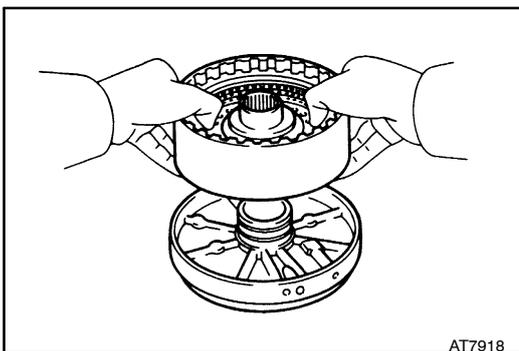
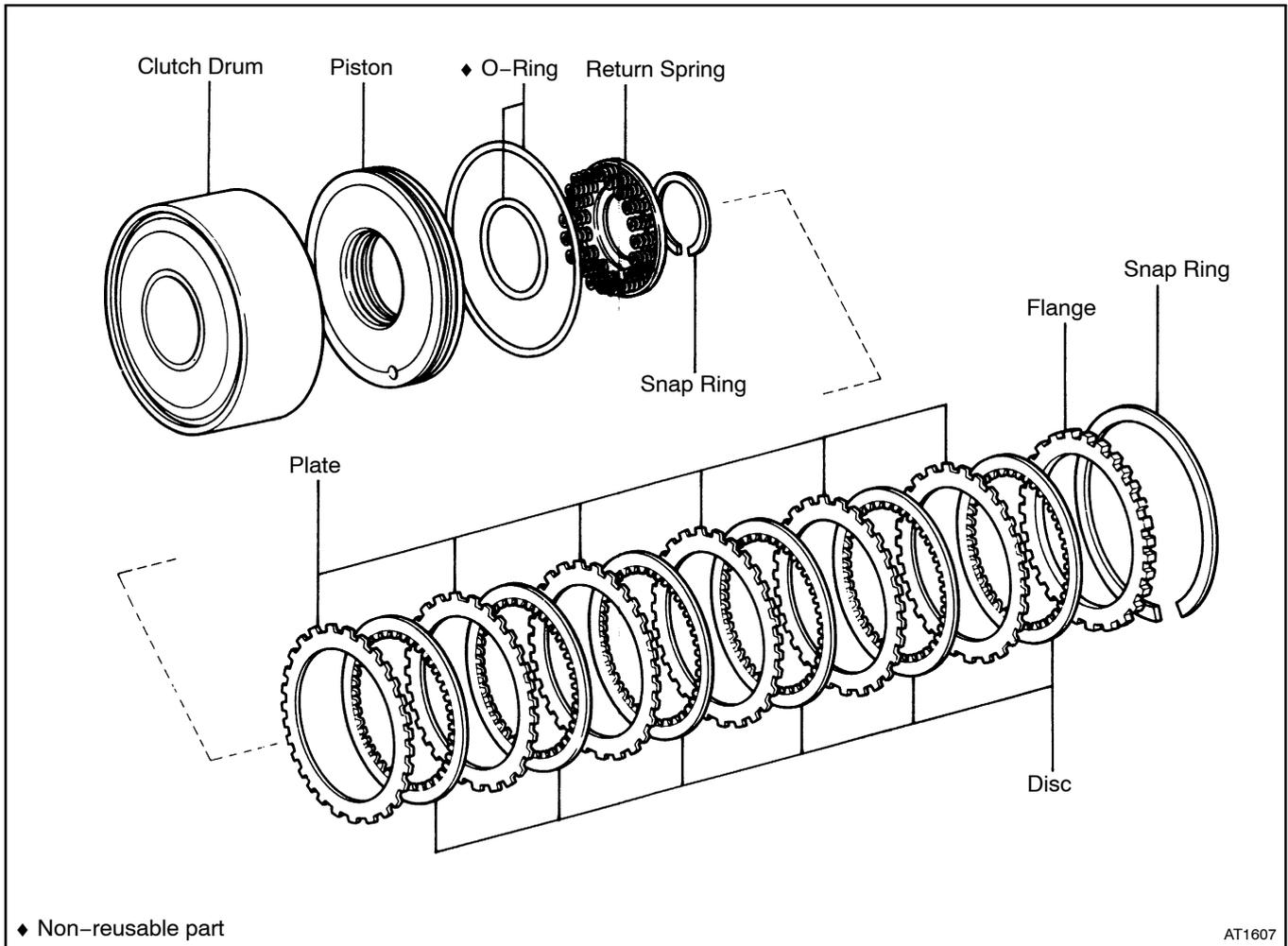


Transfer Front Drive Clutch COMPONENTS



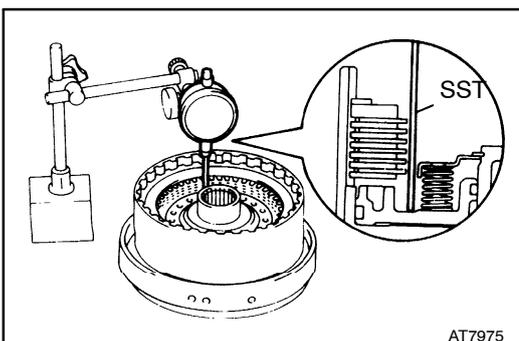
DISASSEMBLY OF TRANSFER FRONT DRIVE CLUTCH

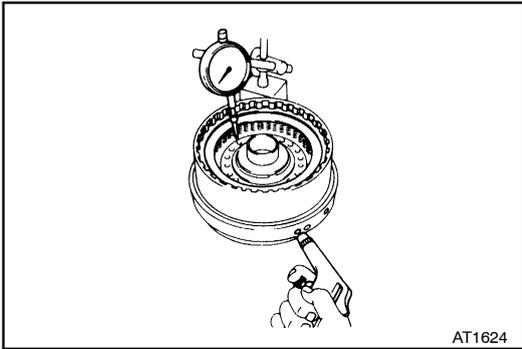
1. CHECK PISTON STROKE OF TRANSFER FRONT DRIVE CLUTCH

(a) Install the front drive clutch onto the transfer center support.

(b) Place SST and a dial indicator onto the transfer front drive clutch piston as shown in the figure.

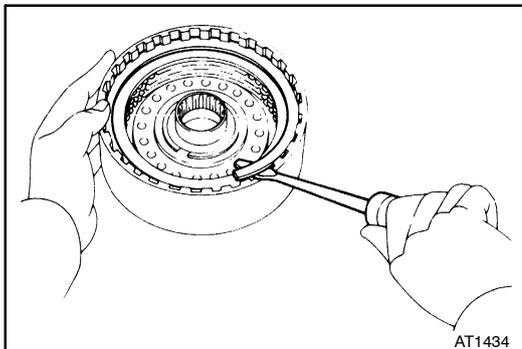
SST 09350-30020 (09350-06120)





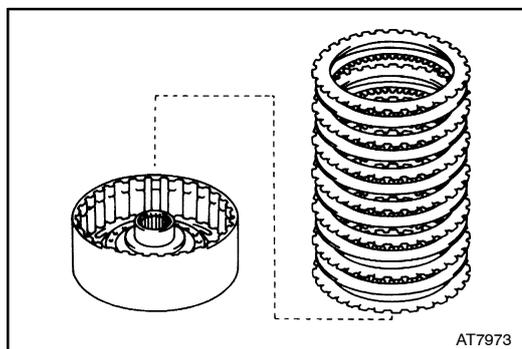
- (c) Measure the piston stroke while applying and releasing compressed air (4 – 8 kg/cm², 57 – 114 psi or 392 – 785 kPa) as shown.

Piston stroke: 2.38 – 3.22 mm (0.0937 – 0.1268 in.)
If the values are nonstandard, inspect the discs.

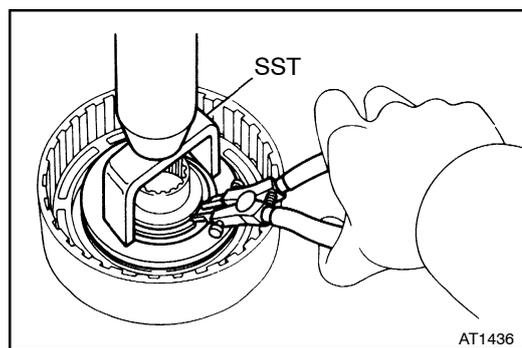


2. REMOVE FLANGE, PLATES AND DISCS

- (a) Using a screwdriver, remove the snap ring from the clutch drum.



- (b) Remove the flange, six plates and six discs.

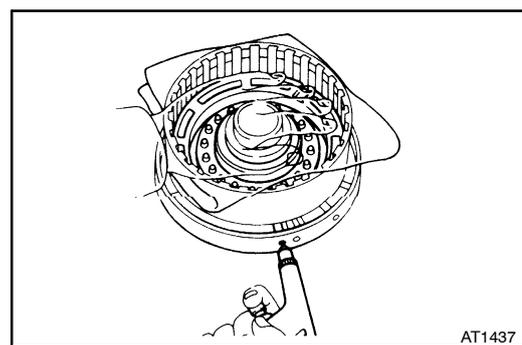


3. REMOVE PISTON RETURN SPRING

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

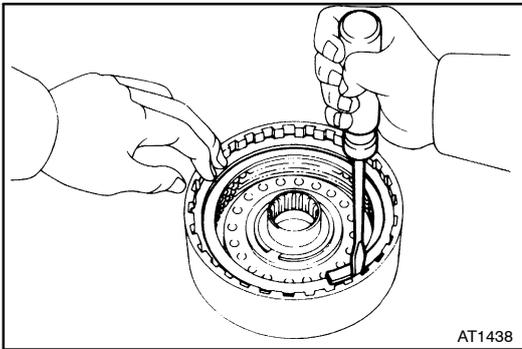
SST 09320-89010

- (b) Using snap ring pliers, remove the snap ring.
(c) Remove the piston return spring.

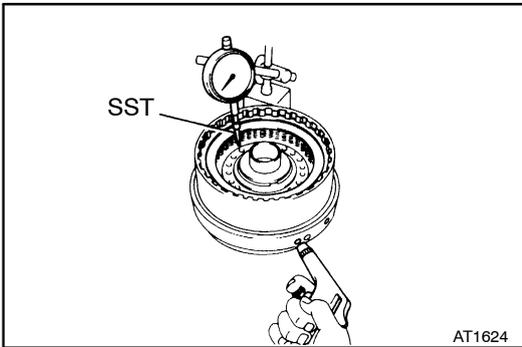


4. REMOVE TRANSFER FRONT DRIVE CLUTCH PISTON

- (a) Place the front drive clutch on the transfer center support.
(b) Hold the front drive clutch piston with hand, apply compressed air to the center support to remove the piston.
(c) Remove the front drive clutch piston.
(d) Remove the O-rings from the piston.



(c) Install the snap ring with a screwdriver.



4. CHECK PISTON STROKE OF TRANSFER FRONT DRIVE CLUTCH

- (a) Install the front drive clutch onto the transfer center support.
- (b) Using SST and a dial indicator, measure the piston stroke applying and releasing the compressed air (4 – 8 kg/cm², 57 – 114 psi or 392 – 785 kPa) as shown.

SST 09350-30020 (09350-06120)

Piston stroke: 2.38 – 3.22 mm (0.0937 – 0.1268 in.)

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