

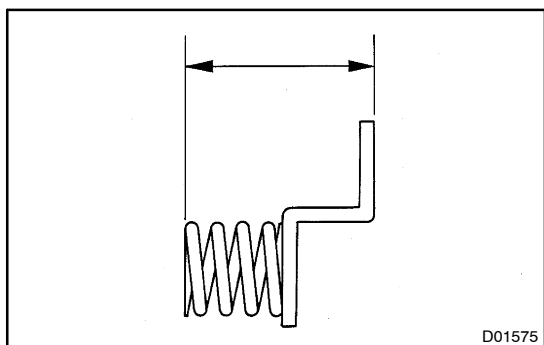
## INSPECTION

### 1. INSPECT DISC AND FLANGE

Check to see if the sliding surface of the disc, plate and flange are worn or burnt. If necessary, replace them.

HINT:

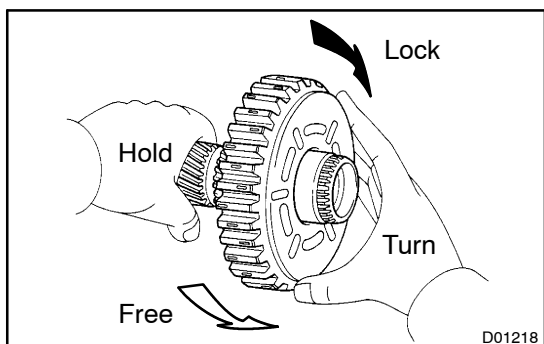
- If the lining of the disc is peeling off or discolored, or even if a part of the printed numbers is defaced, replace all discs.
- Before assembling new discs, soak them in ATF for at least 15 minutes.



### 2. CHECK PISTON RETURN SPRING

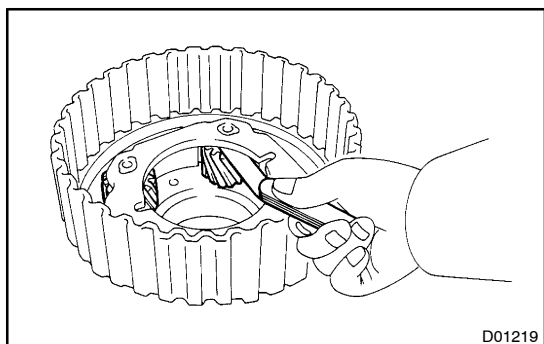
Measure the free length of the spring together with the spring seat.

**Standard free length: 36.8 mm (1.449 in.)**



### 3. CHECK OPERATION OF ONE-WAY CLUTCH

Hold the front & center planetary sun gear and turn the hub. The hub must be able to turn freely clockwise and locks counter-clockwise.



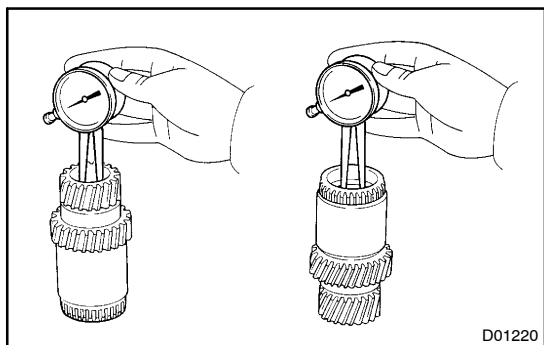
### 4. MEASURE PLANETARY PINION GEAR THRUST CLEARANCE

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.



### 5. CHECK FRONT & CENTER PLANETARY SUN GEAR BUSHING

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

**Maximum inside diameter: 24.79 mm (0.976 in.)**

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