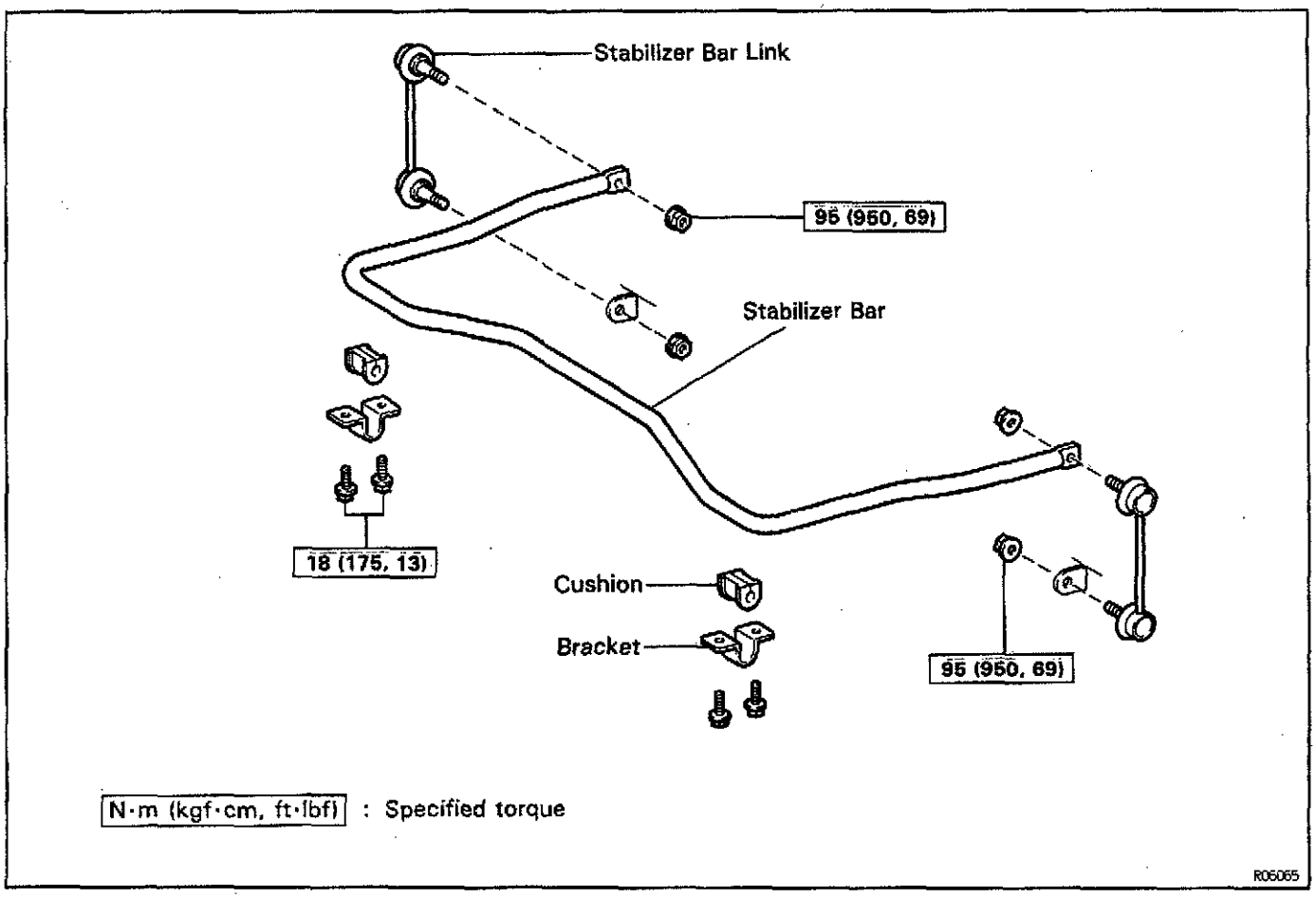
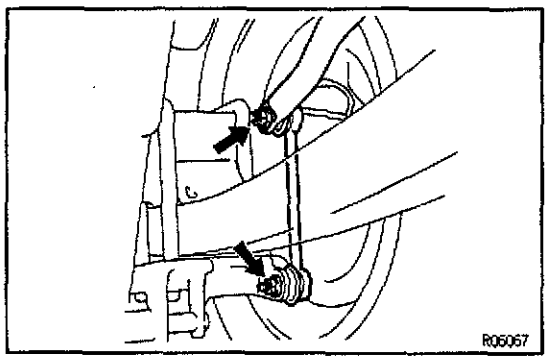
STABILIZER BAR

COMPONENTS

SA0YP-01



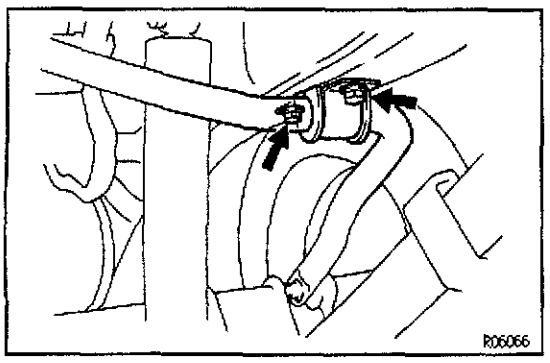


SA0YQ-01

STABILIZER BAR REMOVAL

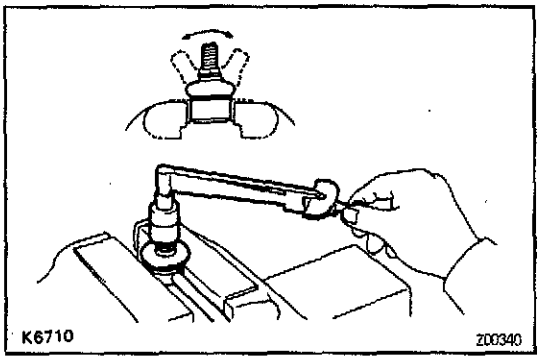
1. **JACK UP AND SUPPORT FRAME**
2. **REMOVE STABILIZER BAR**

(a) Remove the 4 nuts and 2 stabilizer bar links.
HINT: If the ball joint stud turns together with the nut, use a hexagon wrench to hold the stud.



(b) Remove the bolts and stabilizer bar with the brackets and cushions.

(c) Remove the brackets and cushions from the stabilizer bar.



STABILIZER BAR LINK INSPECTION

INSPECT BALL JOINT FOR ROTATION CONDITION

(a) Flip the ball joint stud back and forth 5 times as shown in the figure, before installing the nut.

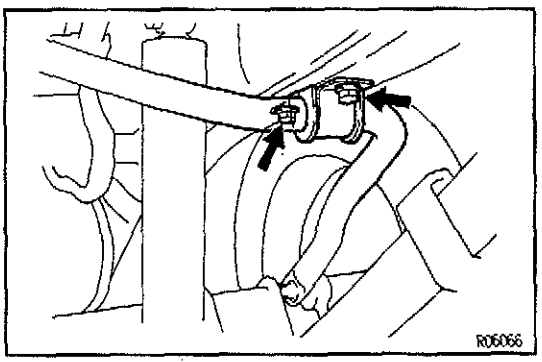
(b) Using a torque gauge, turn the nut continuously one turn each 2, 4 seconds and take the torque reading on the fifth turn.

Turning torque:

0.05–1.95 N·m (0.5–20 kgf·cm, 0.4–17.3 in.·lbf)

If not within specification, replace the stabilizer bar link.

SA



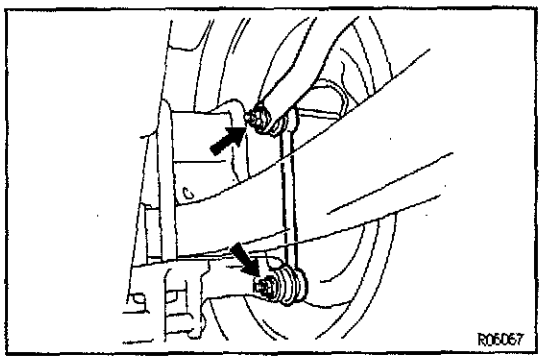
STABILIZER BAR INSTALLATION

INSTALL STABILIZER BAR

(a) Install the cushions and brackets to the stabilizer bar.

(b) Place the stabilizer bar and torque the bracket bolts.

Torque: 18 N·m (175 kgf·cm, 13 ft·lbf)



(c) Install the left and right stabilizer bar links with the nuts.

Torque: 95 N·m (950 kgf·cm, 69 ft·lbf)

HINT: If the ball joint stud turns together with the nut, use a hexagon wrench to hold the stud.