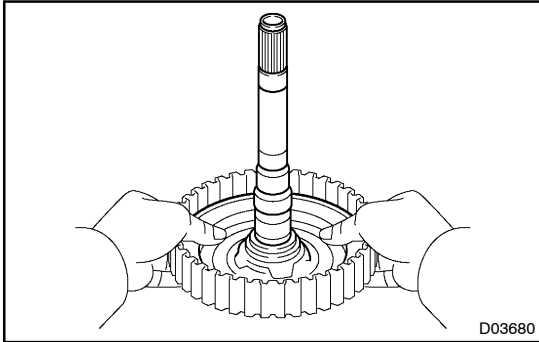




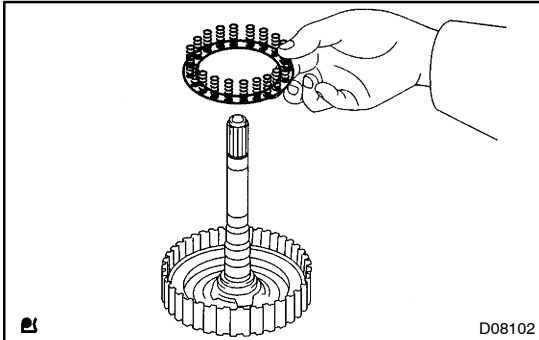
REASSEMBLY

1. INSTALL DIRECT CLUTCH PISTON

Coat the direct clutch piston with ATF, install it to the direct clutch drum.

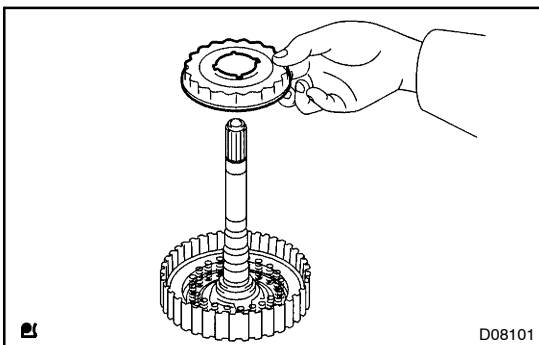
NOTICE:

Be careful not to damage the lip seal of direct clutch piston.



2. INSTALL PISTON RETURN SPRING

Install the piston return spring to the direct clutch drum.

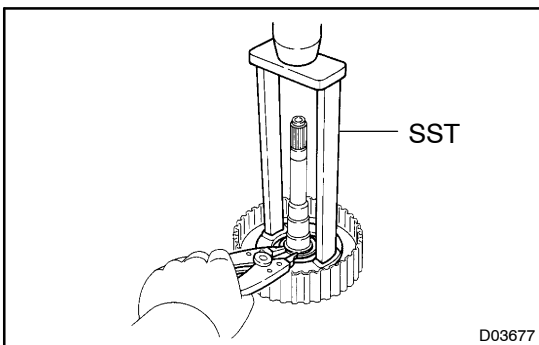


3. INSTALL CLUTCH BALANCER

(a) Install the clutch balancer to the direct clutch drum.

NOTICE:

Be careful not to damage the lip seal of direct clutch balancer.



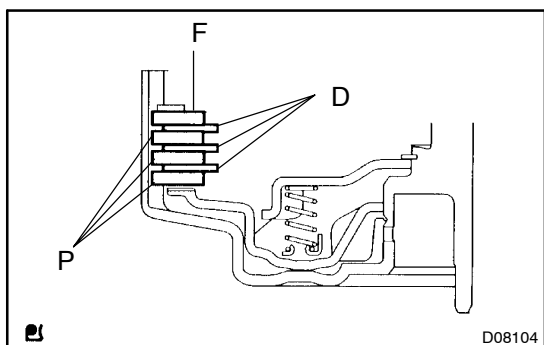
(b) Place SST, on the clutch balancer and compress the piston return spring with a press.

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(c) Using a snap ring expander, install the snap ring to the direct clutch drum.

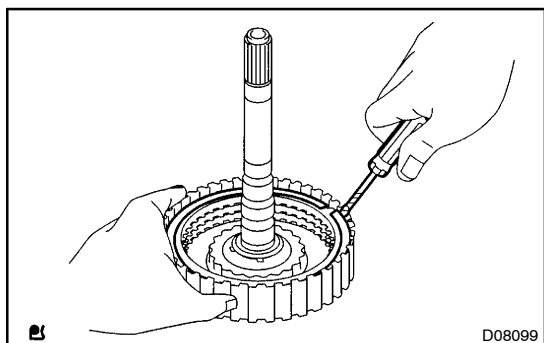
NOTICE:

- **Be sure the end gap of the snap ring is not aligned with the clutch balancer claw.**
- **Stop the press when the spring sheet is lowered to the place 1 – 2 mm (0.039 – 0.078 in.) from the snap ring groove, preventing the spring sheet from the deforming.**
- **Do not expand the snap ring excessively.**

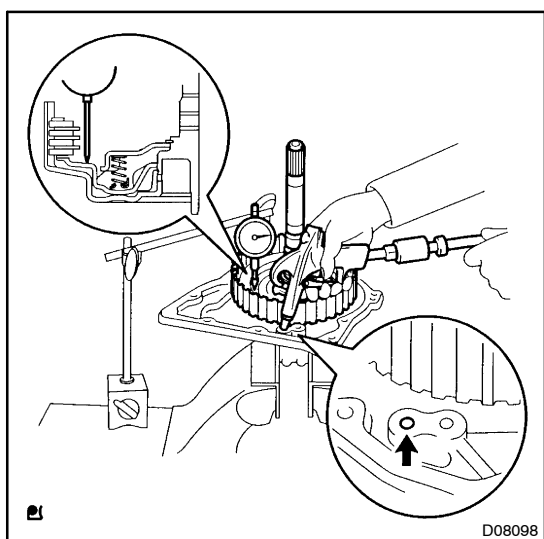


4. INSTALL PLATE, DISC AND FLANGE

- (a) Install the 4 plates, 4 discs and flange.
Install in order: P = Plate, D = Disc, F = Flange
P – D – P – D – P – D – F



- (b) Using a screwdriver, install the snap ring.
 (c) Check that the end gap of the snap ring is not aligned with one of the cutouts.



5. CHECK PISTON STROKE OF DIRECT CLUTCH

- (a) Install the direct clutch on the transaxle rear cover.
 (b) Using a dial indicator, measure the direct clutch piston stroke while applying and releasing compressed air (392 kPa, 4.0 kgf/cm², 57 psi).

Piston stroke: 0.62 – 0.74 mm (0.0244 – 0.0291 in.)

If the piston stroke is less than the limit of piston stroke, parts may have been assembled incorrectly, so check and reassemble again.

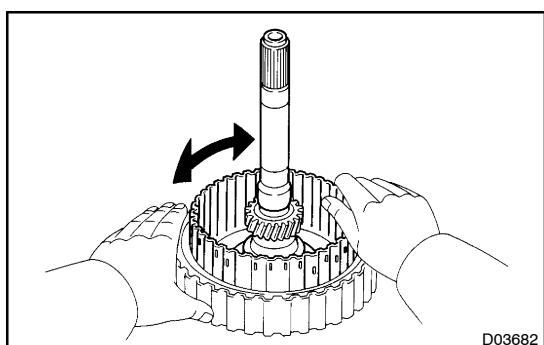
If the stroke is non-standard, select another flange.

HINT:

There are 6 flanges in different thickness.

Flange Thickness: mm (in.)

No.	Thickness	No.	Thickness
1	3.0 (0.118)	4	3.3 (0.130)
2	3.1 (0.122)	5	3.4 (0.134)
3	3.2 (0.126)	6	3.5 (0.138)



6. CHECK DISK ROTATE

Check that the disc rotates when rotating the disk after inserting the rear planetary sun gear.

NOTICE:

Do not place the rear planetary sun gear in a vise.