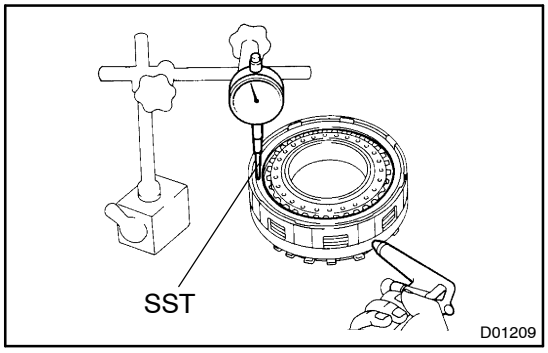
AT050–02

# DISASSEMBLY




**1. CHECK PISTON STROKE OF 3RD BRAKE PISTON**

Using SST and a dial indicator, measure the 3rd brake piston stroke while applying and releasing compressed air (392 kPa, 4 kg/cm$^2$, 57 psi).

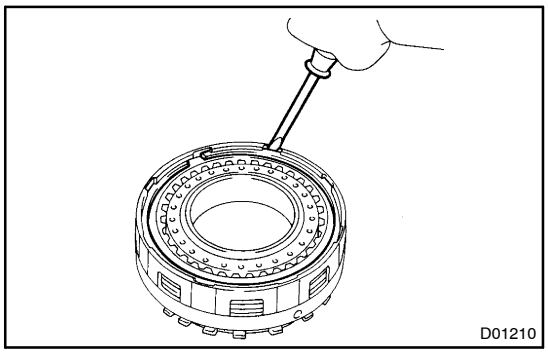
SST 09350–30020 (09350–06120)

If the stroke is non–standard, inspect the disc.

**Piston stroke: 0.56 – 0.86 mm (0.022 – 0.036 in.)**

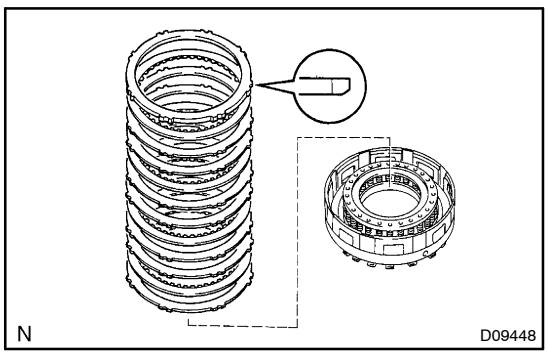
**NOTICE:**

**Do not applying compressed air into the 2nd brake hole.**

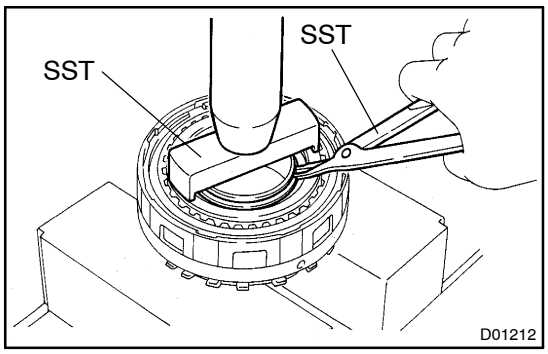



**2. REMOVE FLANGE, PLATE AND DISC**

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




(b) Remove the flange, 7 plates and 4 discs.



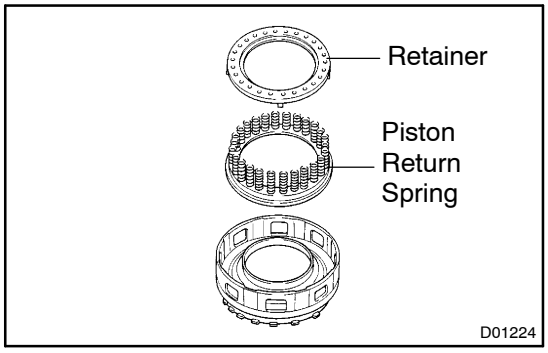

**3. REMOVE PISTON RETURN SPRING**

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

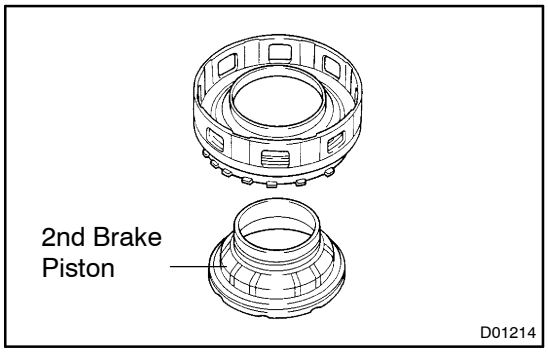
SST 09350–32014 (09351–32040)

(b) Using SST, remove the snap ring.

SST 09350–30020 (09350–07070)

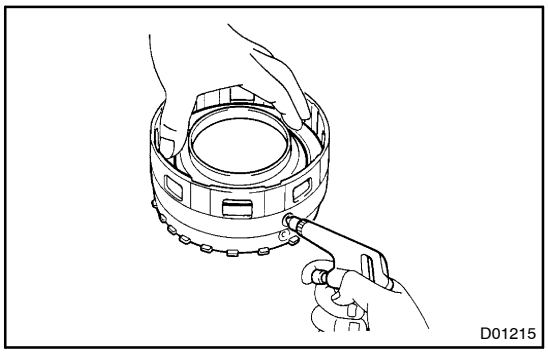



(c) Remove the retainer and piston return spring.

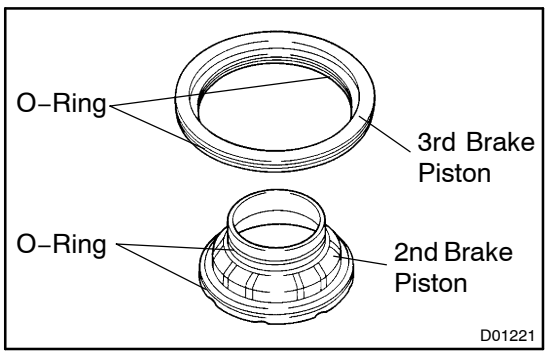



**4. REMOVE 3RD AND 2ND BRAKE PISTON**

(a) Push the 2nd brake piston down with fingers to remove.




(b) Hold the 3rd brake piston so that it dose not slant, and apply compressed air (392 kPa, 4 kg/cm$^2$, 57 psi) into the passage to remove the 3rd brake piston.




(c) Remove the 4 O–rings from the 3rd and 2nd brake pistons.