

## DISASSEMBLY

### 1. INSPECT HIGH SPEED OUTPUT GEAR RADIAL AND THRUST CLEARANCE

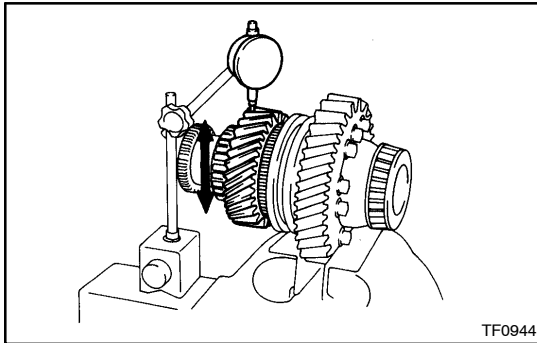
- (a) Using a feeler gauge, measure the high speed output gear thrust clearance.

**Standard clearance:**

**0.10 – 0.25 mm (0.0039 – 0.0098 in.)**

**Maximum clearance:**

**0.25 mm (0.0098 in.)**



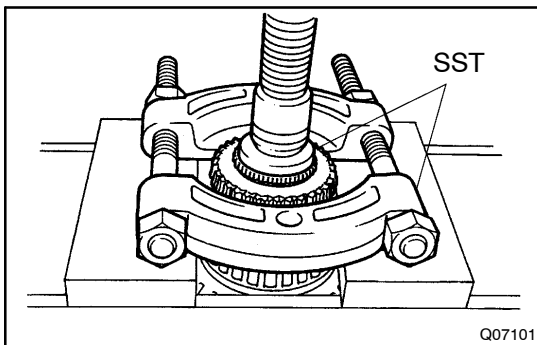
- (b) Using a dial indicator, measure the high speed output gear radial clearance.

**Standard clearance:**

**0.035 – 0.091 mm (0.00138 – 0.00358 in.)**

**Maximum clearance:**

**0.091 mm (0.00358 in.)**

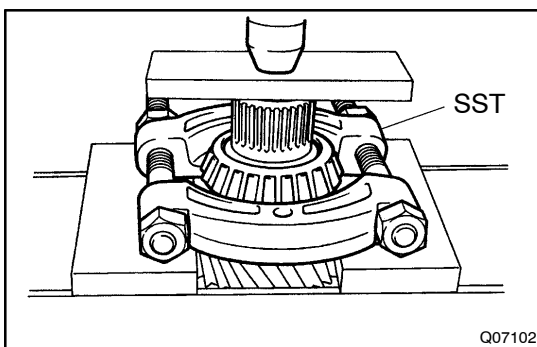


### 2. REMOVE FRONT DRIVE GEAR PIECE

- (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.**



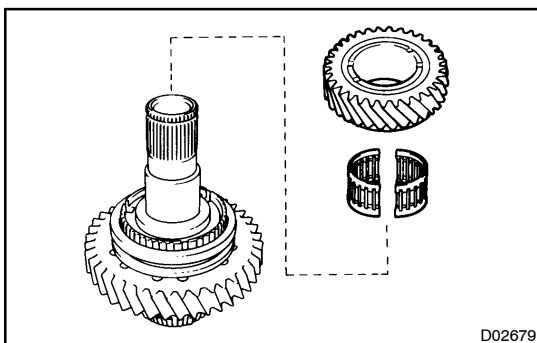
### 3. REMOVE FRONT TAPER ROLLER BEARING

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

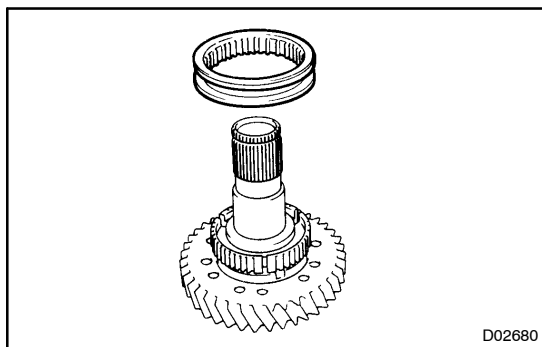
SST 09950-00020

#### NOTICE:

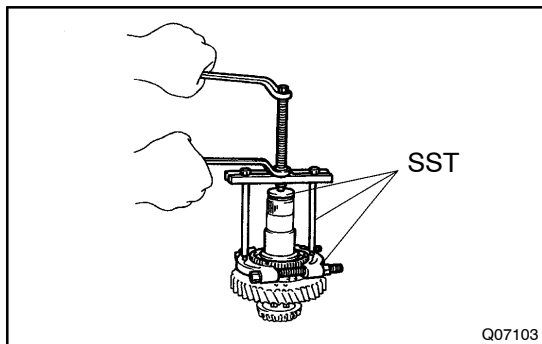
**Set the claw of SST to the bearing inner race securely.**



4. REMOVE HIGH SPEED OUTPUT GEAR  
 5. REMOVE 2 NEEDLE ROLLER BEARINGS

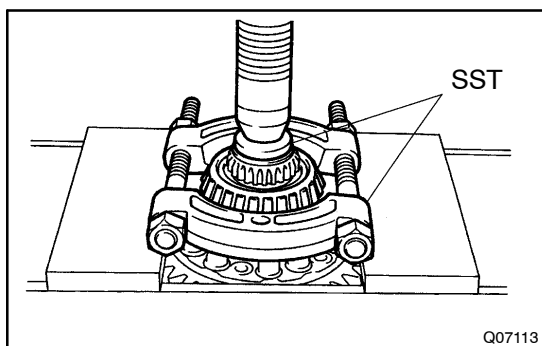


## 6. REMOVE HIGH AND LOW CLUTCH SLEEVE



## 7. REMOVE HIGH SPEED OUTPUT GEAR BUSHING AND CLUTCH HUB

- (a) Using SST, remove the high speed output gear bushing and clutch hub.  
SST 09950-00020, 09950-00030, 09950-60010 (09951-00320)
- (b) Using a magnetic finger, remove the straight pin from the differential front case.



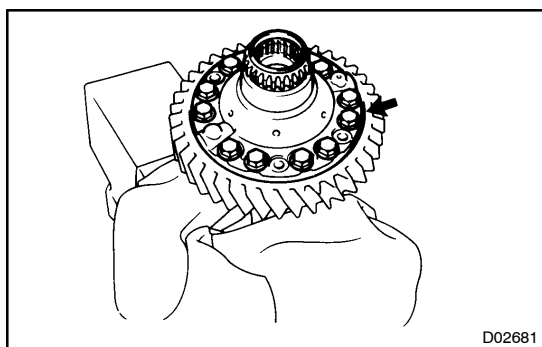
## 8. REMOVE REAR TAPER ROLLER BEARING

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

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

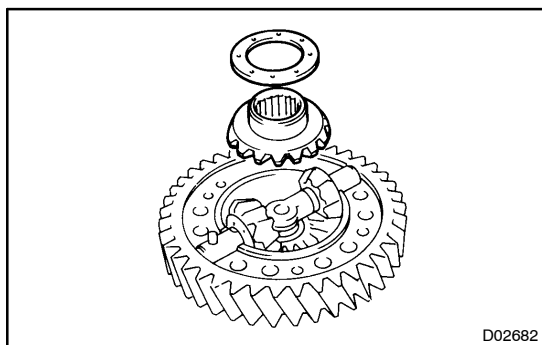
### NOTICE:

Set the claw of SST to the bearing inner race securely.

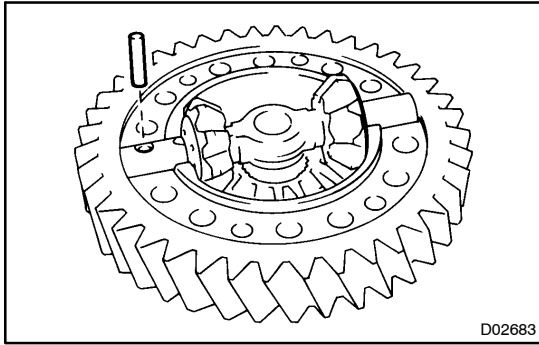


## 9. REMOVE DIFFERENTIAL REAR CASE

Remove the 12 bolts and differential rear case.

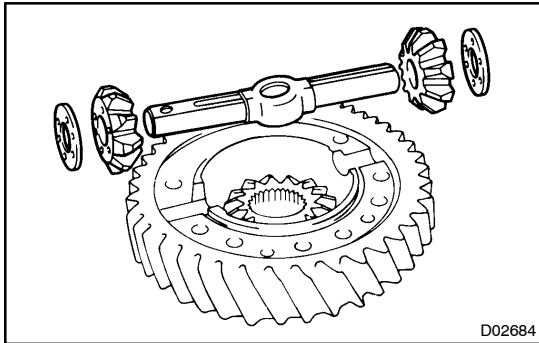


## 10. REMOVE THRUST WASHER AND REAR SIDE GEAR

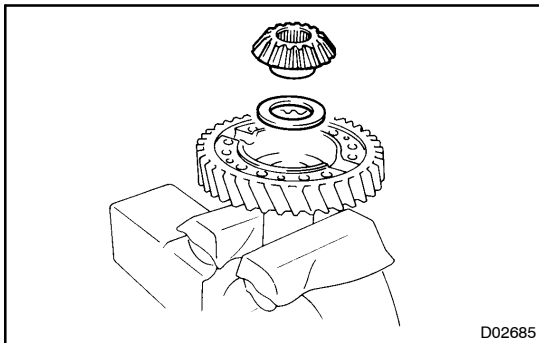


# **11. REMOVE PINION SHAFT, 2 PINION GEARS AND 2 THRUST WASHERS**

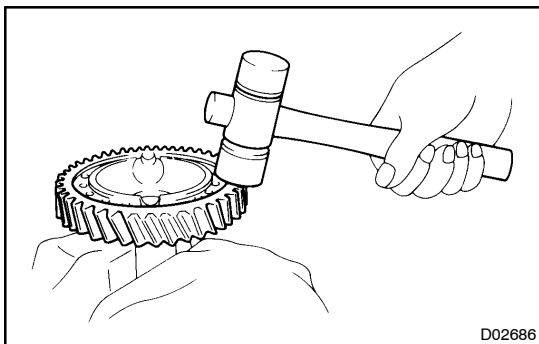
- (a) Remove the straight pin from the pinion shaft.



- (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.**