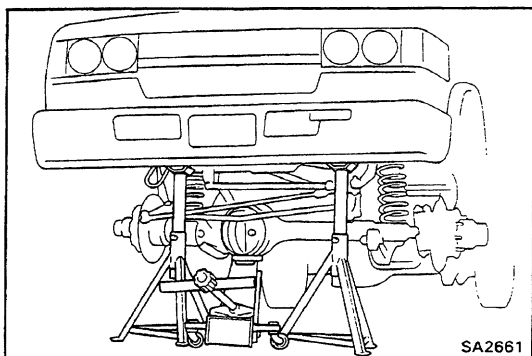
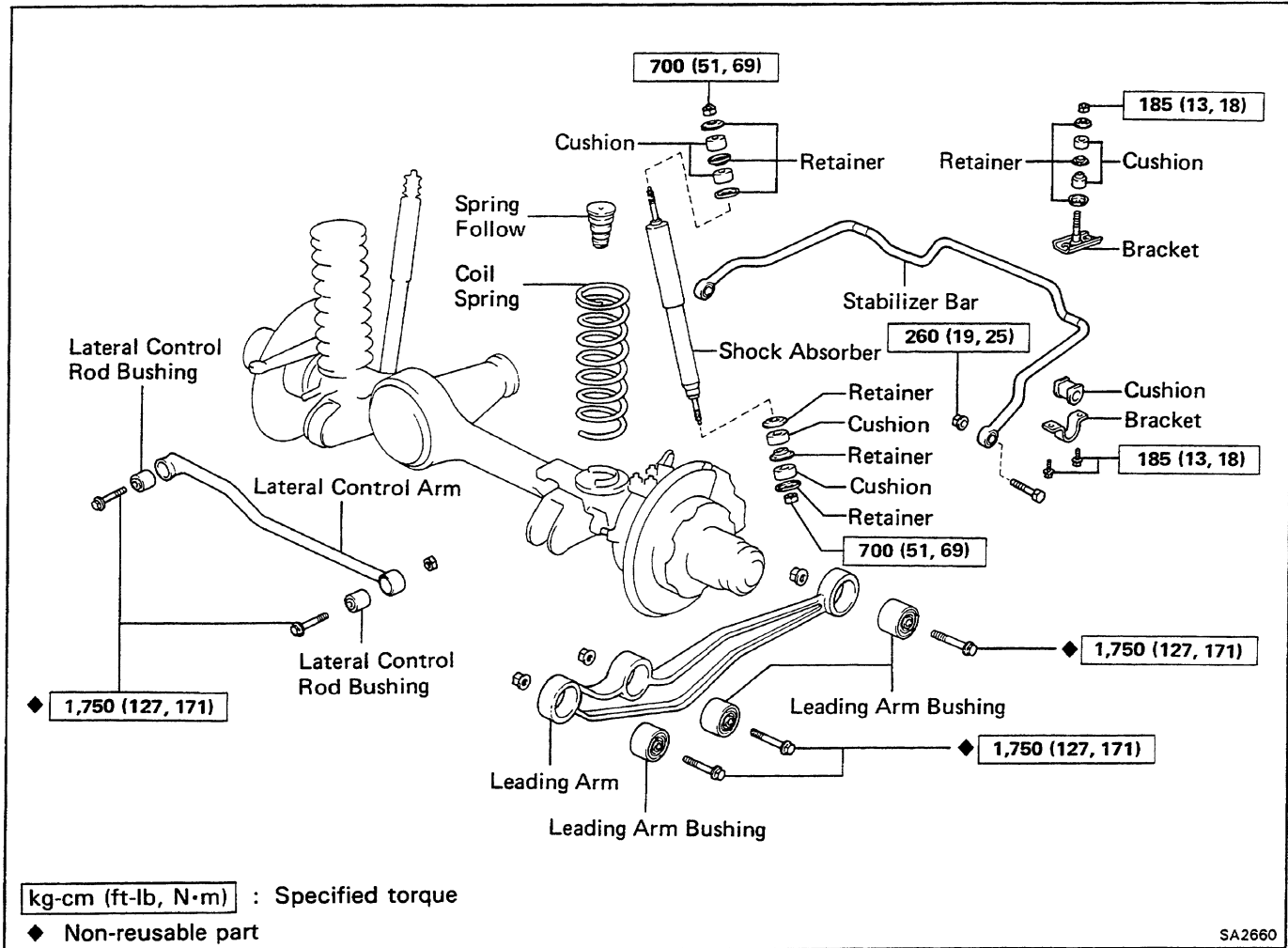


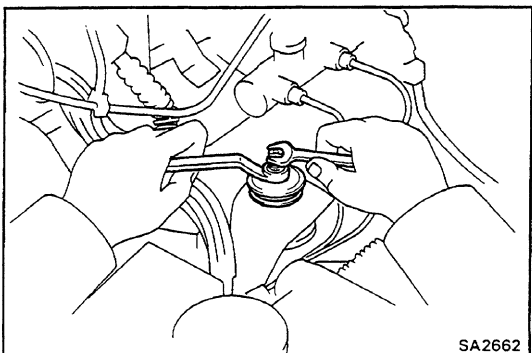
FRONT SUSPENSION COMPONENTS



Coil Spring and Shock Absorber REMOVAL OF COIL SPRING AND SHOCK ABSORBER

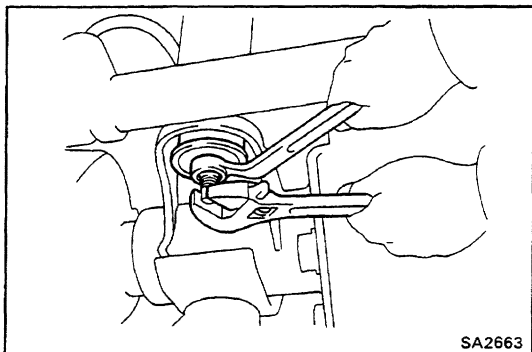
1. JACK UP AND SUPPORT BODY

Jack up and support the body on stands.

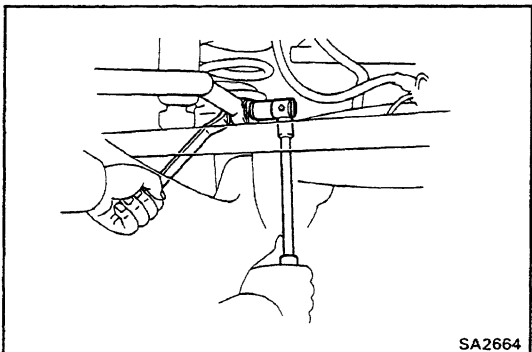


2. REMOVE FRONT SHOCK ABSORBER

- Jack up and support the axle housing.
- Hold the piston rod, and remove the upper mounting nut.

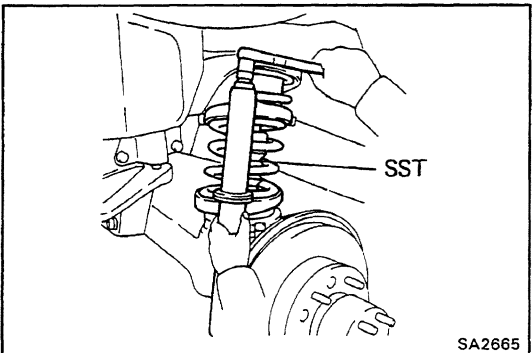


- (c) Hold the shock absorber, and remove the lower mounting nut, shock absorber, cushions and the retainer.



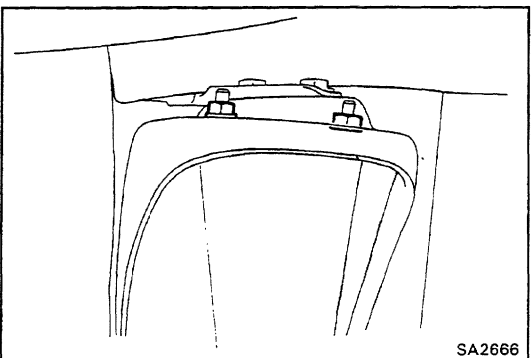
3. DISCONNECT STABILIZER BAR

Remove the bolt and nut, and disconnect the stabilizer bar with the cushion and bracket.



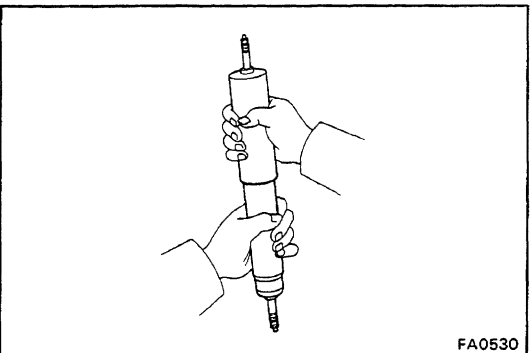
4. REMOVE COIL SPRING

- (a) Jack down and support axle housing.
(b) Using SST, compress the coil spring.
SST 09727-30020
(c) Remove the coil spring.



5. REMOVE SPRING FOLLOW

Remove the two nuts and the spring follow.



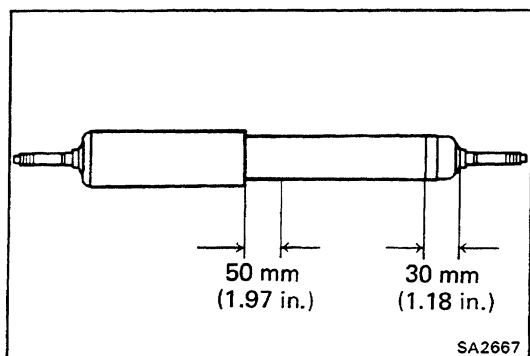
INSPECTION OF FRONT SHOCK ABSORBER

1. INSPECT OPERATION OF SHOCK ABSORBER

- (a) While pushing the shock absorber, check that the pull throughout the stroke is even, and there is no abnormal resistance or noise.
(b) Push the shock absorber in fully and release it.

Check that it returns at a contact speed throughout.

HINT: This information will be engraved on the exterior of the outer shell.

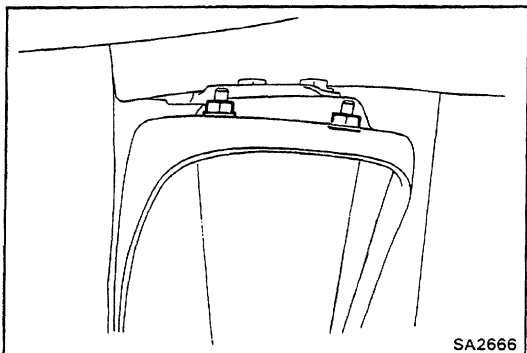


2. DISCARD SHOCK ABSORBER

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 the gas inside.

NOTICE:

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

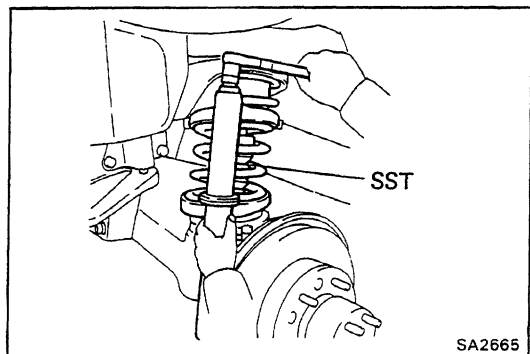


INSTALLATION OF COIL SPRING AND SHOCK ABSORBER

(See page [SA-47](#))

1. INSTALL SPRING FOLLOW

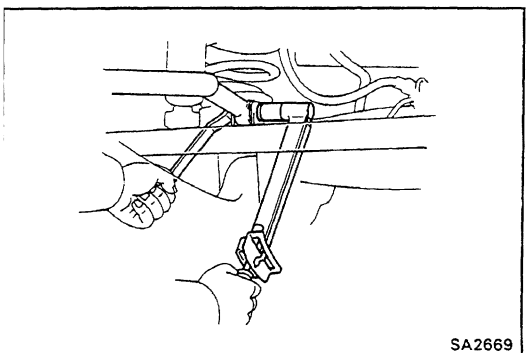
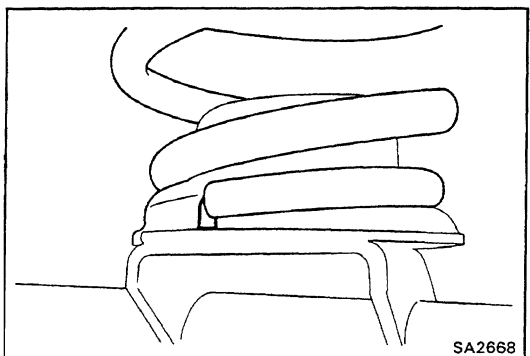
Install the spring follow to the body with the two nuts.



2. INSTALL COIL SPRING

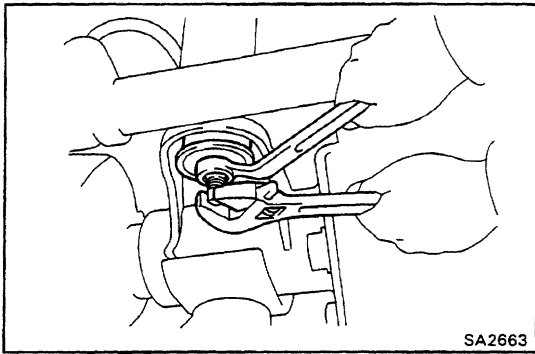
- (a) Using SST, compress the coil spring.
SST 09727-30020

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



3. CONNECT STABILIZER BAR

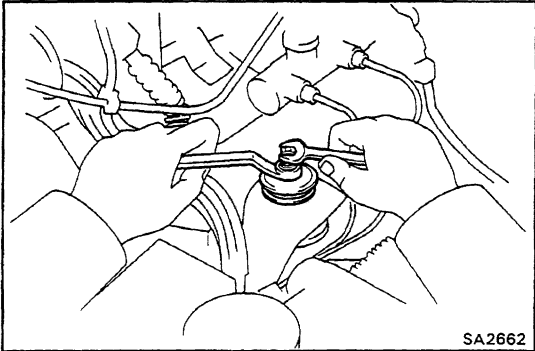
- (a) Jack up and support axle housing.
(b) Connect the stabilizer bar to the axle housing with the bolt and nut.



4. INSTALL SHOCK ABSORBER

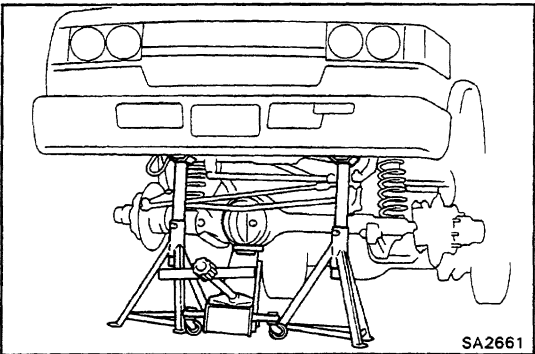
- (a) Install the retainers, cushions and the shock absorber.
- (b) Hold the shock absorber to the axle housing with the lower mounting nut.

Torque: 700 kg-cm (51 ft-lb, 69 N-m)



- (c) Install the cushion and the retainers.
- (d) Hold the piston rod to the body with the upper mounting nut.

Torque: 700 kg-cm (51 ft-lb, 69 N-m)

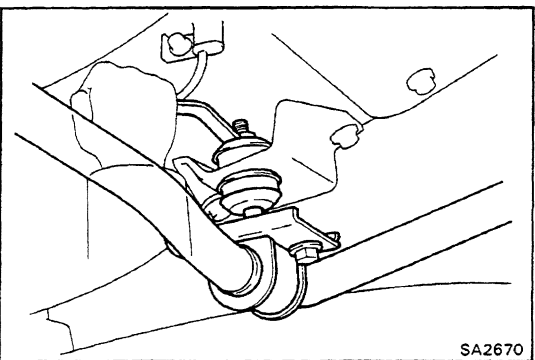


Stabilizer Bar

REMOVAL OF STABILIZER BAR

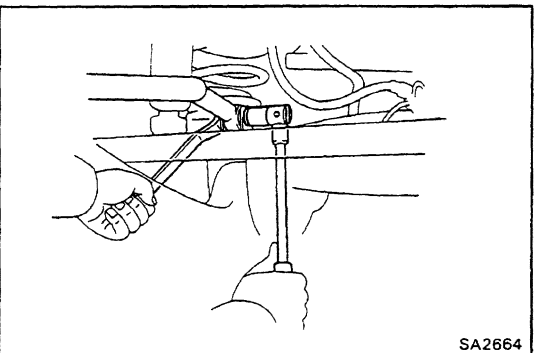
(See page [SA-47](#))

1. JACK UP AND SUPPORT VEHICLE WITH FRAME



2. REMOVE STABILIZER BAR

- (a) Remove the nut and disconnect the stabilizer bar with the bracket and cushion from the frame.



- (b) Remove the bolt and nut, and remove the stabilizer bar from the axle housing.