

INSPECTION

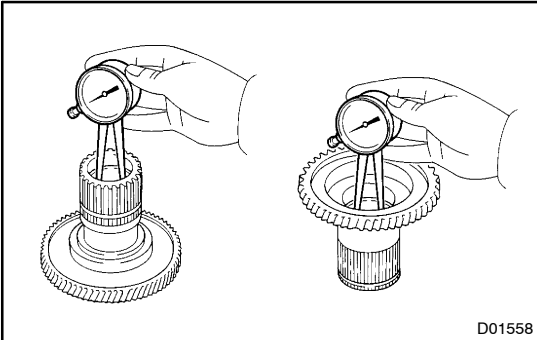
1. MEASURE PLANETARY PINION GEAR THRUST CLEARANCE

Using a feeler gauge, measure the planetary pinion gear thrust clearance.

Standard clearance: 0.2 – 0.6 mm (0.008 – 0.024 in.)

Maximum clearance: 1.0 mm (0.039 in.)

If the clearance is greater than the maximum, replace the planetary gear assembly.

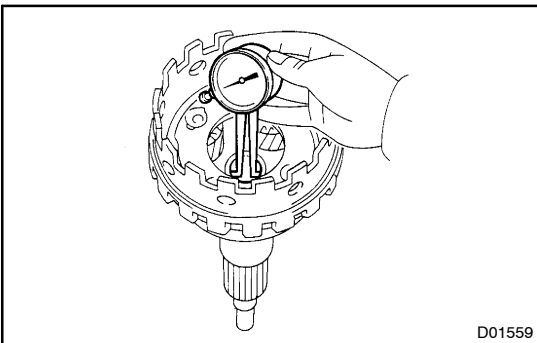


2. CHECK REAR PLANETARY RING GEAR BUSHING

Using a dial indicator, measure the inside diameter of the rear planetary ring gear bushing.

Maximum inside diameter: 38.56 mm (1.518 in.)

If the inside diameter is greater than the maximum, replace the rear planetary ring gear.

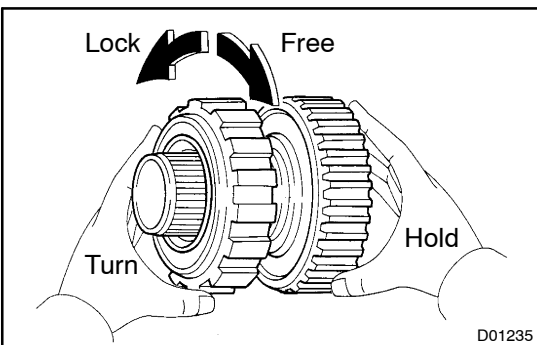


3. CHECK OUTPUT SHAFT BUSHING

Using a dial indicator, measure the inside diameter of the output shaft bushing.

Maximum inside diameter: 20.08 mm (0.791 in.)

If the inside diameter is greater than the maximum, replace the output shaft.



4. CHECK OPERATION ONE-WAY CLUTCH

- Install the No.2 one-way clutch to rear planetary ring gear.
- Hold the rear planetary ring gear and turn the one-way clutch.
- The one-way clutch turns freely clockwise and locks counterclockwise.
- Remove the No.2 one-way clutch from rear planetary ring gear.