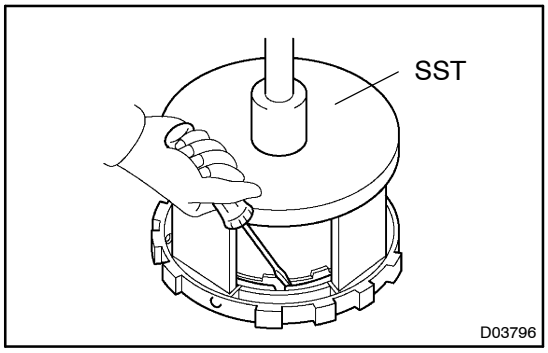
SECOND BRAKE PISTON ASSY (U140E/U140F)

4006I–01

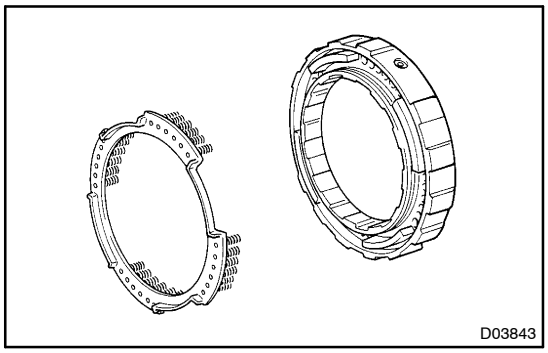
OVERHAUL



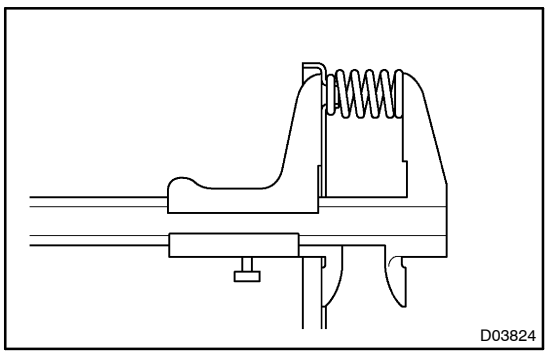
1. REMOVE 2ND BRAKE PISTON RETURN SPRING SUB–ASSY

(a) Place SST on the return spring and compress.
SST 09387–00060

(b) Using a screwdriver, remove the snap ring.

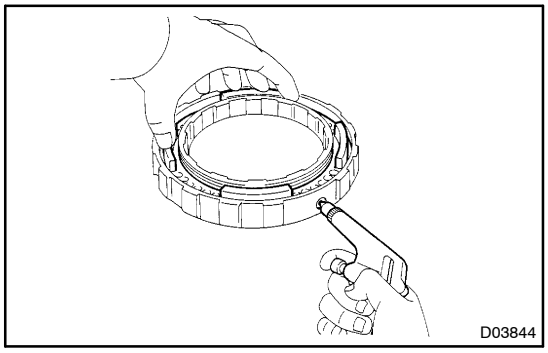


(c) Remove the piston return spring.



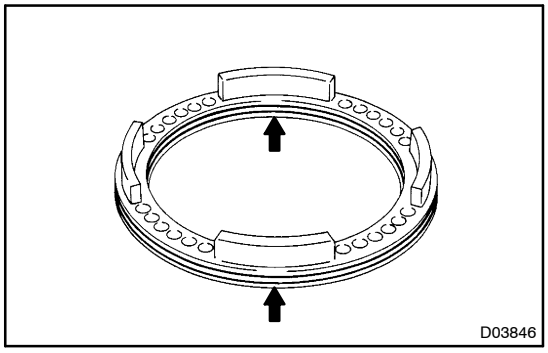
2. INSPECT 2ND BRAKE PISTON RETURN SPRING SUB–ASSY

(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.)



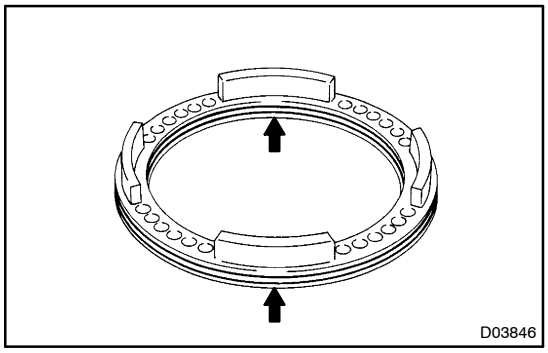
3. REMOVE 2ND BRAKE PISTON

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



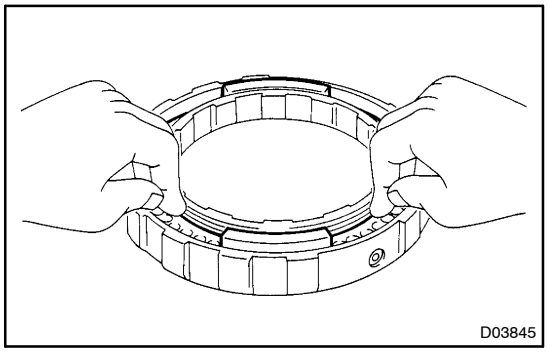
4. REMOVE 2ND BRAKE PISTON O–RING

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



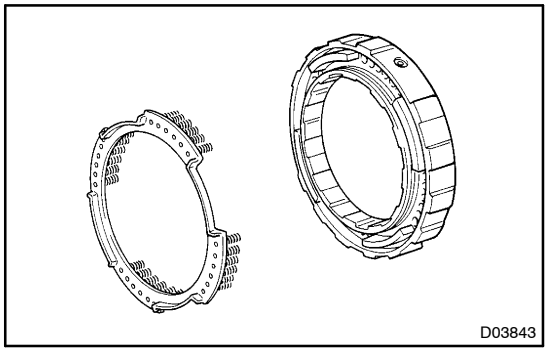
5. INSTALL 2ND BRAKE PISTON O–RING

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



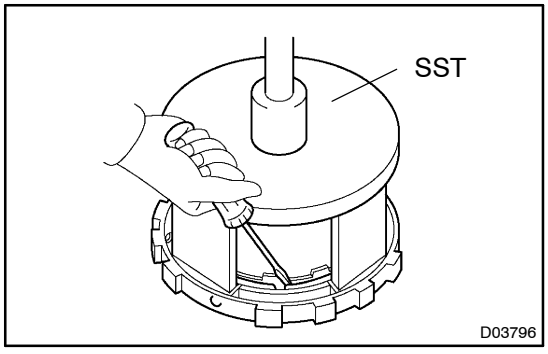
6. INSTALL 2ND BRAKE PISTON

(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.
SST 09387–00060

(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.