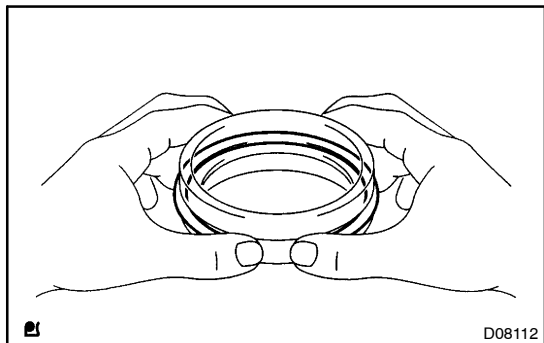
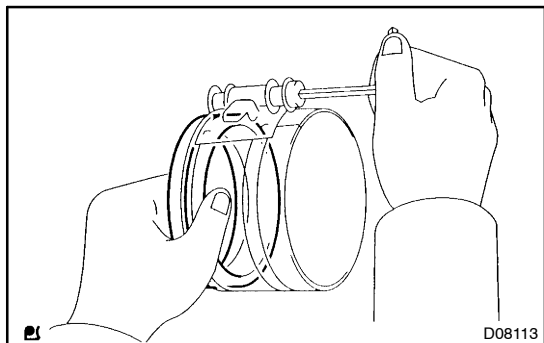




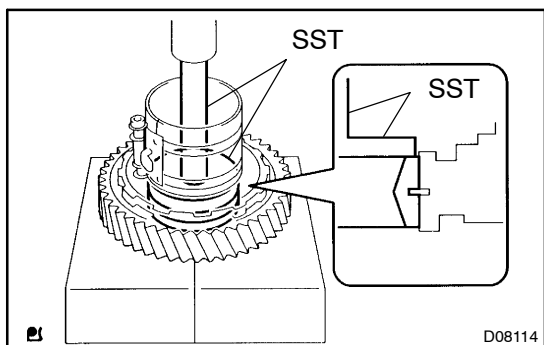
REASSEMBLY

1. INSTALL U/D PLANETARY RING GEAR

- (a) Install a new snap ring to the outer race of taper roller bearing.

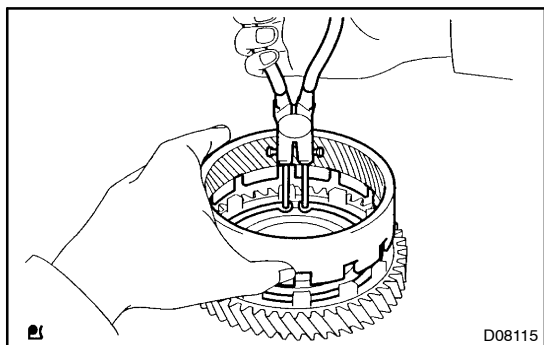


- (b) Using a piston ring compressor, squeeze the snap ring.



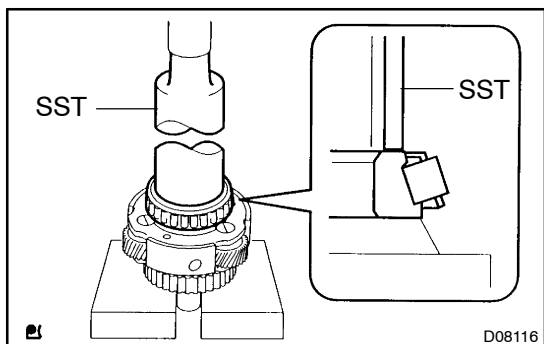
- (c) Using SST and a press, press in the outer race of taper roller bearing.

SST 09950-60020 (09951-00890), 09950-70010 (09951-07100)



- (d) Install the U/D planetary ring gear to the counter driven gear.

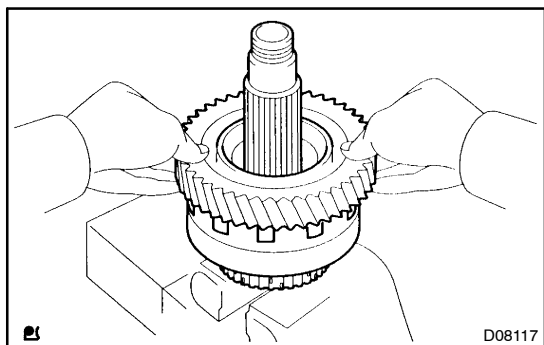
- (e) Using snap ring pliers, install snap ring.



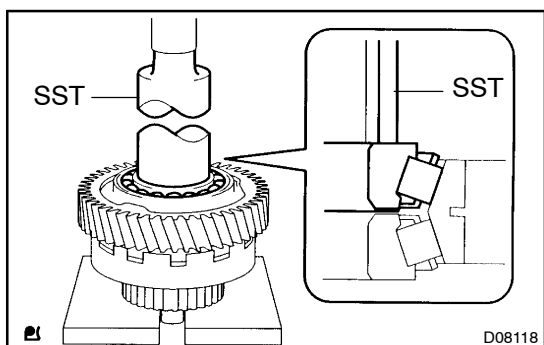
2. INSTALL U/D PLANETARY GEAR

- (a) Using SST and a press, press in a new taper roller bearing to the U/D planetary gear.

SST 09316-00011



- (b) Install the counter driven gear with planetary ring gear to the U/D planetary gear.

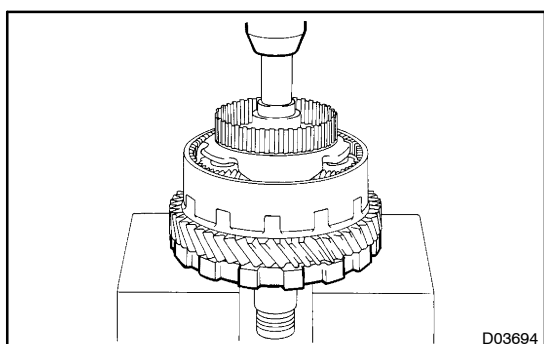


- (c) Using SST and a press, press in a new taper roller bearing.

SST 09316-00011

NOTICE:

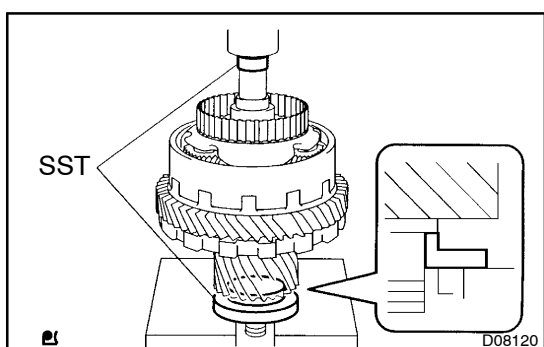
Press in the counter driven gear while rotating it.



- (d) Using a press, install the parking lock gear.

NOTICE:

Press in the counter driven gear while rotating it.

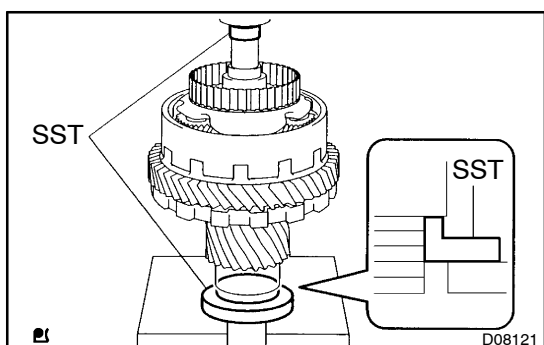


- (e) Using SST and a press, press in the differential drive pinion.

NOTICE:

Press in the counter driven gear while rotating it.

SST 09506-35010, 09950-60010 (09951-00250)

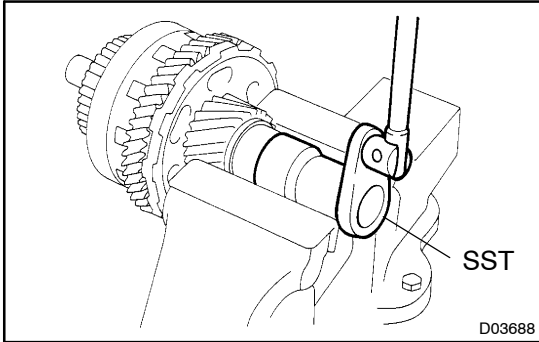


- (f) Using SST and a press, press in the cylindrical roller bearing inner race.

NOTICE:

Press in the counter driven gear while rotating it.

SST 09506-35010, 09950-60010 (09951-00250)



(g) Clamp the U/D planetary gear in soft jaw vise.

NOTICE:

Be careful not to damage the differential drive pinion.

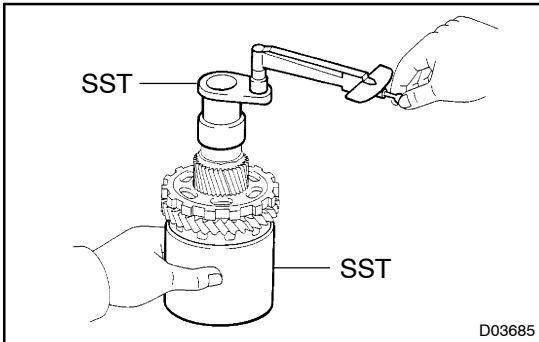
(h) Using SST, install a new lock nut.

Torque: 280 N·m (2,855 kgf·cm, 207 ft·lbf)

SST 09564-16020

HINT:

Use a torque wrench with a fulcrum length of 750 mm (29.53 in.).



3. MEASURE STARTING TORQUE OF U/D INPUT SHAFT

Using SST and a torque wrench, measure the starting torque of U/D input shaft.

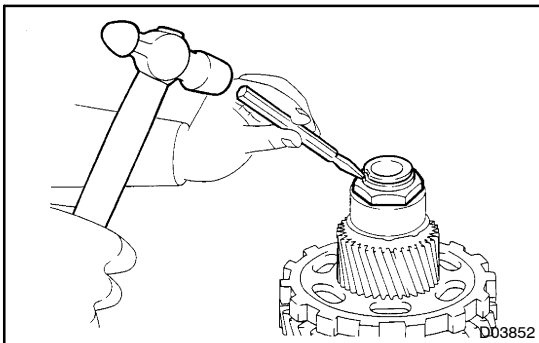
SST 09387-00050, 09564-16020

Starting torque:

0.7 - 4.4 N·m (7 - 44 kgf·cm, 6.2 - 38.9 in.·lbf)

HINT:

Use a torque wrench with a fulcrum length 160 mm (6.30 in.).



4. STAKE LOCK NUT

Using a pin punch and hammer, stake the lock nut.

NOTICE:

Also, make sure that there are no cracks on the nut.