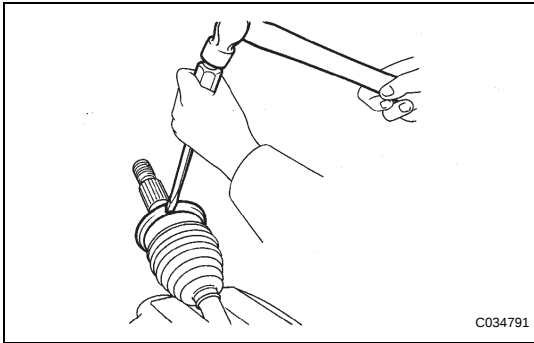
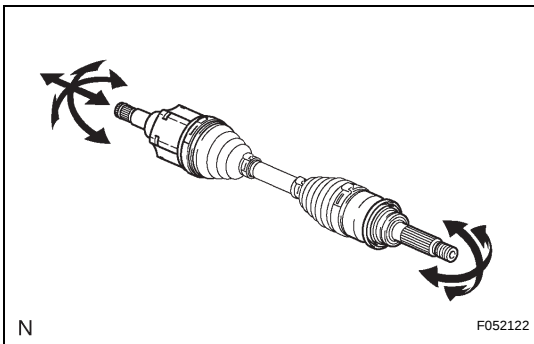




8. REMOVE STEERING KNUCKLE LH OIL SEAL

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



INSPECTION

1. INSPECT FRONT DRIVE SHAFT ASSEMBLY

- (a) Check whether there is no remarkable play in the outboard joint.
- (b) Check whether the inboard joint slides smoothly in the thrust direction.
- (c) Check whether there is no remarkable play in the radial direction of the inboard joint.
- (d) Check the boots for damage.

NOTICE:

Move the drive shaft while keeping it level.

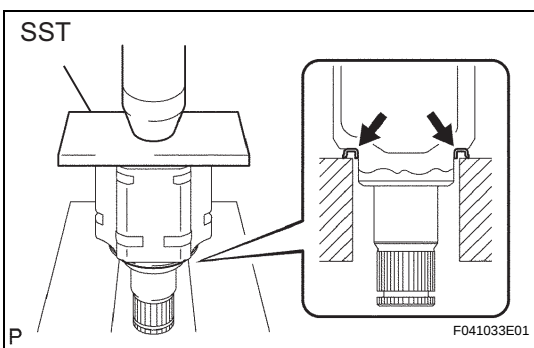
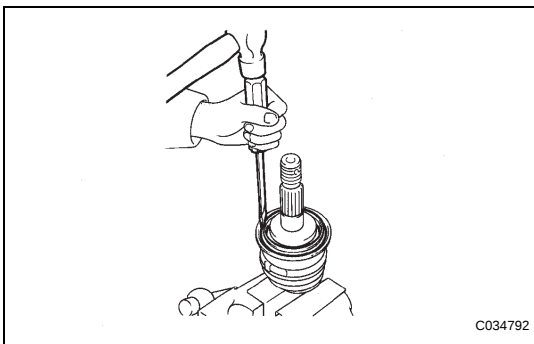
REASSEMBLY

1. INSTALL STEERING KNUCKLE OIL SEAL

- (a) Using a screwdriver and a hammer, install a new oil seal.

NOTICE:

Do not damage the oil seal.



2. INSTALL FRONT DRIVE SHAFT DUST COVER

- (a) Using SST and a press, install a new dust cover.
SST 09527-10011

3. INSTALL FRONT DRIVE INNER SHAFT OUTER SHAFT SNAP RING

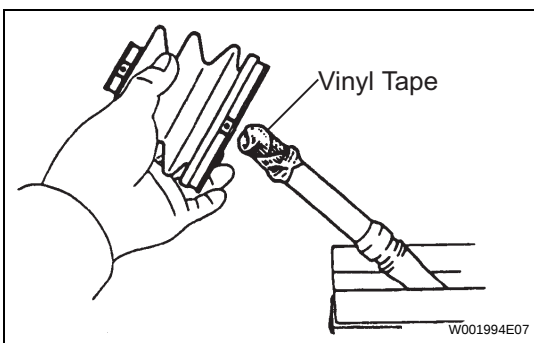
- (a) Install a new snap ring.

4. INSTALL OUTBOARD JOINT BOOT

HINT:

Before installing the boots, wrap the spline of the drive shaft with vinyl tape to prevent the boots from being damaged.

- (a) Temporary install a new outboard joint boot with 2 new clamps onto the outboard joint shaft.



- (b) Pack the outboard joint assembly and boot with grease in the boot kit.

Grease capacity:

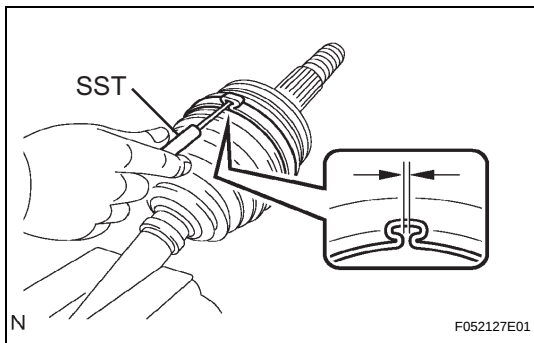
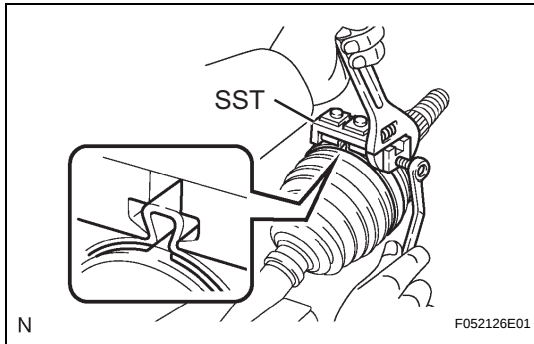
260 to 270 g (9.2 to 9.5 oz.)

5. INSTALL FRONT AXLE OUTBOARD JOINT BOOT CLAMP

- (a) Mount drive shaft in a soft vice.
- (b) Sure the outboard joint boot clamps onto the boot.
- (c) Place SST onto the outboard joint large boot clamp.
- (d) Tighten the SST so that the large clamp is pinched.

SST 09521-24010

NOTICE:
Do not overtighten the SST.



- (e) Using SST, adjust the clearance of the large clamp.

SST 09240-00020

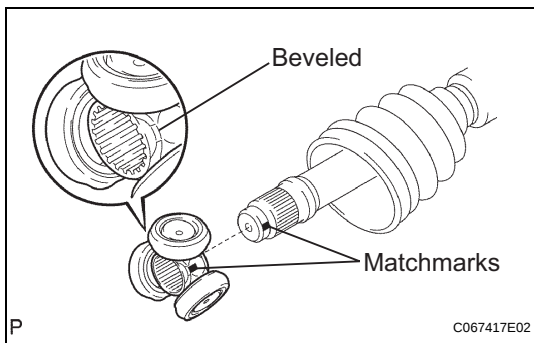
Clearance:

0.8 mm (0.031 in.) or less

- (f) Employ the same manner to the outboard joint small boot clamp.

6. INSTALL INBOARD JOINT BOOT

- (a) Provisionally install a new inboard joint boot the outboard joint shaft.



7. INSTALL FRONT DRIVE INBOARD JOINT ASSEMBLY

- (a) Place the beveled side of the tripod axle spline toward the inboard joint.
- (b) Align the matchmarks and install the tripod into the inboard joint.
- (c) Using a brass bar and hammer, tap the tripod into the drive shaft.

NOTICE:

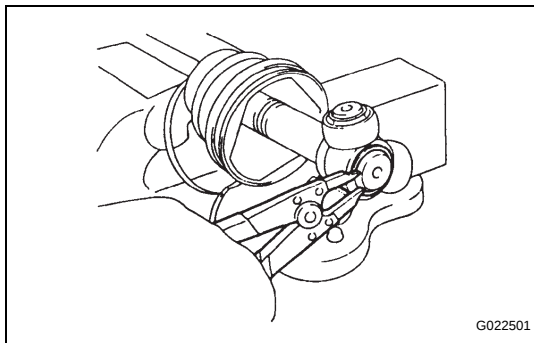
Do not tap the roller.

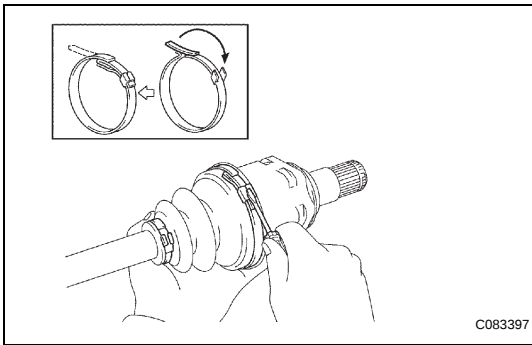
- (d) Pack the inboard joint assembly and boot with grease in the boot kit.

Grease capacity:

231 to 241 g (8.1 to 8.5 oz.)

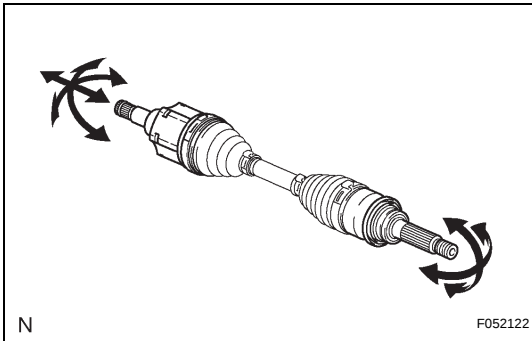
- (e) Using a snap ring expander, install a new snap ring.





8. INSTALL FRONT AXLE INBOARD JOINT BOOT CLAMP

- Bend the band and lock a new inboard joint large boot clamp with a screwdriver.
- Using the same manner to the inboard joint small boot clamp.

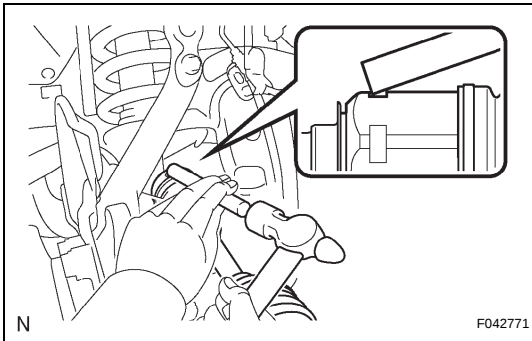


9. INSPECT FRONT DRIVE SHAFT ASSEMBLY

- Check whether there is no remarkable play in the outboard joint.
- Check whether the inboard joint slides smoothly in the thrust direction.
- Check whether there is no remarkable play in the radial direction of the inboard joint.
- Check the boots for damage.

NOTICE:

Move the drive shaft while keeping it level.



INSTALLATION

1. INSTALL FRONT DRIVE SHAFT ASSEMBLY

- Coat the spline of the inboard joint shaft assembly with ATF.
- Align the shaft splines and install the drive shaft with a brass bar and hammer.

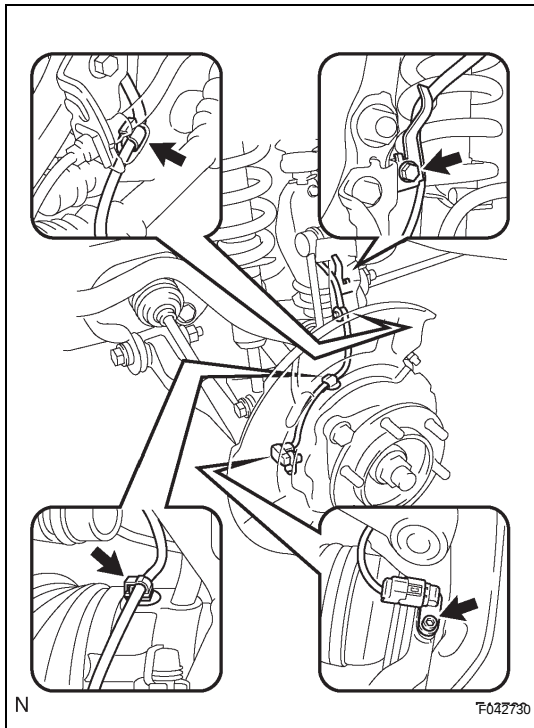
NOTICE:

- Set the snap ring with the opening side facing downward.
- Be careful not to damage the oil seal.

HINT:

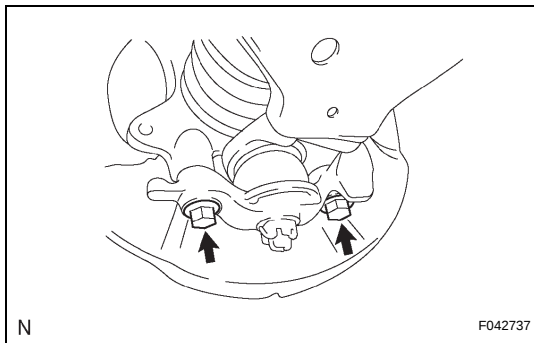
Whether the inboard joint shaft is in contact with the pinion shaft or not can be confirmed from the sound or feeling when driving it.

DS



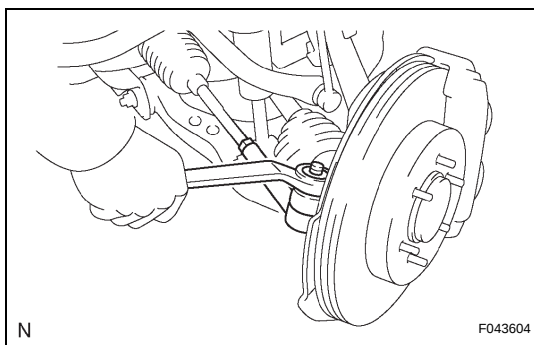
2. INSTALL FRONT SPEED SENSOR

- (a) Install the speed sensor wire harness to the steering knuckle with a bolt.
Torque: 13 N*m (133 kgf*cm, 10 ft.*lbf)
- (b) Connect the 2 clips.
- (c) Using a hexagon wrench, install the speed sensor with the bolt.
Torque: 8.3 N*m (85 kgf*cm, 73 in.*lbf)



3. INSTALL NO. 1 FRONT SUSPENSION LOWER ARM SUB-ASSEMBLY

- (a) Install the No. 1 front suspension lower ball joint attachment with the 2 bolts.
Torque: 160 N*m (1,631 kgf*cm, 118 ft.*lbf)

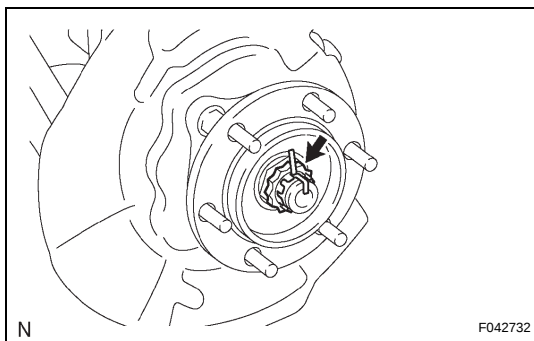


4. INSTALL TIE ROD END SUB-ASSEMBLY

- (a) Install the tie rod end onto the steering knuckle.
- (b) Install the nut.
Torque: 91 N*m (928 kgf*cm, 67 ft.*lbf)
- (c) Install a new cotter pin.

NOTICE:

If the holes for the cotter pin are not aligned, tighten the nut further to 60°.



5. INSTALL FRONT AXLE HUB LH NUT

- (a) Install the hub nut.
Torque: 294 N*m (3,000 kgf*cm, 217 ft.*lbf)
- (b) Install a new cotter pin and adjusting cap.

6. FILL UP DIFFERENTIAL OIL (See page DF-3)

7. INSPECT DIFFERENTIAL OIL (See page DF-3)

8. INSTALL FRONT WHEEL

Torque: 112 N*m (1,142 kgf*cm, 83 ft.*lbf)

9. CHECK VSC SENSOR SIGNAL

HINT:

(See page [BC-22](#))