



External Oil Pump Pickup Kit for Aluminum Wet Sump Pans
Part # 24865 (#12AN), # 24866 (#16AN)

Parts List

Billet Pick Up Tube - #16 internal thread (1-5/16" -12 thread) - Qty 1
#16AN to #12AN fitting with mesh screen (24865) - Qty 1

-OR-

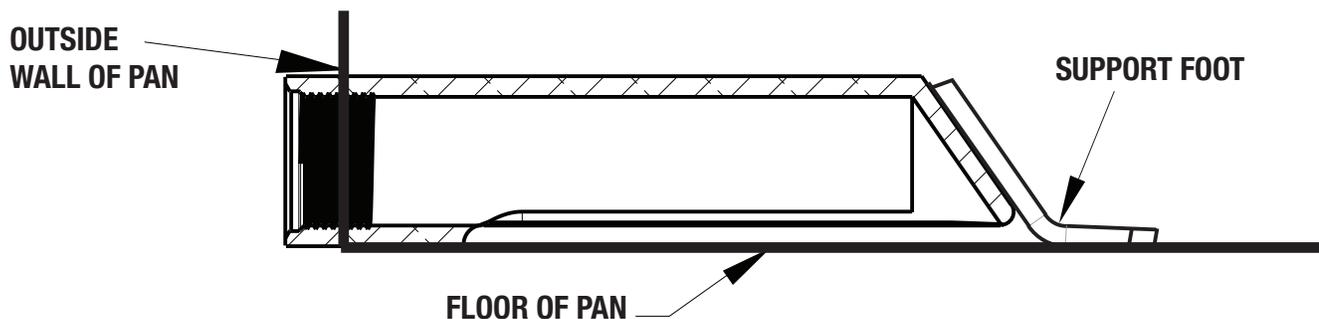
#16AN x 1-5/16 -12 straight thread fitting with mesh screen (24866) - Qty 1
Sheet Metal Pickup Support Foot - Qty 1

-Begin by choosing the position you want the pick up tube to protrude from while not interfering with exhaust, chassis, or other components.

-Check inside the oil pan for baffles or move trap doors that could cause an issue with the pick up location and performance.

-For best results, do not place the pick up less than .750" from a wall. This will stall out the ability for the pick-up to properly draw from that side. Do not place pick up against the back wall of an oil pan. It will not work as well!

-The diameter of the Pick Up Tube is 1.625". It is suggested to start with a 1.500" hole as close to the inside floor of the oil pan. It will be easier to remove material and ensure the pick up is sitting as low to the inside floor as possible.



-The sheet metal foot should be attached to both the pick up tube and the floor of the pan to set a horizontal setting to the oil pan floor.

-When setting the distance of the pick up tube threaded end out the side of the oil pan, make sure at least 4 to 5 threads are outside of the opening (see photo). This will ensure that when its welded, the heat will not distort the threads so much that you will not be able to install the screen fitting.

-If it's welded nearly flush, chances are that you will need to run a tap to ensure the fitting will thread in. This will require a 1-5/16"-12 tap.

-If its being welded nearly flush, prevent the edge from being melted, as this will interfere with the o-ring groove and the sealing of the fitting when installed.

-Moroso recommends using a 5356 or 4043 welding rod.

For Technical Assistance, Call Moroso's Tech Line (203) 458-0542, Mon. thru Fri. 8:30 A.M. - 5:00 P.M. EST

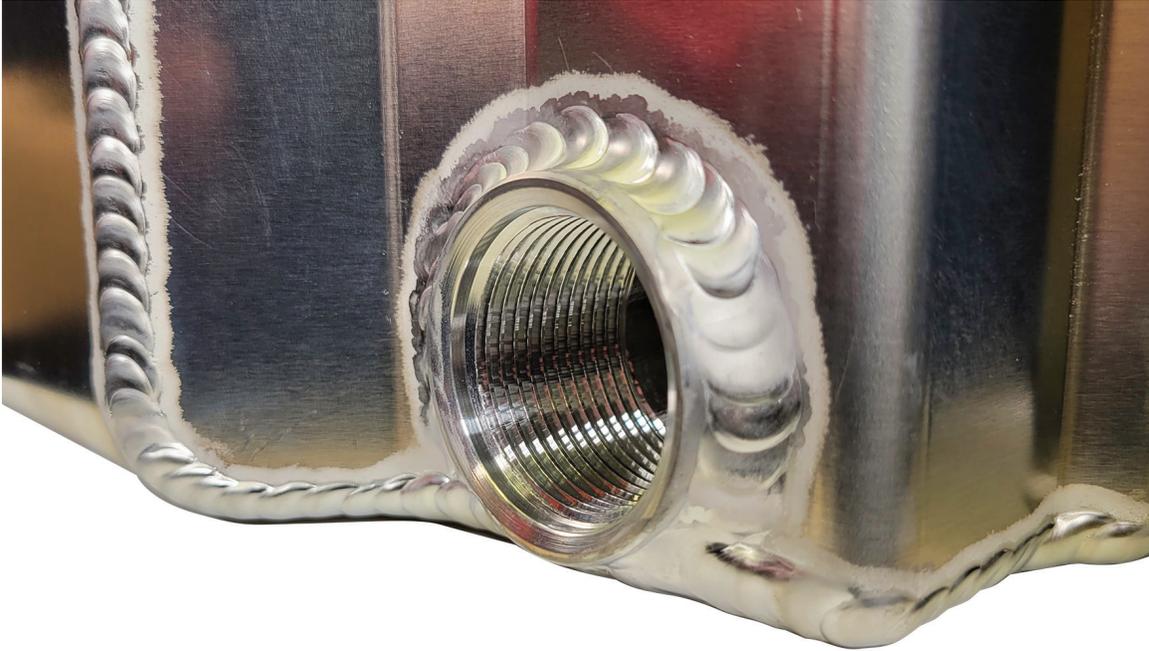
Moroso Performance Products

80 Carter Dr.

Guilford, CT 06437



Note amount of thread past the sheet-metal and location of weld bead.



Note position of pickup tube in relation to the back of the pan, as well as position of support foot.



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