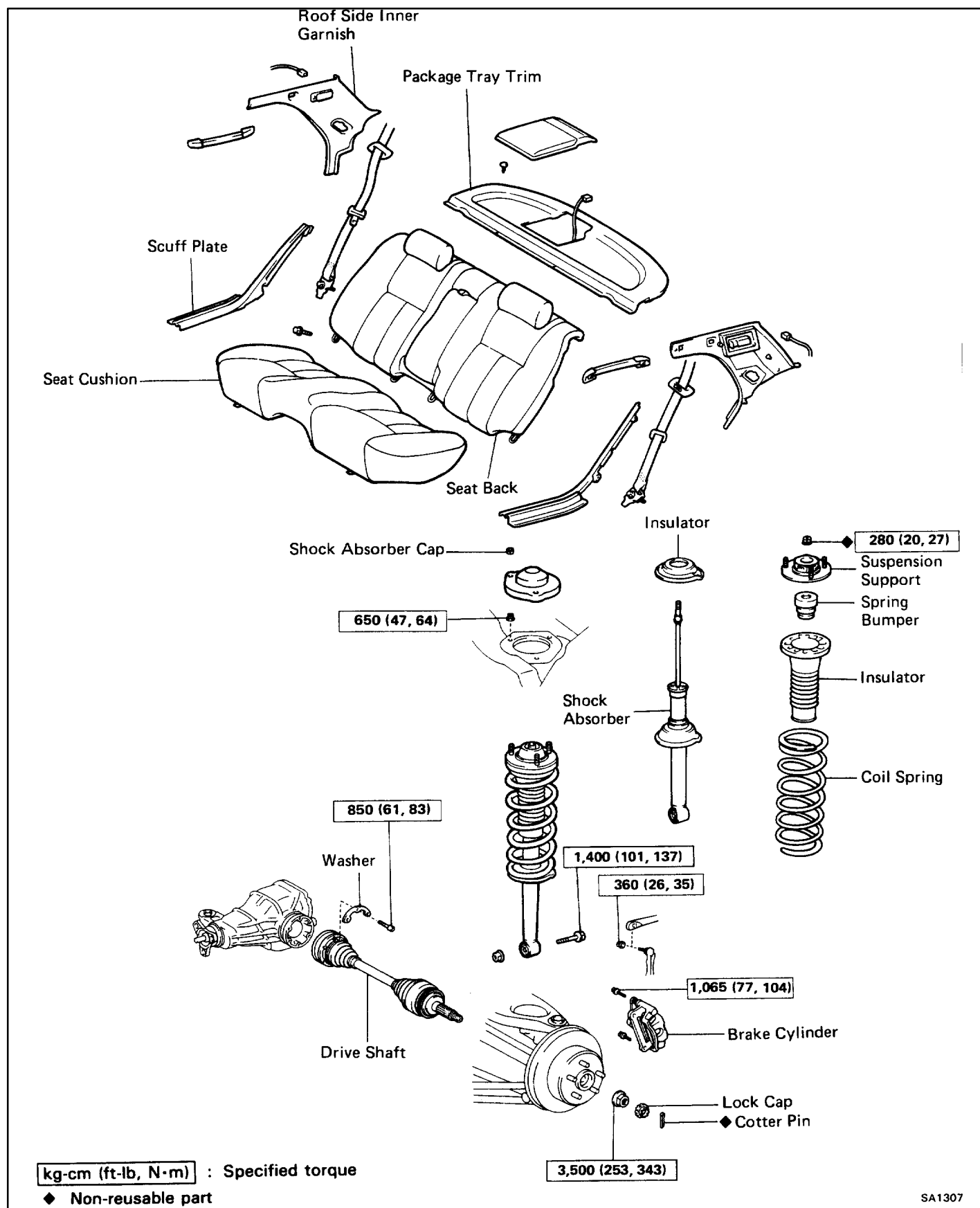
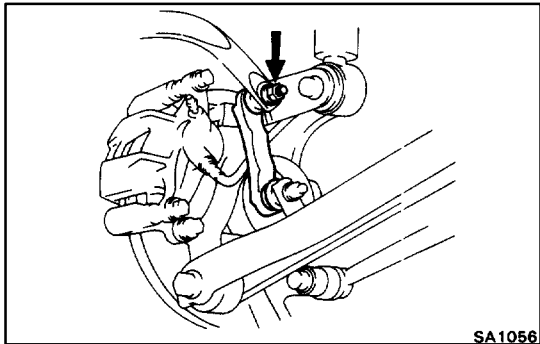


Rear Shock Absorber COMPONENTS

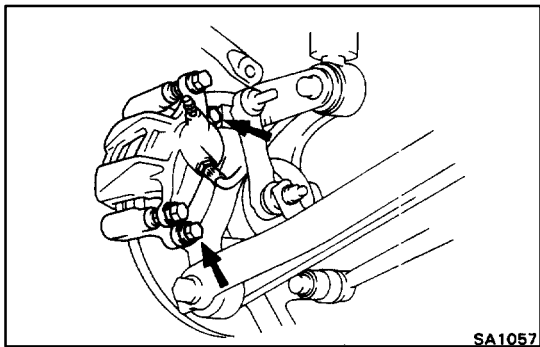


REMOVAL OF REAR SHOCK ABSORBER

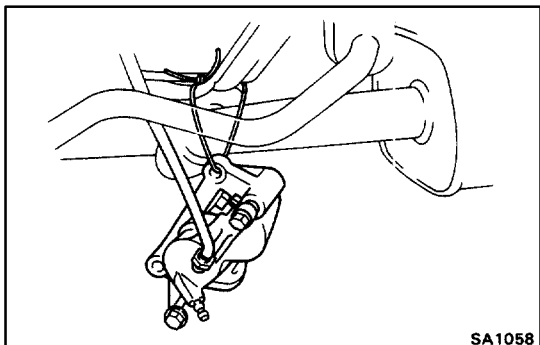
1. **JACK UP VEHICLE, REMOVE REAR WHEEL**
2. **REMOVE FOLLOWING PARTS**
 - (a) Remove the rear seat cushion and rear seat back.
(See page BO-91)
 - (b) Remove the right and left rear scuff plates.
(See page BO-180)
 - (c) Remove the right and left roof side inner garnishes.
(See page BO-180)
 - (d) Remove the package tray trim.
(See page BO-180)
3. **REMOVE REAR DRIVE SHAFT**
(See page [SA-75](#))



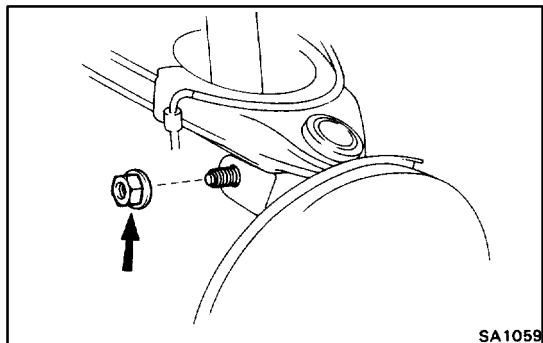
4. **DISCONNECT STABILIZER BAR LINKS**
Disconnect the right and left stabilizer bar links from the stabilizer bar.



5. **REMOVE REAR BRAKE CYLINDER**
 - (a) Remove the two bolts and remove the brake cylinder from the rear axle carrier.



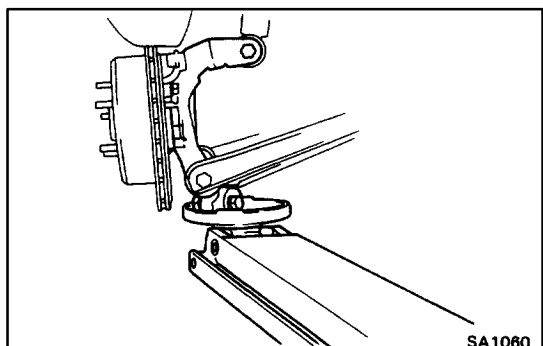
- (b) Hang up the brake cylinder using wire, etc.



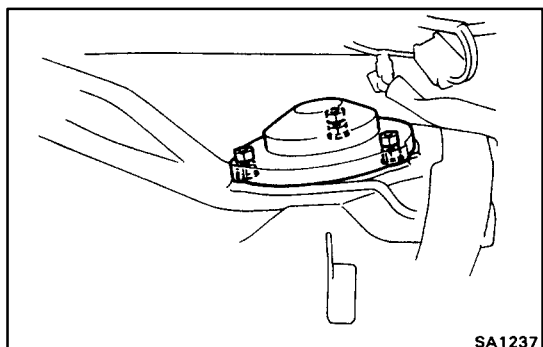
6. REMOVE SHOCK ABSORBER WITH COIL SPRING

(a) Remove the nut on lower side of shock absorber.

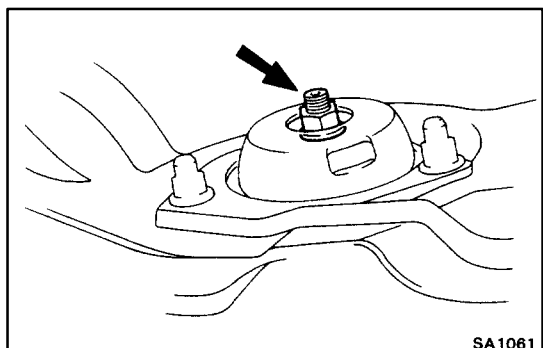
HINT: Do not remove the bolt.



(b) Support the rear axle carrier with jack.

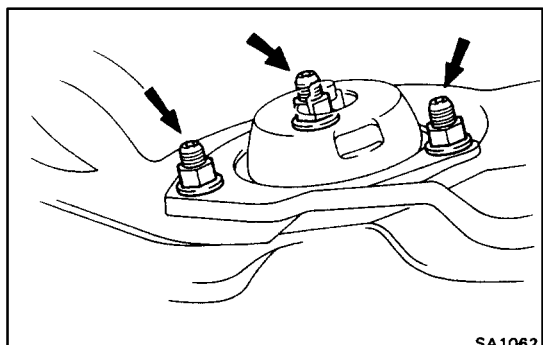


(c) Remove the three nuts and the shock absorber cap.



(d) Loosen the nut in the middle of the suspension support.

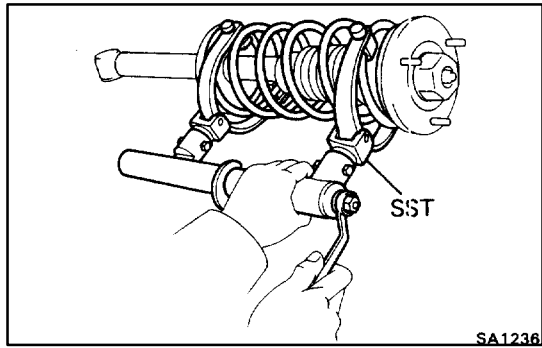
NOTICE: Only loosen the nut, do not remove it.



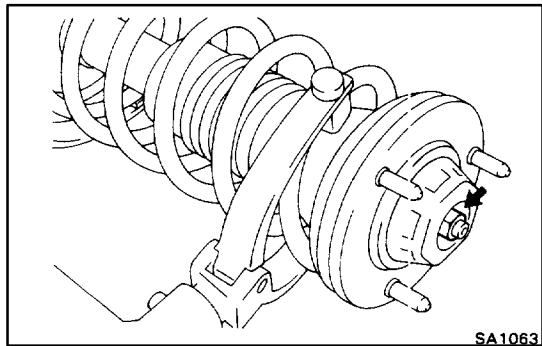
(e) Remove the other three nuts.

(f) Lower the rear axle carrier and remove the bolt on lower side of shock absorber.

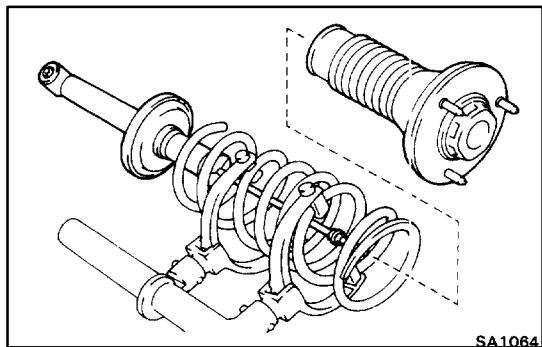
(g) Remove the shock absorber with coil spring.

**7. REMOVE SUSPENSION SUPPORT AND COIL SPRING**

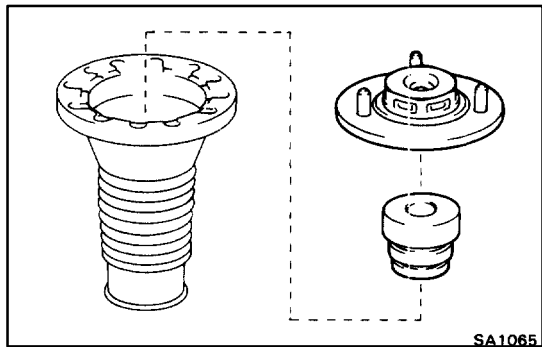
- (a) Using SST, compress the coil spring.
SST 09727-30020



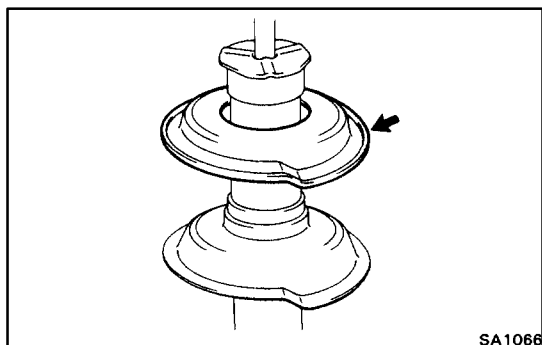
- (b) Remove the suspension support nut.



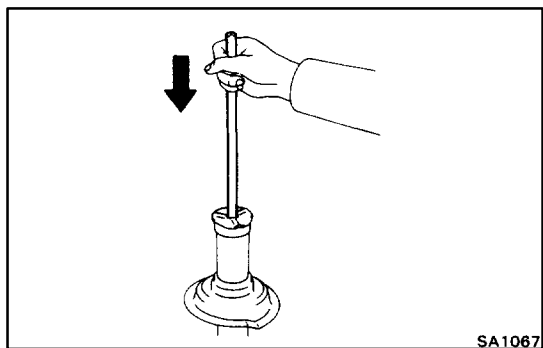
- (c) Remove the suspension support, coil spring and insulator.



- (d) Remove the insulator and spring bumper from the suspension support.



- (e) Remove the lower insulator from the shock absorber.



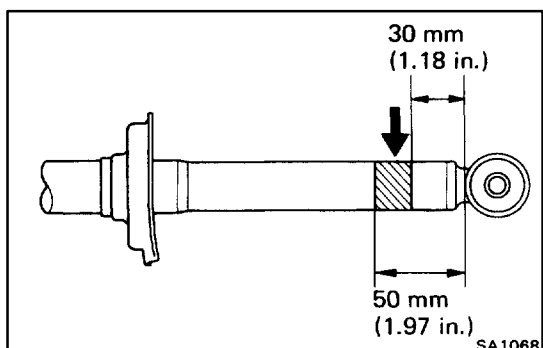
INSPECTION OF REAR SHOCK ABSORBER

1. INSPECT SHOCK ABSORBER

Compress and extend the shock absorber rod and check that there is no abnormal resistance or unusual operation sounds.

If there is any abnormality, replace the shock absorber with a new one.

NOTICE: When discarding the shock absorber, use the following procedure.



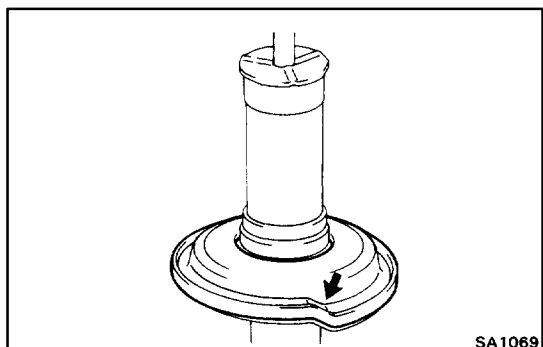
DISPOSAL OF REAR SHOCK ABSORBER

1. FULLY EXTEND SHOCK ABSORBER ROD

2. DRILL HOLE TO REMOVE GAS FROM CYLINDER

Using a drill, make a hole in the cylinder as shown to remove the gas inside.

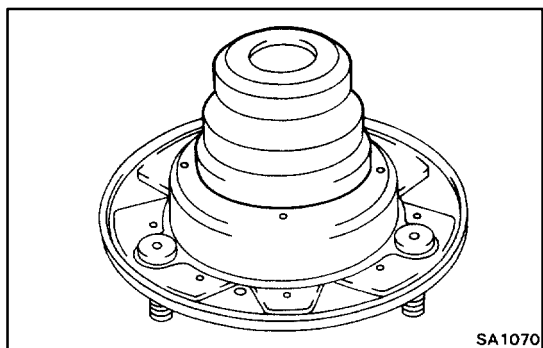
CAUTION: The gas coming out is harmless, but be careful of chips which may fly up when drilling.



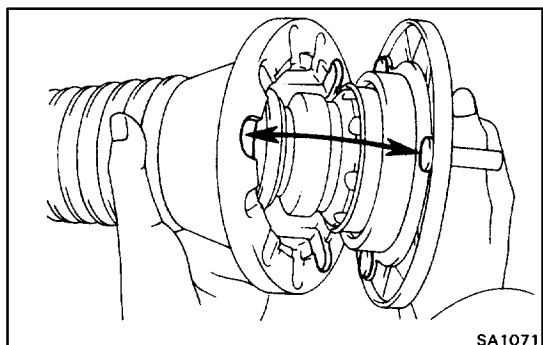
INSTALLATION OF REAR SHOCK ABSORBER

1. INSTALL SUSPENSION SUPPORT AND COIL SPRING

(a) Install the lower insulator onto the shock absorber.

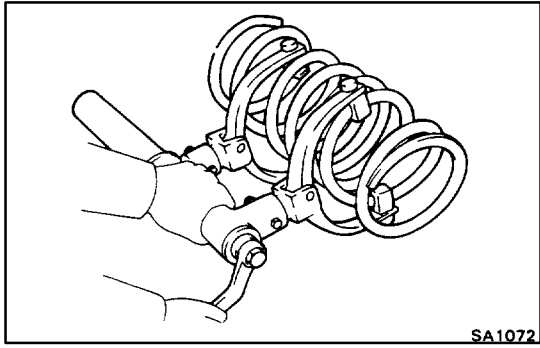


(b) Install the spring bumper to the suspension support.

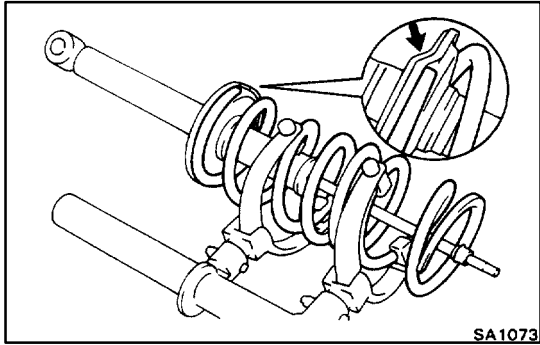


(c) Install the insulator to the suspension support.

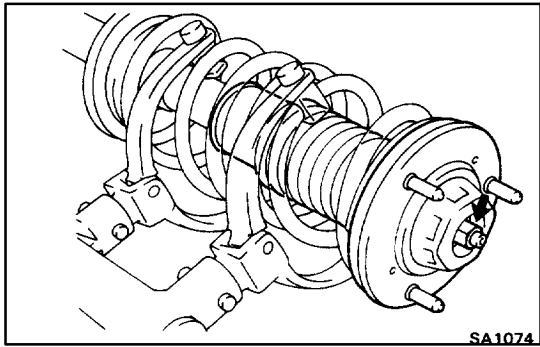
HINT: Match the bolt of the suspension support with the cut-off part of the insulator.



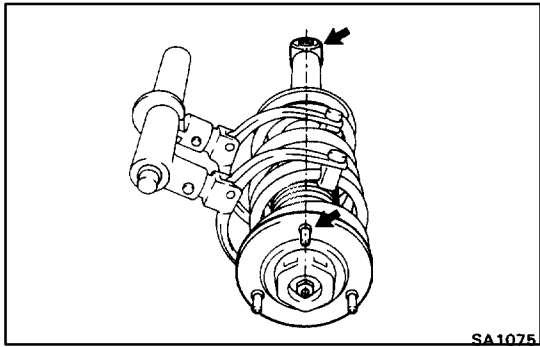
- (d) Using SST, compress coil spring.
SST 09727-30020



- (e) Install the coil spring to the shock absorber.
HINT: Fit the lower end of the coil spring into the gap of the spring seat of the shock absorber.



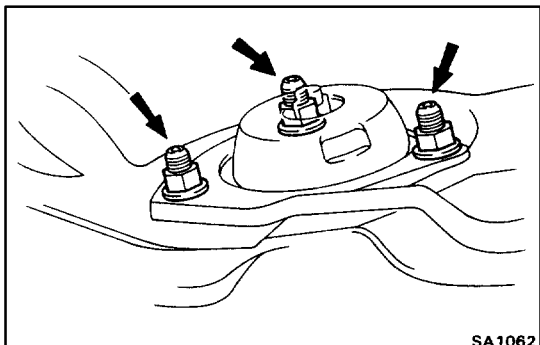
- (f) Install the suspension support to the rod and temporarily tighten a new nut.



- (g) Rotate the suspension support so that the rod and one of the bolts on suspension support are aligned with the lower bushing.

- (h) Remove the SST.

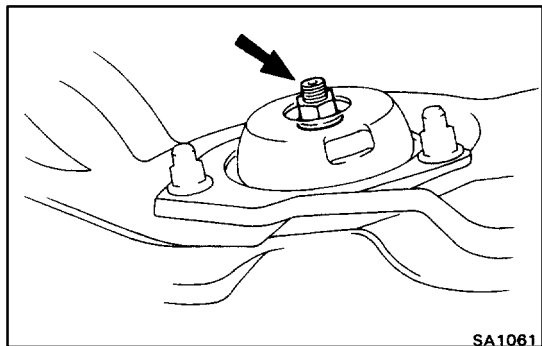
HINT: After removing the SST, again check the direction of the suspension support.



2. INSTALL SHOCK ABSORBER WITH COIL SPRING TO VEHICLE

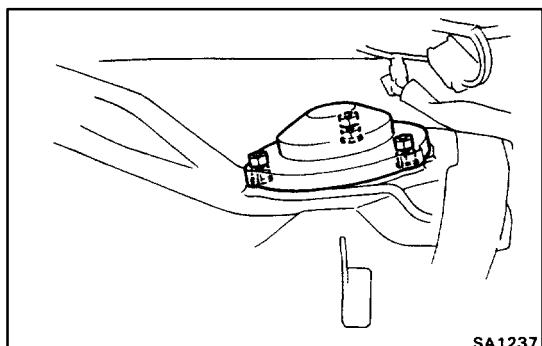
- (a) Install the shock absorber with coil spring to the vehicle with the three nuts.

Torque: 650 kg-cm (47 ft-lb, 64 N·m)

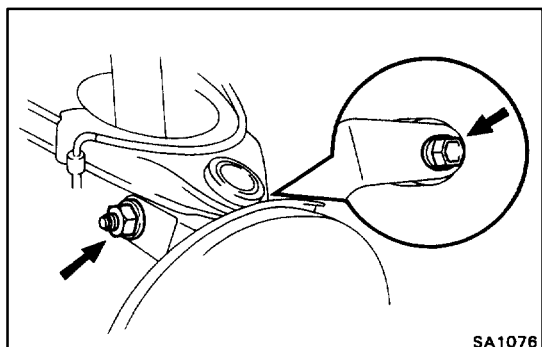


- (b) Torque the temporarily tightened nut in the middle of the suspension support.

Torque: 280 kg-cm (20 ft-lb, 27 N-m)

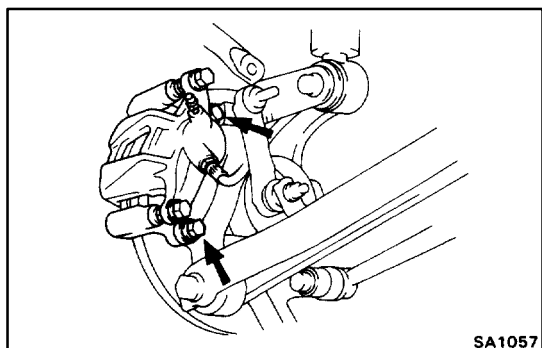


- (c) Install the shock absorber cap with the three nuts.



3. INSTALL SHOCK ABSORBER TO REAR AXLE CARRIER

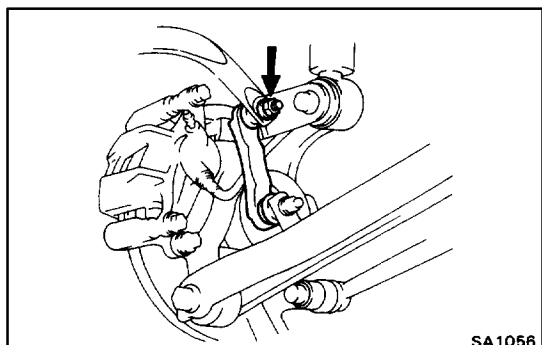
Install the bolt from the vehicle's rear and temporarily tighten the nut.



4. INSTALL REAR BRAKE CYLINDER

Install the brake cylinder to the rear axle carrier with the two bolts.

Torque: 1,065 kg-cm (77 ft-lb, 104 N-m)

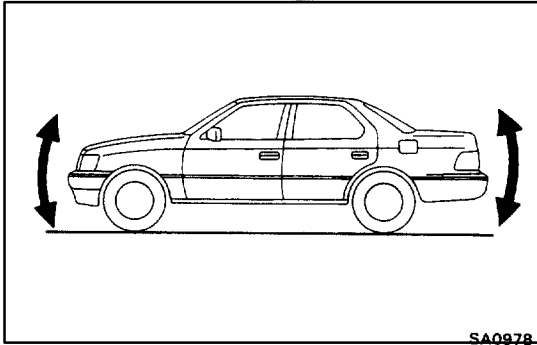


5. CONNECT STABILIZER BAR LINKS

Connect the right and left stabilizer bar links to the stabilizer bar.

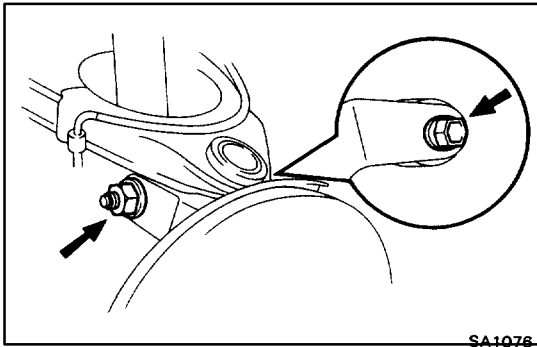
Torque: 360 kg-cm (26 ft-lb, 35 N-m)

6. INSTALL REAR DRIVE SHAFT (See page SA-76)



7. STABILIZE SUSPENSION

- (a) Install the rear wheel and jack down the vehicle.
- (b) Bounce the vehicle up and down several times to stabilize the suspension.



8. TORQUE BOLT ON LOWER SIDE OF SHOCK ABSORBER

- (a) Jack up the vehicle and remove the rear wheel.
- (b) Support the rear axle carrier with jack.
- (c) Torque the bolt to specified torque.

Torque: 1,400 kg-cm (101 ft-lb, 137 N-m)

9. INSTALL REAR WHEEL AND LOWER VEHICLE

Torque: 1,050 kg-cm (76 ft-lb, 103 N-m)

10. INSTALL FOLLOWING PARTS

- (a) Install the package tray trim.
(See page BO-182)
- (b) Install the right and left roof side inner garnishes.
(See page BO-182)
- (c) Install the right and left rear scuff plates.
(See page BO-183)
- (d) Install the rear seat back and rear seat cushion.
(See page BO-92)

11. CHECK REAR WHEEL ALIGNMENT

(See page SA-5)