



## INSTALLATION INSTRUCTIONS FORD 5.0L (COYOTE) OIL PANS

### **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**

All parts must be thoroughly cleaned prior to installation, including oil pan interior and baffling.

### **OIL PUMP PICKUP**

Be sure you are using the correct pickup with your Moroso oil pan. Check our catalog on website for the proper P/N. Recommended clearance between pickup cup and oil pan bottom is 3/16" to 3/8".

### **GASKET / WINDAGE TRAY**

This oil pan is intended to be used with the OEM one-piece gasket/windage tray, which is reusable. Clean and inspect prior to reinstallation.  
If a replacement is required, contact your preferred genuine Ford parts supplier.  
Apply sealer at the four corners, where gasket ridge doubles, to OEM specifications.  
Torque fasteners to OEM specifications.

### **PORTS / PLUGS**

In addition to a standard magnetic drain plug, this oil pan features a front 1/2" NPT port for a supercharger or turbocharger oil return.

The supplied pipe plug should be Teflon taped and tightened securely if this port is not utilized.

The 20MM port located on the left side of the oil pan is for the factory low-oil warning sensor. If you are not using this sensor, Moroso **#22738** 20MM plug & copper washer is available.

### **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 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.

Oil pan should be installed with the engine in an upright position to insure proper trap door baffle function.

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

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