

Lower Suspension Arm and Shock Absorber

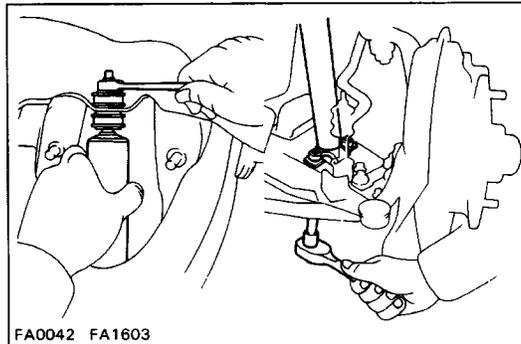
(See page SA-17)

REMOVAL OF LOWER SUSPENSION ARM AND SHOCK ABSORBER

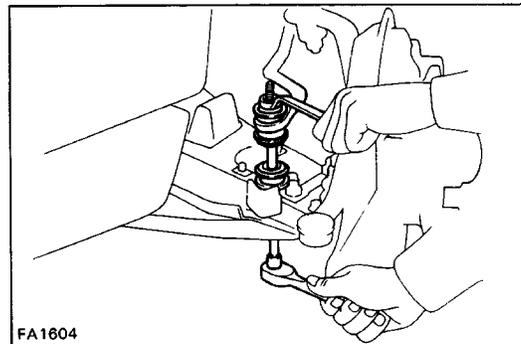
1. REMOVE TORSION BAR SPRING (See page SA-20)

2. DISCONNECT TIE ROD END

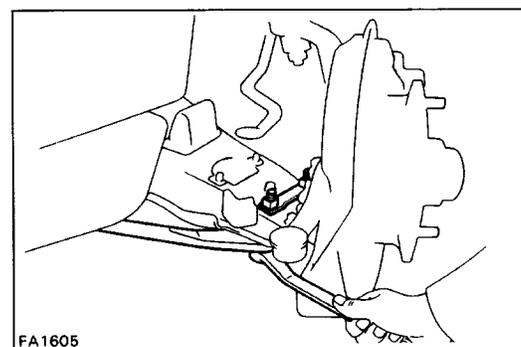
- (a) Remove the cotter pin and nut.
- (b) Using SST, disconnect the tie rod end.
SST 09610-20012



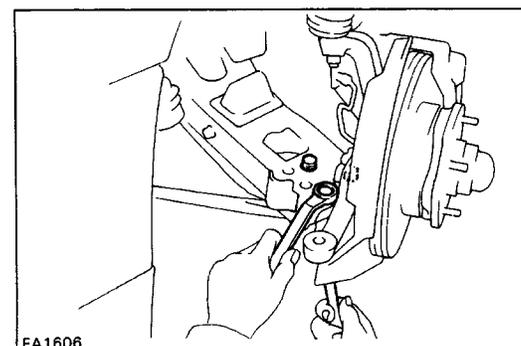
3. REMOVE SHOCK ABSORBER



4. DISCONNECT STABILIZER BAR FROM LOWER ARM

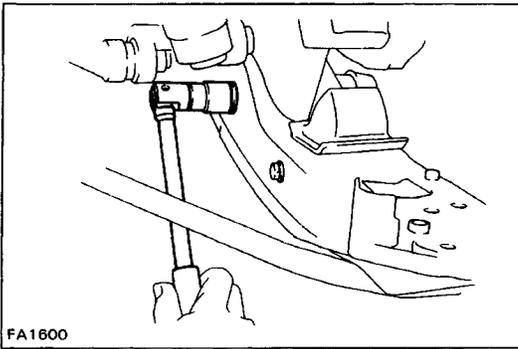


5. DISCONNECT STRUT BAR FROM LOWER ARM



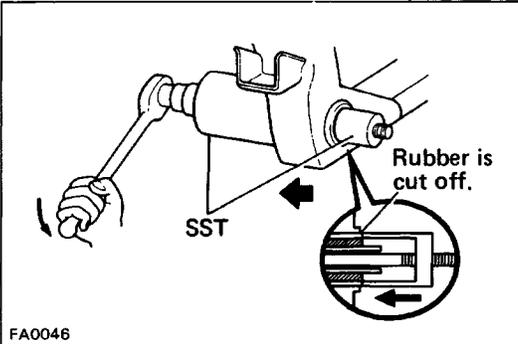
6. DISCONNECT LOWER BALL JOINT

Remove the three bolts and disconnect the lower ball joint.



7. REMOVE LOWER SUSPENSION ARM

Remove the nut and lower suspension arm.



REPLACEMENT OF LOWER ARM BUSHING

1. REMOVE BUSHING

(a) Cut off the bushing rubber as shown in the figure.

(b) Using SST, remove the bushing.

SST 09726-35010

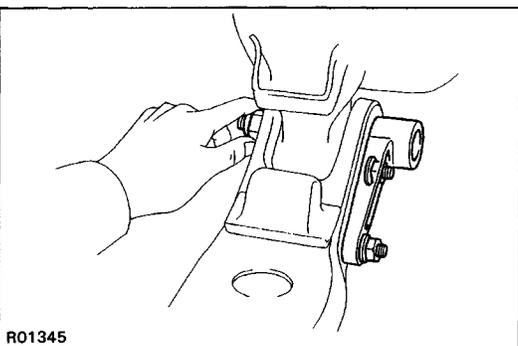
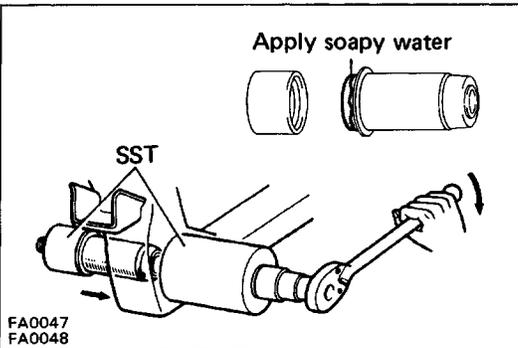
2. INSTALL BUSHING

(a) Apply soapy water on the front rubber part of the bushing and fit SST on the new bushing.

SST 09726-35010

(b) Using SST, install the new bushing.

SST 09726-35010



INSTALLATION OF LOWER SUSPENSION ARM AND SHOCK ABSORBER

1. INSTALL LOWER SUSPENSION ARM

(a) Install the torque arm mounting bolts to the lower arm.

(b) Place the torque arm on the lower arm shaft.

Set the lower arm in installation position, and install the lower arm shaft and torque arm.

(c) Temporarily install the torque arm.

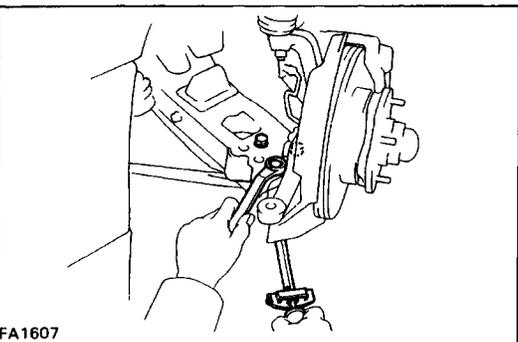
(d) Finger tighten the lower arm, and remove the torque arm.

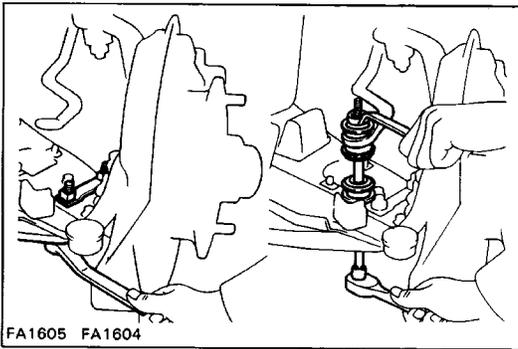
HINT: Do not torque the nut.

2. CONNECT LOWER BALL JOINT

Connect the lower ball joint to the lower suspension arm with the three bolts.

Torque: 127 N-m (1,300 kgf-cm, 94 ft-lbf)

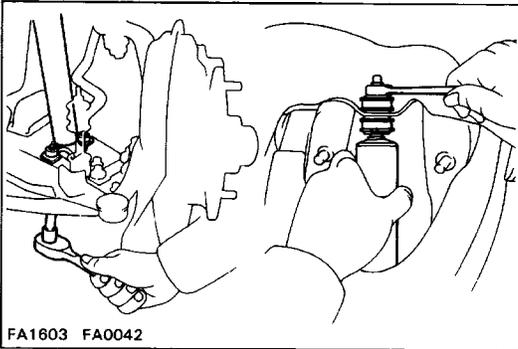


**3. CONNECT STRUT BAR TO LOWER ARM**

Torque: 95 N-m (970 kgf-cm, 70 ft-lbf)

4. CONNECT STABILIZER BAR TO LOWER SUSPENSION ARM

Torque: 13 N-m (130 kgf-cm, 9 ft-lbf)

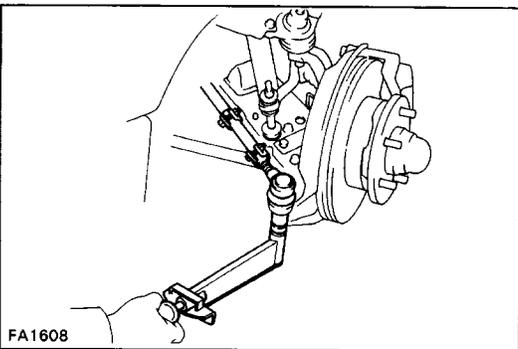
**5. INSTALL SHOCK ABSORBER**

- (a) Install the shock absorber to the lower suspension arm.

Torque: 18 N-m (185 kgf-cm, 13 ft-lbf)

- (b) Install the shock absorber to the upper bracket.

Torque: 25 N-m (250 kgf-cm, 18 ft-lbf)

**6. CONNECT TIE ROD END**

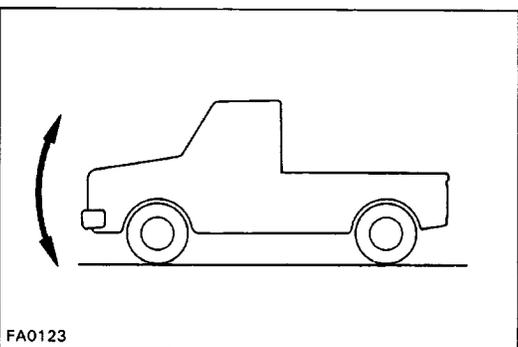
- (a) Connect the tie rod end to the steering knuckle arm and install and torque the nut.

Torque: 90 N-m (920 kgf-cm, 67 ft-lbf)

- (b) Secure the nut with a new cotter pin.

7. INSTALL TORSION BAR SPRING

(See page SA-20)

**8. TORQUE LOWER SUSPENSION ARM SHAFT NUT**

- (a) Install the wheel.

- (b) Remove the stands and bounce the vehicle up and down to stabilize the suspension.

- (c) Torque the nut.

Torque: 226 N-m (2,300 kgf-cm, 166 ft-lbf)

9. CHECK FRONT WHEEL ALIGNMENT

(See page SA-3)

