

## REASSEMBLY

### 1. INSTALL OIL SEAL RING

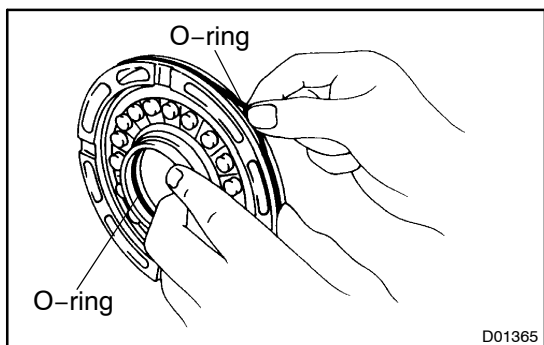
- (a) Coat the 3 oil seal rings with ATF.
- (b) Install the 3 oil seal rings to the forward clutch drum groove, then snug them down by squeezing their ends together.

#### NOTICE:

**Do not spread the ring ends more than necessary.**

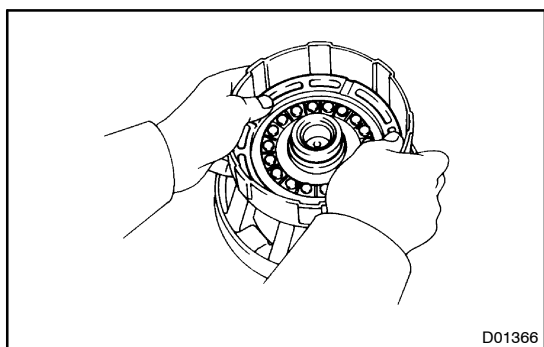
#### HINT:

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

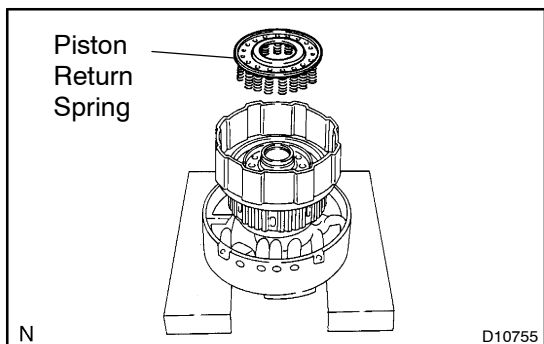


### 2. INSTALL FORWARD CLUTCH PISTON

- (a) Coat 2 new O-rings with ATF and install them on the forward clutch piston.

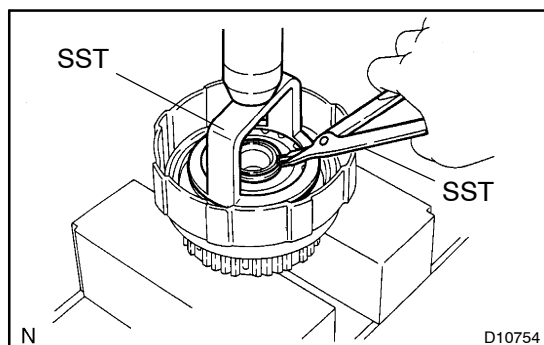


- (b) Being careful not to damage the O-rings, press the clutch piston into the forward clutch drum with both hands.



### 3. INSTALL PISTON RETURN SPRING

- (a) Install the piston return spring.



- (b) Place SST on the spring retainer, and compress the return spring with a press.

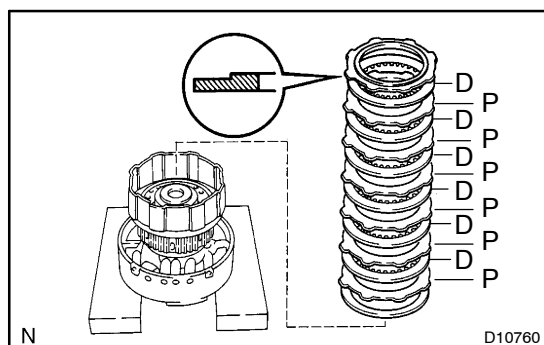
SST 09350-30020 (09350-07040)

- (c) Using SST, install the snap ring.

SST 09350-30020 (09350-07070)

**NOTICE:**

Be sure the end gap of the snap ring is not aligned with the spring retainer claw.



**4. INSTALL PLATE, DISC AND FLANGE**

- (a) Install the cushion plate.

- (b) Install the 6 plates and 6 discs.

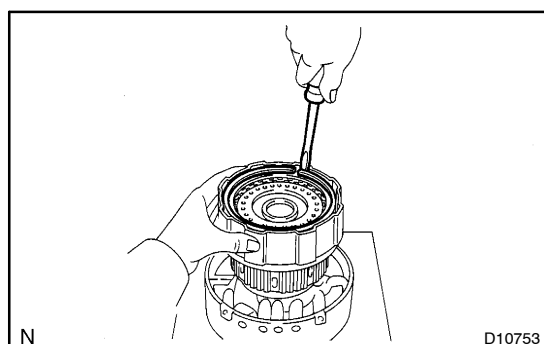
**Install in order: P = Plate, D = Disc**

**P - D - P - D - P - D - P - D - P - D - P - D**

**HINT:**

Only the thickness of the plate on the bottom is 1.4 mm (0.055 in.) and the other plates is 1.8 mm (0.071 in.).

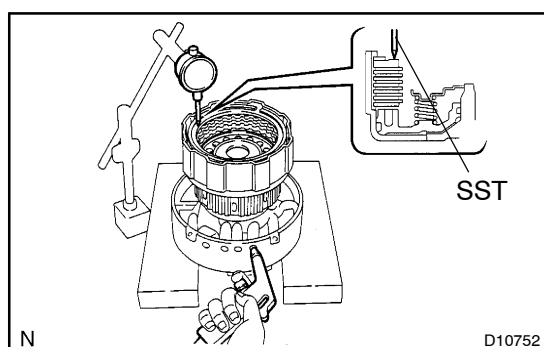
- (c) Then install the flange, with the flat end facing downward.



- (d) Install the snap ring with a screwdriver.

**NOTICE:**

Be sure the end gap of the snap ring is not aligned with the cutout portion of the forward clutch drum.



**5. CHECK PISTON STROKE OF FORWARD CLUTCH**

- (a) Using SST and a dial indicator, measure the forward clutch piston stroke while applying and releasing compressed air (196 kPa, 2.0 kgf/cm<sup>2</sup>, 28.5 psi).

SST 09350-30020 (09350-06120)

**Piston stroke: 0.70 – 1.00 mm (0.028 – 0.039 in.)**

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

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

**HINT:**

There are 6 different flanges in thickness.

**Flange thickness**

No.	Thickness	No.	Thickness
42	4.0 (0.157)	45	3.4 (0.134)
44	3.8 (0.150)	60	3.2 (0.126)
62	3.6 (0.142)	61	3.0 (0.118)