL10532



## **Tire Log Decal**

Easy to write on, vinyl decal is handy when recording important tire informa-



tion at the track. 8-1/2" x 2".

**ALL047** ...... 4-Pack **ALL047-40** .... 40-Pack



## **Tire Pressure Gauges**

2" gauge has a 12" flex hose with swivel chuck and pressure release valve. Accurate to within +/- 1%.

**ALL44076** ..... 0-20 PSI **ALL44077** ..... 0-40 PSI



# **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 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

**ALL44056**..... 0-15 PSI, 2-1/4" **ALL44057**..... 0-30 PSI, 2-1/4" **ALL44058**.... 0-60 PSI, 2-1/4"

4" Diameter

**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**..... 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**

ALL99044..... Tape Decal

# **Tire Tape Measures**

10' long tapes are ideal for measuring tire diameters and checking stagger.

ALL10111 ..... Economy ALL10112 ..... Deluxe

#### **Tire Crayons**

Ideal for temporary tire marking. 1/2" x 4-5/8".

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, leadfree paint.

ALL12050 ..... Aluminum ALL12051 ..... Yellow ALL12052 ..... White ALL12053 ..... Red ALL12054 ..... Blue ALL12055 .... Light Blue ALL12056 ..... Black

# **Sharpie Markers**

ALL12057 ..... Orange

Fine point permanent markers work great for many uses around

the shop or track which includes layout and fabricating, marking tire sizes, gear set ratios, jet sizes, etc. Sold each.

**ALL12072**..... Black **ALL12073**..... Silver



ALL10112





ALL10577



# **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 plugin of siper or groover. Stand will accommodate 5x5 or Wide 5 wheels.

#### **Individual Components**

ALL10566 ..... Wheel Mount/Motor

Assembly

ALL10567 ..... Cart/Stand For

ALL10566



# **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. Mounting hardware and tire tool head are included.

#### **Related Part**

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 Siper Holder**

**ALL10571** 

Bracket bolts to electric tire prep stand and holds ALL10266 heated tire siper.



# **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 clock-

wise 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**

ALL10576...... Wheel Mount/Motor Assembly ALL10577 ..... Cart/Stand For ALL10576

#### **Related Parts**

ALL10572 ..... Tire Tool Adapter ALL10574..... Tire Wrapper Attachment

ALL10571..... Tire Siper Holder

# 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





# ALLSTAR' PERFORMANCE

# 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.

ALL10562 ..... Swivel Wall Mount Bracket

# 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.

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**

**ALL99104** .... Tension Lever Kit **ALL99109** ..... Heating Element



ALL99109

# **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.

# **Multi-Blade Siping Head**

#### **ALL10540**

ALL10264

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**

ALL99108 ..... Siping Blades, 24-Pack





**Brady Bacon** 

ALL44028



# **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

**ALL44184** ..... Filter For Tire Sander

ALL99134 ..... Replacement 10' Cord for ALL44185 Tire Sander

# **Backing Pads And 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.

**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.

**ALL44188** ..... 8" Backing Pad **ALL44189** ..... 8" Sanding Discs, 36 Grit

**ALL44198** ..... 8" Sanding Discs, 24 Grit **ALL44197** ..... 8" Sanding Discs, 16 Grit





**David Stremme** 

# **Tire Grinding Discs**











ALL44180 A

ALL44181

ALL44182

44183 ALL44

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. Clamp the hook and inside jaw against the rim, while maintaining slight pressure on the outside handle, then press down on the inside handle, using the outer jaws to separate the tire from the rim, moving around the rim as needed.

ALL44026..... Bead Breaker for 10" Wheels ALL44027..... Bead Breaker for 13" Wheels

ALL10105..... Bead Breaker for 15" Wheels

ALL10106 ..... Bead Breaker for 15" Wheels Wide Jaw\*
ALL44028..... Bead Breaker w/Adjustable Arm for 10", 13" and

15" Wheels

\*Wide jaw bead breaker works well with soft sidewall tires, helping prevent damage to sidewall.

# **Tire Spoons**

Steel tire spoons help to mount and dismount tires ALL10103 ALL10104 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 rounded ends help prevent damage to tire and wheel.

ALL10103..... 24" Straight With Round End ALL10104 ..... 16" Curved With Flat End ALL44037..... 16" Curved With Round End ALL44036..... 9" Curved With Round End

# PERFORMANCE

ALL10770

# "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...... 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) 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



ATT 99301



#### **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.

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", 6/32", 8/32" and 10/32" flat blades.

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)

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

#### **Replacement Parts**

(for ALL10270 and ALL10590)

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



ALL99392

AII 99394

ALL99104



ALL99105 ALL99106



ALL99393

ALI 99306

## **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,

specialty tools, such as tire groover, siper and related tools. Totes also work well for storing chemicals and fluids to prevent spilling in cabinets. Interlocking lid design allows multiple totes to be securely stacked together. Inside dimensions are 20" L x 14" W x 12" H.





#### "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, ALL10270 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.

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 drving 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**

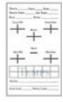
Easy access canvas cover features a full length zipper. Perfect for use in the tire impound, keeping your tires out of the weather or hiding them from the eyes of your competition. 50" tall black cover will fit a set of 4 tires with a 86" maximum circumference.

# **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.







#### **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.

ALL10117 ..... Standard ALL10119 ..... Deluxe

# 16' Tape Measure ALL10675

16' x 3/4" blade has fractional markings every 1/8" for quick reference.

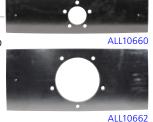


#### Caster Plate ALL10752

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.

#### Set-Up Plates

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.

**ALL10660** ..... 5x5, 7" x 28" **ALL10662** ..... Wide 5, 12" x 28"

# Spindle Slug Tool ALL11182

Tool easily removes spindle slugs that are pressed into fabricated spindles with a standard wrench or socket.

#### **Upper Ball Joint Wrench**

#### **ALL11190**

Wrench is designed to remove and install common screw-in upper ball joints that are 1.900" wide (ALL56214).

# **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.

## **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

# **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.

**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.





## **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**

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.

# Digital Bump Stop Gap Tool ALL96412

This tool allows you to measure the gap in your bump set up with your car on the ground. Slide over the shock shaft and adjust between the shock end cap and your bump rubber or shim. Also works well in the shop when setting up multiple combinations with the same gap. For use in non-coilover applications.

#### **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.

ALL12212..... Standard Rack
ALL12211..... Adjustable Base Rack

#### **Replacement Part**

ALL12213..... Shock Pin, O-Ring and Bolt

# Extended Length Shock Rack Pin ALL12215

Extended length pin replaces the pin used on our standard and adjustable shock racks allowing a shock or eliminator with a 5" spring to be mounted to the rack. Pins are also ideal for creating custom mounting for use on toolboxes or pit carts. The outer o-ring may be removed to expose a predrilled hole for a hairpin clip such as ALL18442, sold separately.

# 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 Workstation

#### **ALL64264**

The all-in-one shock workstation holds most shock bodies in the upright position for ease of shaft removal or assembly and holds shock shafts vertical or horizontal for easier repairs and re-valving. Aluminum workstation can be placed in a vise, bench mounted using optional mounting bracket or custom mounted using 1/4" fasteners.

# 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 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.



Jason Feger



#### **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.



# 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**

Description should read: Aluminum hex style spindle nut socket features a 1/2" drive for use with a ratchet.



**ALL10115** ..... 2-7/8" Spindle Nut Socket For 2-1/2" Pin,

Allstar, AFCO, Winters And SCP 5x5 Hubs ALL10114 ...... 2-5/8" Spindle Nut Socket For 1-Ton Hubs

NEW

# 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**

**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



# **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**

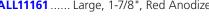
Originally used throughout the tool and die industry, this lube provides superior durability and wear protection, taking the place

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.

**ALL11160**...... Small, 1-3/8", Blue Anodized **ALL11161**..... Large, 1-7/8", Red Anodized







#### **Absorbent Mats**

A must for the workshop and trailer. These handy, absorbent mats have bonded layers, allowing fluid to spread quickly through material.



**ALL12030** ..... Universal For All Fluid Types (Oil, Coolant, Water) **ALL12031**..... Oil Only

#### 100-Pack (15" x 10" Individual Sheets)

**ALL12032** ..... Universal For All Fluid Types (Oil, Coolant, Water) **ALL12033**..... Oil Only

# 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.



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 (Midget) Gear Set	ALL14352	ALL14352-10

## **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.



## Plastic Drain Pan ALL40112

Round drain pan has molded-in handles and pour spout. 13-1/2" x 11" x 4", 7 quart capacity.



# 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.



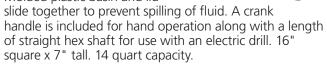
Spencer Hughes

Jared Spalding

## **Drain Pan With Pump**

#### **ALL14171**

Drain pan with built-in pump holds and refills fluids when changing rear end gears. Molded plastic basin and lid

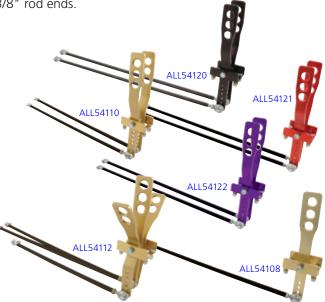






#### **Aluminum Shifter Assemblies**

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

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**

**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

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.

## 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.

# 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.

ALL54113 ..... 14" ALL54114 ..... 16" ALL54115 ..... 20" ALL54116 ..... 24" ALL54117 ..... 30" ALL54119 ..... 40"



#### **Related Parts**

**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"

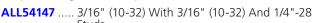
#### **Clevis Kit For Bert Transmission**

#### **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.

## **Quick Release Cable Ends**

Quick release ends are used when a connection needs to be removed and installed often. Steel constructed housing has a spring loaded release to keep housing secure to pivot ball.



ALL54149 ..... 1/4"-28 With 1/4"-28 Stud





#### **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.

ALL54142 .....43" ALL54145 .....60"

## Morse Cable Half Clamp

Aluminum clamp fits over groove in nonthreaded Morse style cables with a 3/8" housing to secure cable in place. Clamps feature a #10 (3/16") mounting hole. Sold each.



CNC-machined billet aluminum shifter clamps to the frame on driver's right. Designed for use with live axle shifter quick change. Shifter includes all steel hardware, heavy duty cable and quick release end.

Replacement Part ALL54142 ..... 43" Long Cable

# Transmission Breather Kit ALL36147

Breather kit provides a remote location for adding a larger breather to many popular manual transmissions. Kit relocates the breather exit location and helps prevent fluid from leaking or blowing out of standard breathers. Includes a remote breather, 15" braided line, mounting bracket and adapter fitting with 1/8"NPT threads.



Dipsticks feature a positive lock to keep dipstick in place and seal tight to prevent fluid leaks while sealing out moisture and debris. Steel case fill tubes have a gold finish, include a welded-on mounting tab, and are fitted with a rubber grommet type seal to reduce the risk of leaks common with traditional

PSTICKS

O-ring seals. Locking dipstick tubes are required on 10 99 and faster drag cars.

	Locking dipstick tubes are	П
required on	10.99 and faster drag cars.	D
Part No.	Description	
Powerglide		
ALL69100	Chevy Car	
ALL69101	LS Car	
ALL69102	Chevy Dragster	
ALL69104	Chevy Altered	
ALL69107	Dedenbear Car	
ALL69108	Dedenbear Dragster	
Turbo-Hydra	matic 350	
ALL69110	Chevy	
ALL69114	LS	
ALL69111	Buick, Olds, Pontiac	
Turbo-Hydra	matic 400	
ALL69112	Chevy	
ALL69113	Buick, Olds, Pontiac	
Chevy (Othe	r)	
ALL69116	Chevy 200-4R	
ALL69117	Chevy 700R4	
ALL69115	LS 700R4	
ALL69118	Chevy/GMC 4L80-E	
ALL69119		
<b>Chrysler Tor</b>	queflite	
ALL69120	727 Small Block	
ALL69121	727 Big Block	
ALL69124	904	
Ford		
ALL69126	Ford C-4 Case Fill	
ALL69127	Ford C-4 Pan Fill	
ALL69128	Ford C-6 Small Block	
ALL69129	Ford C-6 Big Block	
ALL69130	Ford Automatic Overdrive	



ALL99285 ..... Sealing Grommet

#### **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	12.5" x 5"	9" x 5"	10,000 Lb.
ALL26702	16" x 5"	12" x 5"	12,000 Lb.
ALL26704	12.5" x 7.5"	9" x 7.5"	16,000 Lb.
ALL26706	16" x 7.5"	12.25" x 7.5"	18,000 Lb.
ALL26708	16" x 10"	12.25" x 10"	20,000 Lb.





## **Flexplates**

Flexplates transfer engine power to the transmission, include the starter ring gear and have dual (10-3/4" and 11-1/2") converter bolt patterns unless specified. SFI flexplates meet SFI 29.1 specifications including .035" thicker material than stock

OE plates, starter ring gears welded on both sides and a gold zinc chromate finish. 153 tooth flexplates measure approximately 12-7/8" in diameter. 168 tooth flexplates measure approximately 14-1/8" in diameter.

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 <sup>†</sup>	ALL26840 <sup>†</sup>

<sup>\*</sup>Single 10-3/4" Torque Converter Bolt Pattern.

# 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**

Plate is installed between crankshaft flange and the flywheel allowing a popular internally balanced Chevy 350 flywheel to be used with an externally balanced 400 crankshaft.

Note: These are not designed to be used with an automatic transmission flexplate.

## GM LS Engine To TH350/TH400 Adapter Sleeve ALL26121

Crank adapter sleeve allows use of an early TH350/TH400 style transmission with an LS engine.

## **Torque Converters**

Ideal for mild performance applications, including moderate drag racing, factory or street stocks. Economical converters are completely remanufactured with new pump drive hubs and thrust washers. Exact stall speeds will vary depending upon displacement, torque and vehicle weight.

Part No.	Description	Stall Speed
ALL26908	TH-350/400 10-3/4" B.C.	2000-2200
ALL26906	TH-350/400 10-3/4" B.C.	2200-2600
ALL26900	TH-350/400 10-3/4" B.C.	2700-3000
ALL26902	TH-350/400 10-3/4" B.C.	3200-3500
ALL26904	TH-350/400 10-3/4" B.C.	3500+

### **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.

ALL26112..... Bronze Bushing

**ALL26114**<sup>‡</sup> .... 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.

**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.

#### **Transmission Blanket ALL69010**

Contains transmission explosions on high horsepower race cars with stock firewall/ floor pan or where a



transmission shield isn't practical. NHRA and IHRA approved blanket measures 12" x 47" and meets SFI 4.1 specifications. Includes straps to secure it to any transmission.

<sup>†</sup>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

6-3/4"

4-3/4

ALL69042



## **Torque Ball Safety Blanket ALL55220**

Fire resistant safety blanket designed by Jason Meyers Racing protects drivers' legs and feet in the event of a U-joint failure. Ballistic nylon covered blanket weighs just 1-1/2 lbs. and has guick release adjustable straps that allow blanket to be removed easily for servicing torque ball and U-joint. Blanket

includes two mounting brackets, mounting studs, nuts and installation instructions.

#### **Replacement Parts**

ALL55224 ..... 3/8" Mounting Stud Kit ALL55226 ..... Mounting Tabs, 1-Pair

## **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.

ALL38150 ..... Solid Pins ALL38152 ..... Hollow Pins

## **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.

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.

**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.

ALL69040.....6" ALL69042 ..... 6-3/4" ALL69044 ..... 7-1/2" ALL69046.....8"

ALL69048..... 8" (Extra Clearance)

#### Hardened

ALL69043 ..... 6-3/4" ALL69045 ..... 7-1/2" ALL69047 ..... 8"

#### **U-Joints**

Performance U-joints are greasable and fit a variety of driveshaft combinations.

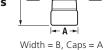
**1310 Series:** 3.218" Wide with 1.062" Diameter Caps **1330 Series:** 3.622" Wide with 1.062" Diameter Caps **1350 Series:** 3.622" Wide with 1.187" Diameter Caps

#### **U-Joints With Same Cross Width**

**ALL69030**..... 1310 Series ALL69031 ..... 1330 Series ALL69032 ..... 1350 Series

#### **U-Joints With Different Cross Widths**

**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.



## **Universal Three Fastener Plastic Wheel Covers with No Hardware**



High impact plastic wheel covers feature three reinforced slots for mounting wheel cover to wheel. Covers fit a variety of 15" bead lock wheels including Weld, Bassett and Aero. Mounting Hardware not included.

 ALL44280.... Black
 ALL44286.... Orange

 ALL44281.... White
 ALL44287.... Silver

 ALL44282.... Red
 ALL44288.... Neon Yellow

 ALL44283.... Blue
 ALL44289.... Neon Green

 ALL44285.... Yellow
 ALL44290.... Neon Pink

## **Universal Three Fastener Plastic Wheel Covers with Quick Turn Fasteners**



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.

 ALL44230.... Black
 ALL44236.... Orange

 ALL44231.... White
 ALL44237.... Silver

 ALL44232.... Red
 ALL44238.... Neon Yellow

 ALL44233.... Blue
 ALL44239.... Neon Green

 ALL44235.... Yellow
 ALL44240.... Neon Pink

**Replacement Parts** 

ALL99338 ..... Cover Fasteners, 3-Pack

## **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

ALL44228..... Steel Round Style Ring ALL44229..... Steel Flat Style Ring ALL44179..... Aluminum Flat Style Ring

Ring For Cover With Bolt-On Fasteners

**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

## Universal Six Fastener Plastic Wheel Cover with No Hardware ALL44250

High impact plastic wheel cover features six reinforced slots for secure mounting of wheel cover. Mounting Hardware not included.



## Universal Six Fastener Plastic Wheel Cover with Quick Turn Fasteners

#### **ALL44246**

High impact plastic wheel cover features six quick turn fasteners for secure mounting.



ALL44247

### **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.



**ALL44247**..... Steel Round Style Ring **ALL44249**..... Aluminum Flat Style Ring

## Ring For Cover With Bolt-On Fasteners

**ALL44251**..... Steel Round Style Ring **ALL44253**..... Aluminum Flat Style Ring



## **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 <sup>†</sup>	ALL44226	ALL44226-24

†Most popular size found on non-bead lock wheel cover retainer rings.

## Sprint Wheel Cover Bolt Kits

Kit includes 5/16"-28 bolts, 1-3/8" spread aluminum insert plates with steel threaded inserts, e-clips to keep bolts on the wheel cover and rivets. Package of 3.



ALL44265..... Stainless Steel ALL44266..... Titanium

ALL99420 ..... Replacement E-Clips, 12-Pack



AII 44228

ALL44179



## 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**

**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 bead lock wheels only and are sold each.

ALL44175 ..... Aero ALL44176 ..... Bassett/Weld

**Replacement Parts** 

ALL99165 ..... Cover Fasteners, 3-Pack



#### ALL44175

## **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.



## Titanium Fastener Kit For Bead Lock

Kit includes 16 pieces of 5/16"-18 x 1" long bolts to reduce rotating weight over standard fasteners. These fasteners work with most beadlock wheels and weigh a total of 114 grams.

Note: Kit will not work with Sander Engineering beadlock wheels

#### **Wheel Rim Screws ALL44045**

Self-tapping 1/4" diameter screws anchor the tire to the rim to prevent spinning. For drag use. Package of 35.



## **Foam Mud Plugs**

An economical way to prevent mud build-up inside racing wheels. Foam discs, in 5" and 3" widths, install quickly and easily in 15" diameter wheels. Allstar logo is imprinted on one side. Sold each.

#### 5" Mud Pluas

ALL44150 ..... Black ALL44151 ..... Red ALL44152 ..... Blue ALL44153 ..... Orange ALL44154 .... Yellow ALL44155 .... Purple

#### 3" Mud Plugs

**ALL44190** ..... Black **ALL44191** ..... Red **ALL44192** ..... Blue **ALL44193** ..... Orange **ALL44194** ..... Yellow **ALL44195** ..... Purple



### 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.

**ALL44270**..... Shield for 2" Backspace Wheel **ALL44271**..... Shield for 3" Backspace Wheel



Mike Marlar



Ryan Thomas



#### **Wheel Studs**

Larger-than-stock studs require redrilling of stock flanges. Check sanctioning body for wheel stud requirements. Package of 5.



			Underhead	Thread	Knurl	Knurl
Part No.	Size	Thread	Length	Length	Length	Dia.
ALL44110	1/2"-20	Fine	2.000"	.925"	.250"*	.585"
ALL44111	1/2"-20	Fine	1.875"	1.250"	.500"*	.685"
ALL44112	1/2"-20	Fine	2.250"	1.300"	.600"*	.600"
ALL44114	5/8"-18	Fine	2.000"	1.250"	.560"	.685"
ALL44115	5/8"-11	Coarse	2.000"	1.00"	.375"	.690"
ALL44117 <sup>†</sup>	5/8"-11	Coarse	2.750"	1.750"	.375"	.690"
ALL44116 <sup>‡</sup>	5/8"-11	Coarse	2.750"	1.450"	.725"	.690"
ALL44113 <sup>†</sup>	5/8"-11	Coarse	3.750"	2.750"	.375"	.690"
ALL44119 <sup>‡</sup>	5/8"-11	Coarse	3.750"	2.400"	.725"	.690"

<sup>\*</sup>Length with shoulder.

<sup>†</sup>Popular 5x5 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 diameter. 1/2" shank.

## **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".

## **Glueless Lug Nuts**

Open end lug nuts attach to the wheel with springs for FASTER pit stops! Kits contain 5 glueless lug nuts with springs attached and self-tapping screws for mounting.



## **Lug Nuts**

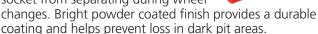
Large diameter, open end lug nuts are designed to fit most racing wheel applications and will not pull through the wheel. Nuts are available in steel or aluminum with SAE or metric threads and feature a 45° tapered seat.

Description	Pack Of 10	Box Of 100	Box Of 350	Box Of 400
Aluminum Lu	g Nuts			
5/8"-11 (Coarse) Double Chamfer	ALL44096	ALL44096-100	-	_
5/8"-11 (Coarse) Double Chamfer§	ALL44097	ALL44097-100	-	-
Steel Lug Nut	s (Heat Tre	ated and Zi	nc 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) <sup>^</sup>	ALL44101	ALL44101-100	ALL44101-350	_

§Hard coated.

#### Hex Pit Sockets With Extension

Hex style pit sockets with a built-in extension prevent extension and socket from separating during wheel



3/8" Drive ALL10234 ..... 5" ALL10235 ..... 12"

1/2" Drive 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.

ALL10242 ..... 5" ALL10241..... 11"

## Aluminum Wheel Adapter ALL44128

Adapter bolts to stock 5 x 4-1/2" or 4-3/4 bolt circle hub or axle flanges when adapting to 5 x 5" bolt circle pattern wheels. Adapter is fitted with 5/8"-11 coarse thread studs and measures 1" thick. Adapters are bolted from the backside of hub or axle using 1/2"-20 mounting hardware (not-included). Not for use with additional wheel spacers and additional machining may be required for proper installation.

<sup>^</sup>Most popular metric for GM, Ford and Chrysler.



### **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.



ALL44216 ..... 1/4" ALL44217 ..... 1/2" ALL44218 ..... 3/4" ALL44219 ..... 1"

### **Aluminum Wheel Spacers**

Spacers fit 4-1/2", 4-3/4" and 5" bolt circle patterns. Spacers increase track width, requiring less wheel offset. Sold



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 4x4-1/4" and 4x4-1/2" 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.



ALL44124 ..... 1/16" ALL44125 ..... 1/8" **ALL44126** ..... 1/4"

## **Aluminum Wide 5 Wheel Spacers**

One-piece aluminum spacer moves Wide 5 wheel outboard. Sold each.





## **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.

5 1	3
<b>ALL44210</b> 1/4"	<b>ALL44214</b> 3/4"
<b>ALL44211</b> 3/8"	<b>ALL44215</b> 1"
<b>ALL44212</b> 1/2"	

## **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.





## **Backing Pads And 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.

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.

ALL44188 ..... 8" Backing Pad ALL44189 ..... 8" Sanding Discs, 36 Grit ALL44198 ..... 8" Sanding Discs, 24 Grit ALL44197 ..... 8" Sanding Discs, 16 Grit

## Tire Grinding Discs











ALI 44183

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. Eve and hand protection is required.



ALL10770

### "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...... 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) 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



ALL99301

ALL99300

## **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



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.

### 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", 6/32", 8/32" and 10/32" flat blades.

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).

ALL99104

#### **Replacement Parts**

(for ALL10260)

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

#### **Replacement Parts**

(for ALL10270 and ALL10590)

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



ALL99105

ALL99392



ALL99106

ALL99393

ALL99306

#### 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.





ALL44028

Wide Jaw



#### "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, ALL10270 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.

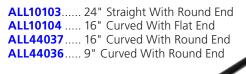
ALL10580 ..... #16 Flat, 16/32" ALL10582 ..... #20 Flat, 20/32" ALL10584 ..... #24 Flat, 24/32" ALL10586 ..... #32 Flat, 32/32"

### 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.



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 rounded ends help prevent damage to tire and wheel.



#### **Bead Breakers**

Convenient tool makes quick work of breaking down

even the most stubborn tire beads. Durable steel construction with rubber hand grips. Clamp the hook and inside jaw against the rim, while maintaining slight pressure on the outside handle, then press down on the inside handle,

using the outer jaws to separate the tire from the rim, moving around the rim as needed.

ALL44026..... Bead Breaker for 10" Wheels
ALL44027..... Bead Breaker for 13" Wheels
ALL10105..... Bead Breaker for 15" Wheels

ALL10106 ..... Bead Breaker for 15" Wheels Wide Jaw\*

ALL44028..... Bead Breaker w/Adjustable Arm for 10", 13" and 15" Wheels

\*Wide jaw bead breaker works well with soft sidewall tires, helping prevent damage to sidewall.

## **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



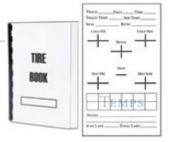
ALL10532



### **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.



#### **Tire Log Decal**

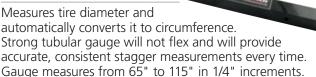
Easy to write on, vinyl decal is handy when recording impor-



tant tire information at the track. 8-1/2" x 2".

**ALL047** ...... 4-Pack **ALL047-40**.... 40-Pack

# Stagger Gauge



Replacement Part ALL99044..... Tape Decal



10' foot long tapes are ideal for measuring tire diameters and checking stagger.

**ALL10111** ...... Economy **ALL10112** ...... Deluxe



#### **Tire Crayons**

Ideal for temporary tire marking. 1/2" x 4-5/8".

**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.

ALL12050 ..... Aluminum ALL12051 ..... Yellow ALL12052 .... White ALL12053 ..... Red ALL12054 ..... Blue ALL12055 ..... Light Blue ALL12056 ..... Black ALL12057 ..... Orange



### **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 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

**ALL44056**..... 0-15 PSI, 2-1/4" **ALL44057**..... 0-30 PSI, 2-1/4" **ALL44058**.... 0-60 PSI, 2-1/4"

#### 4" Diameter

**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

1144047

**ALL12259**...... Holds Gauges Up To 3-1/2" O.D.

ALL12260 ..... Holds Gauges Up To 4" O.D.

### **Tire Gauges**

2" gauge has a 12" flex hose with swivel chuck and pressure release valve. Accurate to within +/- 1%.

**ALL44076** ..... 0-20 PSI **ALL44077** ..... 0-40 PSI



## **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.

**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.



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).



ALL44062..... Aluminum, 4-Pack

ALL44063..... Aluminum, Each

#### **Replacement Parts**

ALL44066..... Sealing Washer, 4-Pack

ALL44067..... Grommet, 4-Pack







ALL44066 ALL44067

### **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.

**ALL44134** ..... Brass Valve Stem. Fits .625" Hole **ALL44135** ..... Chrome Plated Brass Valve Stem.

Fits .453" or .625" Hole

#### **Replacement Parts**

ALL99150 ..... Valve Core, 10-pack ALL99151 ..... Valve Stem Caps, 10-Pack



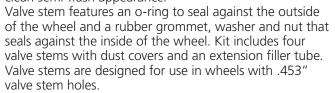
## **Snap-In Rubber Valve Stems**

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.

**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.



#### **Replacement Part**

ALL44138 ..... Replacement Filler Tube

#### **Valve Stem Cores**

This inner portion of the valve stem is often damaged or leaking. Cores are easy to replace with ALL44030 tool when replacing tires to assure a leak free valve stem. Universal design fits most standard valve stems.

**ALL99150** ............ 10-Pack **ALL99150-100** .... 100-Pack

## **Valve Stem Caps**

An often overlooked item, caps prevent dirt and debris from entering the core portion of valve stems. Stainless steel caps have an inner seal for additional sealing.

**ALL99151** ...... 10-Pack **ALL99151-100** .... 100-Pack

## **Hex Head Valve Stem Caps ALL44053**

Keep dirt and debris out of valve stems while providing an attractive finishing touch to wheels. Chrome plated brass hex caps fit most valve stems and have a built-in inner seal to prevent air loss. Package of 4.



# PERFORMANCE

#### **Allstar Hats**

Hats have Allstar logo embroidered on the front and an adjustable head band.



**ALL99951** ..... Black

ALL99957 ..... Black With Mesh Back ALL99959 ..... Black With White Mesh Back

## Allstar Beanie



#### Allstar T-Shirts

T-shirts have a large Allstar logo on the back and a small logo on the front left chest. Available in black, red, gray or charcoal. Specify size when ordering (YM\*, YL\*, S, M, L, XL, XXL, XXXL).

**ALL99902** ..... Black **ALL99904**..... Red **ALL99906**..... Gray ALL99907 ..... Charcoal

\*Sizes YM and YL only available in Black or Charcoal

## **Allstar Graphic T-Shirt**

## **ALL99903**

Black t-shirt with red and gray graphics on front and back. Specify size when ordering (S, M, L, XL, XXL, XXXL).



Dark gray t-shirts have a circle track theme and Allstar logos on front and back. Specify size when ordering (S, M, L, XL, XXL, XXXL).





## **Allstar Ladies Vintage T-Shirts**

Available in burgundy, charcoal or navy. Specify size when ordering (S, M, L, XL, XXL).

ALL99920 ..... Burgundy ALL99921 ..... Charcoal **ALL99922** ..... Navy



## **Allstar Full-Zip Hoodie**

#### **ALL99917**

Charcoal full zipper style hoodie features a small Allstar logo on left chest and is made from a 50/50 blend of soft spun cotton and poly fleece. Specify size when ordering (S, M, L, XL, XXL, XXXL).



## **Allstar Hoodie**

### **ALL99916**

Allstar hoodie features a two color design and is 100% polyester for a wrinkle free look. Specify size when ordering (S, M, L, XL, XXL, XXXL).



## Allstar Sweatshirt

## **ALL99912**

Black sweatshirt has a small Allstar logo embroidered on the left chest. Specify size when ordering (M, L, XL, XXL, XXXL).



Black hooded sweatshirt has large Allstar logo across the chest, drawstring hood and a large pocket. Specify size when ordering (YM, YL, S, M, L, XL, XXL, XXXL).







## **Allstar Lightweight Jacket**

**ALL99918** 

Black jacket has a small Allstar logo on front left chest area. Specify size when ordering (L, XL, XXL, XXXL).



Jacket has a small Allstar logo on front left chest area. Nylon shell and fleece liner Specify size when ordering (L, XL, XXL, XXXL).



## **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.



#### **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.



## Allstar **Umbrella ALL99960**

Versatile umbrella is only 16" long when retracted, but opens to a full 36". Easily stored.

#### Allstar Can Cooler ALL99965

ALLSTAN

Keep your hand warm and your favorite beverage cool and covered.





## **Merchandising Displays**

Allstar Performance merchandising displays for race, street and drag. Each 4' x 4' display features a variety of fast-selling products to satisfy customer needs. A layout diagram is supplied to simplify set up. Display packages include free bonus items such as Allstar header display, Allstar decals, Allstar hang tags and hooks. Display rack not included.

**ALL070** ... Circle Track ALL071 ... Circle Track ALL072 ... Drag Race

**ALL073** ... Street Performance ALL074 ... Open Wheel/Sprint

## **Brake Fitting Displays**

8" x 10" card includes an assortment (1 piece each) of popular brake line fittings. Visit website for breakdown.

ALL080	Display #1
ALL081	Display #2
ALL082	Display #3
ALL083	Display #4



#### Allstar Clock ALL99968

Silver framed 12" diameter clock features a bright white face with easy-to-read black numbers and hands. Includes AA battery.



ALLSTA



#### **Allstar Decals**

ALL029	2" x 6"
ALL030	3" x 10"
ALL031	6" x 18"
ALL032	8" x 26"
ALL034	10" x 32"



#### **Hang Tags ALL040**

Place tags behind product in showroom or parts trailer to provide part number, description and price information for reordering. Package of 100.



## Allstar Banner ALL010

Allstar Performance banner is 30" tall x 72" wide.



### **Black Plastic Bags ALL048**

18" L x 14-1/2" W. Package of 100.



## Allstar Showroom Display Header ALL038



Display header provides an excellent way to display Allstar products. Precut 6" x 48" black painted aluminum header may be trimmed to desired width.

### **Peg Hooks**

Peg hooks fit standard 1" spaced peg board. Available in 2", 4" or 6" lengths, 1/8" diameter. Package of 50.

**ALL054** ...... 2" **ALL055** ..... 4" **ALL056** ..... 6"

## **Product Fix-It Tags**

Clear plastic tags are used to repair or reinforce the peg hook hole of most carded and bagged product. Tags have a self-adhesive backing which provides a quick and easy option for repairing display merchandise.

**ALL020** ...... 10-Pack **ALL020-50** .... 50-Pack

## Catalog Display Rack ALL042

Display Allstar catalogs next to products on counter top or as part of pegboard or slat wall display. Includes 10 Allstar Performance catalogs.



#### Allstar Counter Mat ALL062

18" L x 11-1/2" W.







Mike Spatola

Steve Peeden



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#### **Returns**

To make sure that the item(s) get quickly processed, please follow these simple steps.

- 1. Call and request an RGA (Returned Goods Authorization) number for the merchandise you wish to return. All merchandise to be returned must be accompanied by an RGA number and be in its original packaging. The product must be unused, unaltered and unchanged from its original state (unless it is a potential warranty issue). Any merchandise returned that does not meet this criteria may be subjected to an additional handling fee or refusal.
- Pack the parts carefully to avoid any damage during shipping. Always use a sturdy shipping carton to ship the parts back. Print your RGA number on the outside of the shipping carton. Please do not write on, use tape, or affix shipping labels to the product package itself, because we must return it to stock and we can't sell a box that is defaced.
- 3. We need the invoice number or, better yet, a copy of the original invoice showing when the part was purchased. Please include this information with the merchandise you're returning. We're sorry, but we can not accept returns on custom-built items.

#### Warranty

Allstar Performance® warrants each new product to be free from defects in both workmanship and materials for a period of ninety (90) days from the date of purchase. Product in question should either be returned to the dealer from which it was purchased, or shipped directly to Allstar Performance® along with an RGA (see above), proof of purchase and a complete description of the problem. The product must be returned freight pre-paid; COD's will not be accepted. No parts will be reviewed for inspection if modifications have been made. If, after factory inspection, the part is deemed to be defective, it will be replaced or a refund check will be issued.

### **Disclaimer of Warranty**

#### **ALLSTAR PERFORMANCE makes no warranties...**

Allstar Performance products are designed for Off-Road use and makes no written, oral, expressed, or implied statement of warranty or guarantee on any product sold. Allstar Performance will not assume liability for personal or property damage resulting from the use or misuse of any product we manufacture or sell. Purchase and/or use of these products implies recognition and acceptance of this entire warranty and disclaimer by customer.

#### **Printing Disclaimer...**

Allstar Performance reserves the right to update, change or modify any product or policy deemed necessary without notice. Every effort has been made to avoid printing errors, in this catalog and previous versions. We disclaim any responsibility for application or specification errors.

# **Items That Require Additional Shipping Charges**

Some items in this catalog are too large for ground shipment and therefore must be shipped via truck freight (pre-paid), some of these items may also include a shipping pallet surcharge. Throughout this catalog, the parts that require truck freight or a pallet for shipment will be marked with an appropriate icon.

**Note:** Some packages and/or shipments may be subject to the application of dimensional weight when calculating freight charges. Dimensional weight, when applied, may be significantly greater than the actual weight of a package and/or shipment and generally applies to products which are not very heavy, but large in volume (I xWxH).







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#### **INCH/METRIC CONVERSION TABLE**

Inch				Inch		In	Inch	
Fraction	Decimal	ММ	Fraction	Decimal	MM	Fraction	Decimal	ММ
	0.00004	0.001	17/64	0.2656	6.746		0.6693	17.0
	0.00039	0.01		0.2756	7.0	43/64	0.6719	17.066
	0.0010	0.025	9/32	0.2812	7.1437	11/16	0.6875	17.4625
	0.0020	0.051	19/64	0.2969	7.5406	45/64	0.7031	17.859
	0.0030	0.0762	5/16	0.3125	7.9375		0.7086	18.0
	0.00394	0.1		0.3150	8.0	23/32	0.7187	18.256
	0.0050	0.1270	21/64	0.3281	8.334	47/64	0.7334	18.653
	0.00984	0.25	11/32	0.3437	8.731		0.7480	19.0
	0.0100	0.254		0.3543	9.0	3/4	0.7500	19.05
1/64	0.0156	0.396	23/64	0.3594	9.1281	49/64	0.7656	19.446
1/32	0.0312	0.793	3/8	0.3750	9.525	25/32	0.7815	19.843
	0.03937	1.0	25/64	0.3906	9.9219		0.7874	20.0
3/64	0.0469	1.191		0.3937	10.0	51/64	0.7969	20.240
	0.0591	1.5	13/32	0.4062	10.318	13/16	0.8125	20.6375
1/16	0.0625	1.5875	27/64	0.4219	10.716		0.8268	21.0
5/64	0.0781	1.984		0.4331	11.0	53/64	0.8281	21.034
	0.0787	2.0	7/16	0.4375	11.1125	27/32	0.8437	21.431
3/32	0.0937	2.381	29/64	0.4531	11.509	55/64	0.8594	21.828
	0.0984	2.5	15/32	0.4687	11.906		0.8661	22.0
	0.1000	2.54		0.4724	12.0	7/8	0.8750	22.225
7/64	0.1094	2.778	31/64	0.4844	12.303	57/64	0.8906	22.621
	0.1181	3.0	1/2	0.5000	12.7		0.9055	23.0
1/8	0.1250	3.175		0.5118	13.0	29/32	0.9062	23.018
	0.1387	3.5	33/64	0.5156	13.096	59/64	0.9219	23.416
9/64	0.1406	3.571	17/32	0.5312	13.493	15/16	0.9375	23.8125
5/32	0.1562	3.968	35/64	0.5469	13.891		0.9449	24.0
	0.1575	4.0		0.5512	14.0	61/64	0.9531	24.209
11/64	0.1719	4.366	9/16	0.5625	14.2875	31/32	0.9687	24.606
	0.1772	4.5	37/64	0.5781	14.684		0.9843	25.0
3/16	0.1875	4.7625		0.5906	15.0	63/64	0.9844	25.003
	0.1969	5.0	19/32	0.5937	15.081	1	1.0000	25.4
13/64	0.2031	5.159	39/64	0.6094	15.478		1.0630	27.0
7/32	0.2187	5.556	5/8	0.6250	15.875		1.1024	28.0
15/64	0.2334	5.953		0.6299	16.0		1.1811	30.0
	0.2362	6.0	41/64	0.6406	16.271	1 1/4	1.2500	31.75
1/4	0.2500	6.35	21/32	0.6562	16.668		1.2992	33.0

Inc	h/N	∕letri	ic Coı	nversi	ion l	Factors

Inches x 25.4 = Millimeters

Millimeters x .03937 = Inches

Sq. Inches x 6.4515 = Sq. Centimeters

Sq. Centimeters x . 155 = Sq. Inches

Pounds x.4536 = Kilograms

Kilograms x 2.2046 = Pounds

Lbs. per in. $^2$  x .0703 = kg per cm $^2$ 

kg per cm $^{2}$  x 14.2231 = Lbs. per In. $^{2}$ 

Newtons x .2248 = Pounds(Force)

### **Temperature Conversion (Approximate)**

Degrees C = (Degrees F -32)(.5556)

Degrees F = (Degrees C)(1.8)+32



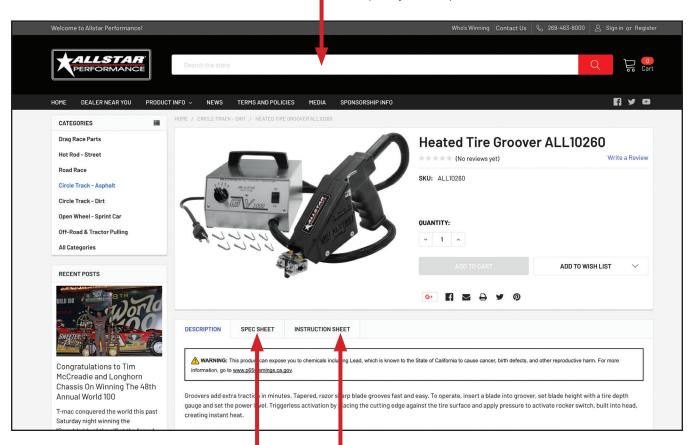
Jeff Leka



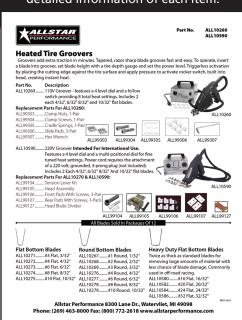
## www.allstarperformance.com

#### PART NUMBER AND KEYWORD LOOKUP

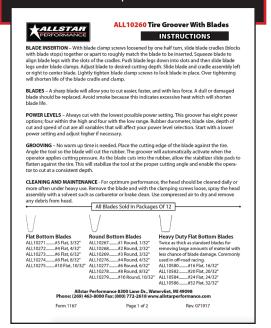
Type a part number or keyword into the search field to quickly locate parts.



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