

## INSTALLATION

### HINT:

- Use the same procedures for the RH side and LH side.
- The procedures listed below are for the LH side.

#### 1. INSTALL FRONT AXLE HUB BEARING

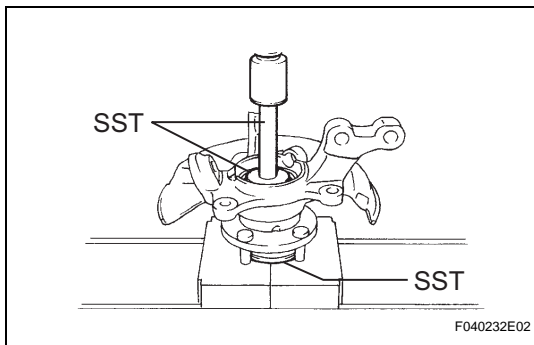
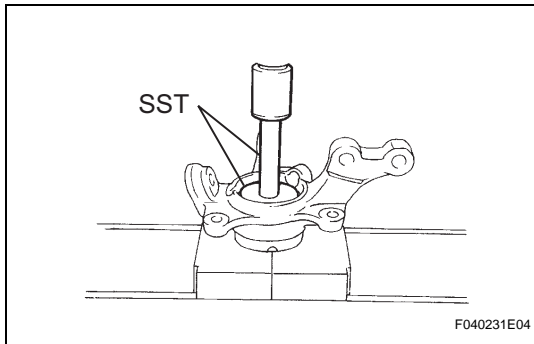
- (a) Using SST and a press, press a new hub bearing in the steering knuckle.

**SST 09950-60020 (09951-00680), 09950-70010 (09951-07100)**

#### 2. INSTALL FRONT DISC BRAKE DUST COVER

- (a) Install the front dust cover with the 3 bolts.

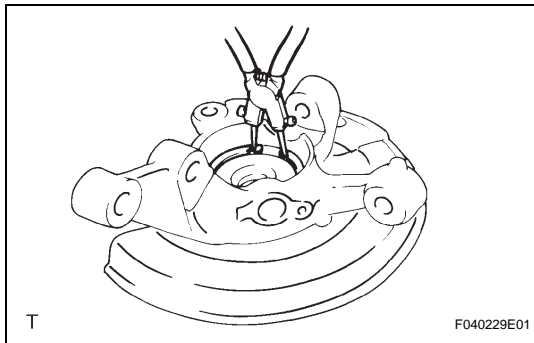
**Torque: 8.3 N\*m (85 kgf\*cm, 73 in.\*lbf)**



#### 3. INSTALL FRONT AXLE HUB SUB-ASSEMBLY

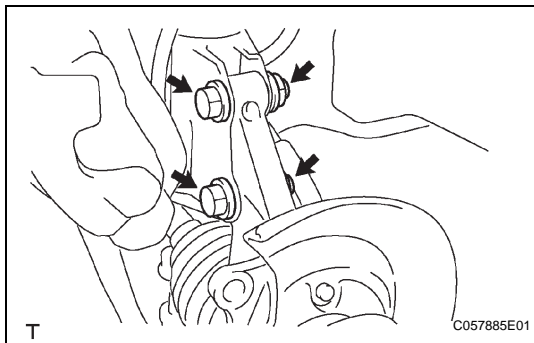
- (a) Using SST and a press, press the axle hub in the steering knuckle.

**SST 09950-60020 (09951-00680), 09950-70010 (09951-07100), 09608-32010**



#### 4. INSTALL FRONT AXLE HUB HOLE SNAP RING

- (a) Using snap ring pliers, install a new hole snap ring.



#### 5. INSTALL FRONT AXLE ASSEMBLY

- (a) Install the front axle to the front shock absorber with the 2 bolts and 2 nuts.

**Torque: 132 N\*m (1,,350 kgf\*cm, 97 ft.\*lbf)**

### NOTICE:

**Only when reusing the bolts and nuts, apply a small amount of engine oil to the screw part of the nuts.**

#### 6. CONNECT FRONT DRIVE SHAFT ASSEMBLY

- (a) Install the drive shaft to the front axle.

### NOTICE:

- Be careful not to damage the outboard joint boot.
- Be careful not to damage the speed sensor rotor.

- Do not excessively push the front axle assembly.

#### 7. CONNECT TIE ROD END SUB-ASSEMBLY

- Connect the tie rod end to the steering knuckle with the nut.

**Torque: 49 N\*m (500 kgf\*cm, 36 ft.\*lbf)**

- Install a new cotter pin.

**NOTICE:**

If the holes for the cotter pin are not aligned, tighten the nut an additional 60°.

#### 8. CONNECT FRONT NO. 1 SUSPENSION LOWER ARM SUB-ASSEMBLY

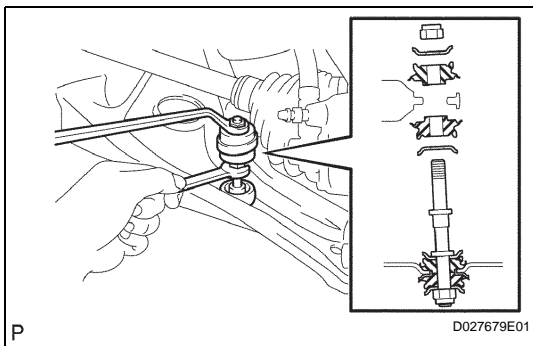
- Connect the front suspension lower arm to the steering knuckle with the nut.

**Torque: 98 N\*m (999 kgf\*cm, 72 ft.\*lbf)**

- Install a new clip.

**NOTICE:**

If the holes for the clip are not aligned, tighten the nut an additional 60°.



#### 9. CONNECT FRONT STABILIZER BAR

- Connect the front stabilizer bar with the 2 cushion retainers, 2 cushions and nut, as shown in the illustration.

**NOTICE:**

Be sure to install the cushion and retainer in the correct direction.

- Hold the bolt with a wrench spanner and install the nut.

**Torque: 18 N\*m (184 kgf\*cm, 13 ft.\*lbf)**

#### 10. INSTALL FRONT DISC

#### 11. CONNECT FRONT DISC BRAKE CYLINDER ASSEMBLY

- Install the brake cylinder with the 2 bolts to the steering knuckle.

**Torque: 88 N\*m (897 kgf\*cm, 65 ft.\*lbf)**

#### 12. INSTALL FRONT AXLE HUB NUT

- Install a new hub nut.

**Torque: 216 N\*m (2,200 kgf\*cm, 159 ft.\*lbf)**

#### 13. DISCONNECT FRONT DISC BRAKE CYLINDER ASSEMBLY

**NOTICE:**

Use a string or other device to keep the brake caliper from hanging down.

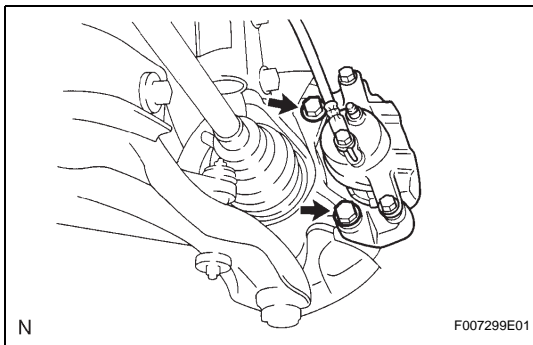
#### 14. REMOVE FRONT DISC

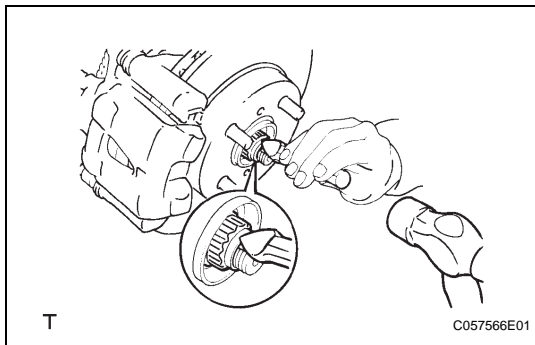
#### 15. INSPECT FRONT AXLE DEVIATION AND BACKLASH

- Inspect the front axle deviation and backlash (see page AH-6).

#### 16. INSTALL FRONT DISC

#### 17. CONNECT FRONT DISC BRAKE CYLINDER ASSEMBLY



**18. INSTALL FRONT SPEED SENSOR**

- (a) Install the front speed sensor (see page [BC-108](#)).

**19. STAKE FRONT AXLE HUB NUT**

- (a) Using a chisel and hammer, stake the hub nut.

**20. INSTALL FRONT WHEEL**

Torque: 103 N\*m (1,050 kgf\*cm, 76 ft.\*lbf)

**21. INSPECT AND ADJUST FRONT WHEEL ALIGNMENT**

- (a) Inspect and adjust the front wheel alignment (see page [SP-2](#)).

**22. CHECK ABS SPEED SENSOR SIGNAL**

- (a) Check the ABS speed sensor signal (see page [BC-7](#)).