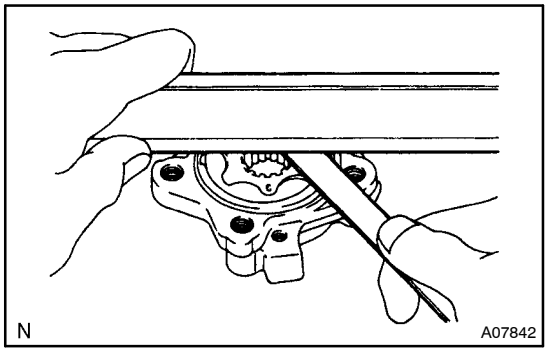
CO0TX–01



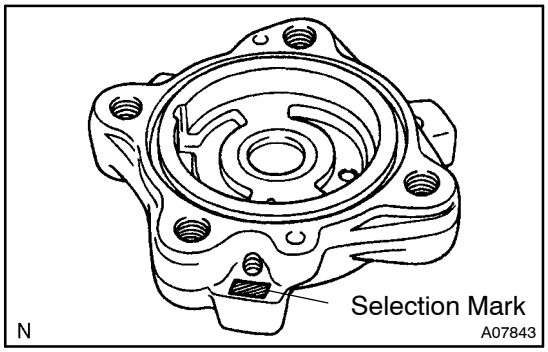
INSPECTION

1. INSPECT DRIVE AND DRIVEN ROTORS

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

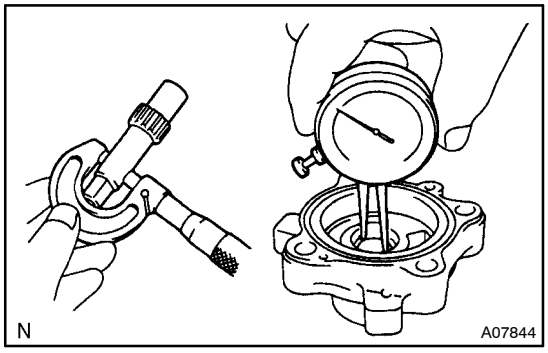
Standard side clearance:
0.01 – 0.04 mm (0.0004 – 0.0016 in.)
Maximum side clearance:
0.05 mm (0.0020 in.)

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	16906–46010
2	16906–46020
3	16906–46030
4	16906–46040
5	16906–46050



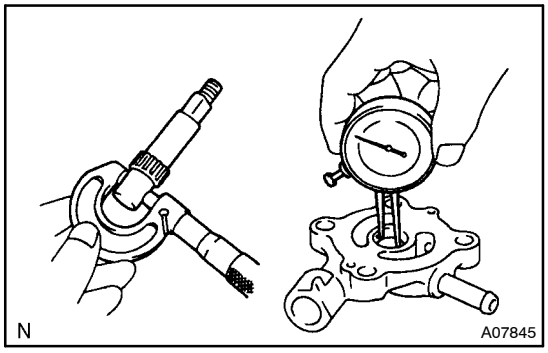
2. INSPECT OIL CLEARANCE OF DRIVE SHAFT AND HOUSING

(a) Using a caliper gauge, measure the shaft hole inside diameter of the housing.
Shaft hole inside diameter:
14.010 – 14.021 mm (0.55157 – 0.55201 in.)

(b) Using a micrometer, measure the drive shaft diameter.
Shaft diameter:
13.987 – 13.995 mm (0.55067 – 0.55098 in.)

(c) Subtract the drive shaft diameter measurement from the shaft hole diameter measurement.
Standard clearance:
0.015 – 0.034 mm (0.00059 – 0.00134 in.)

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



3. INSPECT OIL CLEARANCE OF DRIVE SHAFT AND COVER

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

Shaft hole inside diameter:
14.015 – 14.021 mm (0.55177 – 0.55201 in.)

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

Shaft diameter:
13.987 – 13.995 mm (0.55067 – 0.55098 in.)

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

Standard clearance:
0.020 – 0.039 mm (0.00079 – 0.00154 in.)

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