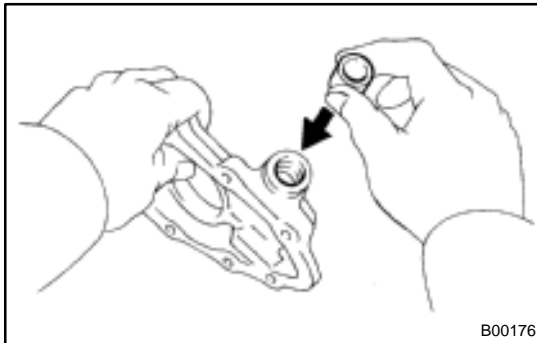


INSPECTION

1. INSPECT OIL JET

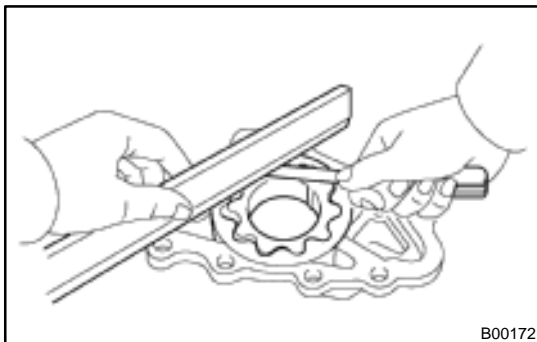
Check the oil jet for damage or clogging.
If necessary, replace the oil pump assembly.



2. INSPECT RELIEF VALVE

Coat the valve with engine oil and check that it falls smoothly into the valve hole by its own weight.

If it does not, replace the relief valve. If necessary, replace the oil pump assembly.



3. INSPECT ROTOR SIDE CLEARANCE

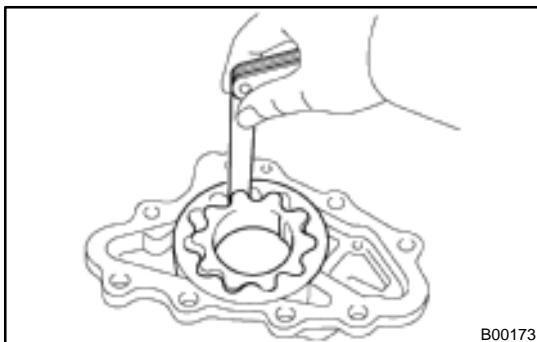
Using a feeler gauge and precision straight edge, measure the clearance between the rotors and precision straight edge.

Standard side clearance:

0.025 – 0.071 mm (0.0010 – 0.0028 in.)

Maximum side clearance: 0.071 mm (0.0028 in.)

If the side clearance is greater than maximum, replace the rotors as a set. If necessary, replace the oil pump assembly.



4. INSPECT ROTOR TIP CLEARANCE

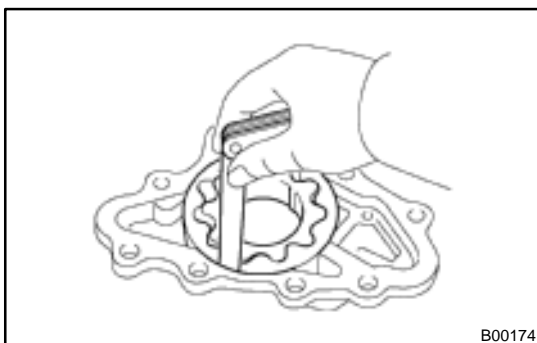
Using a feeler gauge, measure the clearance between the drive and driven rotor tips.

Standard tip clearance:

0.040 – 0.160 mm (0.0016 – 0.0063 in.)

Maximum tip clearance: 0.160 mm (0.0063 in.)

If the tip clearance is greater than maximum, replace the rotors as a set.



5. INSPECT ROTOR BODY CLEARANCE

Using a feeler gauge, measure the clearance between the driven rotor and body.

Standard body clearance:

0.260 – 0.325 mm (0.0102 – 0.0130 in.)

Maximum body clearance: 0.325 mm (0.0130 in.)

If the body clearance is greater than maximum, replace the rotors as a set. If necessary, replace the oil pump assembly.