

Rear Shock Absorber

REMOVAL OF REAR SHOCK ABSORBER

1. (LIFT-BACK)

REMOVE SPEAKER GRILLE
(COUPE)

REMOVE SPEAKER BOARD

2. (W/ ABS)

DISCONNECT SPEED SENSOR WIRE FROM SHOCK
ABSORBER

3. REMOVE BRAKE HOSE FROM SHOCK ABSORBER (Drum brake type)

(a) Using SST, disconnect the brake tube from the
backing plate.

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(b) Remove the clip and E-ring from the shock ab-
sorber.

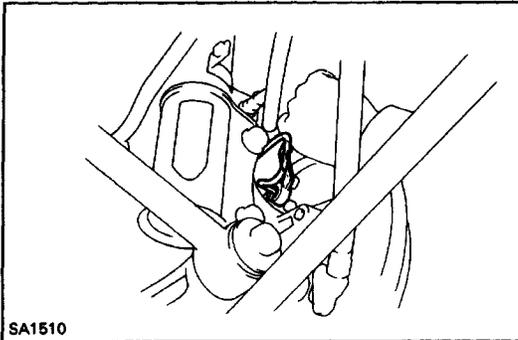
(c) Remove the brake hose and tube from the shock
absorber.

(Disc brake type)

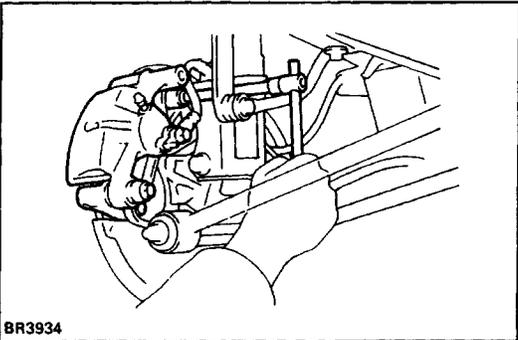
(a) Remove the union bolts and two gasket and discon-
nect the brake hose from the brake cylinder.

(b) Remove the clip from the shock absorber.

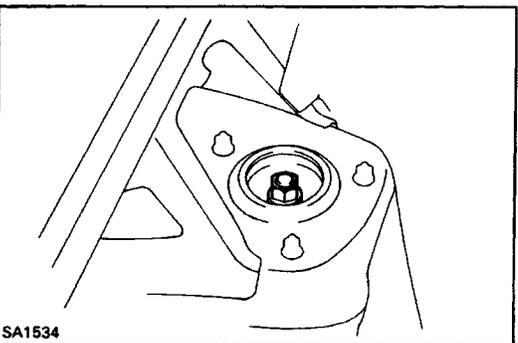
(c) Remove the brake hose from the shock absorber.



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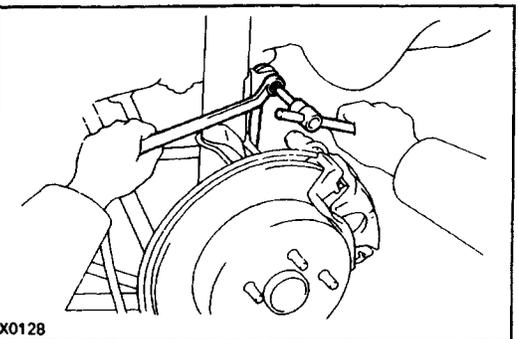
SA1534

4. LOOSEN NUT HOLDING SUSPENSION SUPPORT TO SHOCK ABSORBER

(a) Remove the cover from the suspension support.

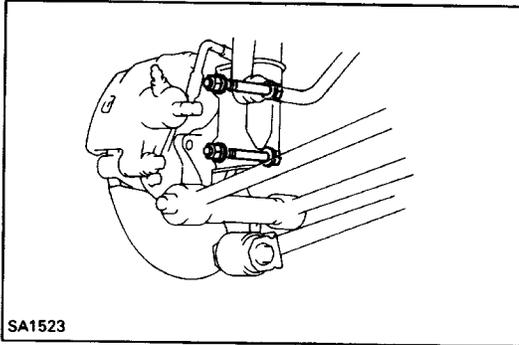
(b) Loosen the nut.

NOTICE: Do not remove the nut.



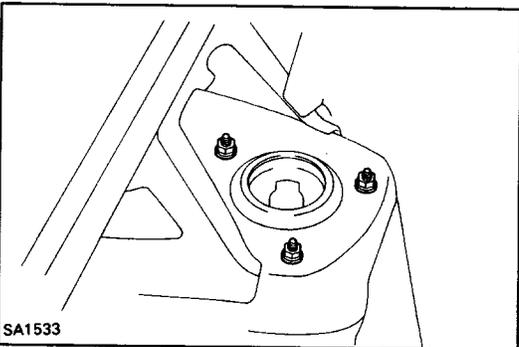
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5. DISCONNECT STABILIZER BAR LINK FROM SHOCK ABSORBER



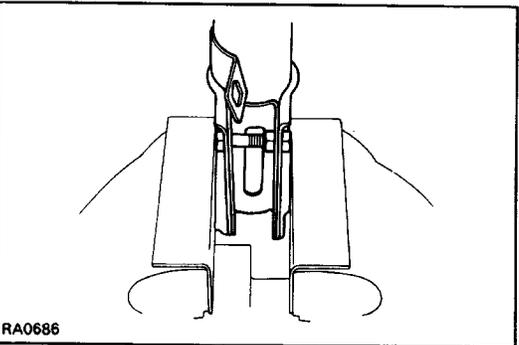
6. DISCONNECT AXLE CARRIER FROM SHOCK ABSORBER

Remove the axle carrier mounting bolts and nuts and disconnect the shock absorber.



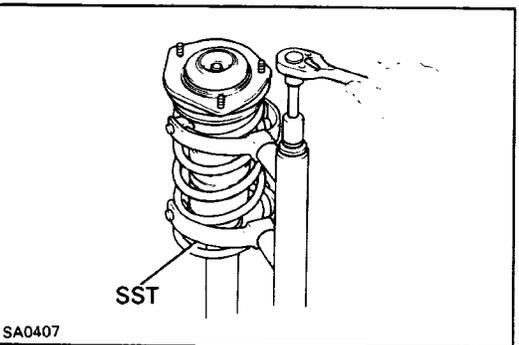
7. REMOVE SHOCK ABSORBER ASSEMBLY FROM BODY

Remove the three shock absorber mounting nuts from the body and remove the shock absorber assembly.

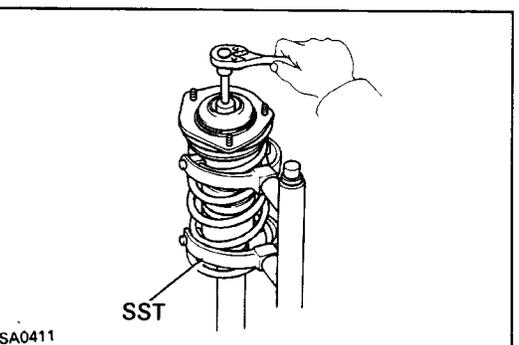


8. REMOVE COIL SPRING

(a) Mount the shock absorber in a vise.

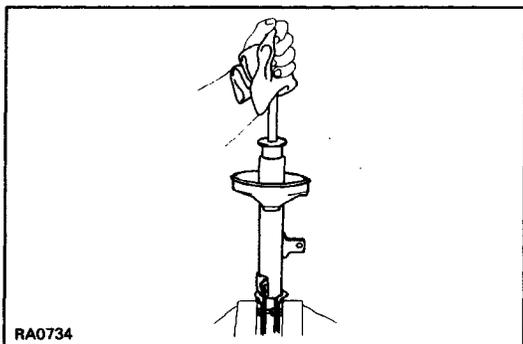


(b) Using SST, compress the coil spring.
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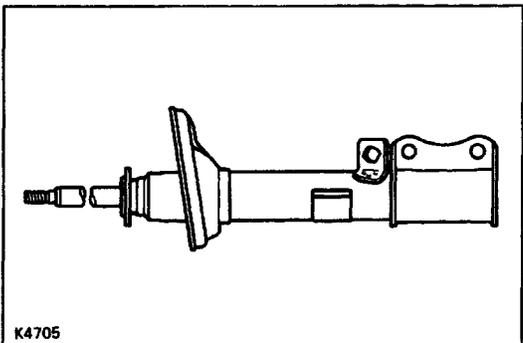
(c) Remove the nut.

(d) Remove the suspension support, coil spring, upper-insulator, bumper, and lower insulator.



9. INSPECT OPERATION OF SHOCK ABSORBER

- (a) While pushing the piston rod, check that the pull throughout the stroke is even, and there is no abnormal resistance or noise.
- (b) Push the piston rod in fully and release it. Check that it returns at a constant speed throughout.

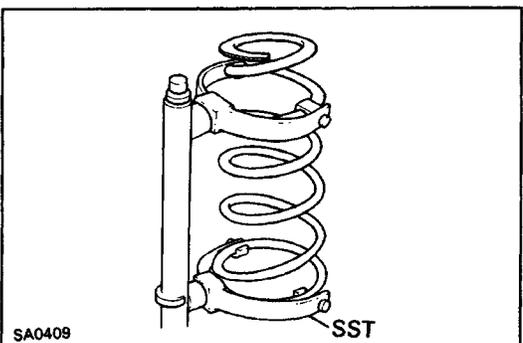


10. DISCARD SHOCK ABSORBER

Before discarding the absorber, drill a hole 2 – 3 mm (0.079 – 0.118 in.) in diameter at the location shown in the figure to release the gas inside.

NOTICE:

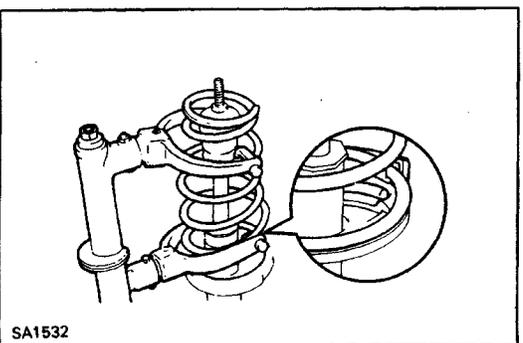
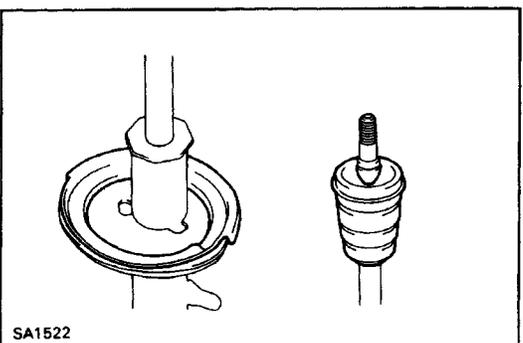
- When drilling, chips may fly out, so work carefully.
- The gas is colorless, odorless, and non-poisonous.



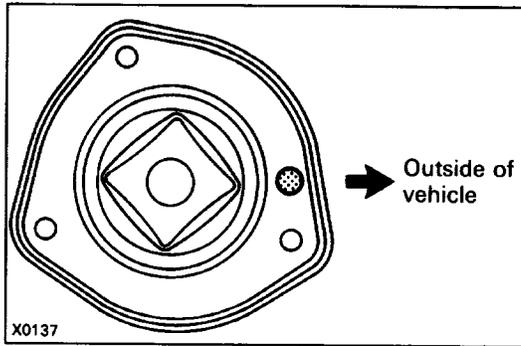
INSTALLATION OF REAR SHOCK ABSORBER

1. INSTALL SPRING BUMPER, INSULATOR, COIL SPRING, AND SUSPENSION SUPPORT

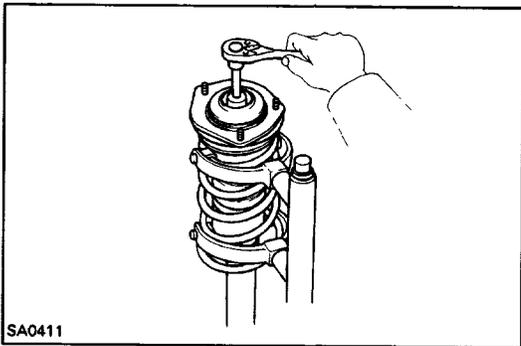
- (a) Mount the shock absorber in a vise.
- (b) Using SST, compress the coil spring.
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- (c) Install the lower insulator to the shock absorber.
- (d) Install the spring bumper to the shock absorber piston rod.



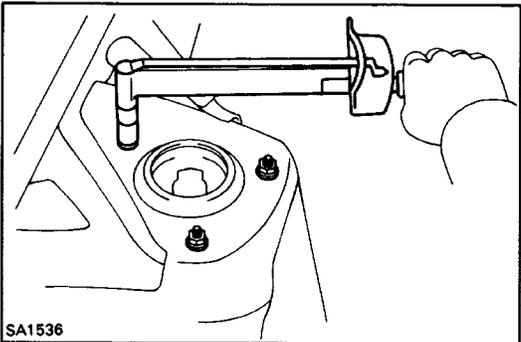
- (e) Align the coil spring end with the lower seat hollow and install the coil spring.



- (f) Align the suspension support with the piston rod and install it.
- (g) Align the suspension support with the shock absorber lower bracket as shown.



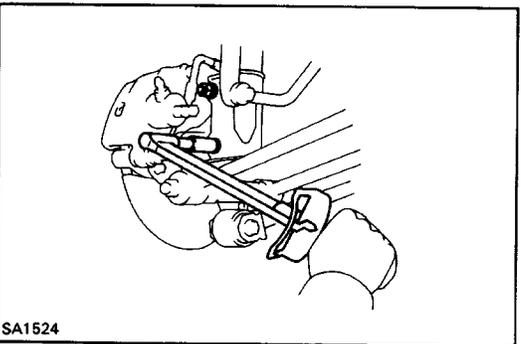
- (h) Temporarily install a new nut.



2. CONNECT SHOCK ABSORBER TO BODY

Connect the shock absorber with the three nuts. Torque the nuts.

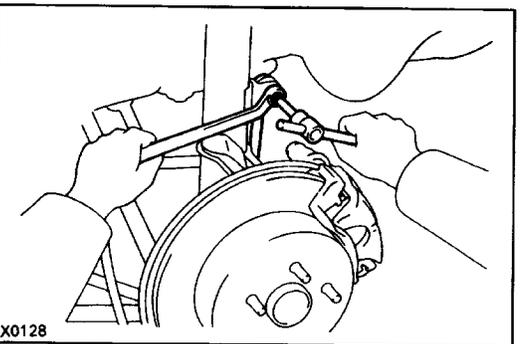
Torque: 39 N-m (400 kgf.cm, 29 ft-lbf)



3. INSTALL SHOCK ABSORBER TO AXLE CARRIER

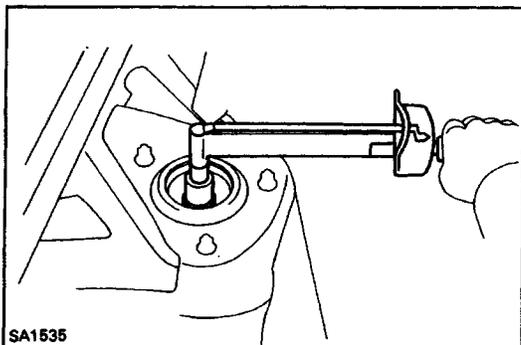
Install the shock absorber with the two bolts and nuts. Torque the nuts.

Torque: 255 N-m (2,600 kgf-cm, 188 ft-lbf)



4. CONNECT STABILIZER BAR LINK TO SHOCK ABSORBER

Torque: 64 N-m (650 kgf-cm, 47 ft-lbf)

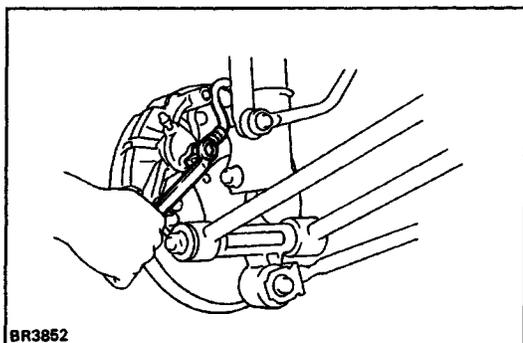


5. TORQUE SHOCK ABSORBER HOLDING NUT

(a) Torque the nut.

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

(b) Install the dust cover on the suspension support.



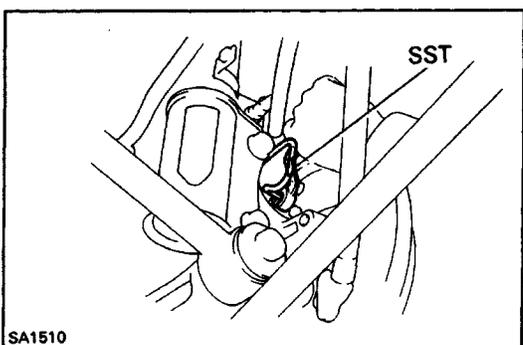
6. INSTALL BRAKE HOSE AND TUBE

(Disc brake type)

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

(b) Connect the brake hose to the brake caliper with the union bolt and two new gaskets.

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



(Drum brake type)

(a) Connect the brake hose to the shock absorber and install the E-ring and clip.

(b) Using SST, connect the brake tube to the backing plate.

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Torque: 15 N-m (155 kgf-cm, 11 ft-lbf)

7. (W/ ABS)

CONNECT SPEED SENSOR WIRE TO SHOCK ABSORBER

8. (LIFT-BACK)

INSTALL SPEAKER GRILLE

(COUPE)

INSTALL SPEAKER BOARD

9. FILL BRAKE RESERVOIR WITH BRAKE FLUID AND BLEED BRAKE SYSTEM

(See page [BR-7](#))

10. CHECK REAR WHEEL ALIGNMENT

(See page [SA-6](#))