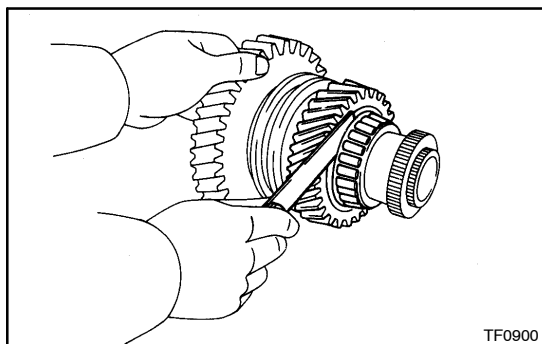




DISASSEMBLY

1. INSPECT HIGH SPEED OUTPUT GEAR RADIAL AND THRUST CLEARANCE

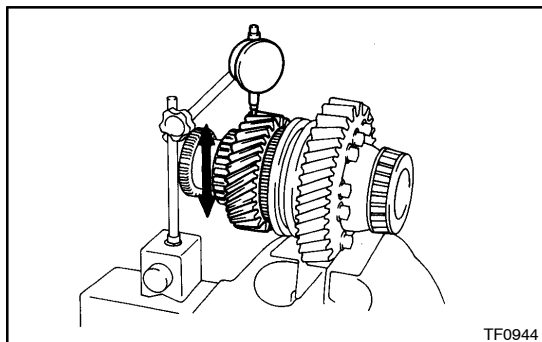
- (a) Using a feeler gauge, measure the high speed output gear thrust clearance.

Standard clearance:

0.10 – 0.25 mm (0.0039 – 0.0098 in.)

Maximum clearance:

0.25 mm (0.0098 in.)



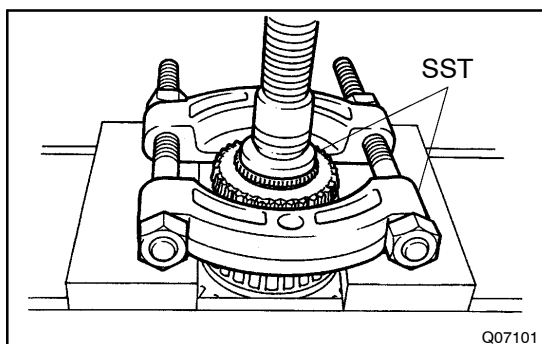
- (b) Using a dial indicator, measure the high speed output gear radial clearance.

Standard clearance:

0.035 – 0.091 mm (0.0014 – 0.0036 in.)

Maximum clearance:

0.091 mm (0.0036 in.)

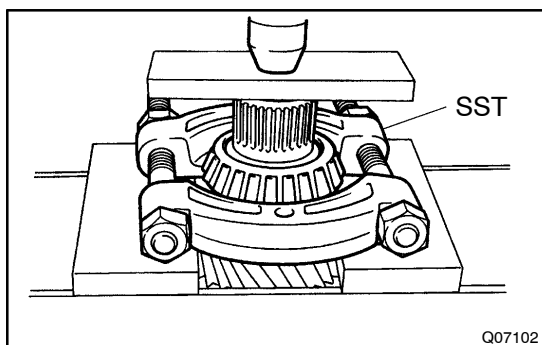


2. REMOVE FRONT DRIVE GEAR PIECE

- (a) Using a snap ring expander, remove the snap ring.
 (b) Using SST and a press, remove the front drive gear piece.
 SST 09950-00020, 09950-60010 (09951-00320)

NOTICE:

Be careful not to drop the center differential assembly.



3. REMOVE FRONT TAPER ROLLER BEARING

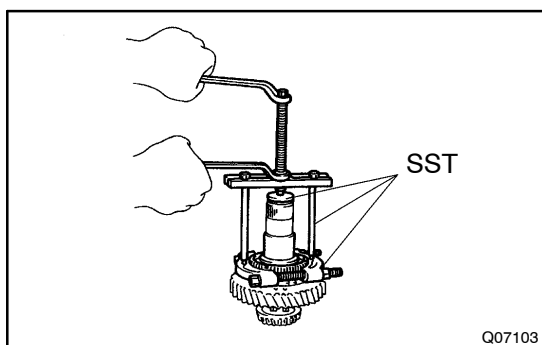
Using SST and a press, remove the front taper roller bearing.

SST 09950-00020

4. REMOVE HIGH SPEED OUTPUT GEAR

5. REMOVE NEEDLE ROLLER BEARING

6. REMOVE HIGH AND LOW CLUTCH SLEEVE ASSEMBLY

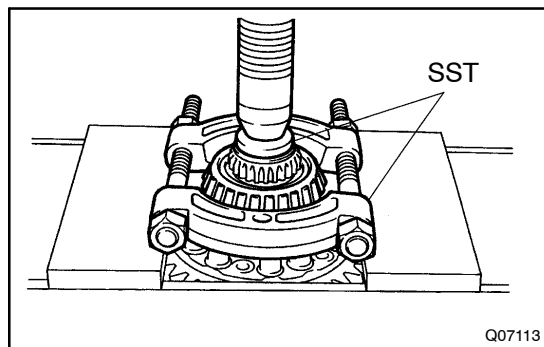


7. REMOVE HIGH SPEED OUTPUT GEAR BUSHING AND CLUTCH HUB

- (a) Using SST and a press, remove the high speed output gear bushing and clutch hub.

SST 09550-00020, 09950-00030, 09950-60010
 (09951-00320)

- (b) Using a magnetic finger, remove the straight pin from the differential front case.

**8. REMOVE REAR TAPER ROLLER BEARING**

Using SST and a press, remove the rear taper roller bearing.
SST 09950-00020, 09950-60010 (09951-00320)

9. REMOVE DIFFERENTIAL REAR CASE

Remove the 12 bolts and differential rear case.

10. REMOVE REAR SIDE GEAR AND THRUST WASHER**11. REMOVE PINION SHAFT, PINION GEAR AND THRUST WASHER**

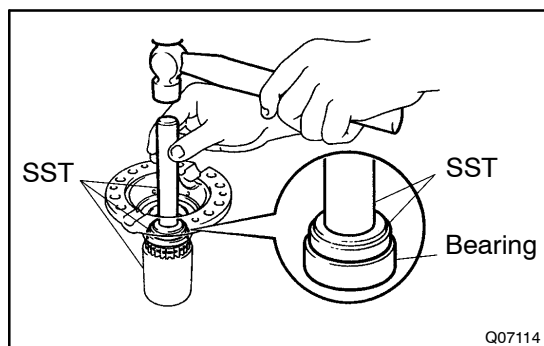
- (a) Remove the straight pin from the pinion shaft.
- (b) Remove the pinion shaft, 2 pinion gears and thrust washers.
- (c) Remove the front side gear and thrust washer.

12. REMOVE LOW GEAR

Using a plastic hammer, tap and remove the low gear.

NOTICE:

Be careful not to damage the low gear.

**13. REMOVE NEEDLE ROLLER BEARING**

- (a) Using a screwdriver, remove the snap ring.
- (b) Using SST and a hammer, remove the needle roller bearing from the differential rear case.
SST 09223-00010, 09950-60010 (09951-00400), 09950-70010 (09951-07150)