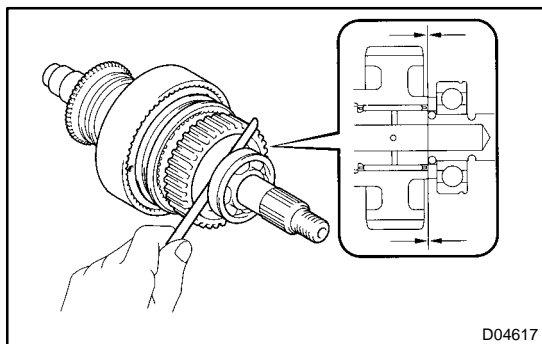


DISASSEMBLY

1. INSPECT OUTPUT SHAFT FRONT NEEDLE ROLLER BEARING

- Install the input shaft assembly via the needle roller bearing to the rear output shaft assembly.
- Rotate the input shaft assembly and inspect the needle roller bearing. Check that there should be no abnormal resistance, catching, abnormal noise or rattling.



2. INSPECT DRIVE SPROCKET THRUST CLEARANCE

Using a feeler gauge, measure the thrust clearance of the drive sprocket.

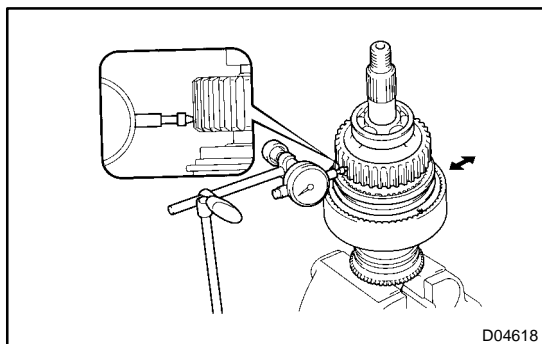
Standard clearance:

0.10 - 0.25 mm (0.0039 - 0.0098 in.)

Maximum clearance:

0.25 mm (0.0098 in.)

If the clearance exceeds the maximum, replace the drive sprocket.



3. INSPECT DRIVE SPROCKET RADIAL CLEARANCE

Using a dial indicator, measure the radial clearance of the drive sprocket.

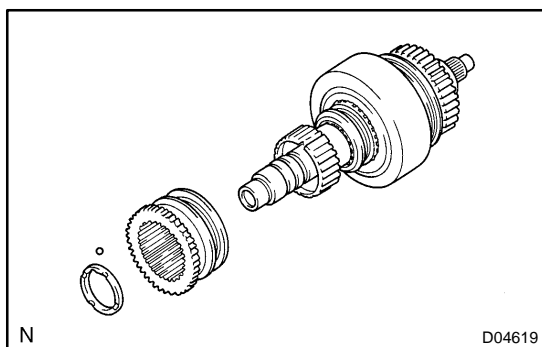
Standard clearance:

0.01 - 0.06 mm (0.0004 - 0.0024 in.)

Maximum clearance:

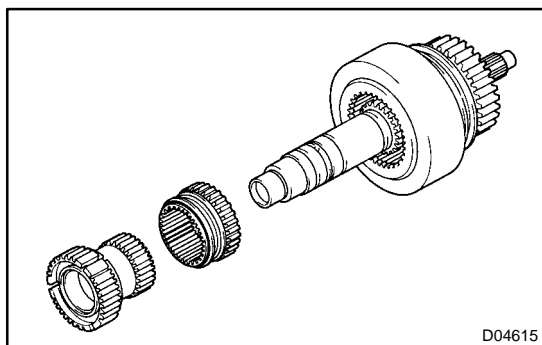
0.06 mm (0.0024 in.)

If the clearance exceeds the maximum, replace the drive sprocket, rear output shaft or needle roller bearing.

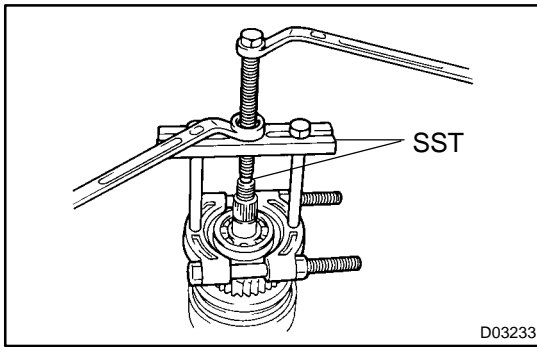


4. REMOVE HIGH AND LOW CLUTCH SLEEVE

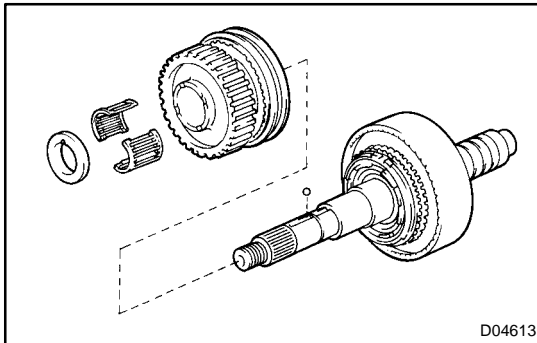
- Using a snap ring expander, remove the clutch hub snap ring.
- Remove the No. 2 spacer and input gear stopper ball.
- Remove the high and low clutch sleeve.



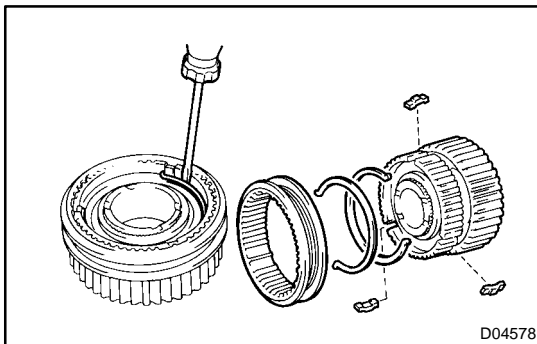
5. REMOVE CLUTCH HUB AND CENTER DIFFERENTIAL LOCK SLEEVE



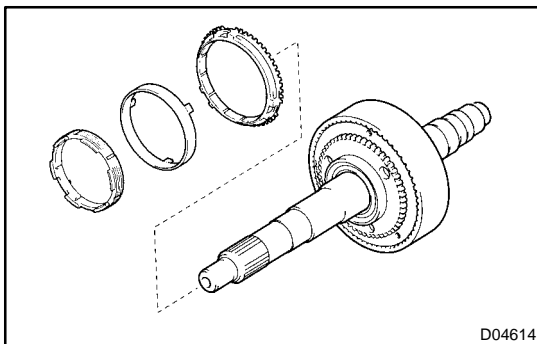
- 6. REMOVE OUTPUT SHAFT RADIAL BALL BEARING**
 Using SST, remove the output shaft radial ball bearing.
 SST 09950-00020, 09950-00030, 09950-40011
 (09957-04010)



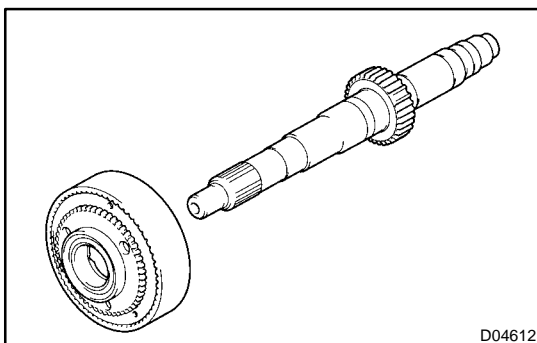
- 7. REMOVE DRIVE SPROCKET AND FRONT DRIVE CLUTCH SLEEVE ASSEMBLY**
 (a) Remove the No. 1 spacer, output shaft spacer ball, needle roller bearing, drive sprocket and front drive clutch sleeve assembly.



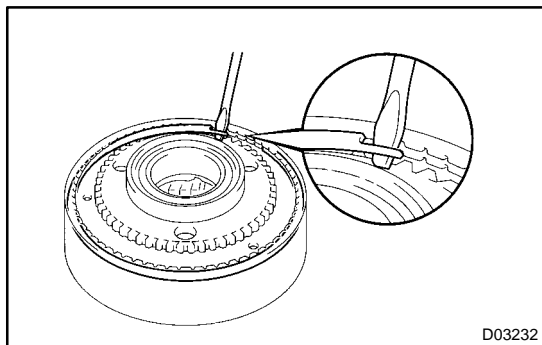
- (b) Remove the front drive clutch sleeve from the drive sprocket.
 (c) Using a screwdriver, remove the 2 shifting key springs.
 (d) Remove the 3 shifting keys.



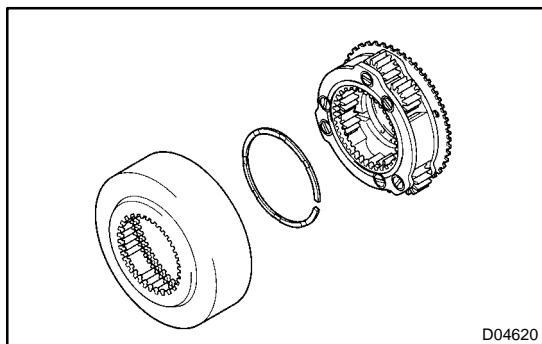
- 8. REMOVE SYNCHRONIZER INNER RING, SYNCHRONIZER CENTER RING AND SYNCHRONIZER OUTER RING FROM CENTER DIFFERENTIAL PLANETARY GEAR ASSEMBLY**



- 9. REMOVE CENTER DIFFERENTIAL PLANETARY GEAR ASSEMBLY**
 (a) Remove the center differential planetary gear assembly from the rear output shaft.



- (b) Using a screwdriver, remove the center differential planetary ring gear snap ring.



- (c) Remove the center differential planetary ring gear and No. 1 center differential planetary gear washer from the center differential planetary gear.