

REMOVAL

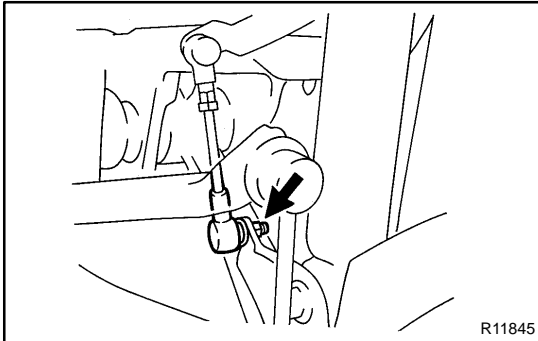
1. REMOVE FRONT WHEEL

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

2. BLEED AIR (See page SA-131)

HINT:

Disconnect the necessary one touch air connector of the height control valves and bleed the air.



3. DISCONNECT HEIGHT CONTROL SENSOR LINK FROM SHOCK ABSORBER LOWER BRACKET

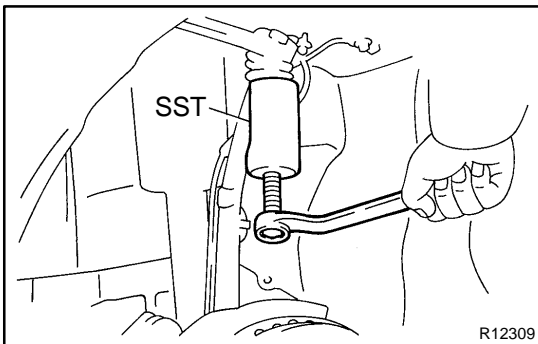
Remove the nut and disconnect the sensor link.

Torque: 5.0 N·m (55 kgf·cm, 48 in.-lbf)

4. DISCONNECT STEERING KNUCKLE FROM UPPER BALL JOINT

(a) Remove the clip and nut.

Torque: 65 N·m (660 kgf·cm, 48 ft·lbf)



(b) Using SST, disconnect the steering knuckle from the upper ball joint.

SST 09610-20012

(c) Support the steering knuckle securely.

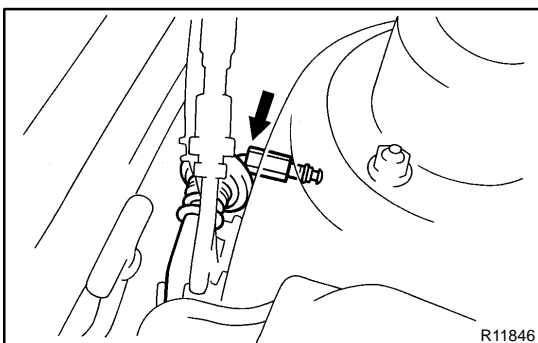
5. DISCONNECT PNEUMATIC CYLINDER FROM SHOCK ABSORBER LOWER BRACKET

Remove the bolt and nut.

Torque: 157 N·m (1,600 kgf·cm, 116 ft·lbf)

HINT:

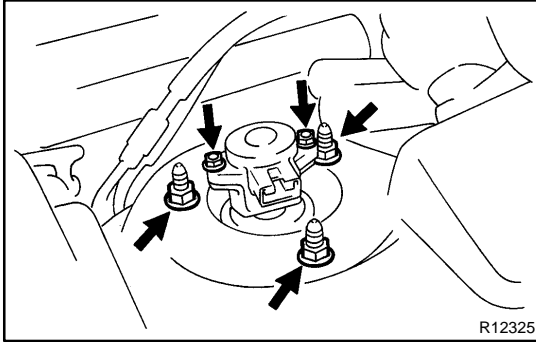
At the time of installation, after stabilizing the suspension, torque the bolt.



6. DISCONNECT AIR TUBE FROM PNEUMATIC CYLINDER

Remove the grommet and disconnect the air tube from the pneumatic cylinder.

Torque: 17 N·m (175 kgf·cm, 13 ft·lbf)

**7. REMOVE SUSPENSION CONTROL ACTUATOR**

- (a) Remove the 3 nuts and actuator cover.
Torque: 58 N·m (590 kgf-cm, 43 ft-lbf)
- (b) Disconnect the actuator connector.
- (c) Remove the 2 nuts and actuator.
Torque: 7.8 N·m (80 kgf-cm, 69 in.-lbf)

HINT:

At the time of installation, match the rod of pneumatic cylinder with the hole in the actuator.

8. REMOVE FRONT PNEUMATIC CYLINDER

Remove the 3 nuts and pneumatic cylinder from the vehicle.

Torque: 58 N·m (590 kgf-cm, 43 ft-lbf)

9. REMOVE SUSPENSION SUPPORT

Remove the 3 nuts and suspension support from the pneumatic cylinder.

Torque: 36 N·m (370 kgf-cm, 27 ft-lbf)