



## **Performance Oil Pump and pickup** **Installation Instruction**

The following precautions should be followed when installing a new oil pump:

1. **Cleanliness**

Be sure to thoroughly clean Oil Pump inside and out. Before installing submerge pump in oil and rotate by hand.

2. **Clearance**

After the pump is installed on the engine, make sure that the Oil Pump Shaft does not rub the main cap or block. Also check that there is .008 to .010 end play. If no end play is detected, corrective measures must be taken to prevent premature pump failure and possible bearing problems. Before final installation of the oil pan, check the clearance of the Oil Pump Pickup Screen and the pan bottom.

Ideal clearance for this pickup is 1/4" to 3/8" from the bottom of the pan (Measured without a gasket). This will ensure adequate oil supply.

3. **Oil Pressure**

Oil Pressure readings will usually be between 60-80lbs. when the engine is cold.

Once the engine has had a chance to warm up the oil pressure will depend on the engine and how the engine was built.

**Notes:**

A. With high volume oil pumps, a new intermediate shaft with a pinned steel sleeve must be used. Moroso and other manufacturers offer driveshafts with steel sleeves.

B. If the steel sleeve is not used, the drive shaft of the oil pump can be damaged, resulting in failure of the pump.

**NOTE: Failure to follow this warning voids any warranty of this product.**

**NOTE: This pump is assembled at the factory with a purple high pressure spring. If a lower oil pressure is desired install the (brown) oil pressure spring, included with this pump.**