

**INSPECTION**

**TIP CLEARANCE**

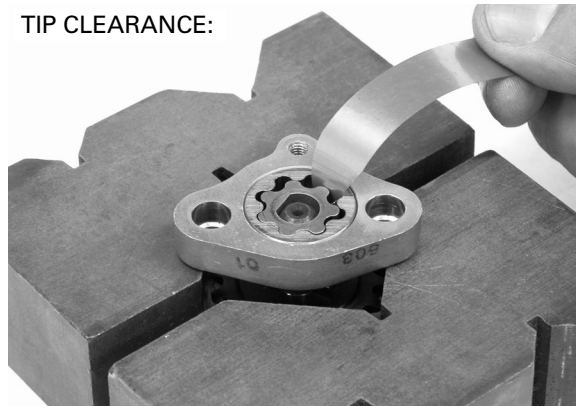
- Measure at several points and use the largest reading to compare the service limit.

Temporarily install the outer rotor and inner rotor to pump body and oil pump shaft into the oil pump inner rotor.

Measure the clearance between the outer rotor and the inner rotor with a feeler gauge.

**SERVICE LIMIT: 0.20 mm (0.008 in)**

TIP CLEARANCE:



**BODY CLEARANCE**

Measure the clearance between the oil pump body and the outer rotor with a feeler gauge.

**SERVICE LIMIT: 0.35 mm (0.014 in)**

BODY CLEARANCE:

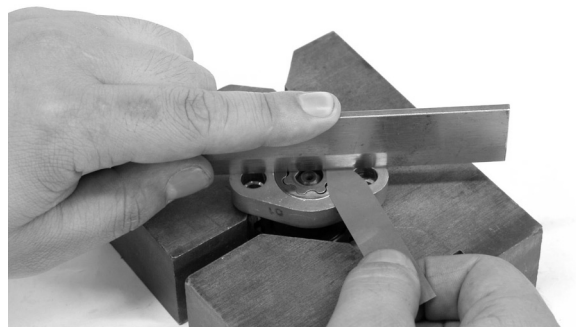


**SIDE CLEARANCE**

Measure the side clearance using a straight edge and a feeler gauge.

**SERVICE LIMIT: 0.12 mm (0.005 in)**

SIDE CLEARANCE:



**INSTALLATION**

Install the oil pump to the crankcase by aligning the dowel pins and holes.

