

INSPECTION

1. INSPECT DRIVEN ROTOR BODY CLEARANCE

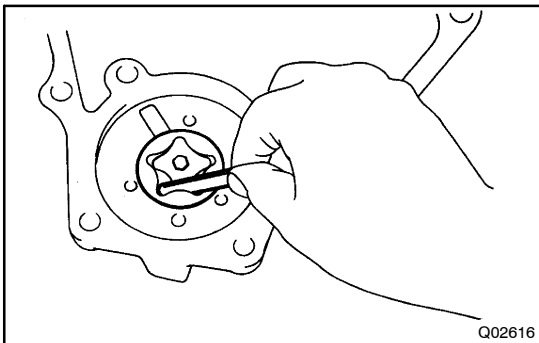
- (a) Install the drive rotor to the driven rotor.
- (b) Using a feeler gauge, measure the body clearance between the drive rotor and extension housing.

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

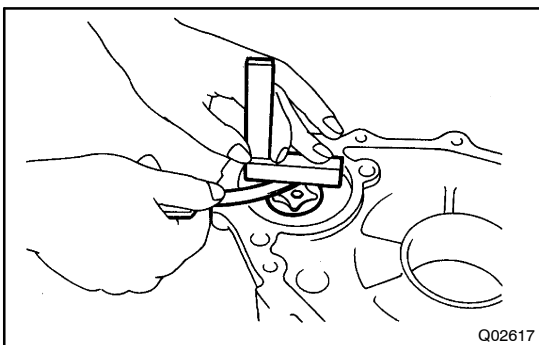
Using a feeler gauge, measure the tip clearance between the drive rotor and driven rotor.

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.