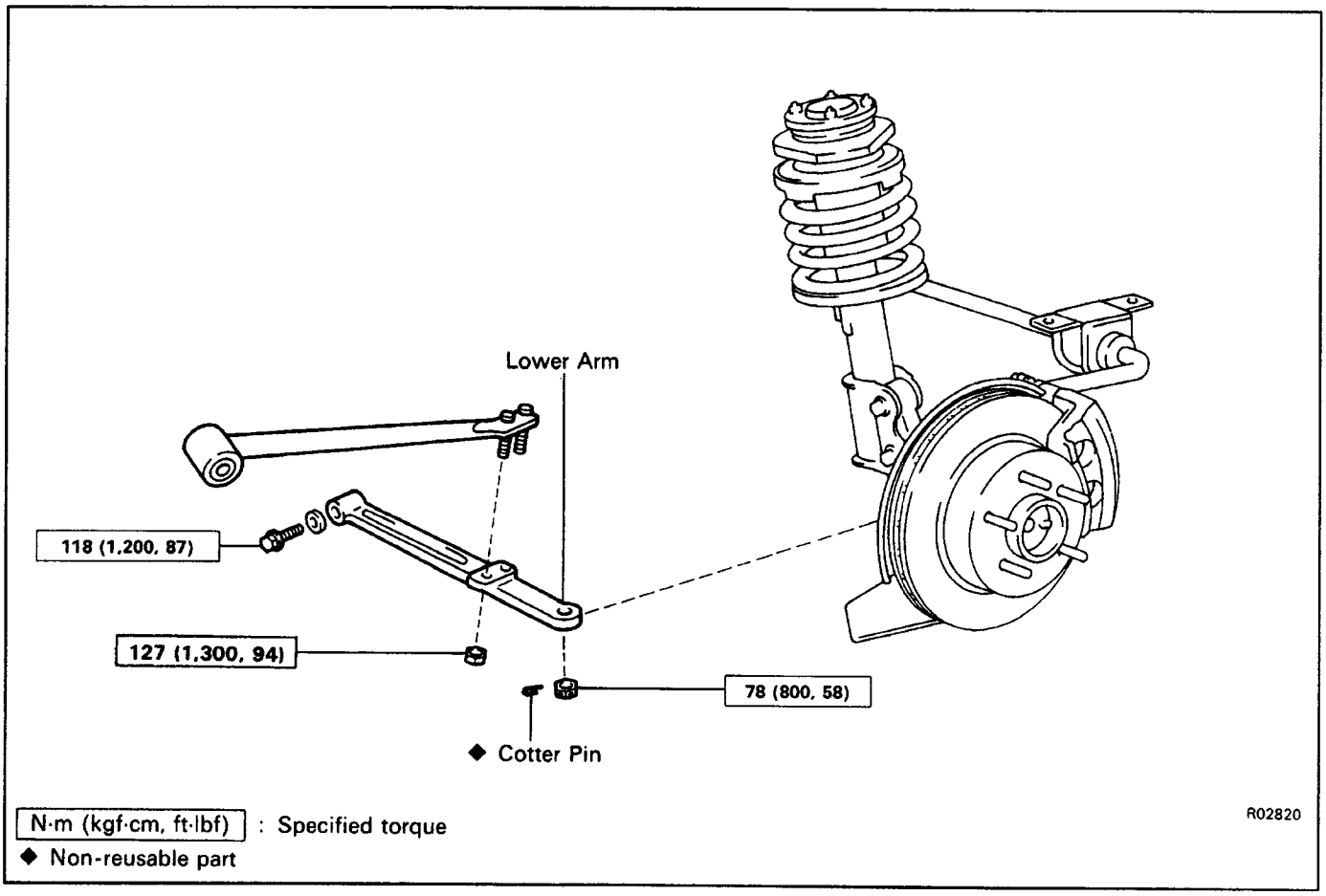
LOWER SUSPENSION ARM

SA0BH–01

COMPONENTS



N·m (kgf·cm, ft·lbf) : Specified torque
◆ Non-reusable part

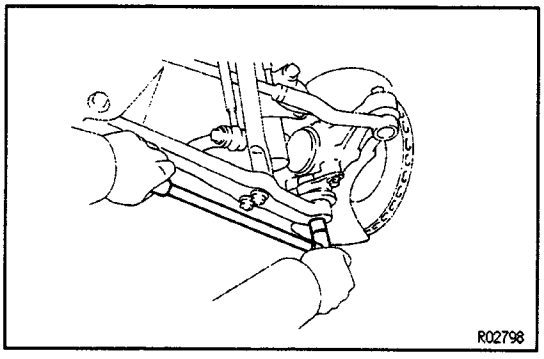
SA0BJ–01

LOWER ARM REMOVAL

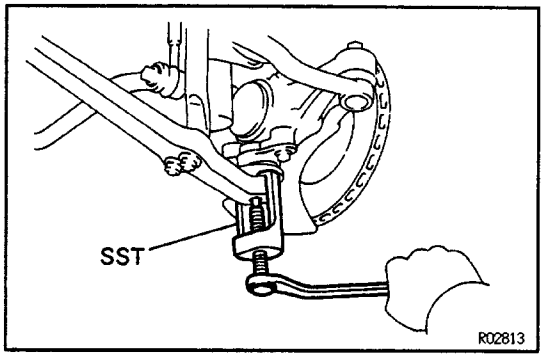
1. JACK UP VEHICLE AND REMOVE FRONT WHEEL

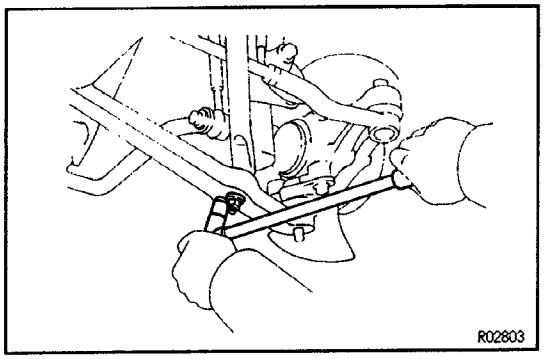
2. DISCONNECT LOWER ARM FROM BALL JOINT

(a) Remove the cotter pin and castle nut.



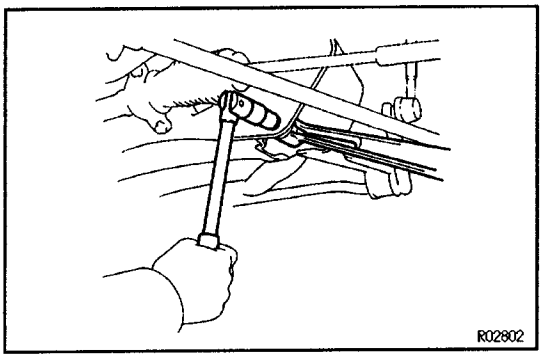
(b) Using SST, disconnect the lower arm from the ball joint.
SST 09610–20012





3. DISCONNECT STRUT BAR FROM LOWER ARM

Remove the two nuts and disconnect the strut bar from the lower arm.



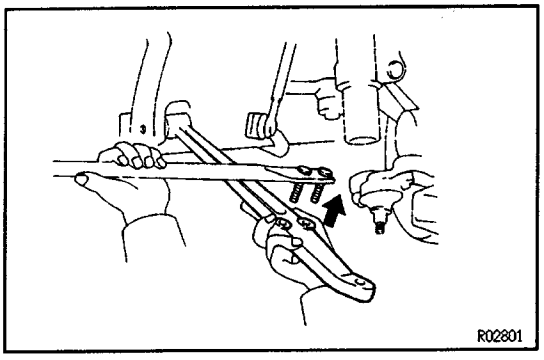
4. REMOVE LOWER ARM

(a) Remove the bolt and washer.

(b) Remove the lower arm from the body.

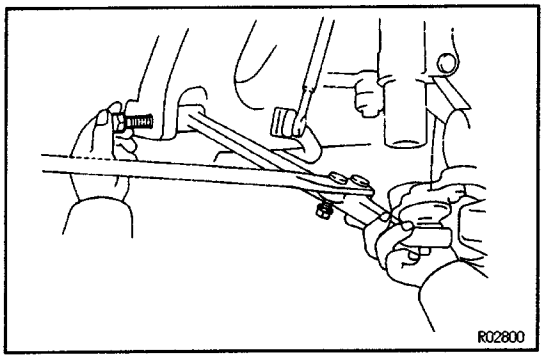
LOWER ARM INSTALLATION

SA08K–01

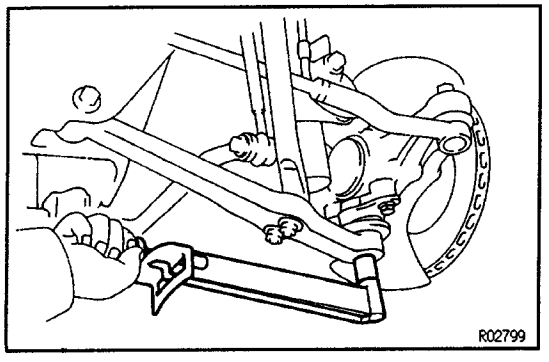


1. INSTALL LOWER ARM

(a) Temporarily install the strut bar to the lower arm with the nuts.



(b) Temporarily install the lower arm to the body with the washer and bolt.



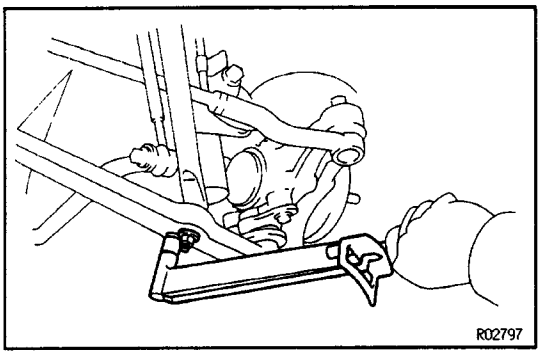
2. CONNECT LOWER ARM TO BALL JOINT

(a) Connect the lower arm to the ball joint and torque the castle nut.

HINT: If the hole in the ball joint is not aligned with the grooves of the nut, tighten the nut until they match.

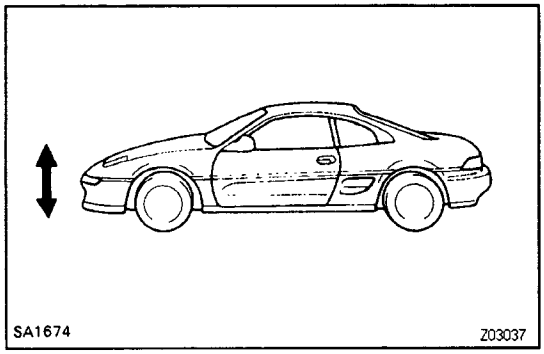
Torque: 78 N–m (800 kgf–cm, 58 ft–lbf)

(b) Install a new cotter pin.



3. TORQUE STRUT BAR TO LOWER ARM

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

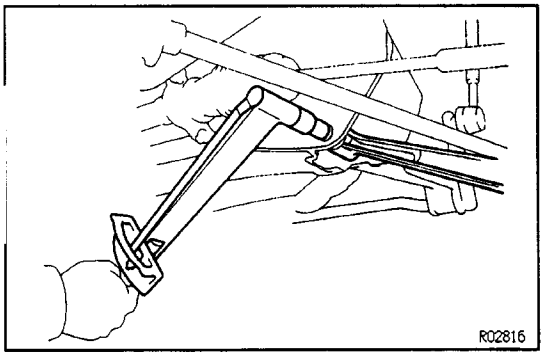


4. TORQUE LOWER ARM TO BODY

(a) Install the wheel and lower the vehicle.

Torque: 103 N–m (1,050 kgf–cm, 76 ft–lbf)

(b) Bounce the vehicle up and down several times allow the suspension to settle.



(c) Torque the bolts with the vehicle load applied on the suspension.

Torque: 118 N–m (1,200 kgf–cm, 87 ft–lbf)