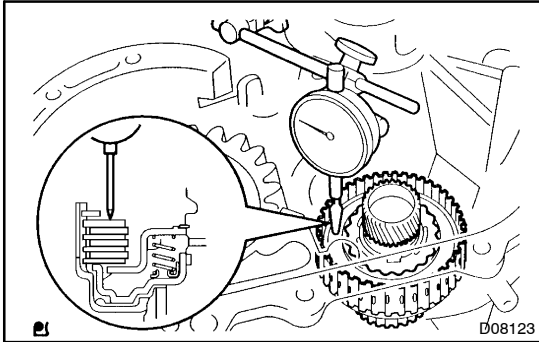




DISASSEMBLY

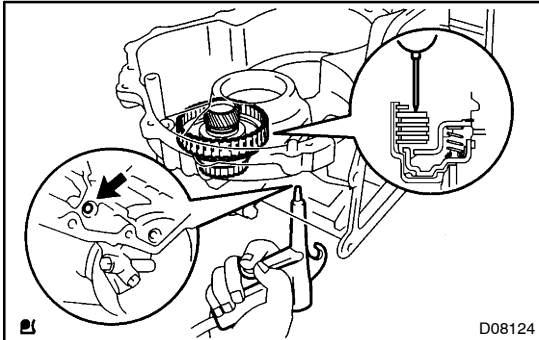
1. CHECK PISTON STROKE OF U/D CLUTCH

- (a) Install the U/D clutch to the transaxle case.

NOTICE:

Be careful not to damage the oil seal rings.

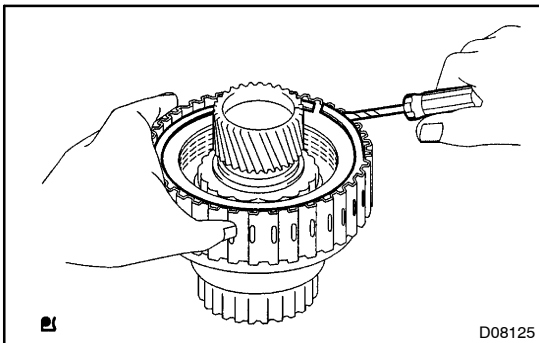
- (b) Install the dial indicator, as shown in the illustration.



- (c) Measure the U/D clutch piston stroke while applying and releasing compressed air (392 kPa, 4.0 kgf/cm², 57 psi).

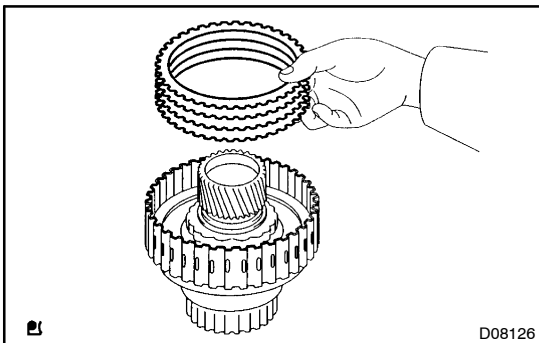
Piston stroke: 1.47 – 1.69 mm (0.0579 – 0.0666 in.)

If the piston stroke is non-standard inspect the discs, plates and flange.

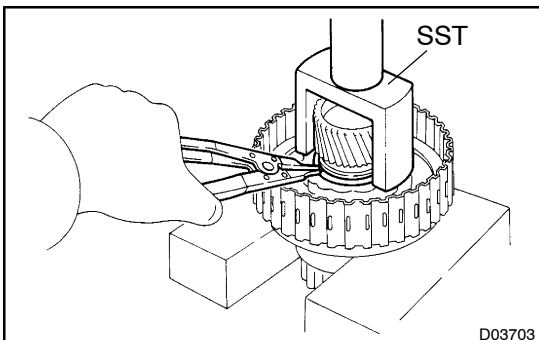


2. REMOVE FLANGE, DISC AND PLATE

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



- (b) Remove the flange, 3 discs and 3 plates from the U/D clutch drum.



3. REMOVE PISTON RETURN SPRING

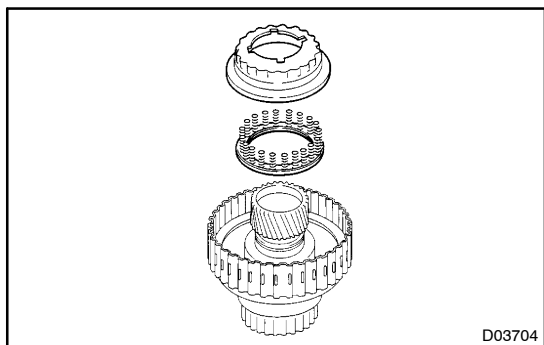
- (a) Place SST on the clutch balancer and compress the spring with a press.

SST 09350-32014 (09351-32070)

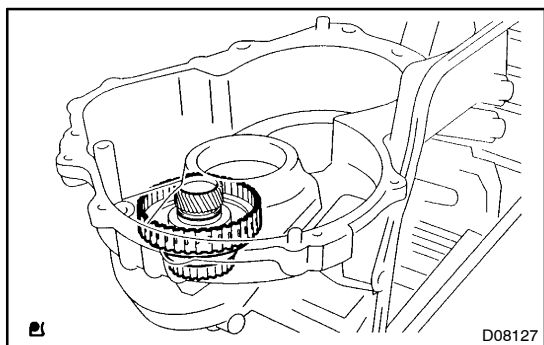
- (b) Using a snap ring expander, remove the snap ring.

NOTICE:

- Stop the press when the spring sheet is lowered to the place 1 – 2 mm (0.039 – 0.078 in.) from the snap ring groove, preventing the spring sheet from deforming.
- Do not expand the snap ring excessively.



- (c) Remove the clutch balancer and piston return spring from the U/D clutch drum.

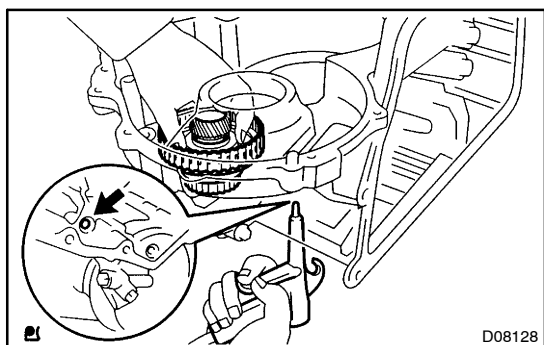


4. REMOVE U/D CLUTCH PISTON

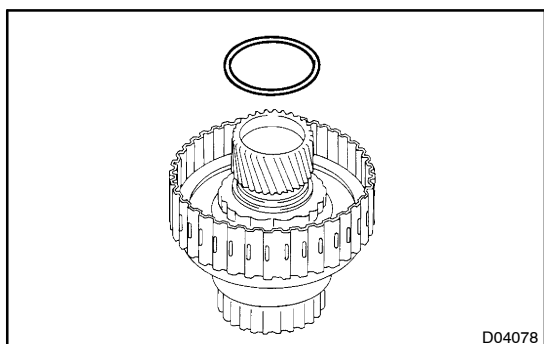
- (a) Install the U/D clutch to the transfer case.

NOTICE:

Be careful not to damage the oil seal rings.



- (b) Holding the U/D clutch piston with your hand, apply compressed air (392 kPa, 4.0 kgf/cm², 57 psi) to the transaxle case to remove the U/D clutch piston.



5. REMOVE O-RING