

INSPECTION

1. INSPECT DRIVEN ROTOR BODY CLEARANCE

- (a) Install the drive rotor and driven rotor to the rear extension housing.
- (b) Using a feeler gauge, measure the body clearance between the drive rotor and extension housing.

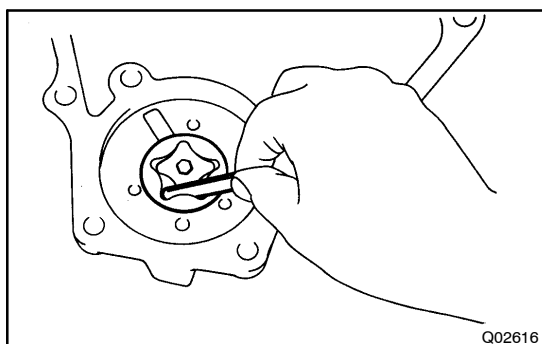
Standard clearance:

0.08 – 0.17 mm (0.0031 – 0.0067 in.)

Maximum clearance:

0.17 mm (0.0067 in.)

If the body clearance exceeds the maximum, replace the drive rotor and driven rotor.



2. INSPECT DRIVEN ROTOR TIP CLEARANCE

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

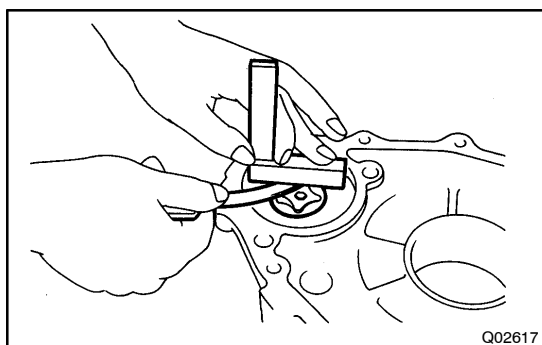
Standard clearance:

0.05 – 0.15 mm (0.0020 – 0.0059 in.)

Maximum clearance:

0.15 mm (0.0059 in.)

If the tip clearance exceeds the maximum, replace the drive rotor and driven rotor.



3. INSPECT OIL PUMP SIDE CLEARANCE

Using a steel straight edge and feeler gauge, measure the side clearance of oil pump.

Standard clearance:

0.03 – 0.10 mm (0.0012 – 0.0039 in.)

Maximum clearance:

0.10 mm (0.0039 in.)

If the side clearance exceeds the maximum, replace the drive rotor and driven rotor.