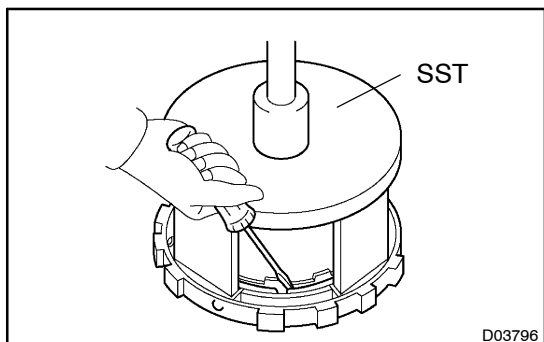


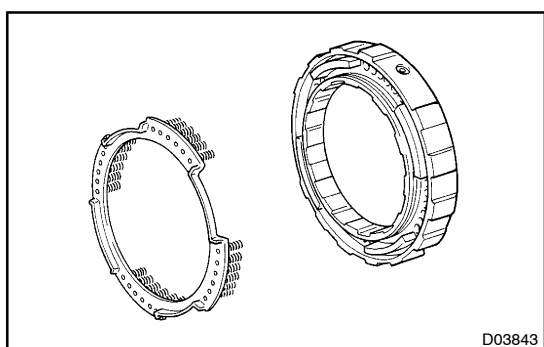
SECOND BRAKE PISTON ASSY (U140E/U140F) OVERHAUL

4006I-01

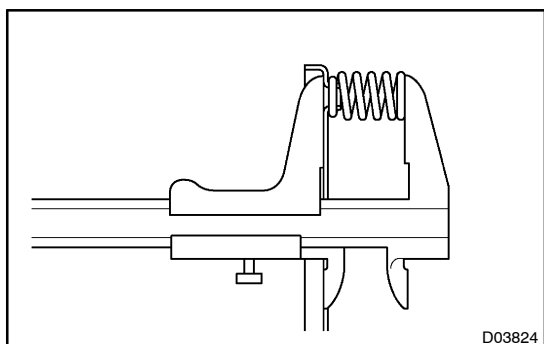


1. REMOVE 2ND BRAKE PISTON RETURN SPRING SUB-ASSY

- (a) Place SST on the return spring and compress.
SST 09387-00060
- (b) Using a screwdriver, remove the snap ring.

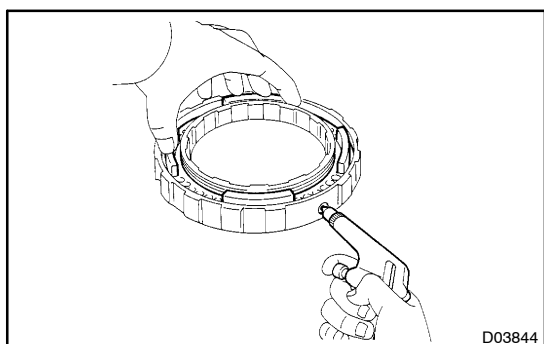


- (c) Remove the piston return spring.



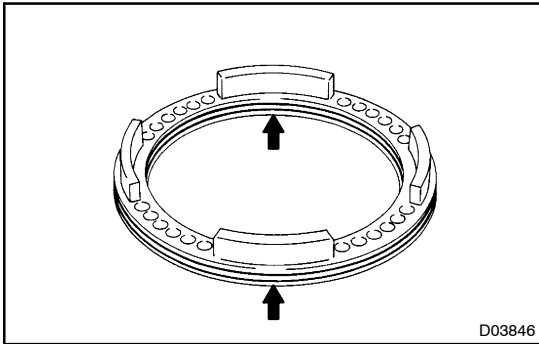
2. INSPECT 2ND BRAKE PISTON RETURN SPRING SUB-ASSY

- (a) Using a vernier calipers, measure the free length of the spring together with the spring seat.
Standard free length: 16.61 mm (0.6539 in.)



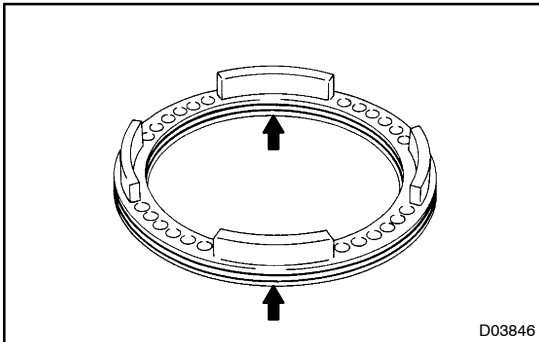
3. REMOVE 2ND BRAKE PISTON

- (a) Hold the 2nd brake piston and apply compressed air (392 kPa, 4.0 kgf/cm², 57 psi) to the 2nd brake cylinder to remove the 2nd brake piston.



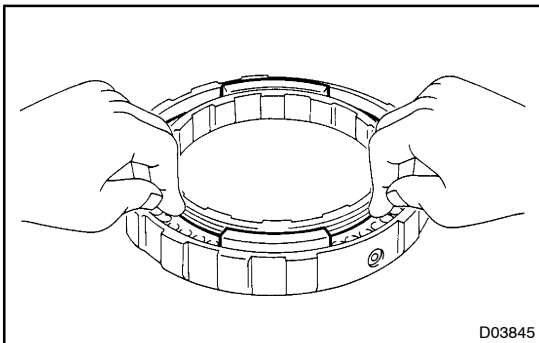
4. REMOVE 2ND BRAKE PISTON O-RING

- (a) Remove the 2 O-rings from the 2nd brake piston.



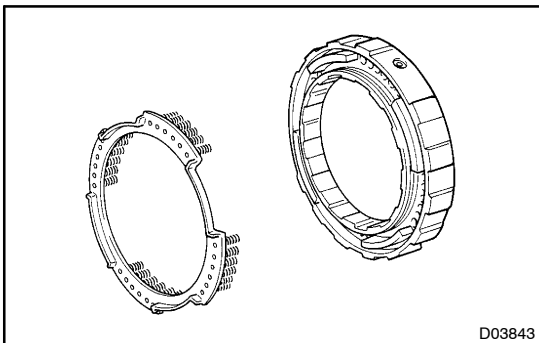
5. INSTALL 2ND BRAKE PISTON O-RING

- (a) Coat 2 new O-ring with ATF, install them in the 2nd brake piston.



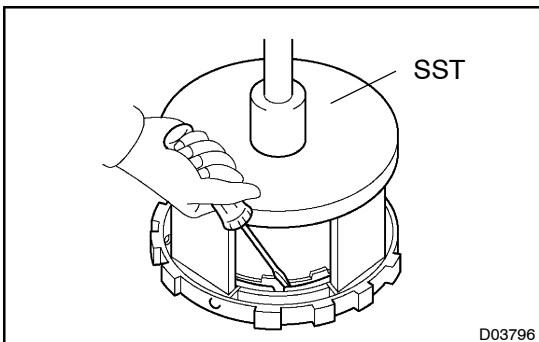
6. INSTALL 2ND BRAKE PISTON

- (a) Press in the 2nd brake piston into the 2nd brake cylinder with your hands.



7. INSTALL 2ND BRAKE PISTON RETURN SPRING SUB-ASSY

- (a) Install the piston return spring.



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

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- (c) Using a screwdriver, install the snap ring.

NOTICE:

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