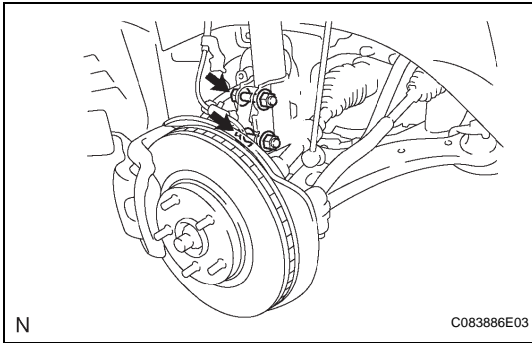
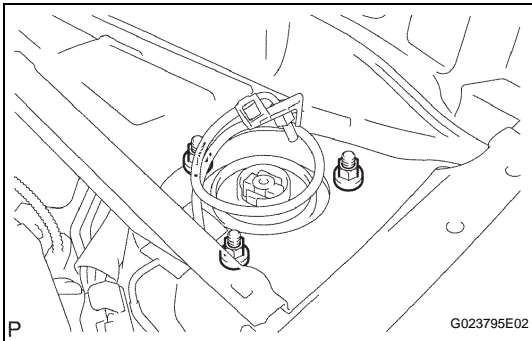


INSTALLATION

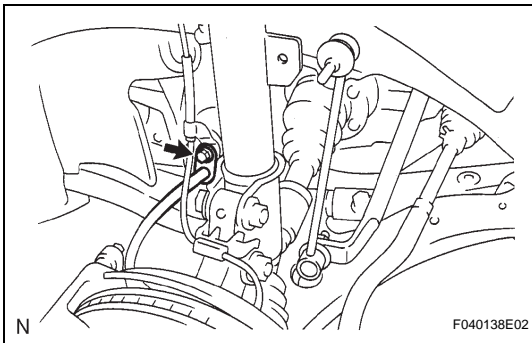


1. INSTALL PNEUMATIC FRONT LH W/SHOCK ABSORBER CYLINDER ASSEMBLY

- (a) Install the pneumatic front LH w/ shock absorber cylinder assembly (lower side) to the steering knuckle. Insert the bolts from the front side of the vehicle and tighten the 2 nuts.
Torque: 230 N*m (2,345 kgf*cm, 170 ft.*lbf)
- (b) Jack up the suspension lower arm assembly slowly using a wood block to avoid damage.



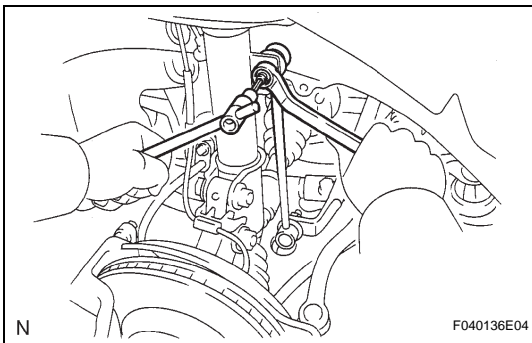
- (c) Install the pneumatic front LH w/ shock absorber cylinder assembly (upper side) on the vehicle and fix tightly with the 3 nuts.
Torque: 80 N*m (816 kgf*cm, 59 ft.*lbf)



- (d) Install the flexible hose and the front speed sensor wire harness on pneumatic front LH w/ shock absorber cylinder assembly with the bolt.
Torque: 19 N*m (194 kgf*cm, 14 ft.*lbf)

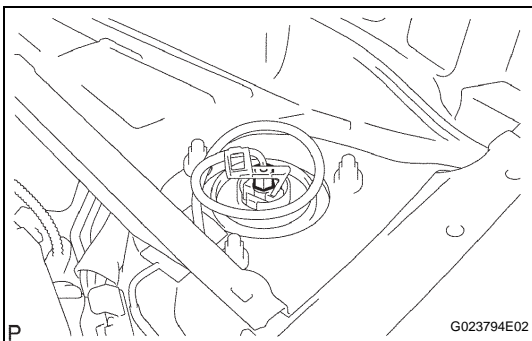
NOTICE:

Do not install the front speed sensor with the wire harness twisted.



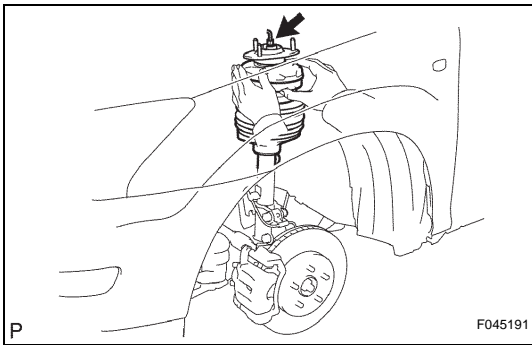
2. CONNECT FRONT STABILIZER LINK ASSEMBLY LH

- (a) Install the front stabilizer link assembly LH with the nut.
Torque: 74 N*m (755 kgf*cm, 55 ft.*lbf)
- (b) Connect the height control sensor sub-assembly front LH to the front suspension arm sub-assembly lower No. 1 LH
HINT:
If the ball joint turns together with the nut, use a hexagon (6 mm) wrench to hold the stud.



3. CONNECT HEIGHT CONTROL TUBE NO.4

- (a) Install the height control tube No. 4 to the pneumatic front LH w/ shock absorber cylinder assembly and tighten the locknut torque.
HINT:
- For connection and disconnection of the O-ring and height control tube No. 4 refer to the NOTICE for the suspension control system.
 - When replacing the pneumatic front LH w/ shock absorber cylinder assembly it is unnecessary to replace the O-ring with a new one.



- (b) Install the height control tube clamp No. 11.

NOTICE:

Keep the chamber of the pneumatic front LH w/ shock absorber cylinder assembly from moving by holding it with your hand.

- (c) Install the wheel.

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

- (d) Jack down the vehicle slowly until all the tires are on the ground.

NOTICE:

When jacking down the vehicle, refer to the notice.

- (e) Start the engine so that the pneumatic front LH w/ shock absorber cylinder assembly fills with air.

NOTICE:

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

4. INSPECT AIR LEAKAGE

5. INSTALL FRONT SHOCK ABSORBER CAP LH

- (a) Install the front shock absorber cap LH with the 3 nuts.

Torque: 14 N*m (143 kgf*cm, 10 ft.*lbf)

6. INSTALL COWL TOP SILENCER PAD LH

7. ADJUST VEHICLE HEIGHT

8. ADJUST FRONT WHEEL ALIGNMENT

