

INSPECTION

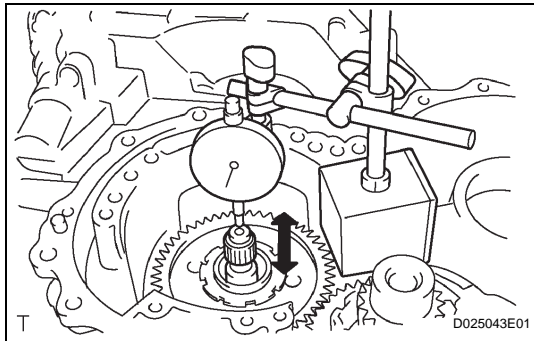
1. INSPECT INPUT SHAFT END PLAY

- (a) Using a dial indicator, measure the end play in the axial direction.

Standard end play:

0.374 to 1.292 mm (0.0147 to 0.0509 in.)

If the end play is not as specified, select and replace the thrust needle roller bearing.

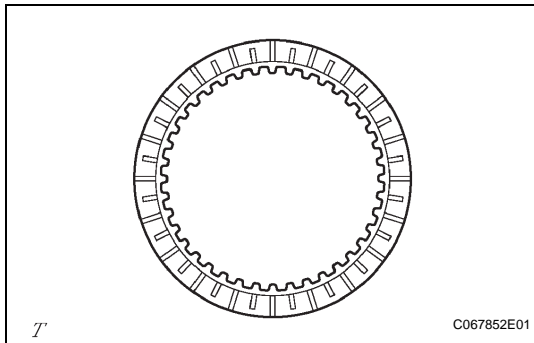


2. INSPECT INTERMEDIATE SHAFT ASSEMBLY

- (a) Using a dial indicator, measure the end play of the intermediate shaft.

Standard end play:

0.204 to 0.966 mm (0.008 to 0.038 in.)

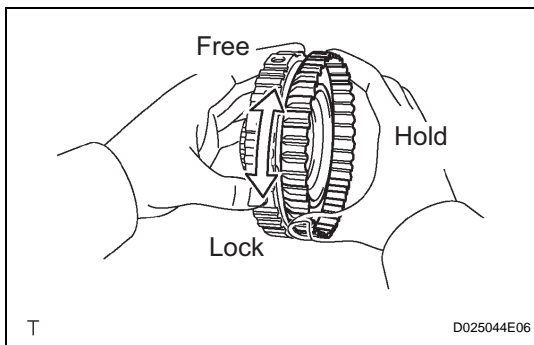


3. INSPECT 2ND COAST AND OVERDRIVE BRAKE DISC

- (a) Visually check if the sliding surface of the disc, plate and flange are worn or burnt. Replace as necessary.

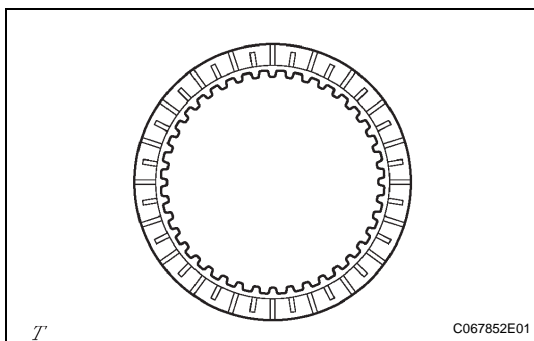
HINT:

- If the lining of the disc is peeling off or discolored, or even if a part of the printed number is defaced, replace all discs.
- Before assembling new discs, soak them in ATF for at least 15 minutes.



4. INSPECT 1-WAY CLUTCH ASSEMBLY

- (a) Hold the rear planetary sun gear and turn the 1-way clutch. The 1-way clutch should turn freely clockwise and should lock counterclockwise.

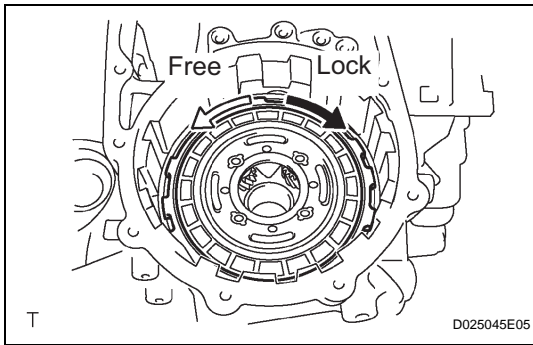


5. INSPECT 2ND BRAKE BRAKE DISC

- (a) Visually check if the sliding surface of the disc, plate and flange are worn or burnt. Replace as necessary.

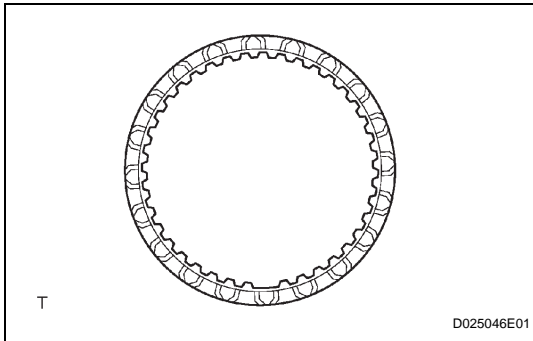
HINT:

- If the lining of the disc is peeling off or discolored, or even if a part of the printed mark is defaced, replace all discs.
- Before assembling new discs, soak them in ATF for at least 15 minutes.



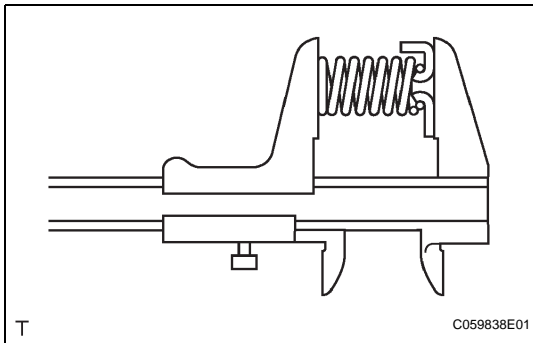
6. INSPECT NO. 2 1-WAY CLUTCH

- (a) Install the 1-way clutch and thrust washer to the rear planetary sun gear.
- (b) Hold the rear planetary sun gear and turn the 1-way clutch. The 1-way clutch should turn freely counterclockwise and should lock clockwise.



7. INSPECT 1ST AND REVERSE BRAKE DISC

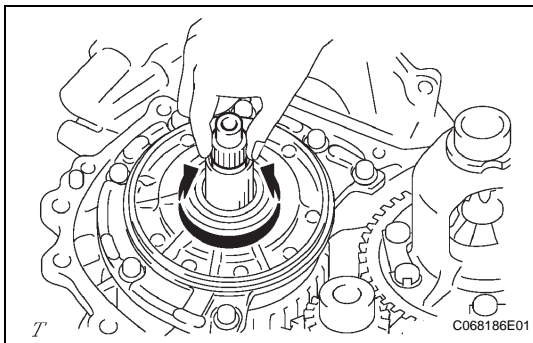
- (a) Visually check if the sliding surface of the disc, plate and flange are worn or burnt. Replace as necessary.
HINT:
 - If the lining of the disc is peeling off or discolored, or even if a part of the printed mark is defaced, replace all discs.
 - Before assembling new discs, soak them in ATF for at least 15 minutes.



8. INSPECT 1ST AND REVERSE BRAKE RETURN SPRING SUB-ASSEMBLY

- (a) Using a vernier caliper, measure the free length of the spring together with the spring seat.

Standard free length:
13.96 mm (0.5496 in.)



9. INSPECT INPUT SHAFT ASSEMBLY

- (a) Make sure that the input shaft turns smoothly.