

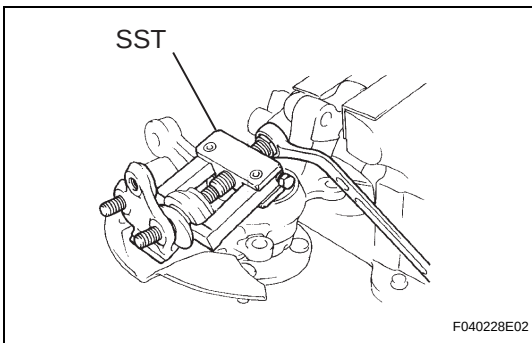
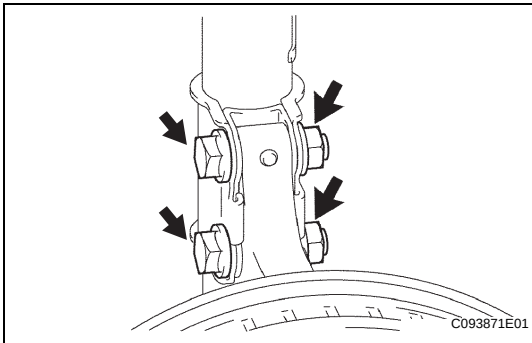
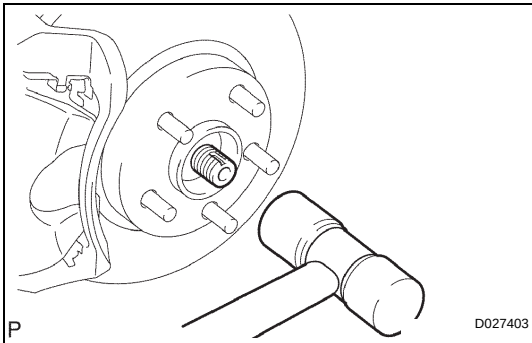
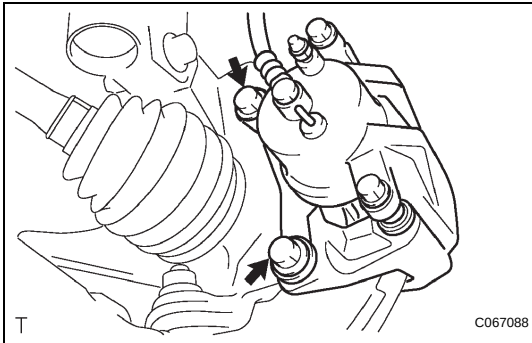
REMOVAL

1. REMOVE FRONT WHEEL
2. REMOVE FRONT AXLE HUB LH NUT (See page [DS-5](#))
3. SEPARATE FRONT STABILIZER LINK ASSEMBLY LH (See page [DS-5](#))
4. SEPARATE FRONT SPEED SENSOR LH (See page [DS-5](#))
5. SEPARATE FRONT DISC BRAKE CALIPER ASSEMBLY LH
 - (a) Remove the 2 bolts, separate the brake caliper assembly LH from the steering knuckle.
6. REMOVE FRONT DISC
7. SEPARATE TIE ROD END SUB-ASSEMBLY LH (See page [DS-6](#))
8. SEPARATE NO. 1 FRONT SUSPENSION ARM SUB-ASSEMBLY LOWER LH (See page [DS-6](#))
9. REMOVE FRONT AXLE ASSEMBLY LH
 - (a) Using a plastic hammer, separate the drive shaft from the axle hub.

NOTICE:

- Be careful not to damage the boot.
- With ABS:
Be careful not to damage the speed sensor rotor.

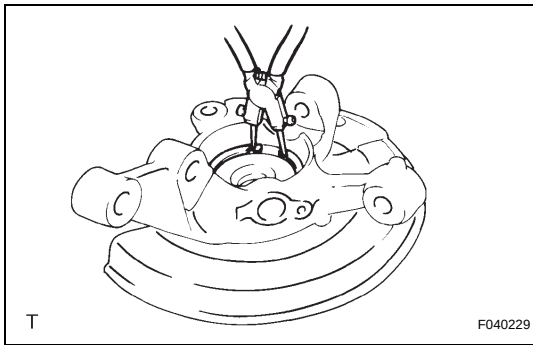
- (b) Remove the 2 bolts, 2 nuts and front axle assembly LH.



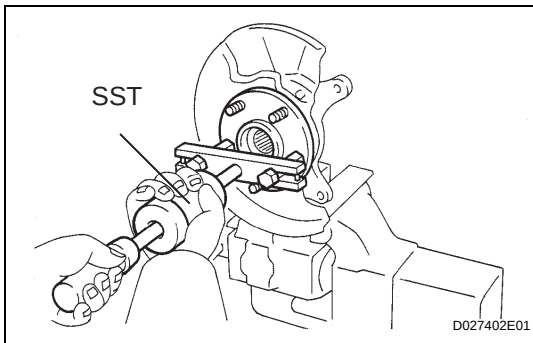
10. REMOVE FRONT LOWER BALL JOINT ASSEMBLY LH

- (a) Remove the cotter pin and nut.
- (b) Using SST, remove the lower ball joint assembly front LH.

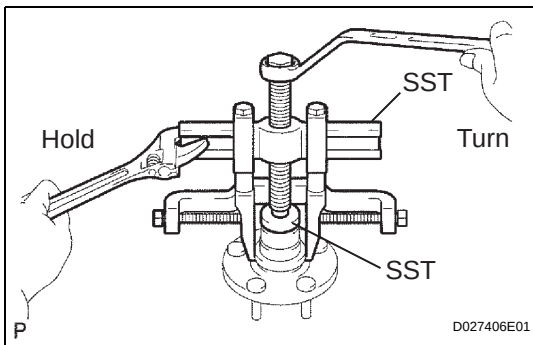
SST 09628-62011

**11. REMOVE FRONT AXLE HUB LH HOLE SNAP RING**

- (a) Using snap ring pliers, remove the LH hole snap ring.

**12. REMOVE FRONT AXLE HUB SUB-ASSEMBLY LH**

- (a) Using SST, remove the hub sub-assembly LH.
SST 09520-00031

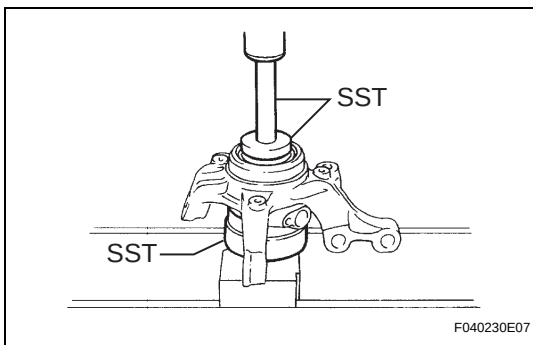


- (b) Using SST, remove the inner race of hub LH bearing from the hub sub-assembly LH.

SST 09950-40011 (09951-04020, 09952-04010, 09953-04030, 09954-04010, 09955-04061, 09957-04010, 09958-04011), 09950-60010 (09951-00370)

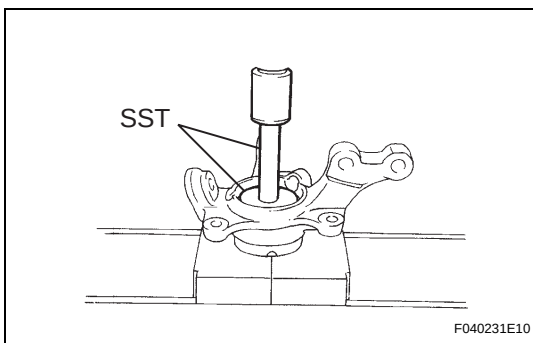
13. REMOVE FRONT DISC BRAKE DUST COVER LH

- (a) Remove the 3 bolts and front dust cover LH.

**14. REMOVE FRONT AXLE HUB LH BEARING**

- (a) Place the inner race of hub LH bearing on the outer race of hub LH bearing.
- (b) Using SST and a press, remove the hub LH bearing from the steering knuckle.

SST 09527-17011, 09950-60010 (09951-00640), 09950-70010 (09951-07100)

**INSTALLATION****1. INSTALL FRONT AXLE HUB LH BEARING**

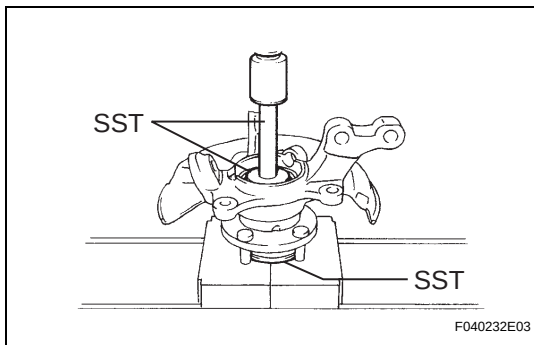
- (a) Using SST and a press, install a new hub LH bearing to the steering knuckle.

SST 09950-60020 (09951-00720), 09950-70010 (09951-07100)

2. INSTALL FRONT DISC BRAKE DUST COVER LH

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

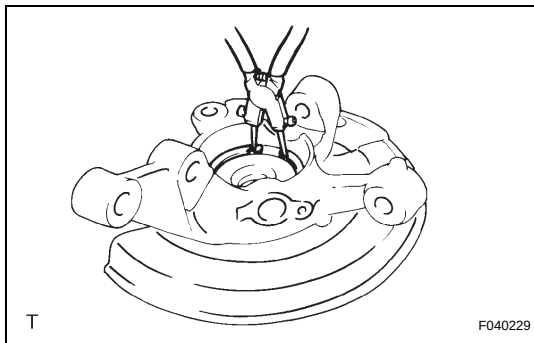
Torque: 8.3 N*m (85 kgf*cm, 73 in.*lb)



3. INSTALL FRONT AXLE HUB SUB-ASSEMBLY LH

- (a) Using SST and a press, install the hub sub-assembly LH.

SST 09608-32010, 09950-60010 (09951-00600),
09950-70010 (09951-07100)



4. INSTALL FRONT AXLE HUB LH HOLE SNAP RING

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

5. INSTALL FRONT LOWER BALL JOINT ASSEMBLY LH

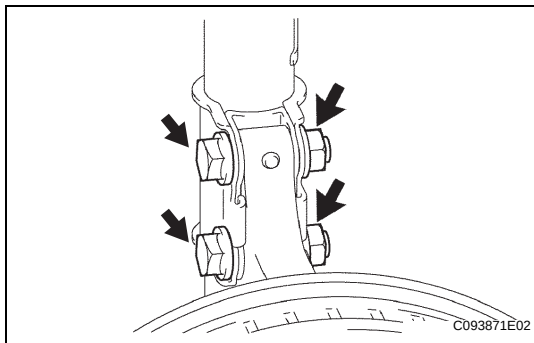
- (a) Install the lower ball joint assembly front LH, torque the nut.

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

- (b) Install a new cotter pin.

NOTICE:

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



6. INSTALL FRONT AXLE ASSEMBLY LH

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

Torque: 220 N*m (2,243 kgf*cm, 162 ft.*lbf)

NOTICE:

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

- (b) Push the front axle assembly toward the outside of the vehicle, fit the splined part of the drive shaft assembly to that of the front axle assembly and insert the drive shaft assembly into the front axle assembly.

NOTICE:

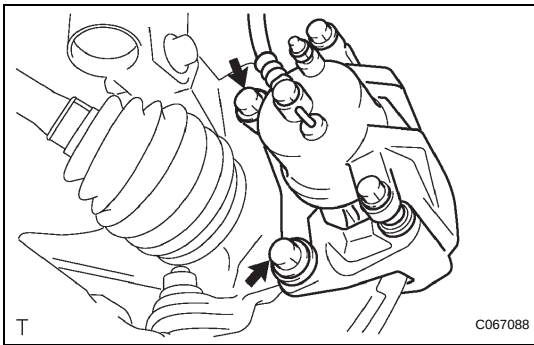
- Do not push out the front axle assembly excessively.
- Be careful not to damage the drive shaft outboard joint boot.
- With ABS:
Be careful not to damage the speed sensor rotor.

7. INSTALL NO. 1 FRONT SUSPENSION ARM SUB-ASSEMBLY LOWER LH (See page [DS-12](#))

8. INSTALL TIE ROD END SUB-ASSEMBLY LH (See page [DS-12](#))

9. INSTALL FRONT STABILIZER LINK ASSEMBLY LH (See page [DS-13](#))

10. INSTALL FRONT DISC

**11. INSTALL FRONT DISC BRAKE CALIPER ASSEMBLY LH**

- (a) Install the brake caliper assembly with the 2 bolts to the steering knuckle.

Torque: 107 N*m (1,089 kgf*cm, 79 ft.*lbf)

12. INSTALL FRONT AXLE HUB LH NUT

- (a) Using a socket wrench (30 mm), install a new hub LH nut.

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

13. SEPARATE FRONT DISC BRAKE CALIPER ASSEMBLY LH**14. REMOVE FRONT DISC****15. INSTALL FRONT DISC****16. INSTALL FRONT DISC BRAKE CALIPER ASSEMBLY LH****17. INSTALL FRONT SPEED SENSOR LH (WITH ABS)**
(See page [DS-13](#))**18. INSTALL FRONT AXLE HUB LH NUT**

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

19. INSTALL FRONT WHEEL

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

20. INSPECT AND ADJUST FRONT WHEEL ALIGNMENT
(See page [SP-6](#))**21. INSPECT ABS SPEED SENSOR SIGNAL (WITH ABS)**

- (a) Vehicle Stability Control System (See page [BC-83](#))
(b) Anti-lock Brake System (See page [BC-7](#))

