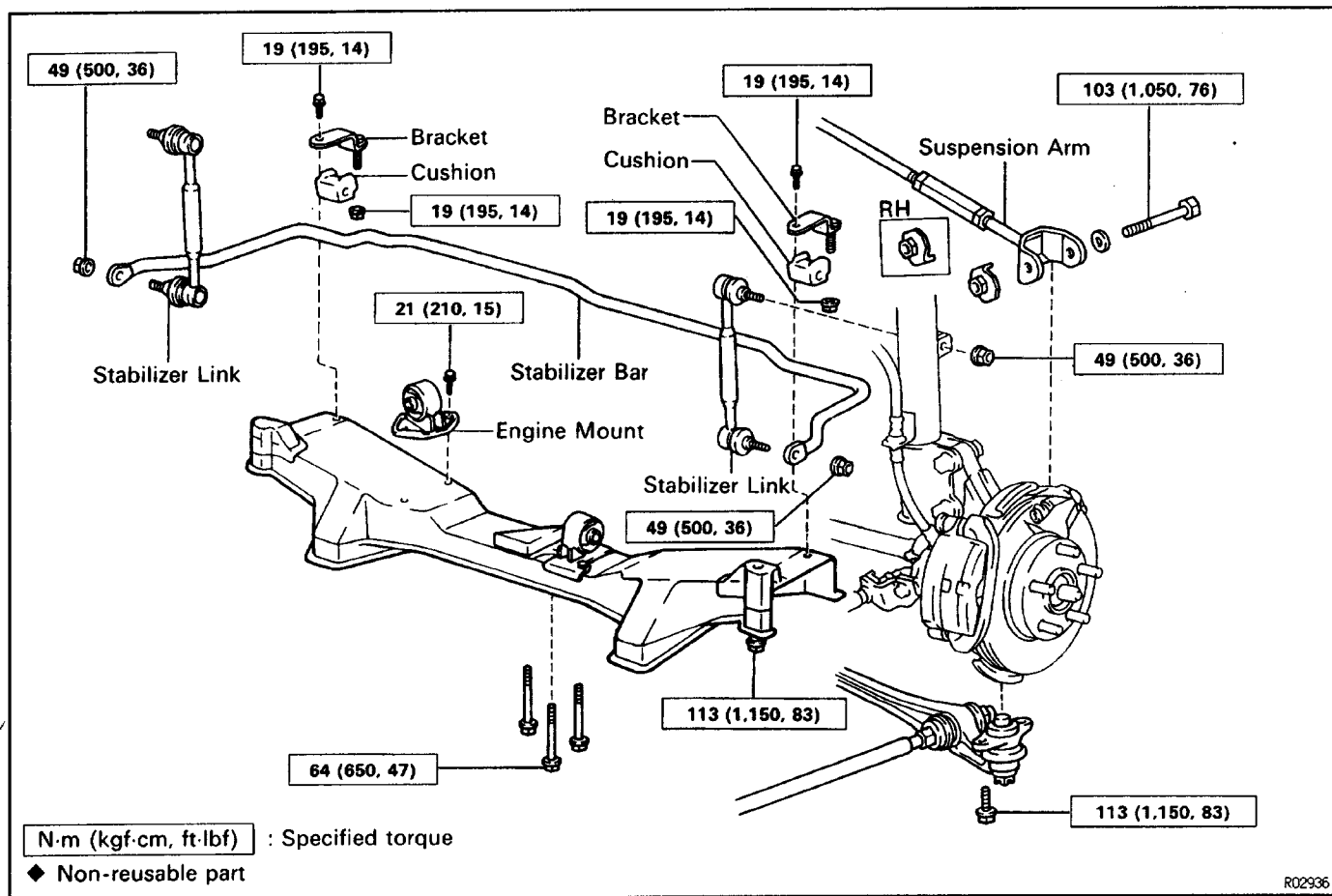
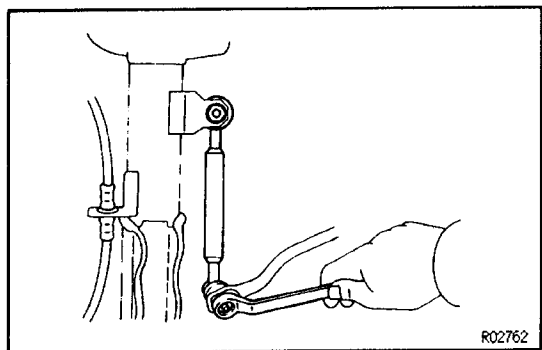


# STABILIZER BAR COMPONENTS

SA000-01



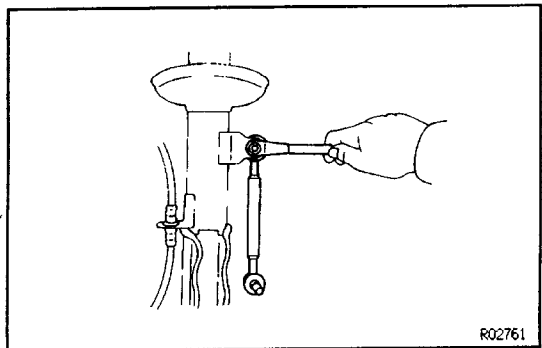
SA000-01



## STABILIZER BAR REMOVAL

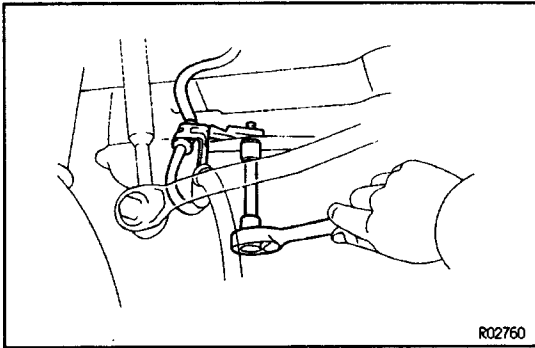
1. JACK UP VEHICLE AND REMOVE REAR WHEEL
2. DISCONNECT STABILIZER LINK FROM STABILIZER BAR

Remove the nuts and remove the stabilizer link from the stabilizer bar.

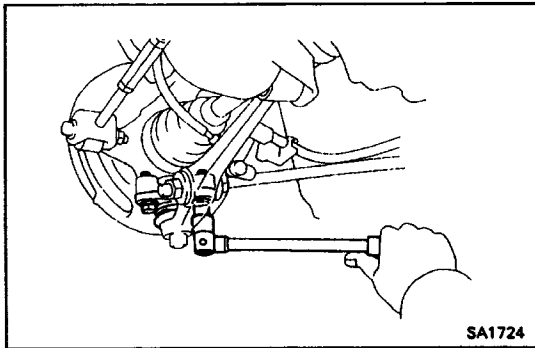


3. REMOVE STABILIZER LINK

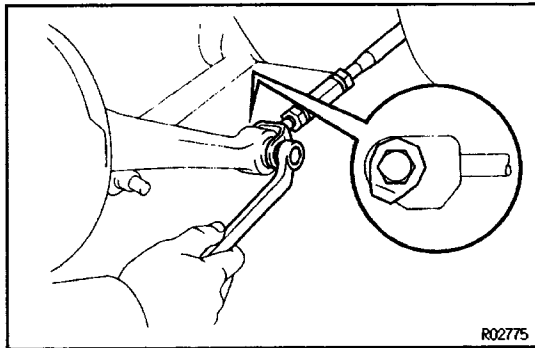
Remove the stabilizer link from the shock absorber.  
HINT: If the ball joint stud turns together with the nut, use a hexagon wrench 5 mm (0.197 in.) to hold the stud.

**4. (w/ ABS)****REMOVE SPEED SENSOR BRACKET**

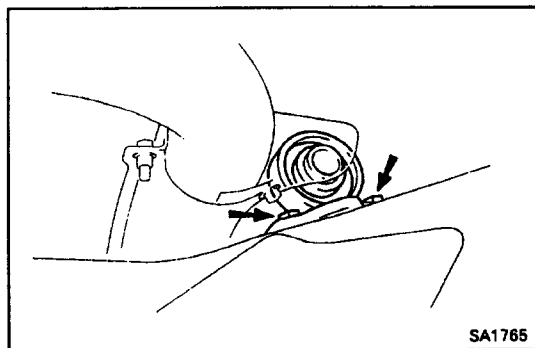
Remove the bolt and disconnect the speed sensor bracket from the rear suspension crossmember.

**5. DISCONNECT REAR AXLE CARRIER FROM LOWER ARM**

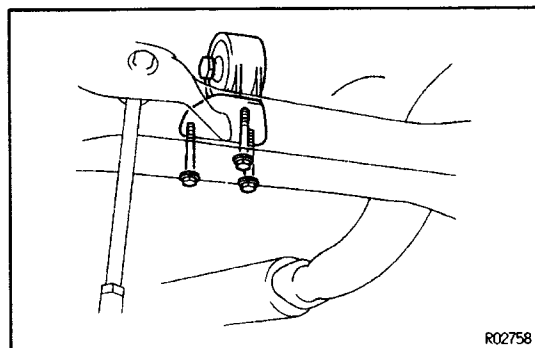
- (a) Remove the two bolts holding the lower arm to ball joint.
- (b) Disconnect the ball joint.

**6. DISCONNECT REAR AXLE CARRIER FROM SUSPENSION ARM**

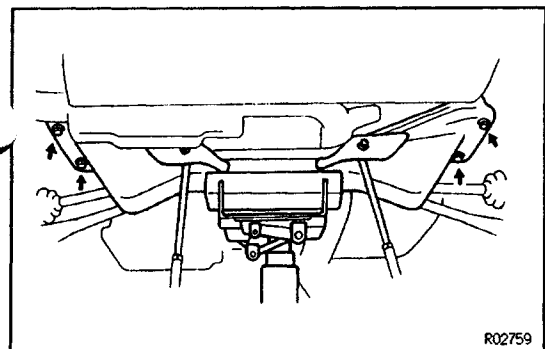
Remove the nut and bolt, disconnect the suspension arm from axle carrier.

**7. DISCONNECT EXHAUST PIPE MOUNTING FROM REAR SUSPENSION CROSSMEMBER**

Remove the two exhaust pipe mounting installation bolts.

**8. DISCONNECT REAR ENGINE MOUNT FROM REAR SUSPENSION CROSSMEMBER**

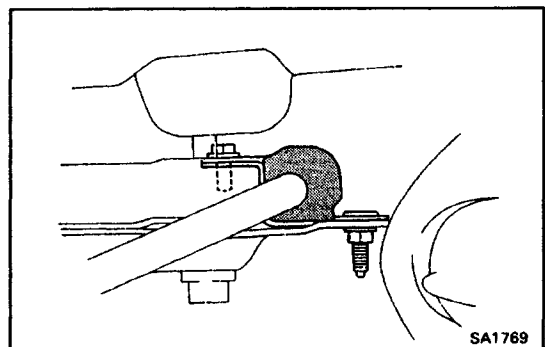
Remove the three installation bolts of the rear engine mounting.



R02759

## 9. REMOVE SUSPENSION CROSSMEMBER MOUNTING BOLTS

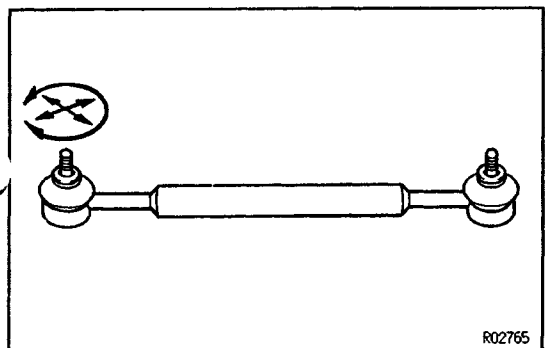
- (a) Hold the rear suspension crossmember with a jack.
- (b) Remove the four bolts, then remove the rear suspension crossmember.



SA1769

## 10. REMOVE STABILIZER BAR

- (a) Lift down the crossmember until the front side bolt of the stabilizer bar bracket can be removed.  
**NOTICE: Be careful not to damage the exhaust pipe by shoving with the stabilizer bar.**
- (b) Remove the two bolts and two nuts.
- (c) Remove the stabilizer bar with brackets.
- (d) Remove the brackets and cushions from the stabilizer bar.



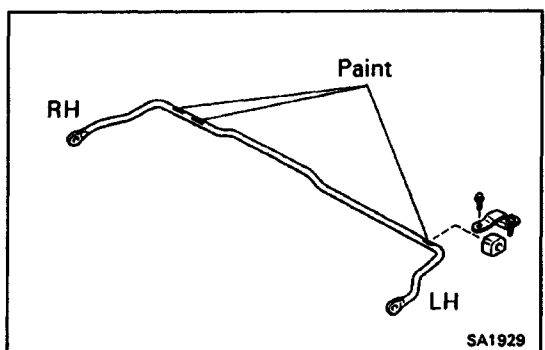
R02765

## STABILIZER LINK INSPECTION

### INSPECT STABILIZER LINK

Rotate the ball joint arm in all directions, if the movement is not smooth and free, replace the stabilizer link.

SA00J-01



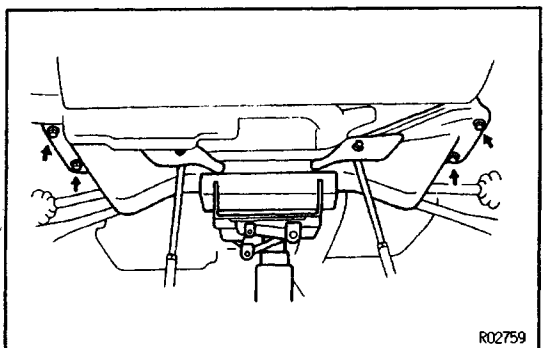
SA1929

## STABILIZER BAR INSTALLATION

### 1. INSTALL STABILIZER BAR

- (a) Install the cushions and brackets touching the line painted on the stabilizer bar.
- (b) Install the stabilizer bar to the rear suspension crossmember and tighten the bracket bolts.  
**Torque: 19 N-m (195 kgf-cm, 14 ft-lbf)**

SA00K-01

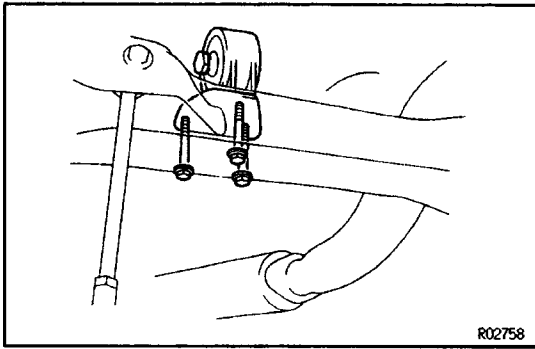


R02759

### 2. INSTALL SUSPENSION CROSSMEMBER

Install the suspension crossmember in place, then install and tighten the four bolts.

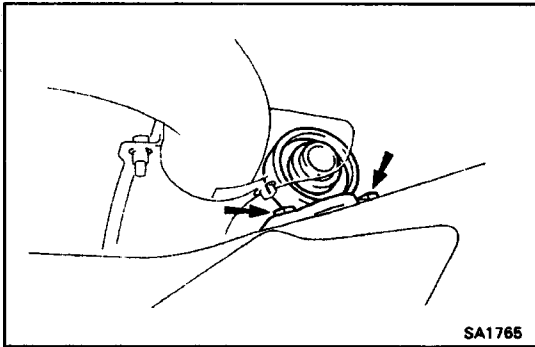
**Torque: 113 N-m (1,150 kgf-cm, 83 ft-lbf)**



### 3. CONNECT REAR ENGINE MOUNTING TO REAR SUSPENSION CROSSMEMBER

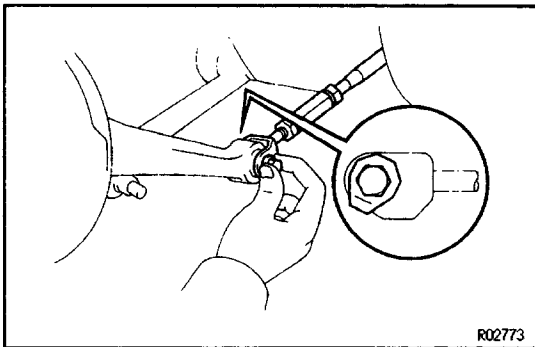
Connect the engine mount to rear suspension crossmember in place with the three bolts.

**Torque: 77 N-m (780 kgf-cm, 57 ft-lbf)**



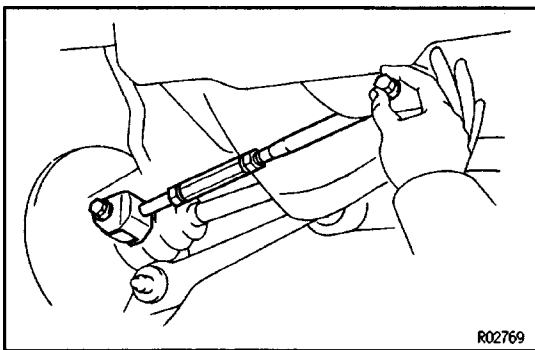
### 4. CONNECT EXHAUST PIPE MOUNTING TO REAR SUSPENSION CROSSMEMBER

**Torque: 21 N-m (210 kgf-cm, 15 ft-lbf)**

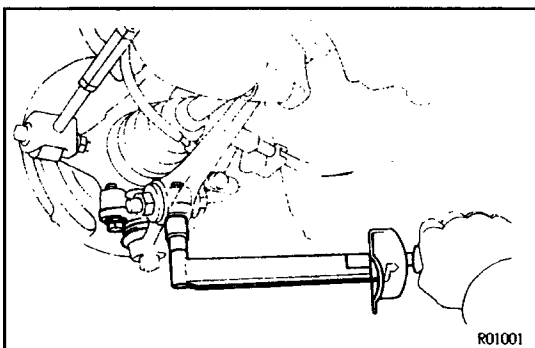


### 5. CONNECT SUSPENSION ARM TO REAR AXLE CARRIER

(a) Temporarily connect the suspension arm to the rear axle carrier with the bolt and nut.

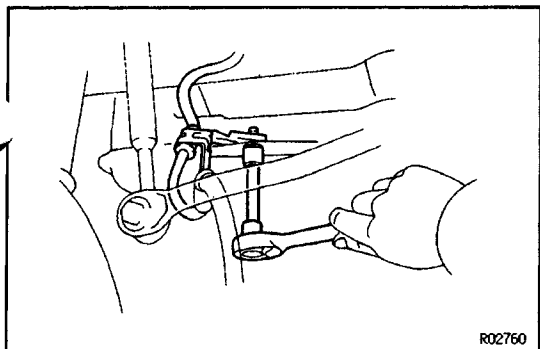


(b) Similarly connect the other side suspension arm.



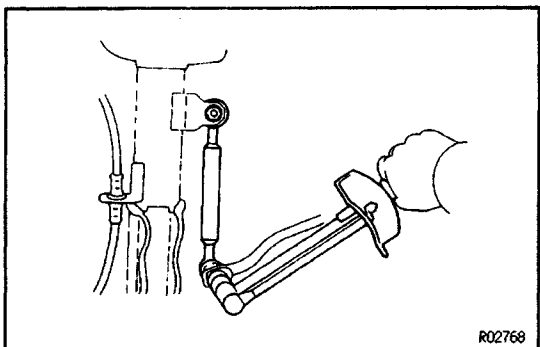
### 6. INSTALL REAR AXLE CARRIER TO LOWER ARM

**Torque: 113 N-m (1,150 kgf-cm, 83 ft-lbf)**

**7. (w/ ABS)****INSTALL ABS SPEED SENSOR BRACKET TO REAR SUSPENSION CROSSMEMBER**

Install the ABS speed sensor bracket to the rear suspension crossmember.

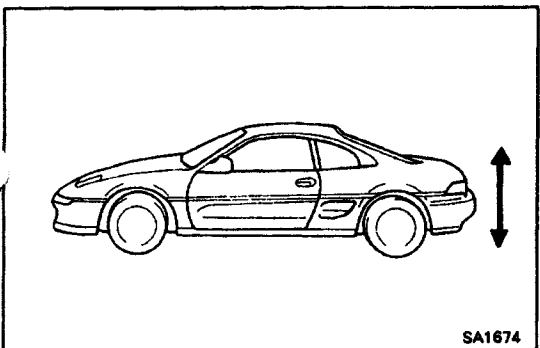
**Torque: 5.4 N-m (55 kgf-cm, 48 in. ·lbf)**

**8. INSTALL STABILIZER LINK**

Install the stabilizer link with the nuts.

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

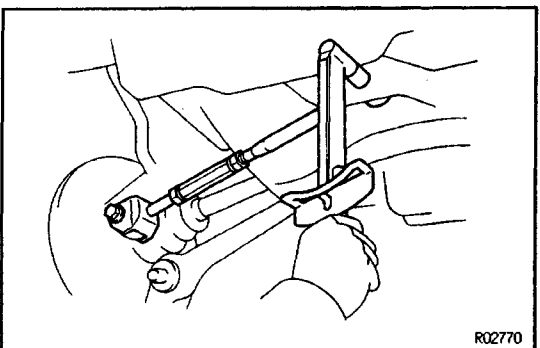
**HINT:** If the ball joint stud together with the nut, use hexagon wrench 5 mm (0.197 in.) to hold the stud.

**9. STABILIZE SUSPENSION**

(a) Install rear wheel and lower vehicle.

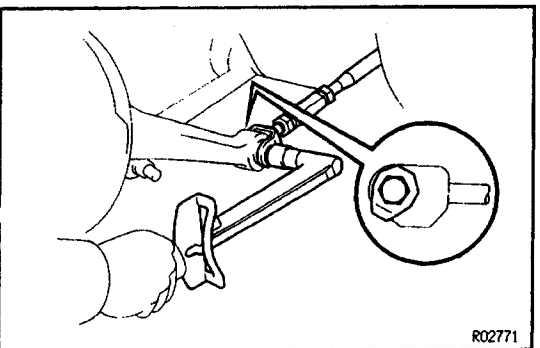
**Torque: 103 N-m (1,050 kgf-cm, 76 ft-lbf)**

(b) Bounce the vehicle up and down several times to allow the suspension to settle.

**10. TORQUE SUSPENSION ARM INSTALLATION BOLTS**

(a) Torque the body side mounting bolt with the vehicle load applied on the suspension.

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



(b) Torque the axle carrier side mounting bolt and nut with the vehicle load applied on the suspension.

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

**11. CHECK REAR WHEEL ALIGNMENT**

(See page [SA-3](#))