

NOTICE:

- Be sure not to cover the connection part of the height control tube No. 7 when compressing and expanding the pneumatic shock absorber.
- Do not touch the dust cover as much as possible in order not to deform it.
- When disposing of the pneumatic shock absorber, see DISPOSAL (See page SP-46).

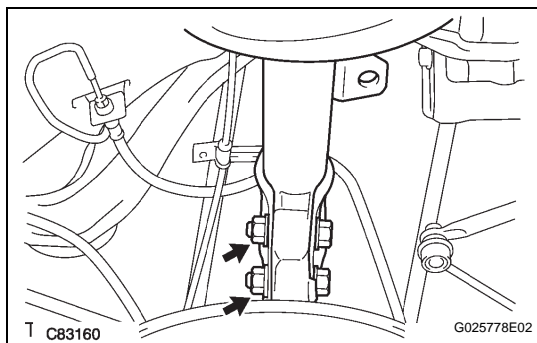
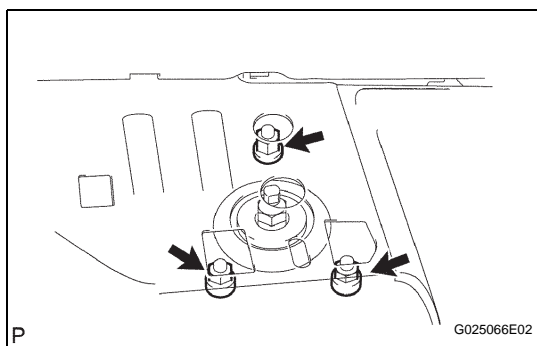
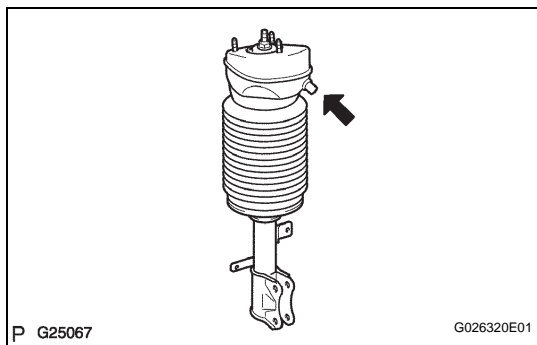
INSTALLATION**1. INSTALL PNEUMATIC REAR LH W/SHOCK ABSORBER CYLINDER ASSEMBLY**

- (a) Coat a new O-ring with MP grease, and install it to the pneumatic shock absorber.

HINT:

- For disconnection and connection of the O-ring and tube, See page SC-1.
- When replacing pneumatic cylinder assembly, it is un-necessary to replace the O-ring with a new one.

- (b) Install the pneumatic shock absorber and 3 nuts.
Torque: 58 N*m (590 kgf*cm, 43 ft.*lbf)



- (c) Install the pneumatic shock absorber, 2 bolts and nuts.

Torque: 180 N*m (1,840 kgf*cm, 133 ft.*lbf)

NOTICE:

When installing the nut, keep the bolt from rotating.

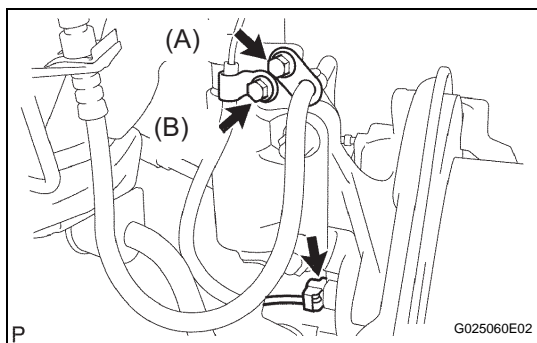
- (d) 2WD models:
Install the flexible hose and skid control sensor wire with the 2 bolts. Connect the skid control sensor connector.

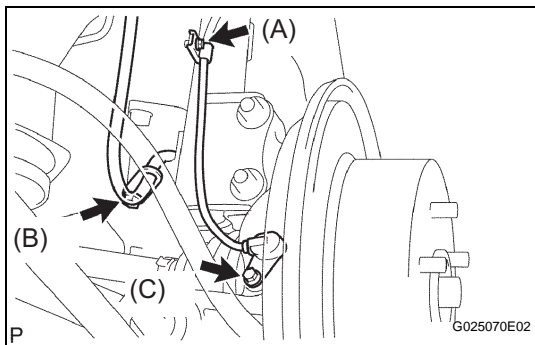
Torque: Bolt A

19 N*m (192 kgf*cm, 14 ft.*lbf)

Bolt B

5.0 N*m (51 kgf*cm, 44 in.*lbf)





- (e) 4WD models:
Install the flexible hose and speed sensor with the 3 bolts.

Torque: Bolt A

5.0 N*m (51 kgf*cm, 44 in.*lbf)

Bolt B

19 N*m (192 kgf*cm, 14 ft.*lbf)

Bolt C

8.0 N*m (82 kgf*cm, 71 in.*lbf)

- (f) Connect the height control tube No. 7 and connector No. 2 to the pneumatic shock absorber.

2. INSTALL HEIGHT CONTROL SENSOR SUB-ASSEMBLY REAR LH

- (a) 2WD models (See page [SP-61](#))
(b) 4WD models (See page [SP-64](#))

3. INSTALL REAR STABILIZER LINK ASSEMBLY LH

- (a) Install the stabilizer link to the pneumatic shock absorber with the nut.

Torque: 39 N*m (400 kgf*cm, 29 ft.*lbf)

HINT:

If the ball joint turns together with the nut, use a hexagon wrench (5 mm) to hold the stud.

4. INSTALL REAR WHEEL

- (a) Install rear wheel.
Torque: 103 N*m (1,050 kgf*cm, 76 ft.*lbf)
(b) Jack down the vehicle slowly until all the are on the ground.
(c) Start the engine so that the pneumatic shock absorber fills with air.

NOTICE:

When the pneumatic shock absorber is not filled with air even after operating the compressor for move than 1 minute (height control indicator illumination blinks), re-start the engine and check if the compressor puts air into the pneumatic shock absorber.

5. ADJUST VEHICLE HEIGHT

6. ADJUST HEADLIGHT AIM ONLY

DISPOSAL

1. DISPOSE OF PNEUMATIC REAR LH W/SHOCK ABSORBER CYLINDER ASSEMBLY

- (a) Fully extend the shock absorber rod.
(b) Using a drill, make a hole in the cylinder somewhere between A and B as shown in the illustration to discharge the gas inside.

CAUTION:

- Be careful when drilling because shards of metal may fly about, so always use the proper safety equipment.
- The gas is colorless, odorless and non-poisonous.

