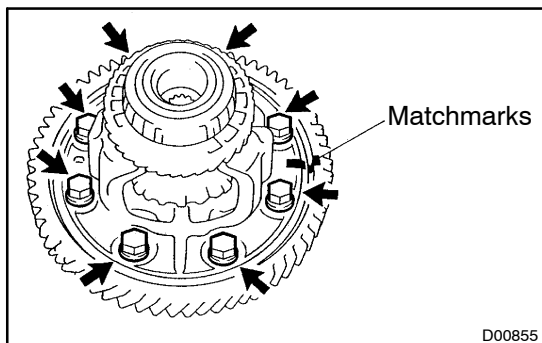
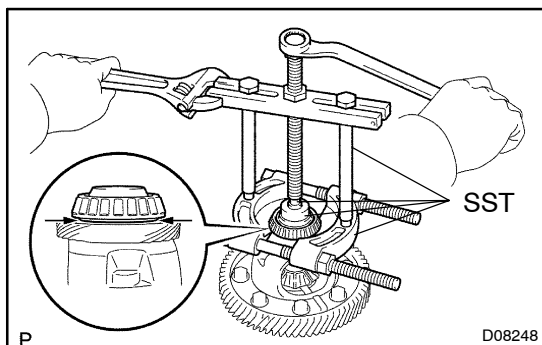




DISASSEMBLY

1. REMOVE RING GEAR

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



2. Speed sensor drive gear side:

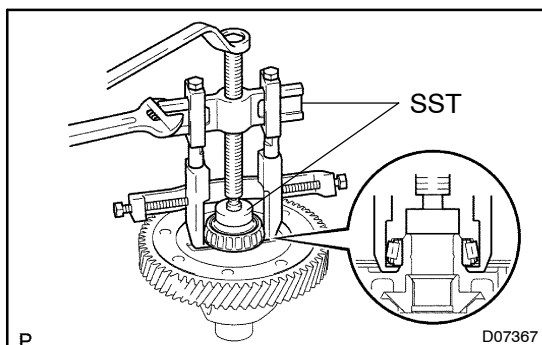
REMOVE TAPERED ROLLER BEARING FROM DIFFERENTIAL CASE

- 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 speed sensor drive gear.



3. Ring gear side:

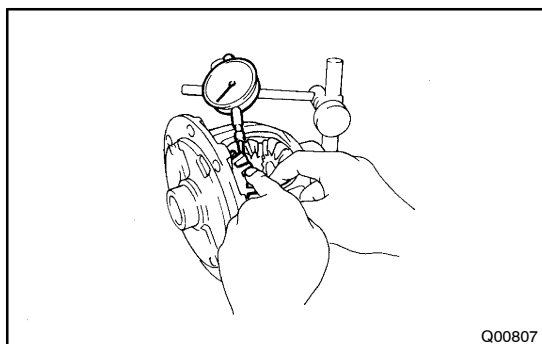
REMOVE TAPERED ROLLER BEARING FROM DIFFERENTIAL CASE

Using SST, remove the tapered roller bearing.

SST 09950-40011 (09951-04010, 09952-04010, 09953-04020, 09954-04010, 09955-04061, 09957-04010, 09958-04011), 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. INSPECT SIDE GEAR BACKLASH

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

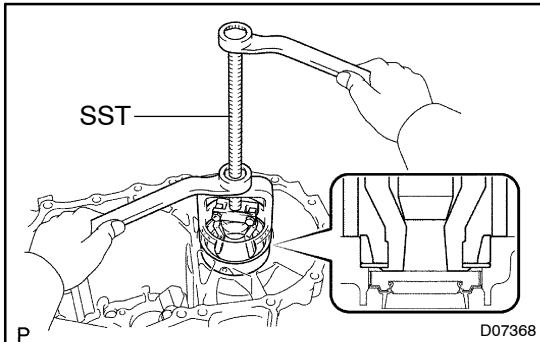
Standard backlash:

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.

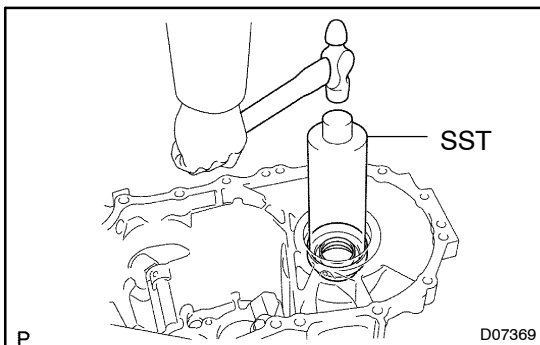
5. DISASSEMBLE DIFFERENTIAL CASE

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

**6. Transmission case side:****IF NECESSARY, REPLACE OIL SEAL AND TAPERED ROLLER BEARING OUTER RACE**

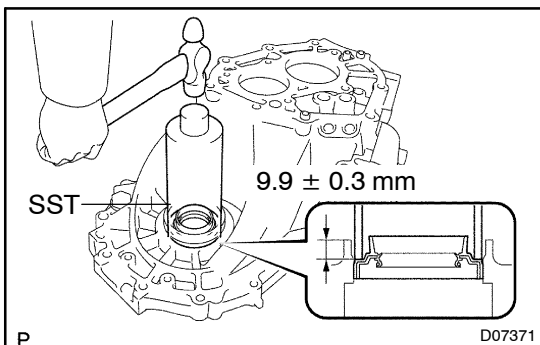
- (a) Using SST, pull out the tapered roller bearing outer race and shim.

SST 09612-65014



- (b) Using SST and a hammer, drive out the oil seal.

SST 09226-10010

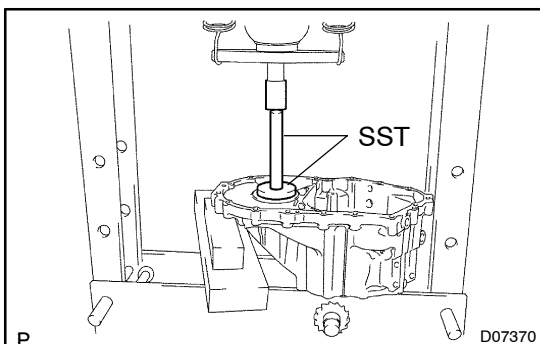


- (c) Using SST and a hammer, drive in a new oil seal.

SST 09226-10010

Drive in depth: 9.9 ± 0.3 mm (0.390 ± 0.012 in.)

- (d) Coat the lip of the oil seal with MP grease.
- (e) Place the shim into the differential case.

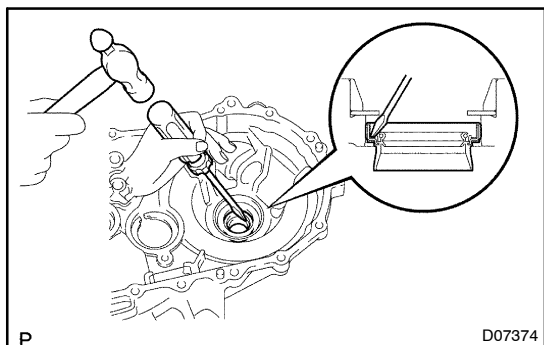


- (f) Using SST and a press, install the tapered roller bearing outer race.

SST 09950-60020 (09951-00710), 09950-70010 (09951-07150)

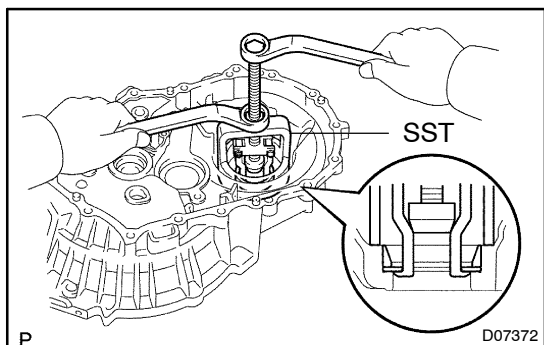
NOTICE:

When replacing the tapered roller bearing outer race, replace the tapered roller bearing along with it.



7. Transaxle case side:
IF NECESSARY, REPLACE OIL SEAL AND TAPERED ROLLER BEARING OUTER RACE

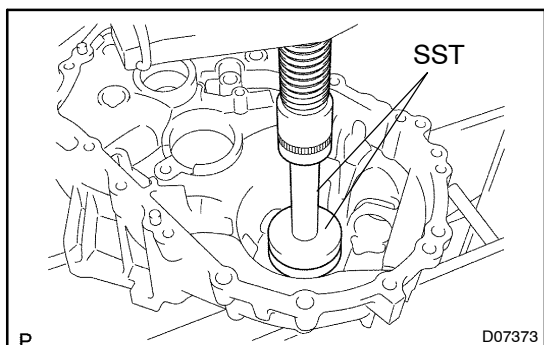
- (a) Using a screwdriver and hammer, drive out the oil seal.



- (b) Using SST, pull out the tapered roller bearing outer race and spacer.

SST 09612-65014

- (c) Place the spacer into the differential case.

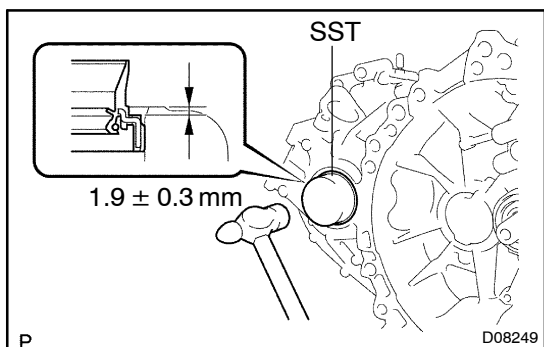


- (d) Using SST and a press, install the tapered roller bearing outer race.

SST 09950-60020 (09951-00680), 09950-70010 (09951-07150)

NOTICE:

When replacing the tapered roller bearing outer race, replace the tapered roller bearing along with it.



- (e) Using SST and a hammer, drive in a new oil seal.
 SST 09710-28021 (09710-08041)

Drive in depth: 1.9 ± 0.3 mm (0.075 ± 0.012 in.)

- (f) Coat the lip of the oil seal with MP grease.