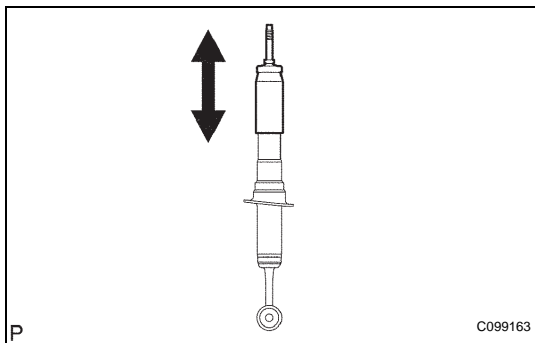
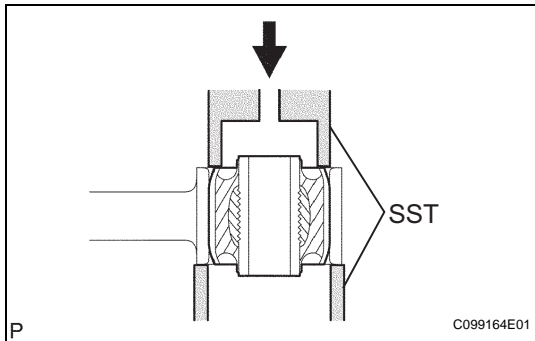


12. REMOVE FRONT SUSPENSION SUPPORT SUB-ASSEMBLY LH
13. REMOVE FRONT SHOCK ABSORBER CUSHION RETAINER
14. REMOVE FRONT COIL SPRING LH
15. REMOVE FRONT SHOCK ABSORBER BUSH
  - (a) Using SST and a press, remove the absorber bush.
 

**SST 09710-22021 (09710-01071, 09710-01081)**



## INSPECTION

1. INSPECT SHOCK ABSORBER ASSEMBLY FRONT LH
  - (a) Compress and extend the shock absorber rod, and check that there is no abnormal resistance or unusual sound during operation. If there is any abnormality, replace the shock absorber assembly front LH with a new one.

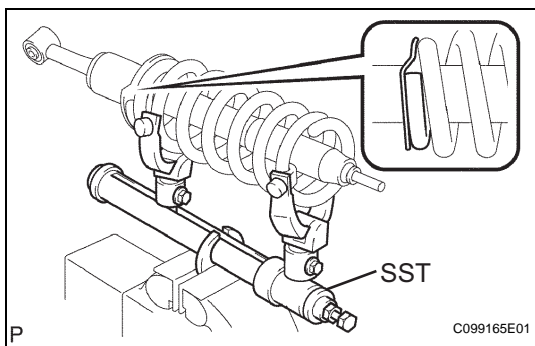
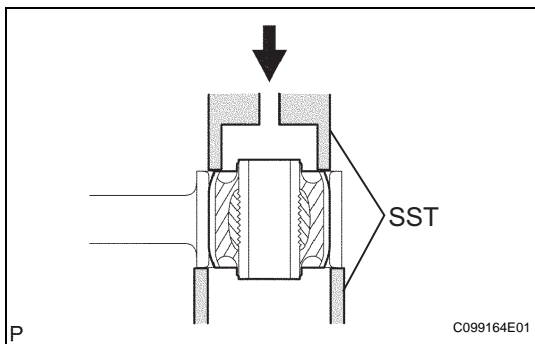
**NOTICE:**

**When disposing of the shock absorber assembly front LH, see DISPOSAL (See page SP-15).**

## INSTALLATION

1. INSTALL FRONT SHOCK ABSORBER BUSH
  - (a) Using SST and a press, install a new absorber bush.
 

**SST 09710-22021 (09710-01071, 09710-01081)**



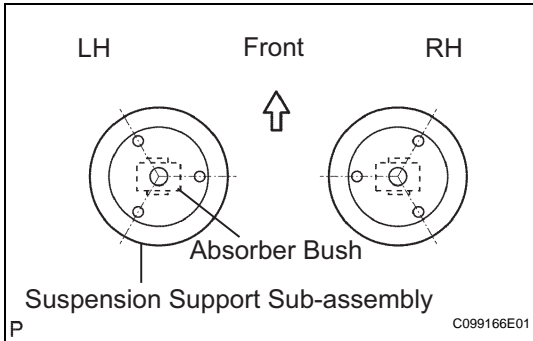
2. INSTALL FRONT COIL SPRING LH
  - (a) Using SST, compress the front coil spring LH.
 

**SST 09727-30021 (09727-00010, 09727-00031, 09727-00060)**

**NOTICE:**  
Do not use an impact wrench. It will damage the SST.
  - (b) Install the front coil spring LH to the shock absorber assembly front LH.
 

**HINT:**  
Fit the lower end of the front coil spring LH into the gap of the spring lower seat.
3. INSTALL FRONT SHOCK ABSORBER CUSHION RETAINER

4. **INSTALL FRONT SUSPENSION SUPPORT SUB-ASSEMBLY LH**
5. **INSTALL FRONT SHOCK ABSORBER CUSHION NO. 1**
6. **INSTALL FRONT SHOCK ABSORBER CUSHION RETAINER**
7. **INSTALL FRONT SUPPORT TO FRONT SHOCK ABSORBER NUT**



(a) Align the suspension support sub-assembly and the absorber bush as shown in the illustration.

(b) Tighten the new lock nut.

**Torque: 25 N\*m (260 kgf\*cm, 18 ft.\*lbf)**

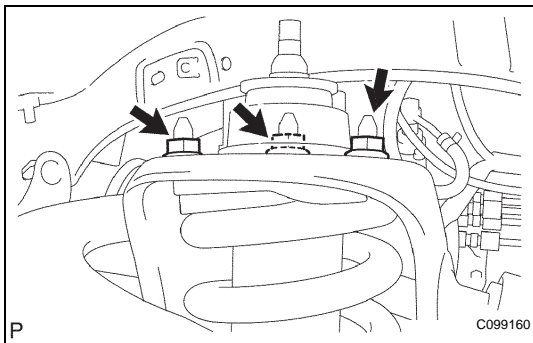
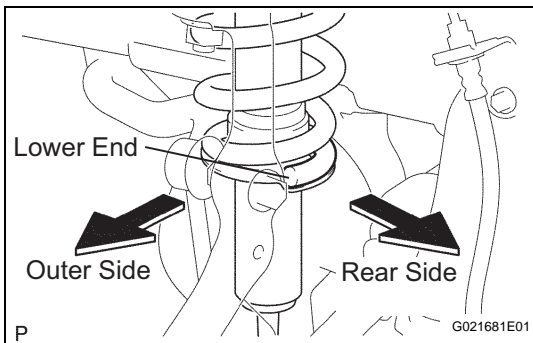
**NOTICE:**

**Do not use an impact wrench. It will damage the shock absorber rod.**

(c) Release the coil spring while checking the position of the suspension support.

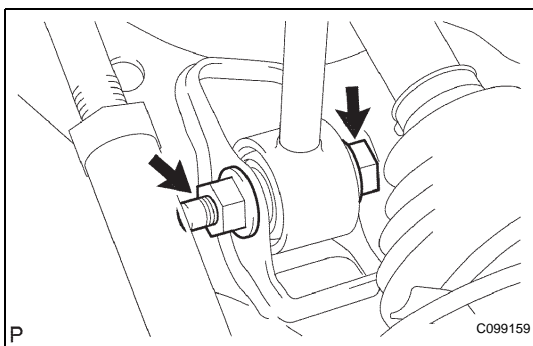
8. **TEMPORARILY TIGHTEN FRONT SHOCK ABSORBER WITH COIL SPRING (w/o REAS)**

(a) Install the coil spring on the body as the lower end of the coil spring faces rear side of the vehicle.

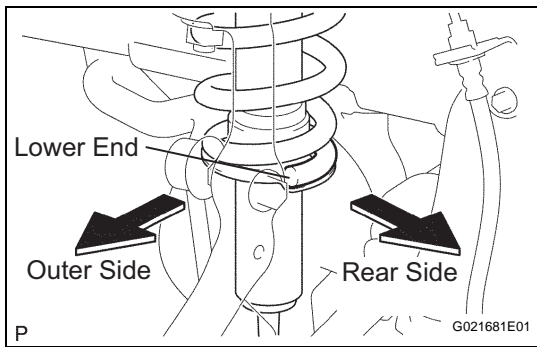


(b) Install the 3 nuts on the upper side of the front shock absorber with coil spring.

**Torque: 64 N\*m (650 kgf\*cm, 47 ft.\*lbf)**

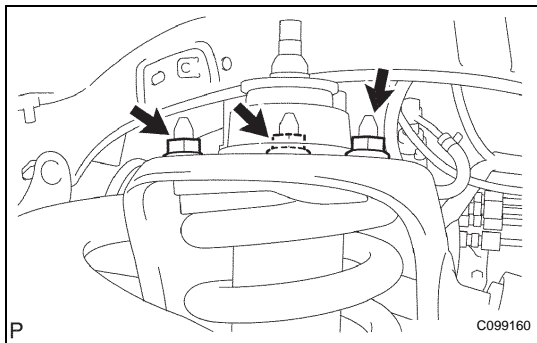


(c) Temporarily tighten the bolt, the nut and the washer as shown in the illustration.



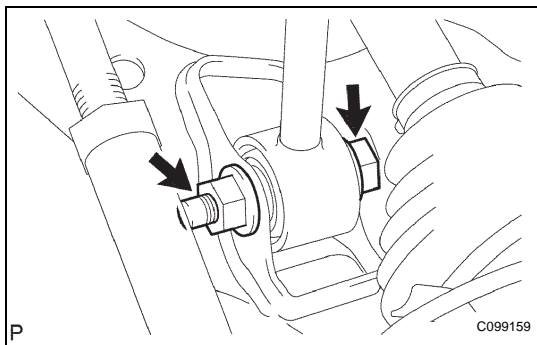
**9. TEMPORARILY TIGHTEN FRONT SHOCK ABSORBER WITH COIL SPRING (w/ REAS)**

(a) Install the coil spring on the body as the lower end of the coil spring faces rear side of the vehicle.

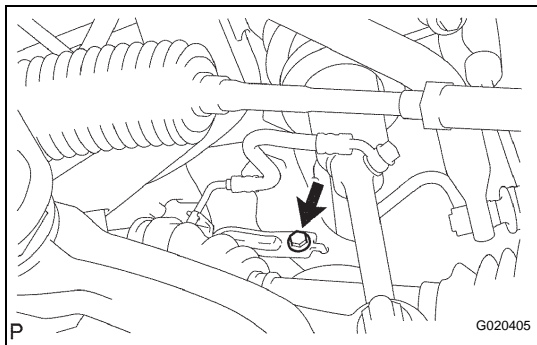


(b) Install the 3 nuts on the upper side of the front shock absorber with coil spring.

**Torque: 64 N\*m (650 kgf\*cm, 47 ft.\*lbf)**



(c) Temporarily tighten the bolt, the nut and the washer as shown in the illustration.

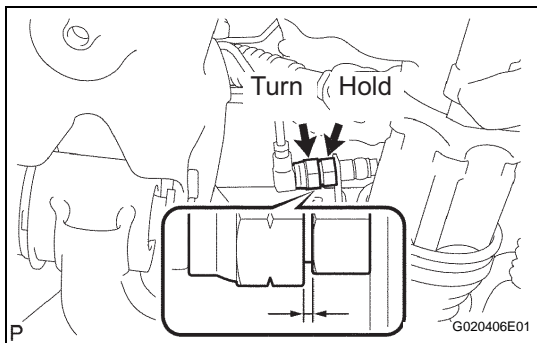


(d) Install the bolt.

**Torque: 29 N\*m (300 kgf\*cm, 21 ft.\*lbf)**

**NOTICE:**

**Be sure to fit the detents attached to the bracket into a hole on the frame side.**



(e) As shown in the illustration, tighten the nut of clearance to standard value.

**Clearance:**

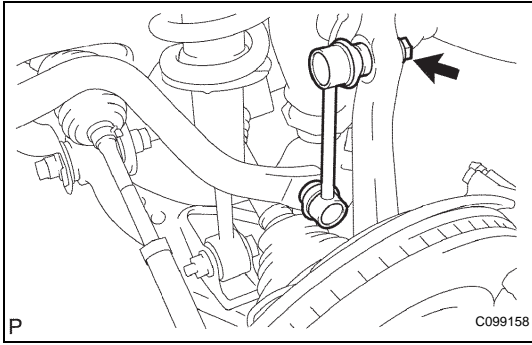
**1 mm (0.04 in.)**

**Torque: Reference torque**

**25 N\*m (260 kgf\*cm, 18 ft.\*lbf)**

**10. INSTALL STABILIZER BAR FRONT**

**11. INSTALL FRONT STABILIZER BRACKET NO. 2 LH (See page SP-29)**



**12. INSTALL FRONT STABILIZER BRACKET NO. 1 RH**  
(See page [SP-29](#))

**13. INSTALL FRONT STABILIZER LINK ASSEMBLY LH**

- (a) Connect the stabilizer link with the nut to the steering knuckle.

**Torque: 70 N\*m (710 kgf\*cm, 52 ft.\*lbf)**

HINT:

If the ball joint turns together with the nut, use a hexagon (6 mm) wrench to hold the stud.

**14. INSTALL FRONT STABILIZER LINK ASSEMBLY RH**

HINT:

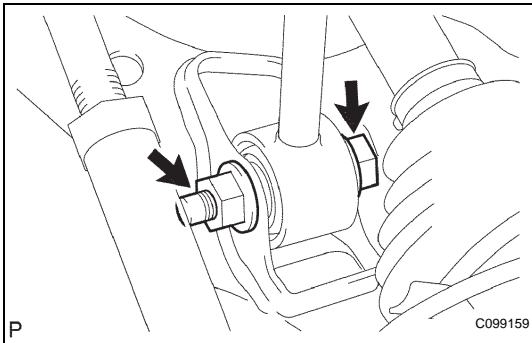
Install the RH side by the same procedures with the LH side.

**15. INSTALL FRONT DISC WHEEL**

**Torque: 112 N\*m (1,140 kgf\*cm, 83 ft.\*lbf)**

**16. STABILIZE SUSPENSION**

- (a) Jack down the vehicle.  
(b) Bounce the vehicle up and down several times to stabilize the suspension.



**17. FULLY TIGHTEN FRONT SHOCK ABSORBER WITH COIL SPRING**

- (a) Fully tighten the nut.

**Torque: 135 N\*m (1,380 kgf\*cm, 100 ft.\*lbf)**

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

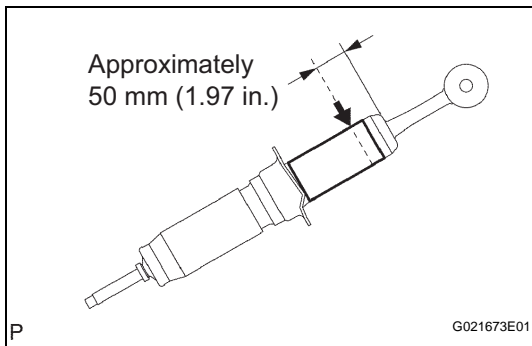
HINT:

(See page [SP-4](#))

## DISPOSAL

### HINT:

Dispose the RH side by the same procedures with the LH side.



### 1. DISPOSE OF SHOCK ABSORBER ASSEMBLY FRONT LH (w/o REAS)

- (a) Fully extend the shock absorber piston rod, and fix it at a tilt in a vise or similar tool.
- (b) Using a drill or similar tool, slowly make a hole at approx. 5 cm from the top end of the shock absorber, and discharge the gas inside of it.

#### CAUTION:

- The gas is colorless, odorless and harmless.
- Since the discharged gas may cause chips to fly off, cover the drill with a shop rag when making a hole.

### 2. DISPOSE OF SHOCK ABSORBER ASSEMBLY FRONT LH (w/ REAS)

- (a) Before the disposal, loosen the nut slowly to bleed out the oil and to lower the pressure inside the absorber.

#### NOTICE:

**Never loosen the nut of the eye union except the time of disposal.**

