



**FORD OIL PUMP PICKUP  
P/N 24529 & 24535  
INSTRUCTIONS**

**IMPORTANT:** Thoroughly clean the pickup and any new parts being installed.

**Parts Included:**

- (1) 24500119- Pickup Gasket
- (1) 38192010- 1/2-13 & 20, 3/8-24 x 5.2" Long Main Cap Stud
  - (1) 0708014 – 1/2-20 Hex Nut
- (2) 38310100- 1/2" Chrome Moly Steel Washer
- (1) 0706019- 3/8-24 Serrated Face Flange Nut
  - (2) 0505061- 5/16-18 SHCS

- 1) Drain engine oil, remove the engine oil pan and existing oil pump pickup and old gaskets.
- 2) Remove the #3 passenger side main cap bolt and replace it with the supplied main cap 1/2-13 & 20 stud. Thread the stud into the engine block until it bottoms out and torque to 10 ft-lbs.
- 3) Install the Chrome Moly Washer, then the Hex Nut, and torque to factory main cap specifications.
- 4) Place the pickup bracket onto the stud. If there is any additional exposed thread place additional 1/2" washer over the stud against the bracket, and loosely fasten the 3/8-24 serrated face nut.
- 5) Install the gasket to the pump face and re-install the 5/16 SHCS. Torque the screws to factory specifications. Go back and torque the serrated nut securing the pickup bracket to the stud at 35 ft-lbs. (Ref FIG 1 & 2)
- 6) Check pickup. Put clay or putty on four corners of the pickup screen and install gaskets. Place oil pan on engine and secure tightly. Remove the oil pan and measure the height of the crushed clay/putty. The recommended proper clearance should be 3/16" to 1/2". If necessary make adjustments.
- 7) Install gasket/gaskets and sealant as recommended by the factory.
- 8) Reinstall the oil pan and torque to factory specifications. Then add and check for proper oil level.

**For Technical Assistance, call Moroso's Tech Line  
(203)-458-0542, 8:30am-5:00pm Eastern Time  
MOROSO PERFORMANCE PRODUCTS, INC.**

**80 CARTER DRIVE**

**GUILFORD, CT 06437**

**www.moroso.com**

REV A.  
071724

24529\_INST

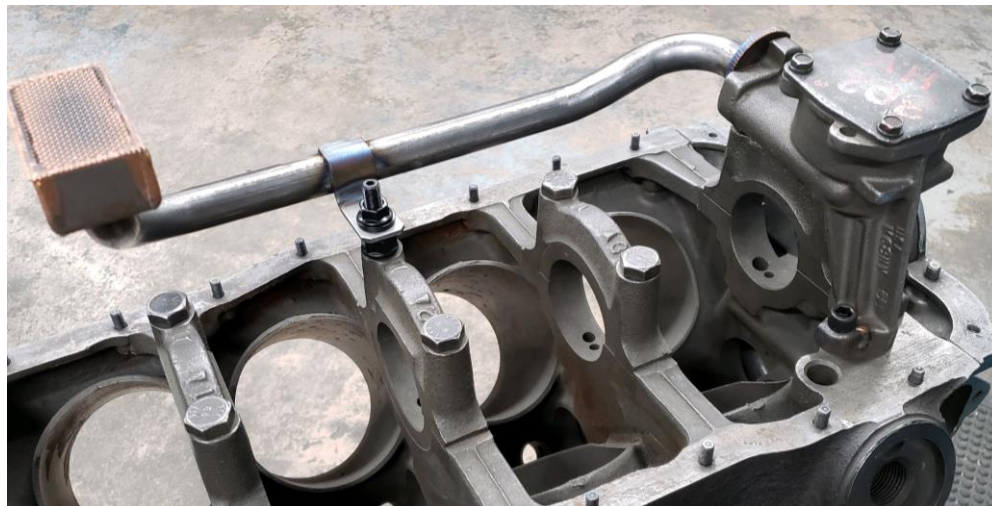


FIG 1



FIG 2

**For Technical Assistance, call Moroso's Tech Line  
(203)-458-0542, 8:30am-5:00pm Eastern Time  
MOROSO PERFORMANCE PRODUCTS, INC.**

**80 CARTER DRIVE  
GUILFORD, CT 06437  
www.moroso.com**

REV A.  
071724

24529\_INST