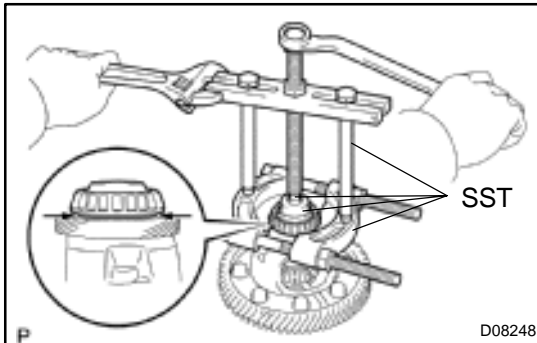


DISASSEMBLY

1. REMOVE RING GEAR

- Place matchmarks on the ring gear and differential case.
- Remove the 8 bolts.
- Using a copper hammer, tap out the ring gear.



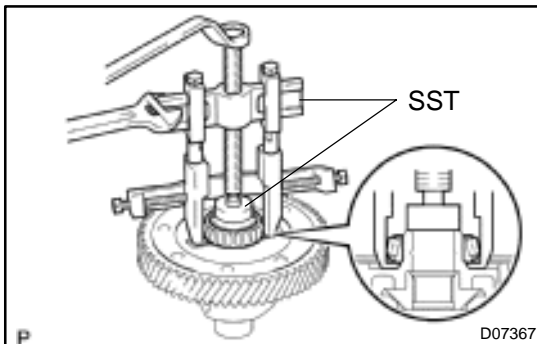
2. Vehicle Speed Sensor Drive Gear Side: REMOVE TAPERED ROLLER BEARING FROM DIFFERENTIAL CASE

- Using SST, remove the tapered roller bearing.
SST 09950-00020, 09950-00030, 09950-40011
(09957-04010), 09950-60010 (09951-00350)

HINT:

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

- Remove the vehicle speed sensor drive gear.



3. Ring Gear Side:

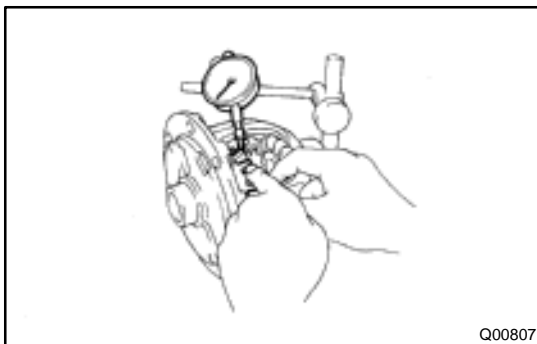
REMOVE TAPERED ROLLER BEARING FROM DIFFERENTIAL CASE

Using SST, remove the tapered roller bearing.

SST 09950-40011, 09950-60010 (09951-00350)

HINT:

Set the claw of SST to the bearing inner race at the position where the differential case is indented.



4. Only w/o LSD:

INSPECT SIDE GEAR BACKLASH

Using a dial indicator, measure the backlash of one side gear while holding one pinion toward the differential case.

Standard backlash:

0.05 – 0.20 mm (0.0020 – 0.0079 in.)

If the backlash is not within the specification, install the correct thrust washer to the side gears.

5. DISASSEMBLE DIFFERENTIAL CASE

- Using a pin punch and a hammer, tap out the straight pin.
- Remove the pinion shaft from the differential case.
- Remove the 2 pinions and side gears with the 4 thrust washers from each gear.