

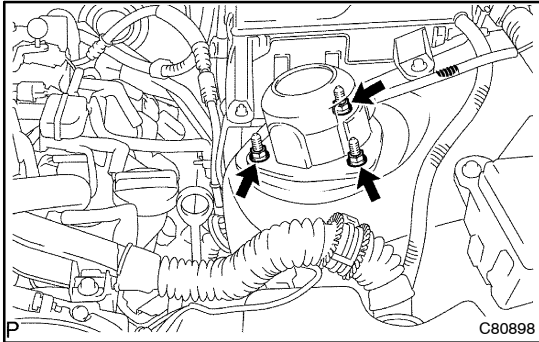
PNEUMATIC FRONT LH W/SHOCK ABSORBER CYLINDER ASSY

REPLACEMENT

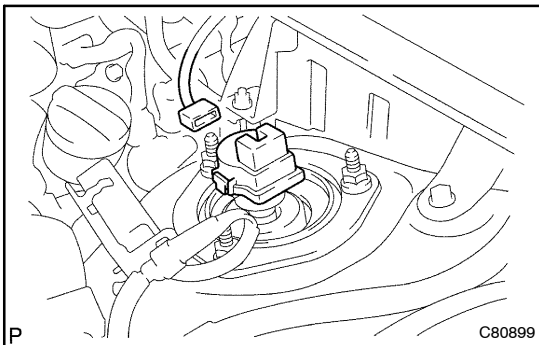
260HT-01

HINT:

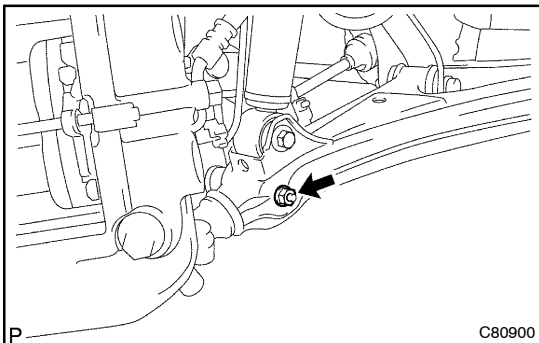
- Use the same procedures for the RH side and LH side.
- The procedures listed below are for the LH side.

1. REMOVE FRONT WHEELS**2. REMOVE FRONT SHOCK ABSORBER CAP LH**

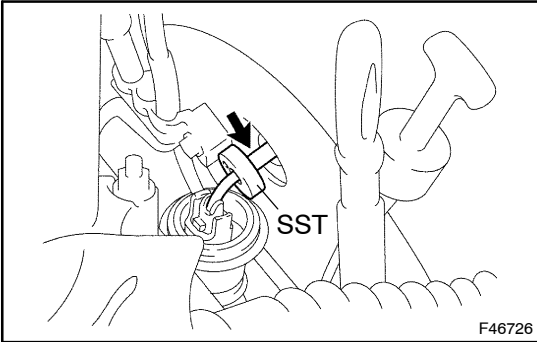
- (a) Remove the 3 nuts and front shock absorber cap LH.

**3. REMOVE ABSORBER CONTROL ACTUATOR**

- (a) Disconnect the connector.
- (b) Turn the absorber control actuator counterclockwise 40° and remove it in an upward direction.

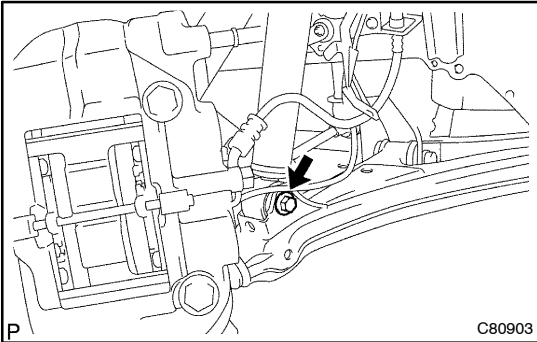
4. REMOVE HEIGHT CONTROL SENSOR SUB-ASSY FRONT LH**5. SEPARATE FRONT STABILIZER LINK ASSY LH**

- (a) Support the suspension lower arm with a jack using a wood block to avoid damage.
- (b) Remove the nut and washer and separate the stabilizer link assy LH.



6. REMOVE PNEUMATIC FRONT LH W/SHOCK ABSORBER CYLINDER ASSY

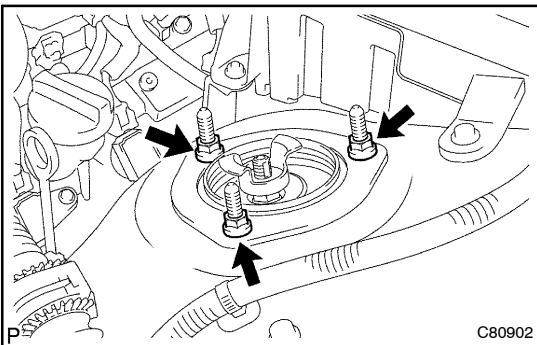
- (a) Remove the cover and disconnect the connector No. 1 (see page 25-1).
- (b) Using SST, disconnect the air tube from the pneumatic front LH w/shock absorber cylinder assy.
SST 09730-00010



- (c) Remove the pneumatic front LH w/shock absorber cylinder assy lower side nut.

NOTICE:

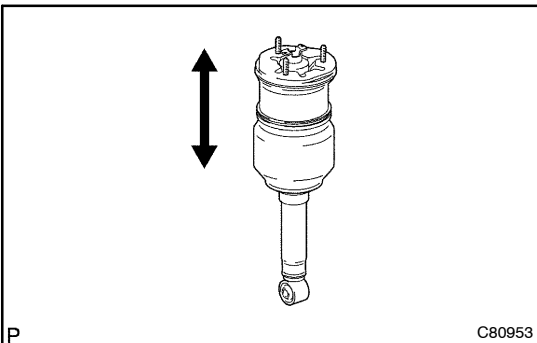
Do not remove the bolt.



- (d) Remove the 3 nuts on the upper side of the pneumatic front LH w/shock absorber cylinder assy.
- (e) Let it down slowly to remove the bolt and the pneumatic front LH w/shock absorber cylinder assy and suspension support.

7. REMOVE O-RING

- (a) Remove the connector No. 2 and 2 O-rings.



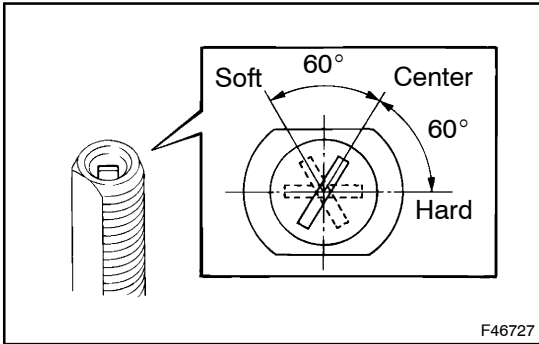
8. INSPECT PNEUMATIC FRONT LH W/SHOCK ABSORBER CYLINDER ASSY

- (a) Inspect pneumatic cylinder assy operation.
 - (1) Compressed and expand the pneumatic front LH w/shock absorber cylinder assy 4 times or more.
 - (2) Check that there is no abnormal resistance or unusual operation sounds.

If there is any abnormality, replace the pneumatic front LH w/shock absorber cylinder assy with a new one.

NOTICE:

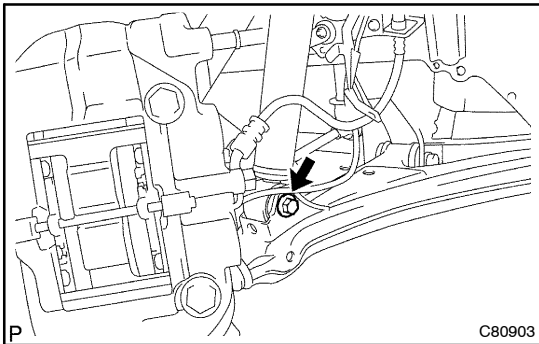
When disposing of the pneumatic front LH w/shock absorber cylinder assy, see DISPOSAL on page 26-17.



- (b) Check that there is a difference in the damping force when the rod is positioned as shown.

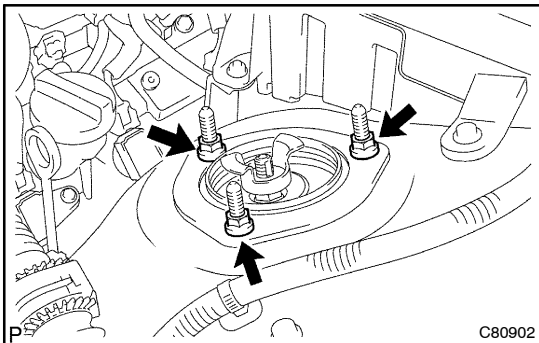
9. INSTALL O-RING

- (a) Install the 2 O-rings and connector No.2.

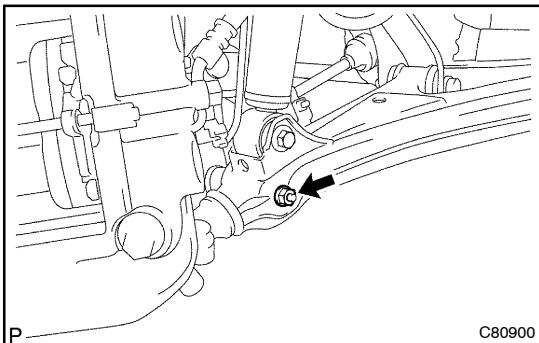


10. TEMPORARILY TIGHTEN PNEUMATIC FRONT LH W/SHOCK ABSORBER CYLINDER ASSY

- (a) Temporarily install the pneumatic front LH w/shock absorber cylinder assembly with a bolt and a nut.
 (b) Jack up the suspension lower arm assembly slowly using a wood block to avoid damage.



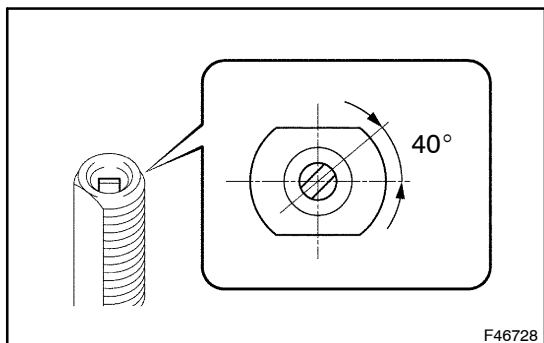
- (c) Install the suspension support and pneumatic front LH w/shock absorber cylinder with 3 nuts.
Torque: 58 N·m (590 kgf·cm, 43 ft·lbf)
 (d) Connect the air tube to the pneumatic front LH w/shock absorber cylinder assembly.
 (e) Connect the connector No.1 and install the cover (see page 25-1).



11. INSTALL FRONT STABILIZER LINK ASSY LH

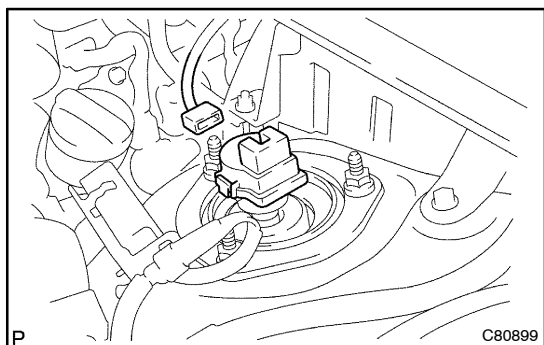
- (a) Install the front stabilizer link assembly LH and washer with a nut.
Torque: 55 N·m (560 kgf·cm, 41 ft·lbf)

12. INSTALL HEIGHT CONTROL SENSOR SUB-ASSY FRONT LH

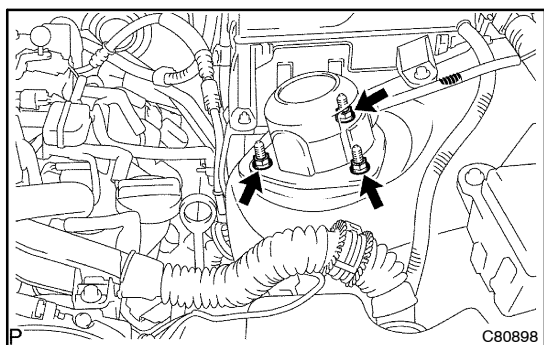


13. INSTALL ABSORBER CONTROL ACTUATOR

- (a) Check that the rod position is as shown.



- (b) Install the absorber control actuator to the pneumatic front LH w/ shock absorber cylinder assy.
- (c) Until a response is felt, turn the absorber control actuator clockwise approx. 40°.
- (d) Connect the connector.

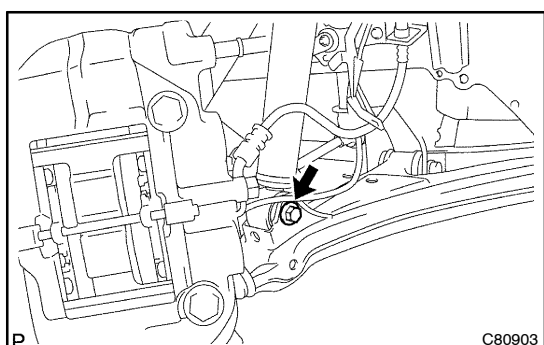


14. INSTALL FRONT SHOCK ABSORBER CAP LH

- (a) Install the front shock absorber cap LH with 3 nuts.
Torque: 58 N·m (590 kgf·cm, 43 ft·lbf)
- (b) Start the engine to fill the pneumatic front LH w/ shock absorber cylinder assy with air.

15. STABILIZE SUSPENSION

- (a) Install the front wheels.
Torque: 103 N·m (1,050 kgf·cm, 76 ft·lbf)
- (b) Jack down the vehicle slowly until all the tires are on the ground.
- (c) Bounce the vehicle up and down several times to stabilize the suspension.
- (d) Remove the front wheels.
- (e) Jack up the suspension lower arm using a wood block to avoid damage.



16. FULLY TIGHTEN PNEUMATIC FRONT LH W/SHOCK ABSORBER CYLINDER ASSY

- (a) Fully tighten the pneumatic front LH w/ shock absorber cylinder assy lower side bolt.
Torque: 157 N·m (1,600 kgf·cm, 116 ft·lbf)

17. INSTALL FRONT WHEELS

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

18. ADJUST VEHICLE HEIGHT (SEE PAGE 25-4)**19. ADJUST FRONT WHEEL ALIGNMENT (SEE PAGE 26-8)**