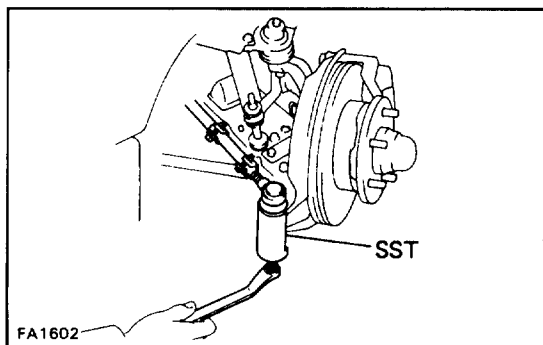
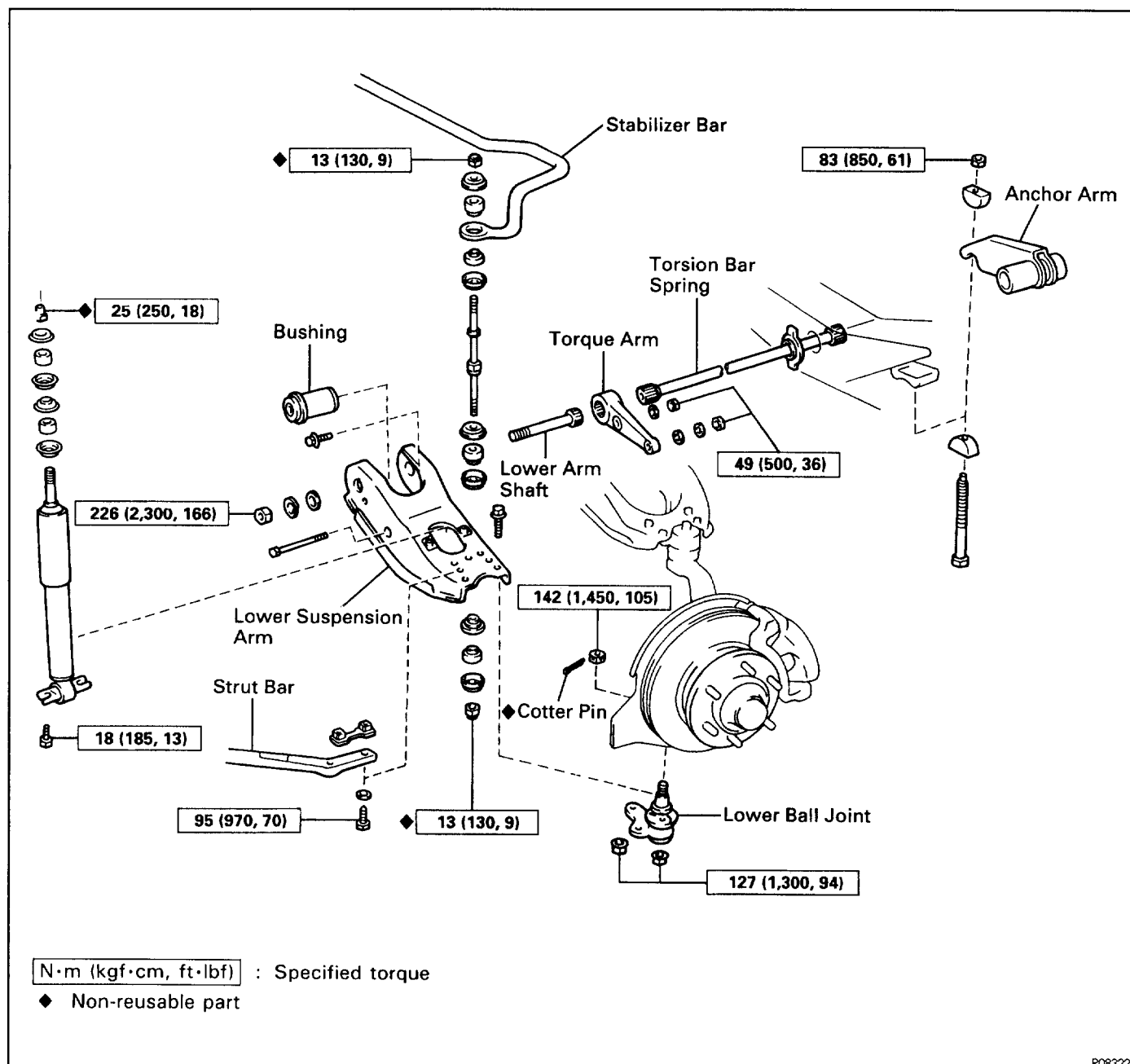
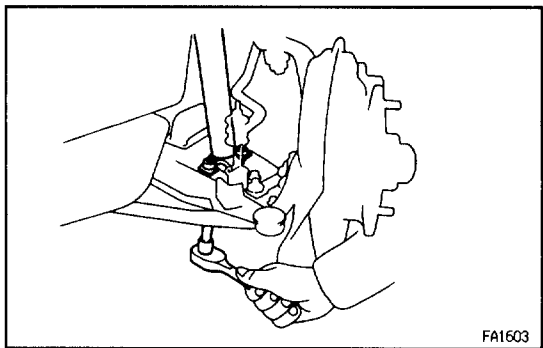


LOWER SUSPENSION ARM COMPONENTS

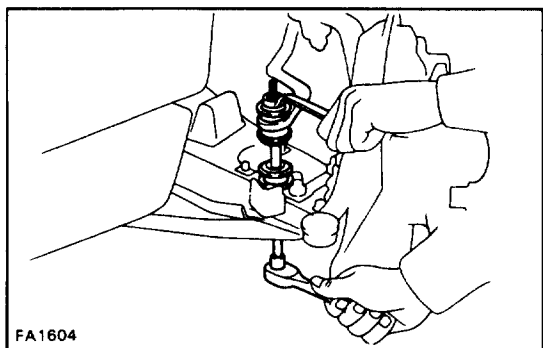
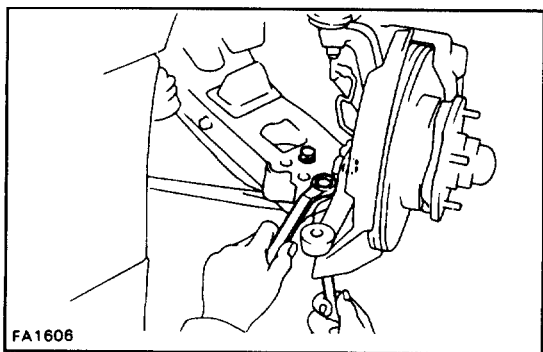


LOWER SUSPENSION ARM REMOVAL

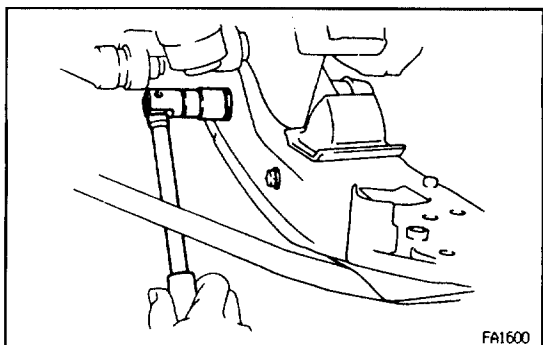
1. JACK UP VEHICLE AND REMOVE FRONT WHEEL
2. REMOVE TORSION BAR SPRING
(See page SA-117)
3. DISCONNECT TIE ROD END
 - (a) Remove the cotter pin and nut.
 - (b) Using SST, disconnect the tie rod end.
SST 09610-20012

**4. REMOVE SHOCK ABSORBER**

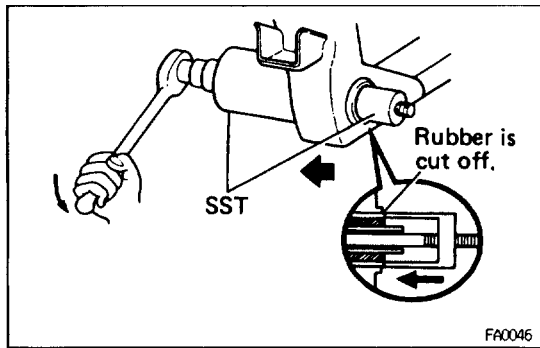
Remove the 2 bolts and disconnect the shock absorber lower side from the lower suspension arm.

**5. DISCONNECT STABILIZER BAR FROM LOWER ARM****6. DISCONNECT STRUT BAR FROM LOWER ARM****7. DISCONNECT LOWER BALL JOINT**

Remove the 3 bolts and disconnect the lower ball joint.

**8. REMOVE LOWER SUSPENSION ARM**

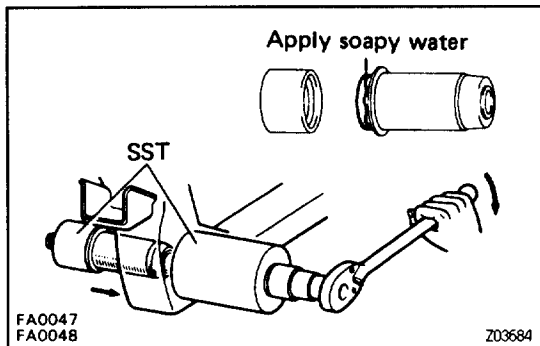
Remove the nut and lower suspension arm.



LOWER ARM BUSHING REPLACEMENT

1. REMOVE BUSHING

- Cut off the bushing rubber, as shown in the illustration.
- Using SST, remove the bushing.
SST 09726-35010



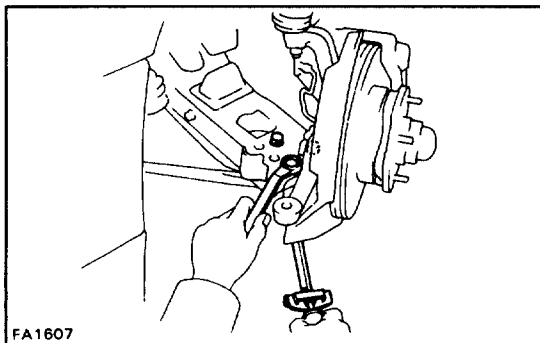
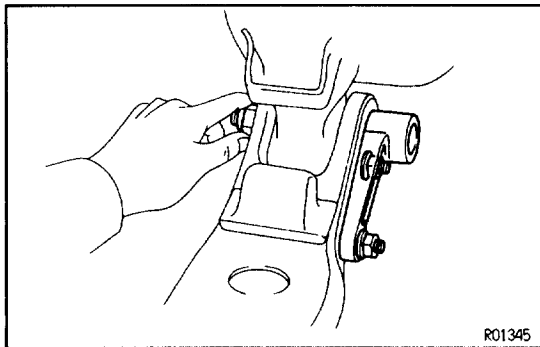
2. INSTALL BUSHING

- Apply soapy water on the front rubber part of the bushing and fit SST on a new bushing.
SST 09726-35010
- Using SST, install the new bushing.
SST 09726-35010

LOWER SUSPENSION ARM INSTALLATION

1. INSTALL LOWER SUSPENSION ARM

- Install the torque arm mounting bolts to the lower arm.
- 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.
- Temporarily install the torque arm.
- Finger tighten the lower arm, and remove the torque arm.
HINT: Do not torque the nut.



2. CONNECT LOWER BALL JOINT

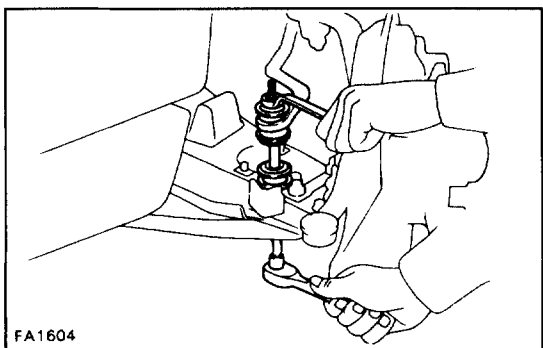
Connect the lower ball joint to the lower suspension arm with the 3 bolts.

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



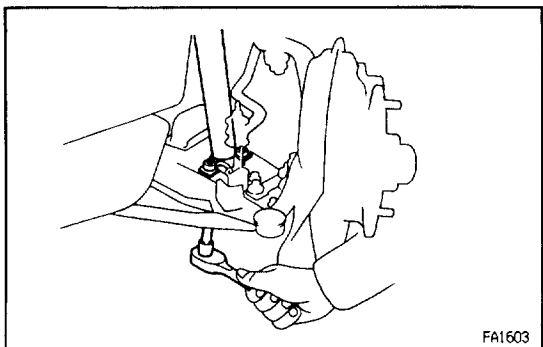
3. CONNECT STRUT BAR TO LOWER SUSPENSION ARM

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



4. CONNECT STABILIZER BAR

Torque: 13 N·m (130 kgf·cm, 9 ft·lbf)



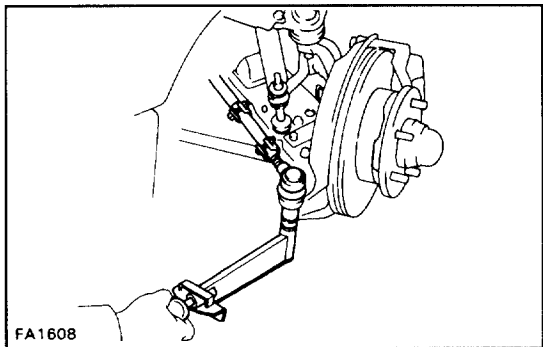
5. INSTALL FRONT SHOCK ABSORBER

- (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

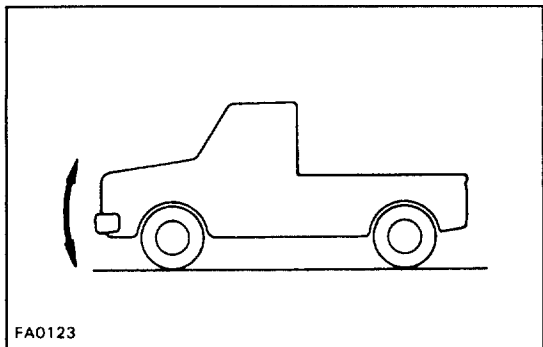
- (a) Connect the tie rod end to the steering knuckle arm and install and torque the nut.

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

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

7. INSTALL TORSION BAR SPRING

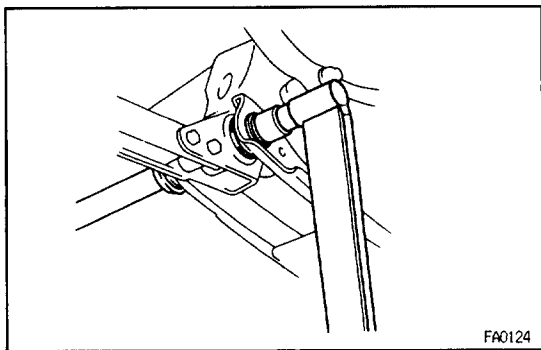
(See page [SA-118](#))



8. TORQUE LOWER SUSPENSION ARM SHAFT NUT

- (a) Install the wheel and lower the vehicle.

- (b) 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-4](#))