



4.6 / 5.4 Ford Oil Pans

Always consult a factory Service Manual for complete removal and assembly instructions.

SAFETY

Always wear safety glasses and use proper safety equipment. Use approved jack stands when working under your vehicle, or put car safely on a lift.

CLEANLINESS

Before final assembly, make sure all parts are thoroughly cleaned. This also means inside the Oil Pan and around all the baffles.

OIL PUMP PICKUPS

Be sure you are using the correct pickup with your Moroso Oil Pan. Refer to a Moroso catalog for the proper part number. The pickup should be positioned 3/16" to 3/8" off the bottom of the oil pan.

GASKETS

Use an OEM or equivalent quality gasket. Many off-brand gaskets are poorly manufactured and our experience is that many leaks are directly traceable to poor gasket quality. After you have installed the gaskets, we highly recommend using a dab of RTV silicone sealer at each corner. If you use silicone sealer on the rail gaskets, remember only a thin film is necessary and more than that may lead to problems. To avoid another potential leak, be careful not to over-tighten the drain plug.

PIPE PLUGS

This Oil Pan is equipped with two 1/2" NPT pipe plugs and one drain plug. The Pipe Plugs are supplied for oil drain back, such as when using a turbo. If these Plugs are not going to be used they will need to be removed and a Teflon type tape put on the threads and tightened securely.

OIL PAN FIT

Due to the welding done on these pans, there is always a chance of slight warping. While our specially designed fixtures greatly reduce the warping factor, you may encounter a slight "rocking" effect when laying the pan down. Once the pan is drawn down securely by the bolts and the engine is run, you will find the pan will take a "set" in the straightened position. We have found that an initial "rocking" of up to 1/4" on a new pan is completely acceptable. Using silicone on the corners of the rail gaskets will prevent any possibility of leaks. Also, if this oil pan contains hinged trap door style baffles, it is advisable to install the pan with the engine upright to insure no trap doors will be stuck open.

WINDAGE TRAY

Refer to a Moroso catalog for the proper windage tray to be used with your oil pan. We recommend using Moroso P/N 22933.

For Technical Assistance, call Moroso's Tech Line at
(203) 458-0542, (203) 458 0546 8:30am-5:00pm Eastern Time

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