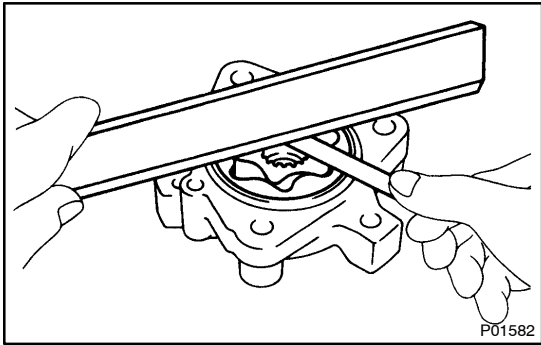


INSPECTION

1. INSPECT DRIVE AND DRIVEN ROTORS

- (a) Install the drive and driven rotors to the motor housing with the dot mark facing upward.



- (b) Using a feeler gauge and precision straight edge, measure the side clearance between the rotor and precision straight edge.

Standard side clearance:

0.01 – 0.04 mm (0.0004 – 0.0016 in.)

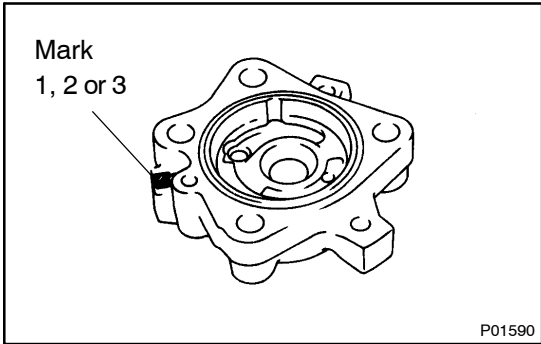
Maximum side clearance:

0.05 mm (0.0020 in.)

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

HINT:

When replacing the rotors, select a new rotor set according to the imprinted mark on the motor housing.



Imprinted mark on housing	Rotor set
1	16906-50010
2	16906-50020
3	16906-50030

2. INSPECT OIL CLEARANCE OF DRIVE SHAFT

- (a) Using a caliper gauge, measure the shaft hole inside diameter of the housing and cover.

Shaft hole inside diameter:

14.000 – 14.011 mm (0.5512 – 0.5516 in.)

- (b) Using a micrometer, measure the drive shaft diameter.

Shaft diameter:

13.973 – 13.984 mm (0.5501 – 0.5506 in.)

- (c) Subtract the drive shaft diameter measurement from the shaft hole diameter measurement.

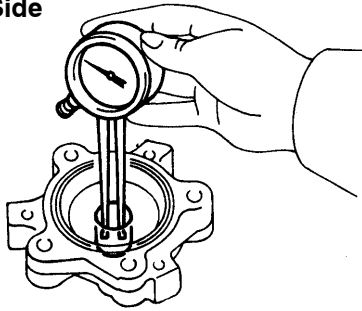
Standard clearance:

0.016 – 0.038 mm (0.0006 – 0.0015 in.)

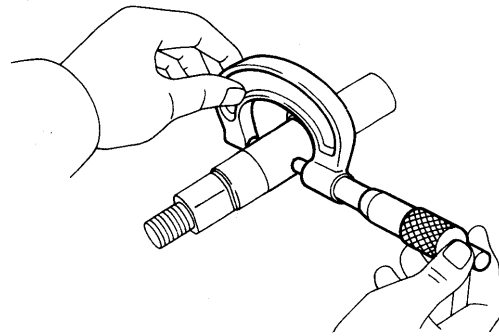
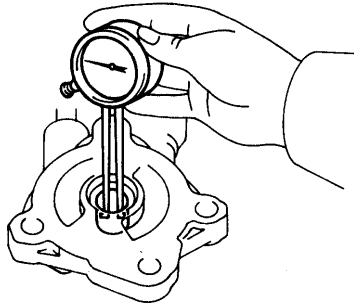
Maximum clearance:

0.04 mm (0.0016 in.)

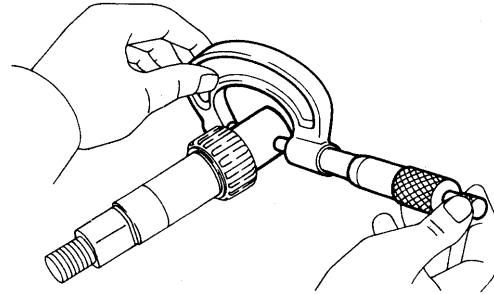
If the clearance is greater than maximum, replace the shaft. If necessary, replace the motor assembly.

Housing Side

C01317 C01299

**Cover Side**

C01318 C01300



Z06802