

REASSEMBLY

1. INSTALL OIL SEAL RING

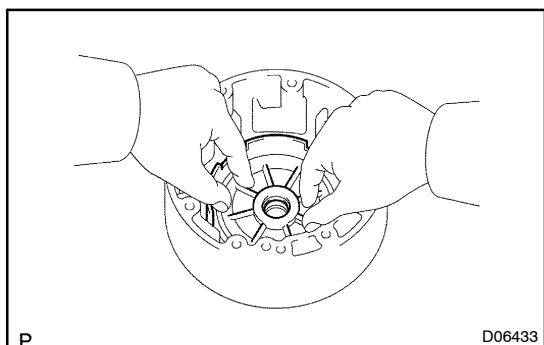
- (a) Coat the 2 oil seal rings with ATF.
- (b) Contact the oil seal rings and install them onto the O/D case.

NOTICE:

Do not spread the ring ends more than necessary.

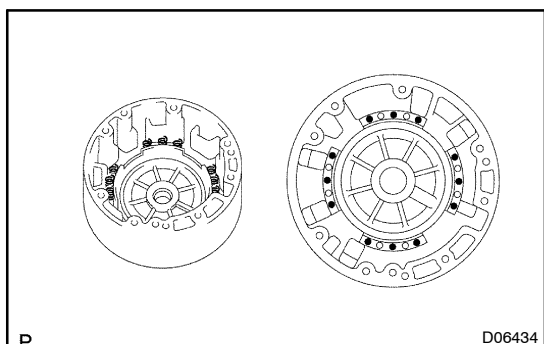
HINT:

After installing the oil seal rings, check that they rotate smoothly.



2. INSTALL O/D BRAKE PISTON

- (a) Coat 2 new O-rings with ATF and install them on the O/D brake piston.
- (b) Being careful not to damage the O-rings, press in the brake piston into the O/D case with both hands.

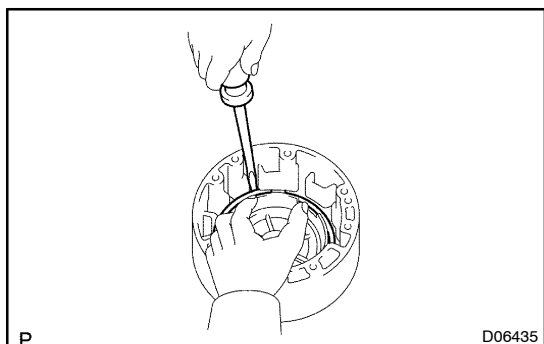


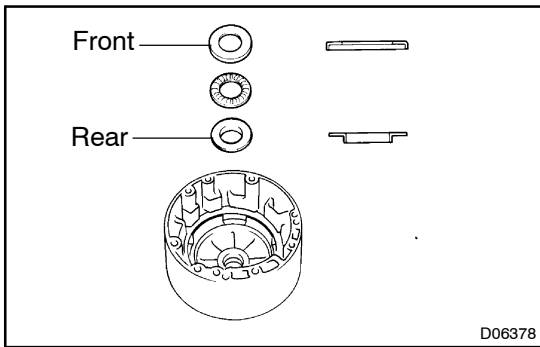
3. INSTALL PISTON RETURN SPRING

- (a) Pushing the piston return spring and using a screwdriver, install the snap ring. Be sure the end gap of the snap ring is not aligned with the cutout portion of the O/D case.

HINT:

Make sure that the snap ring is inserted into its groove.





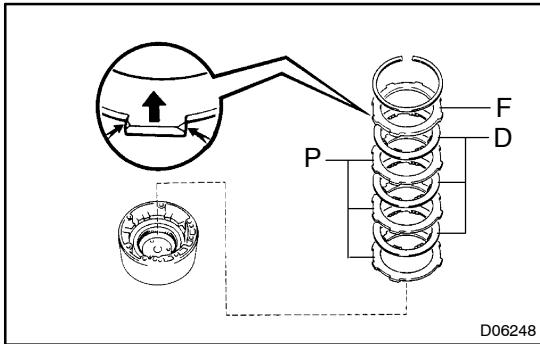
4. INSTALL O/D PLANETARY RING GEAR

- (a) Coat the bearing and races with petroleum jelly and install them onto the O/D case.

Bearing and races diameter:

	Inside mm (in.)	Outside mm (in.)
Race (Front)	30.1 (1.185)	48.5 (1.909)
Bearing	28.4 (1.118)	46.4 (1.827)
Race (Rear)	27.6 (1.087)	44.5 (1.752)

- (b) Install the O/D planetary ring gear.



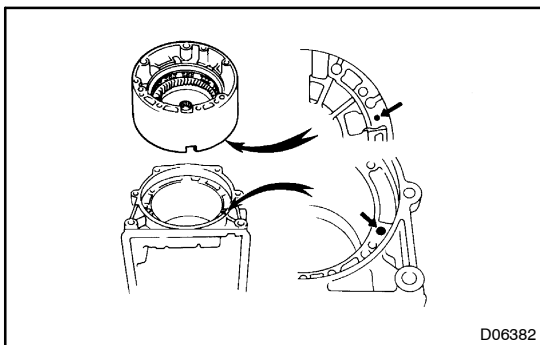
5. INSTALL FLANGE AND DISC AND PLATE

- (a) Install the 3 plates and 3 discs.

Install in order: P = Plate D = Disc

P - D - P - D - P - D

- (b) Install the flange, the rounded edge facing upward.
- (c) Using a screwdriver, install the snap ring. Be sure the end gap of the snap ring is not aligned with the cutout portion of the O/D case.

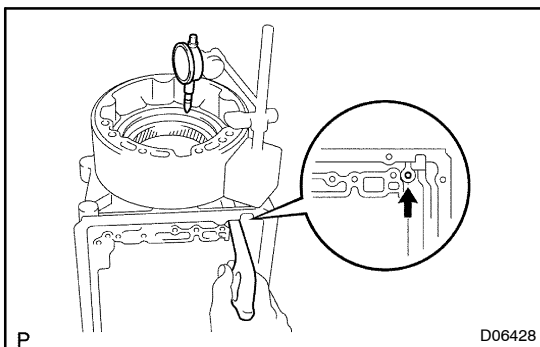


6. CHECK PACK CLEARANCE OF O/D BRAKE

- (a) Place the O/D case assembly onto the transmission case, facing the cutout portion of the O/D case to the down side of the transmission case.

HINT:

Make sure that the oil hole of the O/D case is aligned with the oil hole of the transmission case.



- (b) Using a dial indicator, measure the O/D brake pack clearance applying and releasing the compressed air (392 – 785 kPa, 4 – 8 kgf/cm², 57 – 114 psi), as shown:

Pack clearance:

0.75 – 1.25 mm (0.0295 – 0.0492 in.)

If the pack clearance is less than the limit, parts may have been assembled incorrectly, check and reassemble again.

If the piston is nonstandard, select another plate.

HINT:

There are 2 different thickness for the plate.

Plate thickness:

2.0 mm (0.079 in.)	2.3 mm (0.091 in.)
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