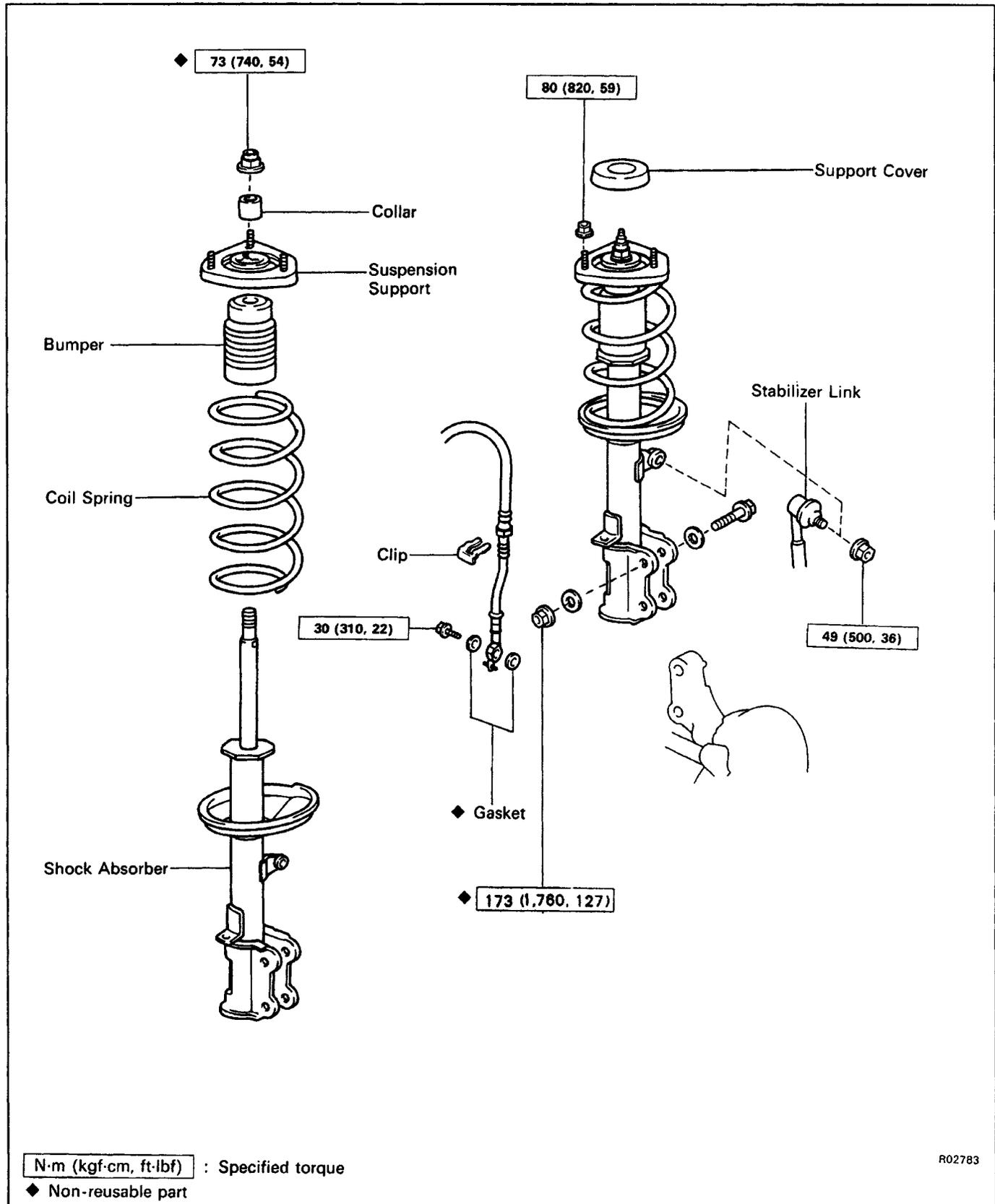


# REAR SHOCK ABSORBER COMPONENTS

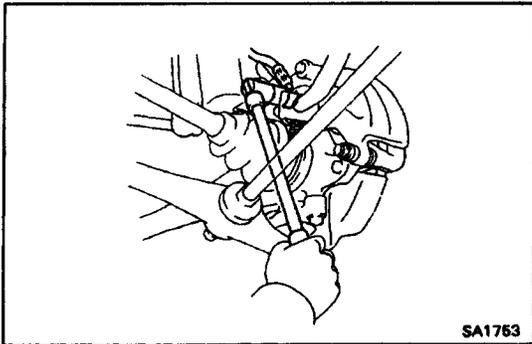
SAOCV-01



**REAR SHOCK ABSORBER REMOVAL** ROCW-01**1. JACK UP VEHICLE AND REMOVE REAR WHEEL****2. DISCONNECT BRAKE HOSE**

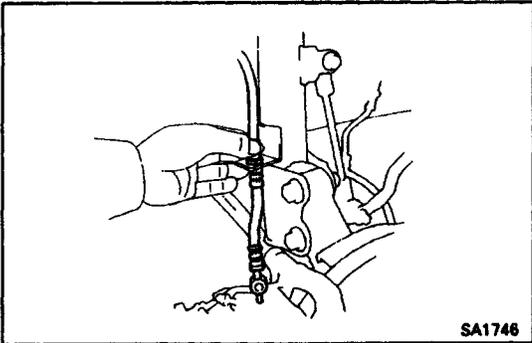
(a) Remove the union bolt and two gaskets and disconnect the brake hose.

(b) Drain the brake fluid into a container.



SA1753

(c) Remove the clip and remove brake hose from the shock absorber.

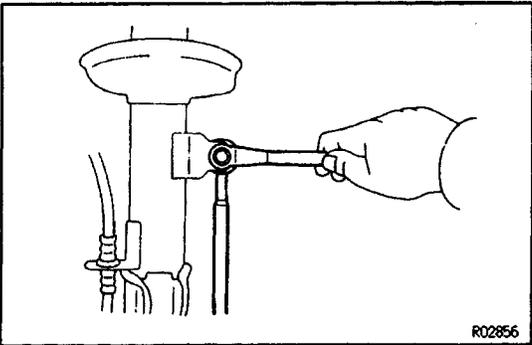


SA1746

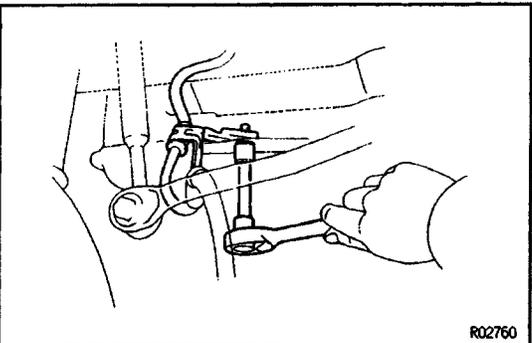
**2. DISCONNECT STABILIZER LINK**

Remove the nut and disconnect the stabilizer link.

HINT: If the ball joint stud turns together with the nut, use a hexagon wrench 5 mm (0.197 in.) to hold the stud.



R02856

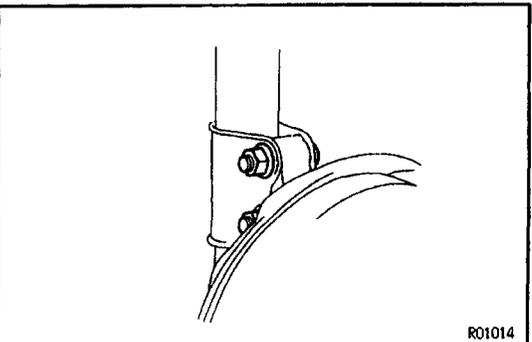
**3. (w/ ABS)****REMOVE SPEED SENSOR WIRE HARNESS CLAMP:**

R02760

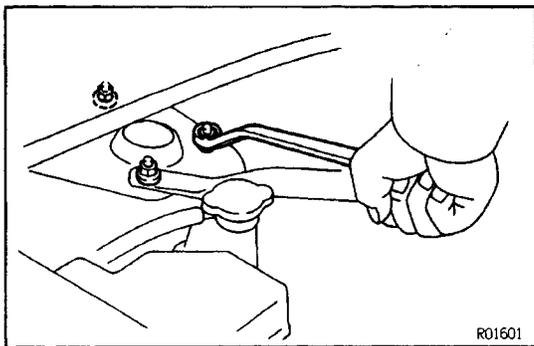
**4. DISCONNECT REAR AXLE CARRIER FROM SHOCK ABSORBER**

Loosen the bolts and nuts, and remove the nuts and washer.

HINT: Leave the bolts not to drop the axle carrier assembly.



R01014

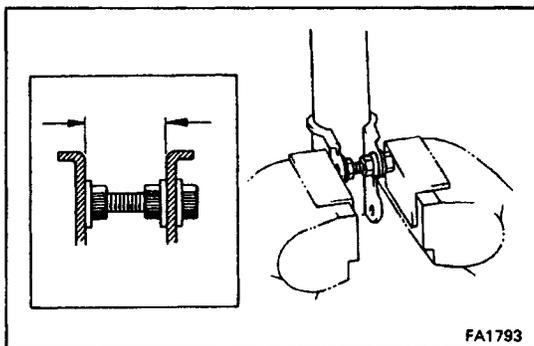


R01601

## 5. REMOVE SHOCK ABSORBER

- (a) Remove the three suspension holding nuts.
- (b) Remove the two upper bolts and remove the axle carrier assembly.
- (c) Remove the shock absorber.

**NOTICE:** Cover the drive shaft boot with cloth to avoid damaging it.

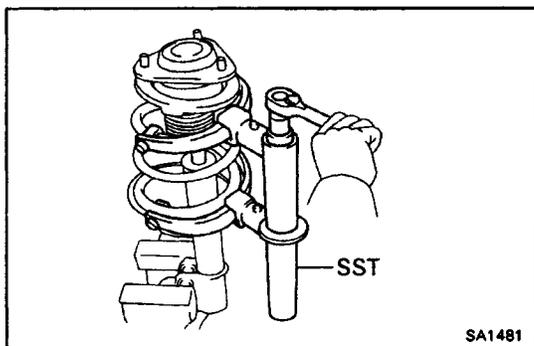


FA1793

## REAR SHOCK ABSORBER DISASSEMBLY

### 1. CLAMP SHOCK ABSORBER IN VISE

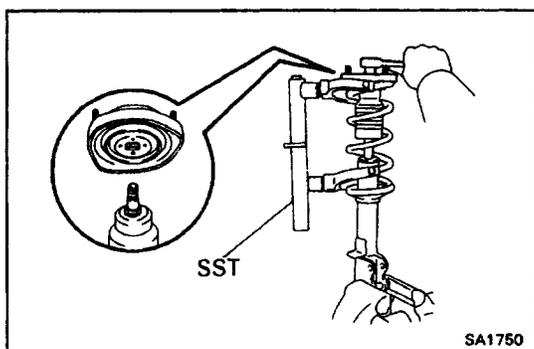
Install a bolt and two nuts to the bracket at the lower portion of the shock absorber shell and secure it in a vise.



SA1481

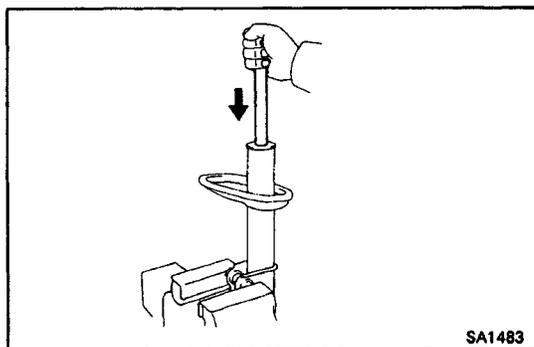
### 2. REMOVE OIL SPRING

- (a) Using SST, compress the coil spring.  
SST 09727-30020



SA1750

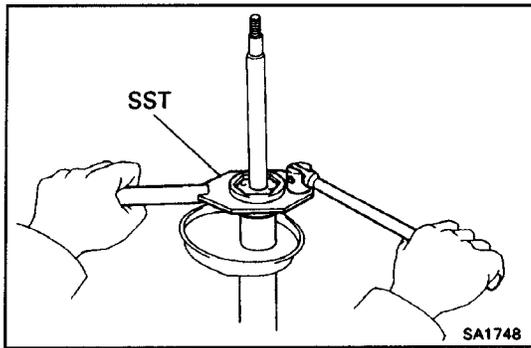
- (b) Hold the octagon head of the suspension support in the vise.
- (c) Remove the suspension support cover.
- (d) Remove the suspension support nut.
- (e) Remove the collar, suspension support, bumper and coil spring.



SA1483

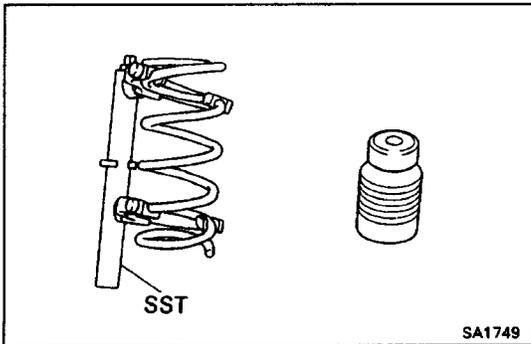
### 3. INSPECT OPERATION OF SHOCK ABSORBER

- (a) While pushing the piston rod, check that the pull throughout the stroke is even, and that there is no abnormal resistance or noise.
- (b) Push the piston rod fully and release it. Check that it returns at a constant speed.  
If the absorber operation is defective, replace the absorber, as an assembly.



**NOTICE:** Before discarding the shock absorber, first loosen the ring nut 2 or 3 turns to release the gas completely.

SST 09720-00012 (09721-00071)



## REAR SHOCK ABSORBER ASSEMBLY 8AGCY-01

### 1. INSTALL COIL SPRING

(a) Install the bumper to piston rod.

(b) Using SST, compress the coil spring.

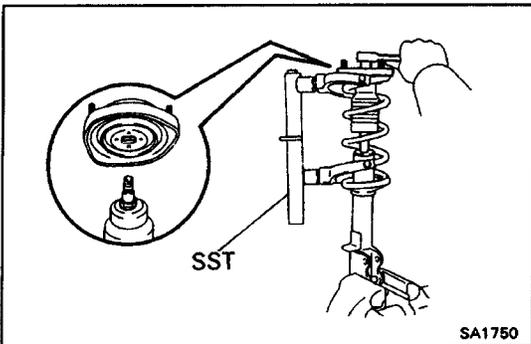
SST 09727-30020

(c) Align the coil spring end with the lower seat hollow and install.

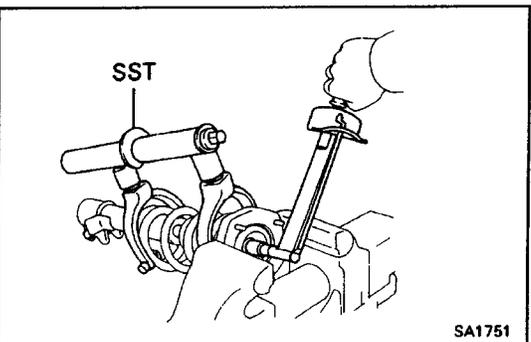
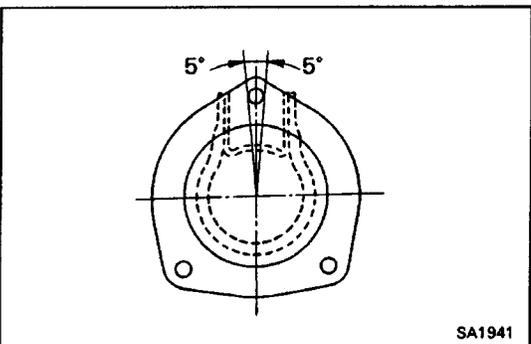
(d) Install the suspension support to piston rod.

**HINT:** Align the piston rod notch and the suspension support hole.

(e) Temporarily install a new suspension support nut.



(f) Align the suspension support with the shock absorber lower bracket as shown.

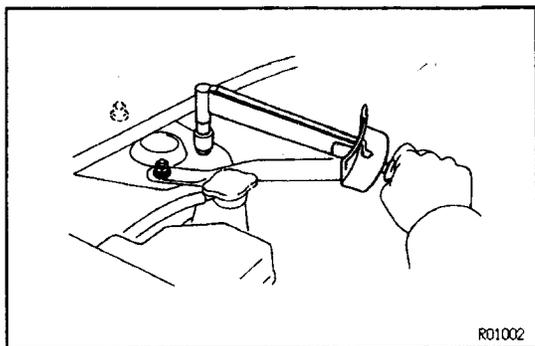


(g) Hold the octagon head of suspension support to the vise.

(h) Torque the suspension support nut.

**Torque: 30 N-m (310 kgf-cm, 22 ft-lbf)**

(i) Install the suspension support cover.



Ma-o-

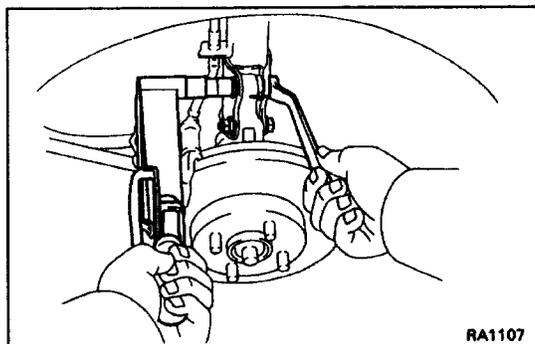
## REAR SHOCK ABSORBER INSTALLATION

### 1. INSTAL SHOCK ABSORBER

Install the three nuts holding the shock absorber to the body. Torque the nuts.

**Torque: 80 N-m (820 kgf-cm, 59 ft-lbf)**

**NOTICE: Be careful not to damage the drive shaft boot.**



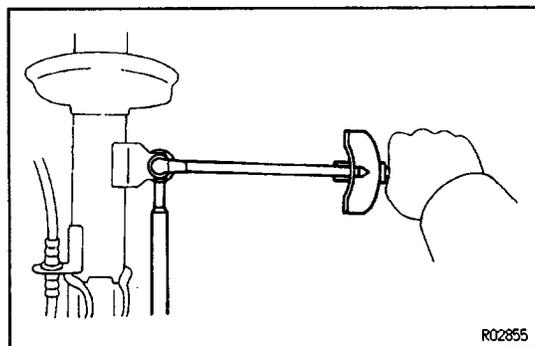
### 2. INSTALL REAR AXLE CARRIER TO SHOCK ABSORBER

(a) Connect the axle carrier to the shock absorber lower bracket.

(b) Install the washers and bolts from the rear side.

(c) Install the washers and nuts.

**Torque: 173 N-m (1,760 kgf-cm, 127 ft-lbf)**

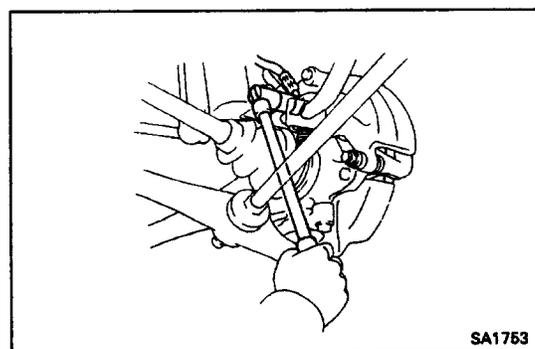


### 3. CONNECT STABILIZER LINK

Connect the stabilizer link with the nut.

**Torque: 49 N-m (500 kgf-cm, 36 ft-lbf)**

**HINT:** If the ball joint stud turns together with the nut, use a hexagon wrench 5 mm (0.197 in.) to hold the stud.

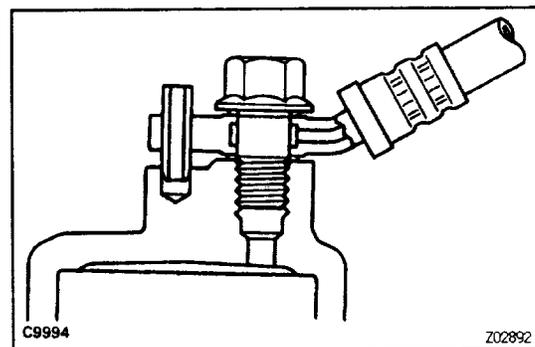


### 4. CONNECT BRAKE HOSE

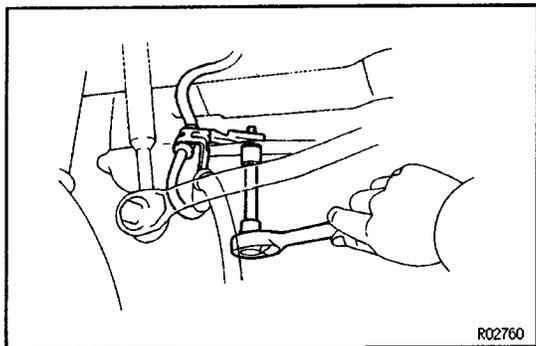
(a) Install the brake hose and clip to the shock absorber.

(b) Install the union bolt and two gaskets and torque the union bolt.

**Torque: 30 N-m (310 kgf-cm, 22 ft-lbf)**



**HINT:** Install the flexible hose lock securely in the lock hole in the brake caliper.

**5. (w/ ABS)****INSTALL SPEED SENSOR WIRE HARNESS CLAMP**

Install ABS speed sensor wire harness clamp to suspension crossmember wire harness with the bolt.

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

**6. BLEED BRAKE LINE**

(See page [BR-9](#))

**7. INSTALL REAR WHEEL AND LOWER VEHICLE**

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

**8. CHECK REAR WHEEL ALIGNMENT**