



Product Instructions

Oil Pan Installation

We would like to thank you for your purchase. To insure the best results, we recommend the following:

- 1) Please read the limited warranty on the reverse side.
- 2) Because of many different engine chassis combinations and the variety of aftermarket products available, it is always a good idea to check for interference and to make sure you have the right oil pan for your application. Before installing the oil pan a check for interference with the rods, frame members, headers, etc. should be done. If there is a problem, we will be glad to work out a solution. However, pans that have been reworked or modified in any way, cut or notched to clear main caps, or pans that have been damaged will not be accepted for return. If you have a problem with the pan, call or write us. We have the equipment to straighten out or repair most problems.
- 3) Make sure that the oil pan gasket that you use is OEM or better in quality and is the proper gasket for the application. Most of our oil pans require the OEM gasket, the two exceptions are as follows; Our pre'80 Small Block Chevy oil pans use the '75 and up thick front seal gasket and our Ford 302 and 351W oil pans use the one or four piece gasket (pan specific). If you need assistance with your oil pan gasket needs, please give us a call.
- 4) Clean your oil pan thoroughly before installation. If your pan has a bolt-in windage tray or slosch baffle, they should be removed during cleaning. All bolts, nuts and screws should be lock tightened when the windage tray or slosch baffle is replaced. Teflon tape should be used on all pipe thread connections. Make sure the drain plug is tight, 1/4 turn past finger tight is ideal.
- 5) On press fit oil pump pickups, we have swedge cut the first 1/4" of tubing to allow easier pickup installation into the oil pump. We recommend that you warm the pump and cool the pickup tube. This will make installation easier and will help hold the pickup in place when both reach the same temperature again. If force needs to be applied, use a plastic or rubber hammer on the built in hammer bracket to limit damage to the tube. The oil pump pickup to the oil pan clearance, should be checked. With the pickup and pump installed, measure the distance between the pickup screen and the block. Compare the dimension with the pan depth. We recommend 1/4" to 3/8" on small block Chevy motors and 3/8" to 1/2" on small block Fords which require a lot of oil. All oil pump pickups with a press in tube should be tack welded to the oil pump.
- 6) On long stroke motors or where aftermarket connecting rods are used, the internal clearance should be checked. With the pan in place, rotate the motor backward by hand. On some four bolt main motors, the scraper in some of our Pro style Power Pans will need to be notched.

CONTINUED ON REVERSE

Oil Pan Installation

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INSTALLATION OF THE OIL PAN TO THE ENGINE BLOCK

- 1) Make sure that all of mounting surfaces, fasteners and mounting holes in the engine block are clean. This can be accomplished by using a good evaporative brake or parts cleaner.**
- 2) Spread a thin bead of RTV silicone sealant along the oil pan rails, remember that too much sealant can ruin the end result. On non-skirted engine blocks apply a little extra RTV silicone sealant at the corners of the gasket, where the radius meets the flat oil pan rail. If you don't want to apply the RTV silicone sealant along the whole oil pan rail at least apply it at the ends of the gasket. Apply the gasket by lightly working it down around the oil pan to spread out the RTV silicone and let sit overnight.**
- 3) Carefully spread a thin bead of RTV silicone sealant along the oil pan gasket where it meets the engine block, remember that too much sealant can ruin the end result. Apply a light coat of sealant to the threads of the mounting hardware. Move into position the oil pan on the engine block, making sure that the gasket stays in position. Uniformly finger tighten the oil pan mounting hardware by a couple of threads in a criss-cross fashion. Go back and torque in a criss-cross fashion the 1/4"-20 oil pan mounting hardware by 10 ft lbs, the 5/16"-18 oil pan mounting hardware by 12 ft lbs and let sit overnight before filling with oil.**