



## BLUEPRINTED RACING OIL PUMP

### Installation Instructions

**NOTE:** The inlet passage of this pump is 3/4" in diameter. Check the Moroso catalog for the proper pickup for your pan and pump combination.

*The following precautions should be used when installing a new oil pump.*

### **CLEANLINESS**

1. Be sure to thoroughly clean the Oil Pump inside and out to eliminate any dust or dirt that might be present. Before installing on engine, submerge the pump in clean oil and rotate the gears by hand. The intermediate shaft should be rotated in a clock-wise direction.

### **CLEARANCE**

2. After the pump is installed on the engine, install the distributor and check end play of the oil pump drive shaft. If no end play is present, corrective measures must be taken or the pump drive gear will score the pump cover causing premature pump failure and possible bearing problems. Before final installation of the oil pan, check the clearance between the pickup screen and the oil pan bottom. Ideal clearance is 1/4" to 3/8". It is also important to ensure there is no interference with Oil Pump and crankshaft, connecting rods and any baffles or screens in the oil pan.

### **OIL PRESSURE**

3. Maximum pressure is usually in the 60-80 psi range. If lower oil pressure is desired;

#### **BIG BLOCK OIL PUMP:**

Remove high pressure spring by removing the socket head retainer screw. Take out the high pressure spring and replace with the plain steel spring apply thread lock to retainer screw and torque to 15lbs. .

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

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