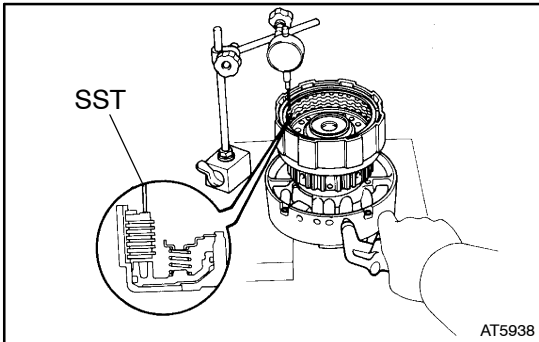


AT5365

DISASSEMBLY

1. PLACE FORWARD CLUTCH INTO O/D SUPPORT

- (a) Place wooden blocks, etc. to prevent the forward clutch shaft from touching the work stand, and place the O/D support on them.
- (b) Place the forward clutch into the O/D support.



AT5938

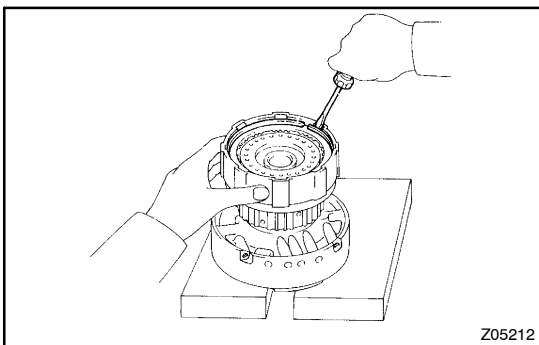
2. CHECK PISTON STROKE OF FORWARD CLUTCH

Using SST and a dial indicator, measure the forward clutch piston stroke while applying and releasing compressed air (186 – 206 kPa, 1.9 – 2.1 kgf/cm², 27 – 30 psi).

SST 09350-30020 (09350-06120)

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

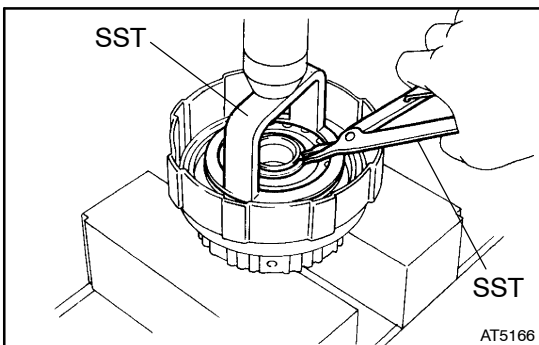
If the clearance is non-standard, inspect the discs.



Z05212

3. REMOVE FLANGE, PLATE AND DISC

- (a) Using a screwdriver, remove the snap ring from the forward clutch drum.
- (b) Remove the flange, 6 plates and discs.



AT5166

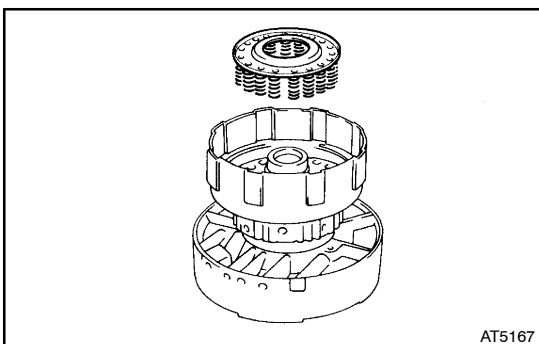
4. REMOVE PISTON RETURN SPRING

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

SST 09350-30020 (09350-07040)

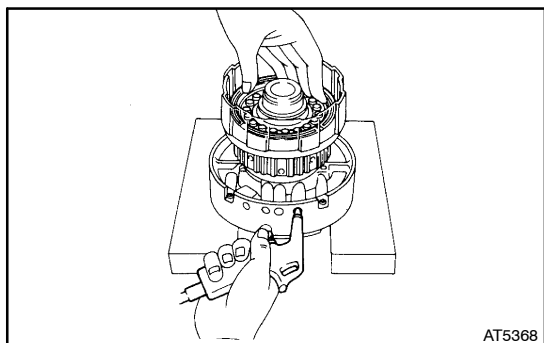
- (b) Using SST, remove the snap ring.

SST 09350-30020 (09350-07070)

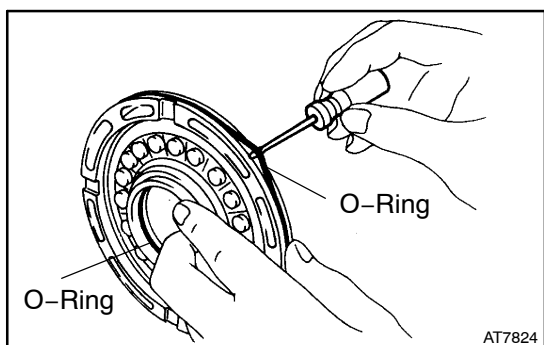


AT5167

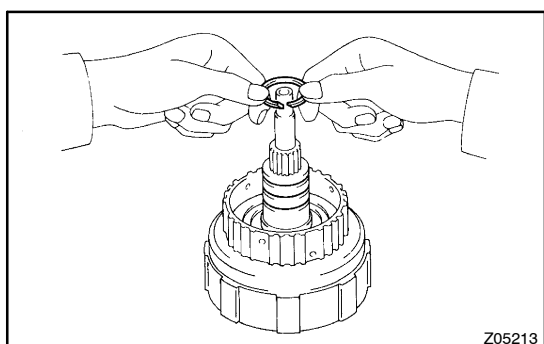
- (c) Remove the piston return spring.

**5. REMOVE FORWARD CLUTCH PISTON**

- (a) Place the forward clutch drum onto the O/D support.
- (b) Hold the forward clutch piston with hand, apply compressed air (186 – 206 kPa, 1.9 – 2.1 kgf/cm², 27 – 30 psi) to the O/D support to remove the forward clutch piston.
- (c) Remove the forward clutch piston.

**6. REMOVE O-RING**

Using a small screwdriver, remove the 2 O-rings.

**7. REMOVE 3 OIL SEAL RINGS FROM FORWARD CLUTCH**