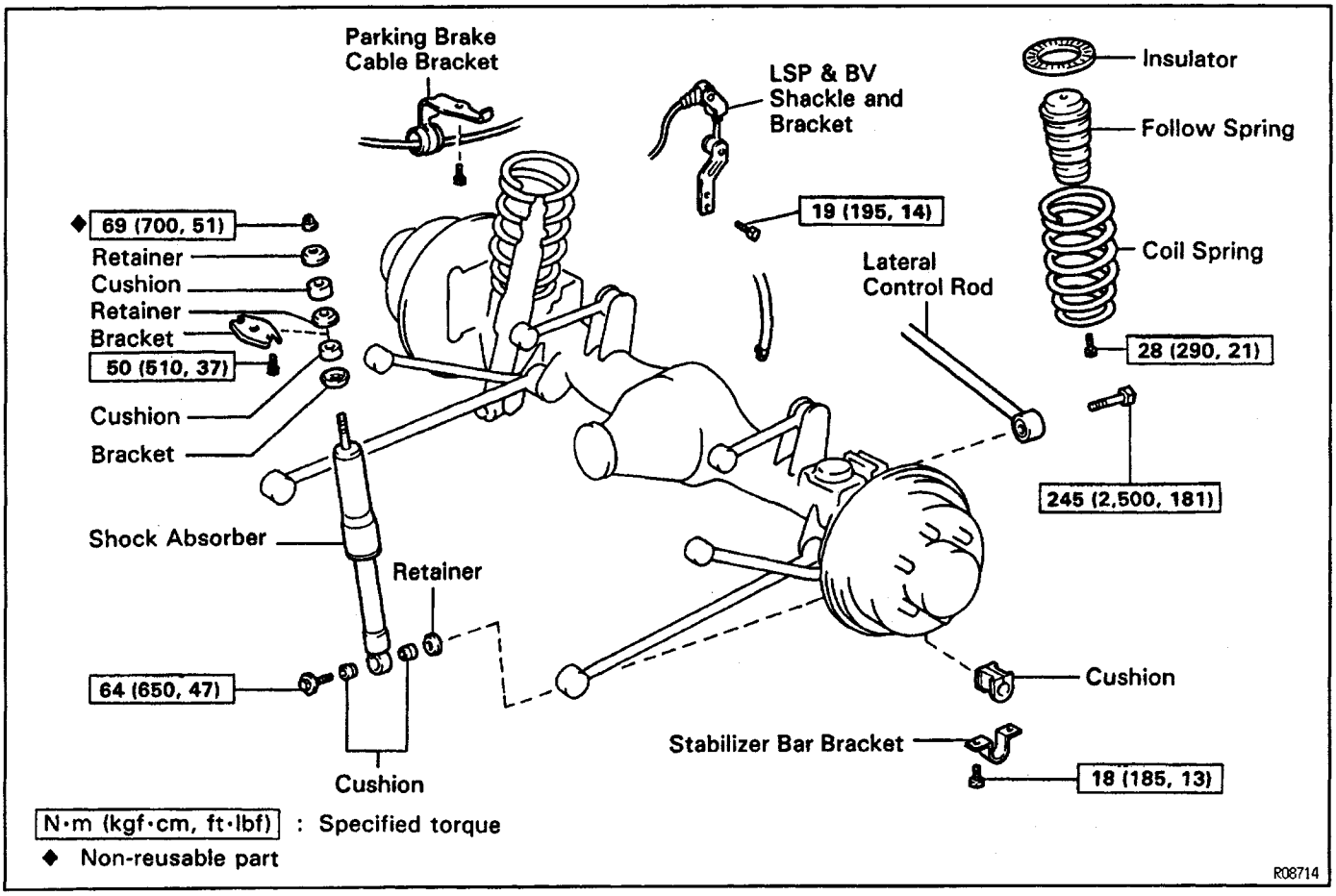
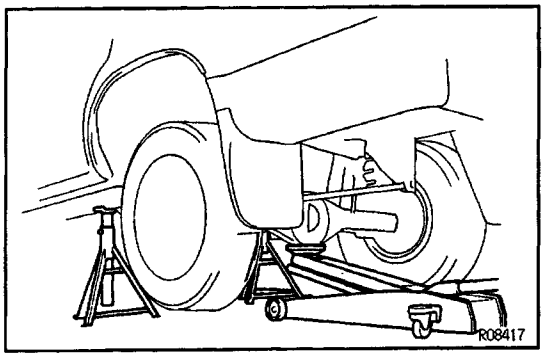
COIL SPRING AND SHOCK ABSORBER

COMPONENTS

SA0YY-01





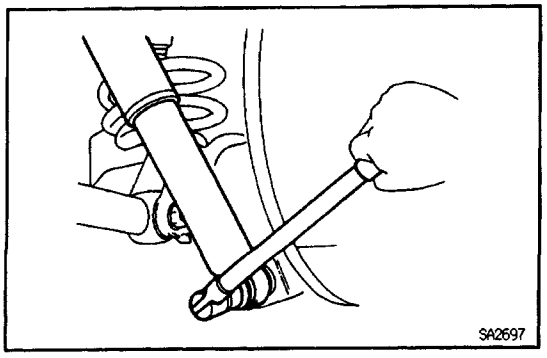
REAR CHOCK ABSORBER AND COIL SPRING REMOVAL

SA0YZ-02

1. JACK UP AND SUPPORT VEHICLE

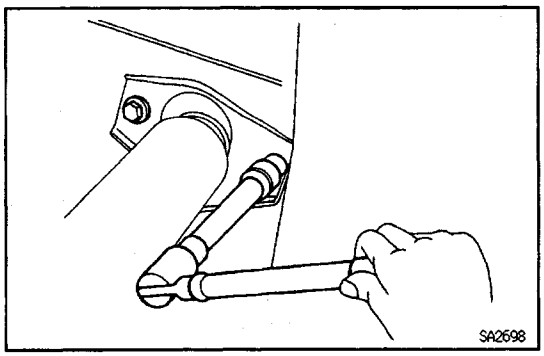
Jack up the rear axle housing and support the frame with stands. Hold the rear axle housing with a jack.

2. REMOVE REAR WHEEL

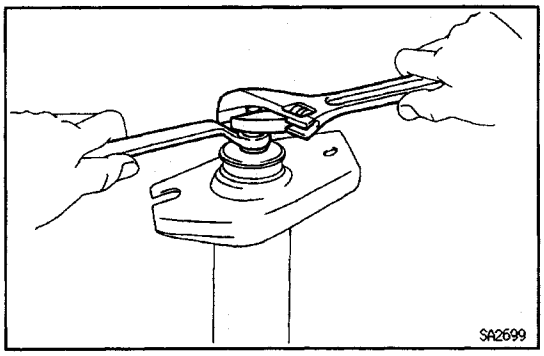


3. REMOVE REAR SHOCK ABSORBER

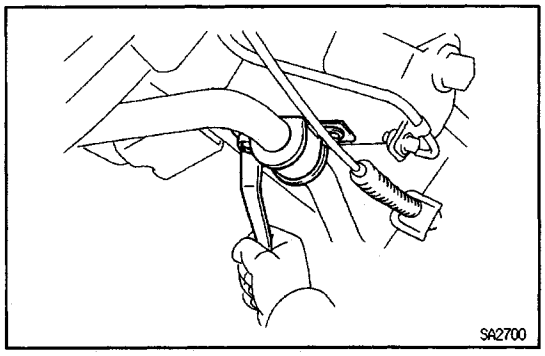
(a) Remove the bolt holding the shock absorber from the rear axle housing and disconnect the shock absorber.



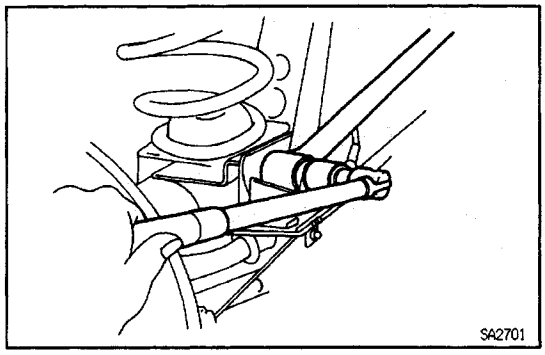
(b) Remove the 2 upper bolts and shock absorber.



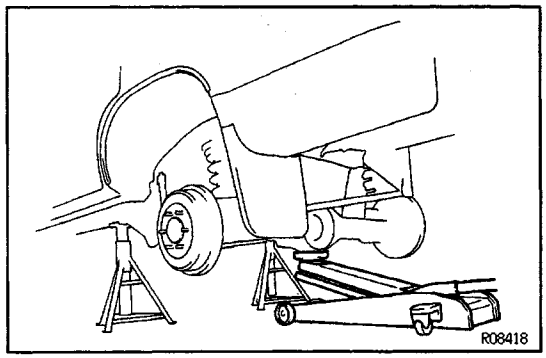
(c) Remove the following parts:
- Nuts
- Retainers
- Bracket



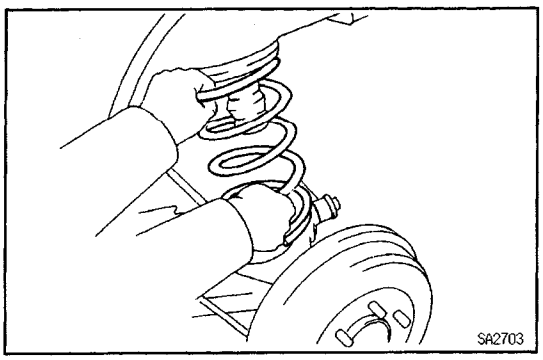
4. DISCONNECT STABILIZER BAR BRACKETS
Remove the 2 bolts holding the stabilizer bar bracket from the rear axle housing.



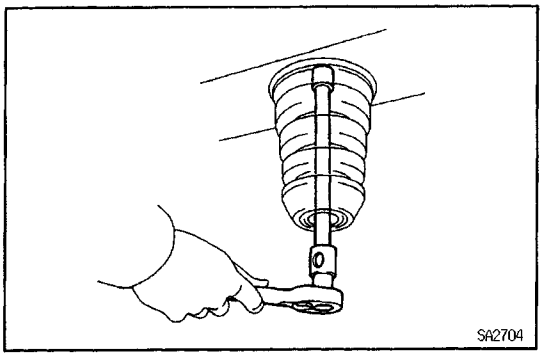
5. DISCONNECT LATERAL CONTROL ROD
Remove the bolt and disconnect lateral control rod from the axle housing.



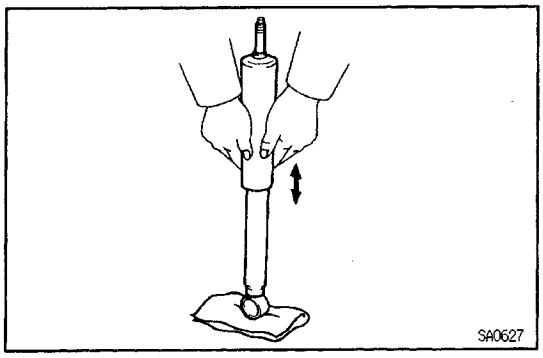
6. REMOVE COIL SPRING
(a) Begin to lower the axle housing.
HINT: Be careful not to snap the brake line and parking brake cable.

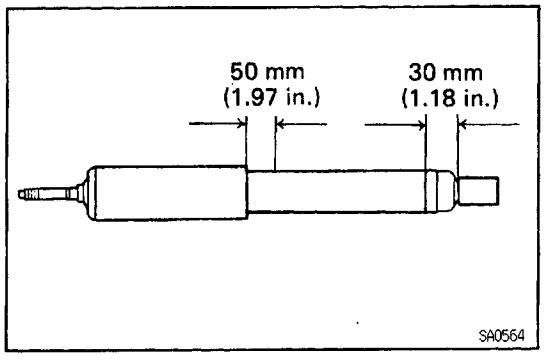


(b) While lowering the rear axle housing, remove the coil spring and upper insulator.



(c) Remove the bolt and the follow spring from the frame.





SA0Z0-02

REAR SHOCK ABSORBER INSPECTION

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.

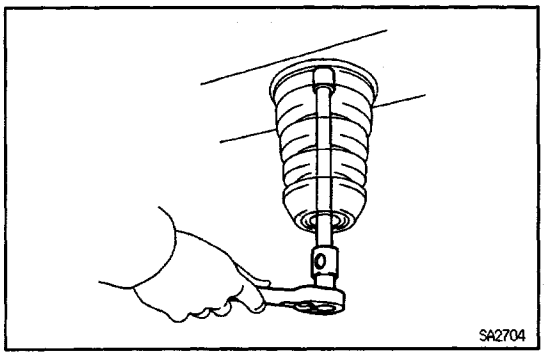
NOTICE: When discarding the shock absorber, use the following procedure.

2. DISCARD SHOCK ABSORBER

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

NOTICE:

- **When drilling, chips may fly out, work carefully.**
- **The gas is color less, odorless, and non-poisonous.**



REAR SHOCK ABSORBER AND COIL SPRING INSTALLATION

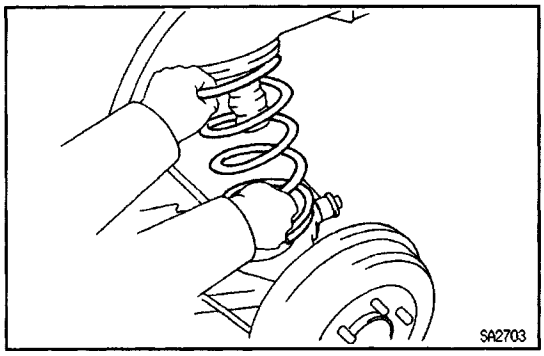
SAQZ1-08

(See page SA-151)

1. INSTALL FOLLOW SPRING

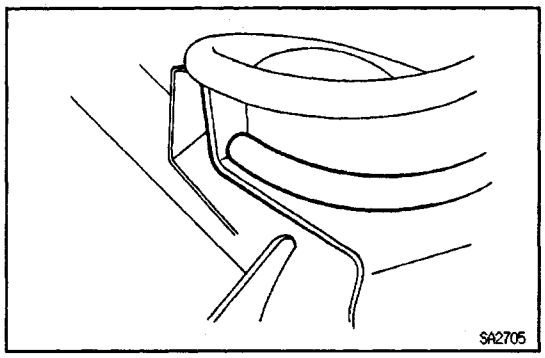
Install the follow spring to the frame with the bolt.

Torque: 28 N-m (290 kgf-cm, 21 ft-lbf)



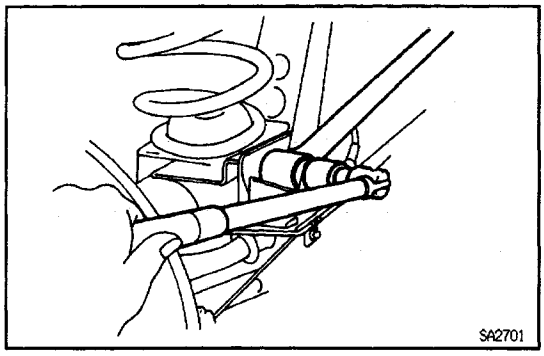
2. INSTALL COIL SPRING

3. JACK UP REAR AXLE HOUSING



4. CHECK POSITION OF COIL SPRING END

Check that the coil spring end is installed correctly.
If the coil spring end is not correct position, reinstall the coil spring.

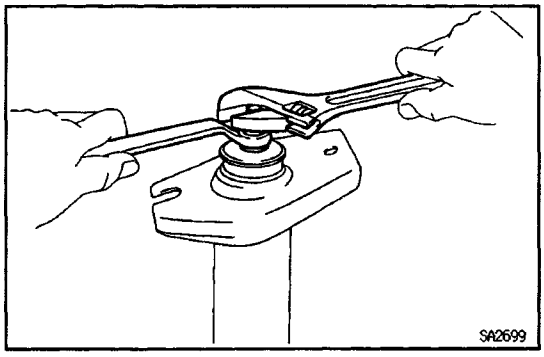


5. TEMPORARILY CONNECT LATERAL CONTROL ROD

Connect the lateral control rod, and temporary install the bolt.

HINT:

- Install the bolt from the front of the vehicle (shock absorber side).
- Do not tighten the bolt.

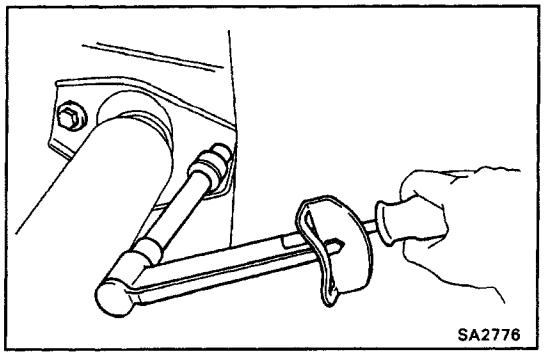


6. INSTALL SHOCK ABSORBER

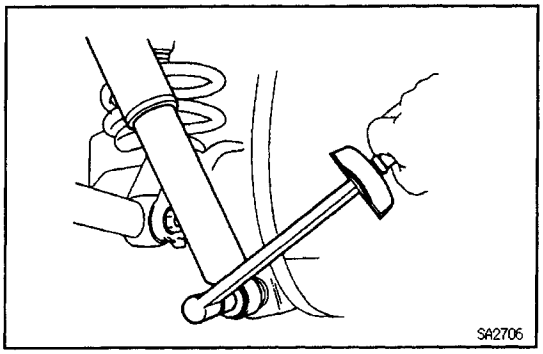
(a) Install the retainers, cushions and bracket to the shock absorber.

(b) Hold the piston rod and torque the nut.

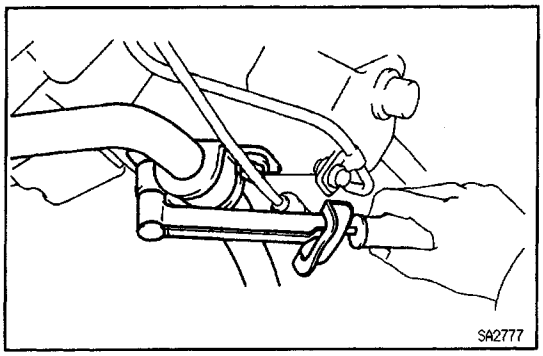
Torque: 69 N-m (700 kgf-cm, 51 ft-lbf)



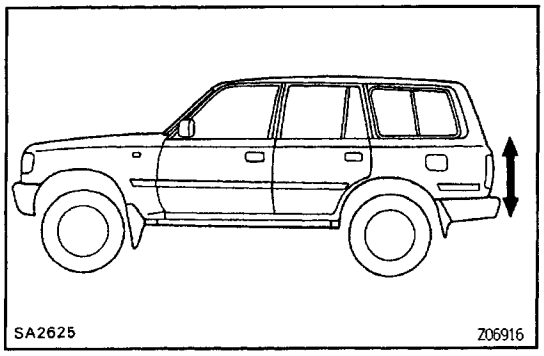
(c) Install the shock absorber with bracket to the frame with the 2 bolts.
Torque: 50 N-m (510 kgf-cm. 37 ft-lbf)



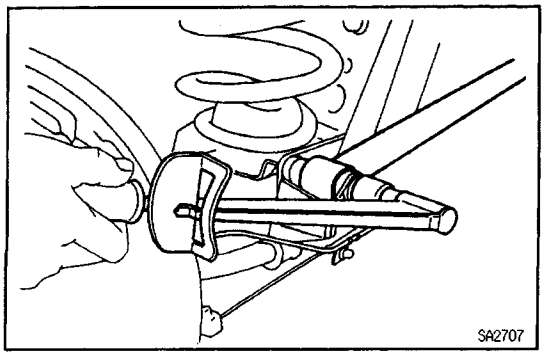
(d) Connect the shock absorber with cushions and retainer to the axle housing with 2 bolts.
Torque: 64 N-m (650 kgf-cm, 47 ft-lbf)



7. CONNECT STABILIZER BAR
Connect the stabilizer bar with bracket to the axle housing with 2 bolts.
Torque: 18 N-m (185 kgf-cm, 13 ft-lbf)



8. INSTALL REAR WHEEL AND LOWER VEHICLE
Torque: 147 N-m (1,500 kgf-cm, 108 ft-lbf)
9. STABILIZE SUSPENSION
Bounce the vehicle up and down to stabilize the suspension.



10. TIGHTEN LATERAL CONTROL ROD BOLT
(a) Jack up the rear axle housing and support it with stands.
(b) Torque the lateral control rod bolt.
Torque: 245 N-m (2,500 kgf-cm, 180 ft-lbf)
(c) Lower the vehicle.