

## INSTALLATION

### 1. INSTALL SUSPENSION SUPPORT TO PNEUMATIC CYLINDER

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

### 2. INSTALL PNEUMATIC CYLINDER

Install the pneumatic cylinder, suspension support reinforcement and 3 nuts to the body.

Torque: 77 N·m (785 kgf·cm, 57 ft·lbf)

### 3. INSTALL SUSPENSION CONTROL ACTUATOR TO PNEUMATIC CYLINDER

(a) Install the suspension control actuator and 2 nuts.

Torque: 4.9 N·m (50 kgf·cm, 43 in·lbf)

HINT:

Match the pneumatic cylinder rod with the hole in the actuator.

(b) Connect the actuator connector.

(c) Install the actuator cover and 3 nuts.

Torque: 77 N·m (785 kgf·cm, 57 ft·lbf)

### 4. CONNECT AIR TUBE TO PNEUMATIC CYLINDER

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

### 5. INSTALL PNEUMATIC CYLINDER TO SHOCK ABSORBER LOWER BRACKET

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

### 6. INSTALL STEERING KNUCKLE TO UPPER BALL JOINT

(a) Install the steering knuckle to the upper ball joint.

(b) Install the nut and clip.

If the holes for the clip are not aligned, tighten the nut further up to 60°.

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

### 7. CONNECT HEIGHT CONTROL SENSOR LINK TO SHOCK ABSORBER LOWER BRACKET

Torque: 5.4 N·m (55 kgf·cm, 48 in·lbf)

### 8. INSTALL BATTERY COVER

### 9. CONNECT ONE TOUCH AIR CONNECTORS ON HEIGHT CONTROL VALVES (See page SA-124)

### 10. INSTALL FRONT WHEEL

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

### 11. CHECK ELECTRONIC MODULATED AIR SUSPENSION SIGNAL (See page DI-66)

### 12. CHECK FRONT WHEEL ALIGNMENT (See page SA-5)