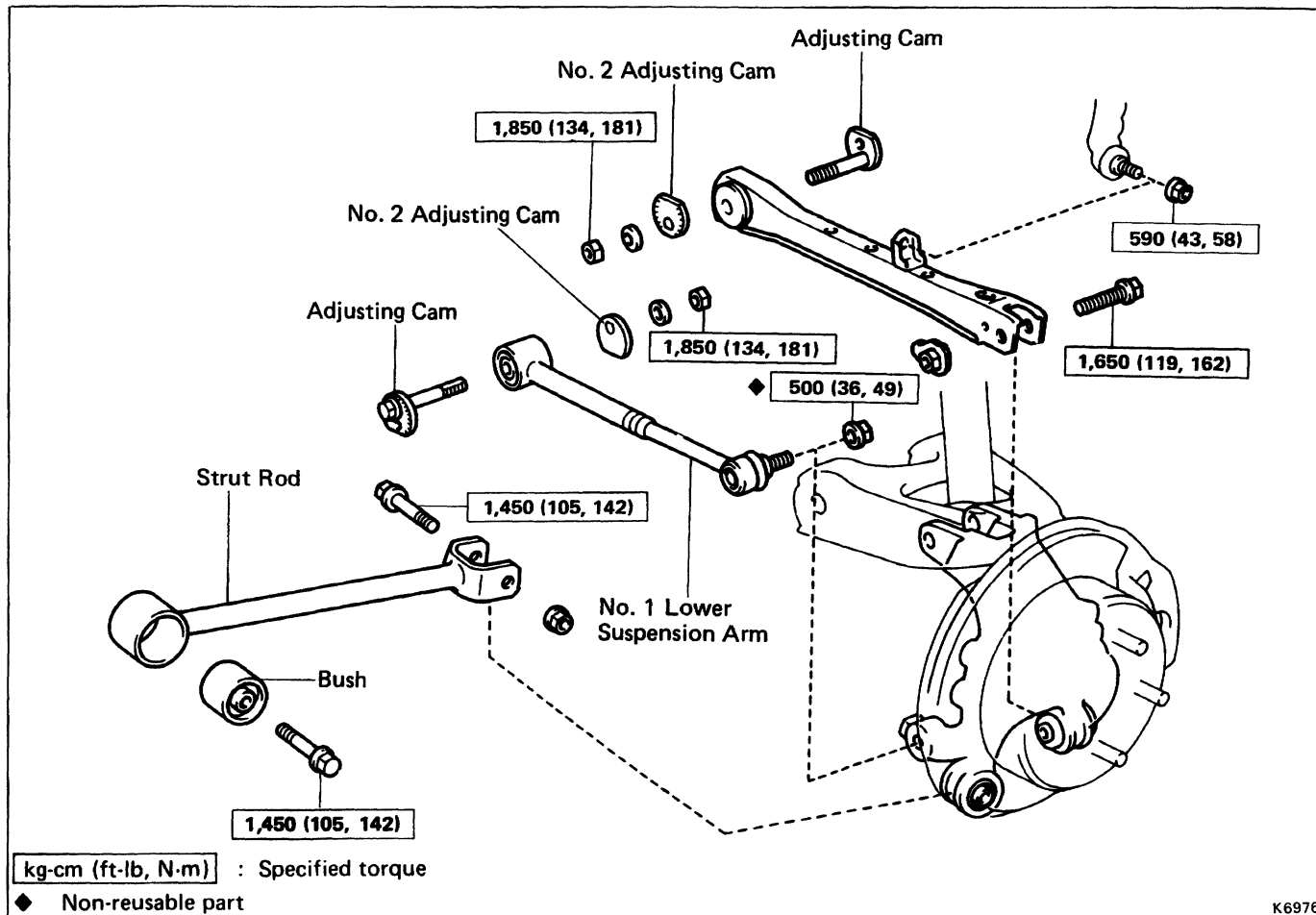
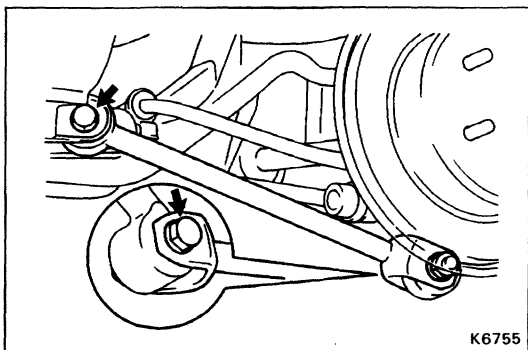


Lower Suspension Arm and Strut Rod COMPONENTS



K6976

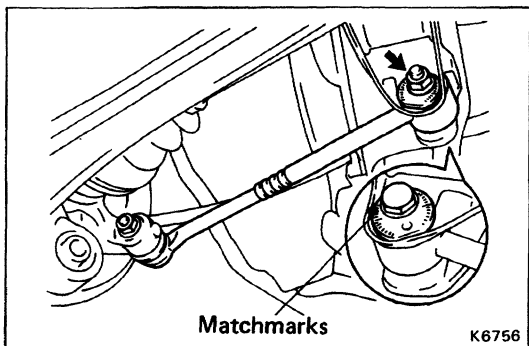


REMOVAL OF LOWER SUSPENSION ARMS AND STRUT ROD

1. REMOVE REAR WHEEL

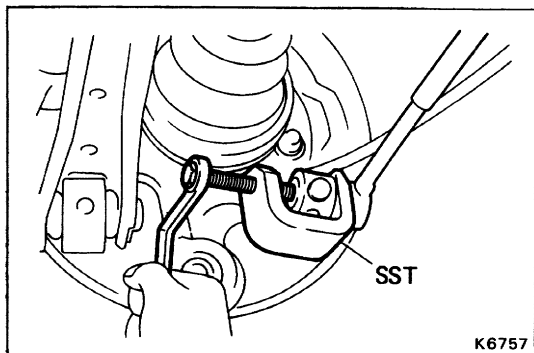
2. REMOVE STRUT ROD

- (a) Disconnect the strut rod from rear axle carrier.
- (b) Remove the strut rod.



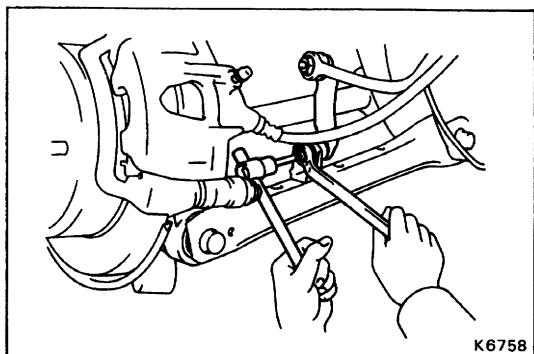
3. REMOVE NO. 1 LOWER SUSPENSION ARM

- (a) Place matchmarks to the adjusting cam and body.
- (b) Remove the adjusting cam.



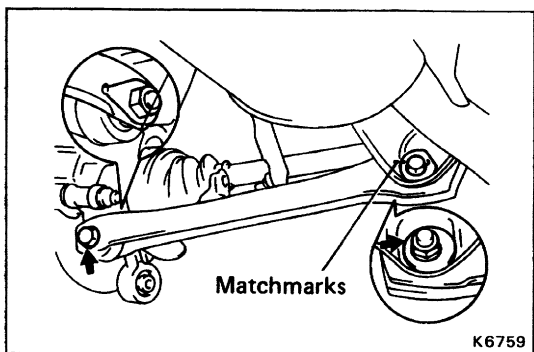
(c) Remove the nut of axle carrier side.

(d) Using SST, remove the No. 1 lower suspension arm.
SST 09628-10011



4. REMOVE NO.2 LOWER SUSPENSION ARM

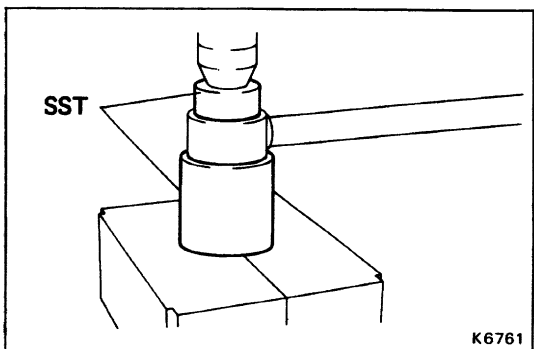
(a) Disconnect the stabilizer link from the lower suspension arm.



(b) Place matchmarks to the adjusting cam and body.

(c) Remove the adjusting cam.

(d) Remove the No.2 lower suspension arm.

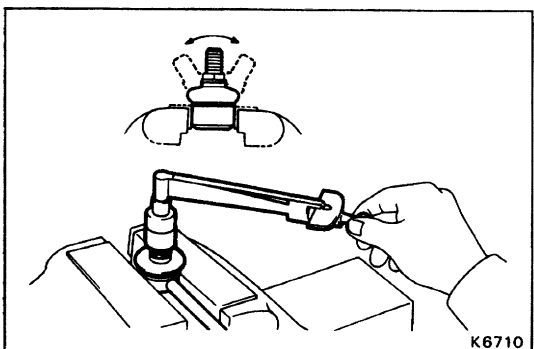


REPLACEMENT OF STRUT ROD BUSHING

REPLACE STRUT ROD BUSHING

Using SST, replace the strut rod bushing.

SST 09710-30020 (09710-03110, 09710-03120)



INSPECTION OF NO. 1 LOWER SUSPENSION ARM BALL JOINT

INSPECT BALL JOINT FOR ROTATION CONDITION

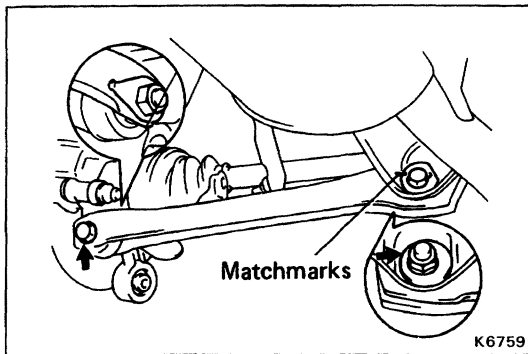
(a) Flip the ball joint stud back and forth 5 times, before installing the nut.

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

Torque (turning): 8.5 - 35 kg-cm

(7.4 - 30 in.-lb, 0.8 - 3.4 N-m)

If not within specification, replace the No. 1 suspension arm.



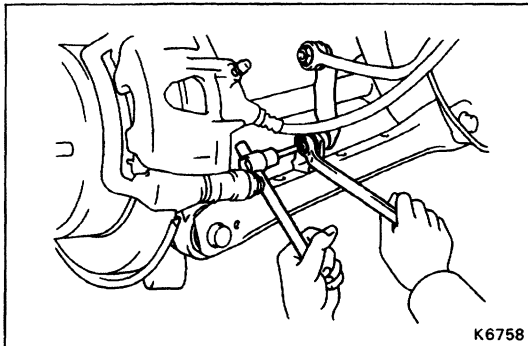
INSTALLATION OF LOWER SUSPENSION ARMS AND STRUT ROD

1. INSTALL NO.2 LOWER SUSPENSION ARM

- (a) Place the No.2 lower suspension arm in position.
- (b) Temporarily install the bolt and nut, connect the No. 2 lower suspension arm to the axle carrier.
- (e) Temporarily install the adjusting cam.
- (d) Align matchmarks on the adjusting cam and body.

- (e) Connect the stabilizer bar link to the No. 2 lower suspension arm.

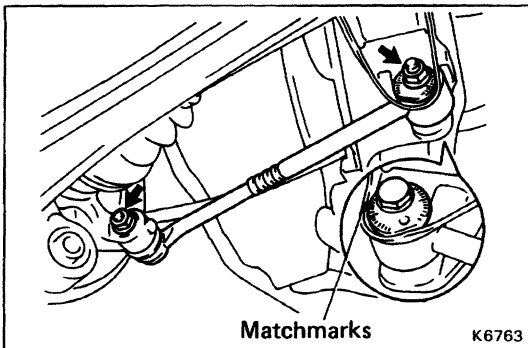
Torque: 590 kg-cm (43 ft-lb, 58 N-m)



2. INSTALL NO. 1 LOWER SUSPENSION ARM

- (a) Place the No. 1 lower suspension arm in position.
- (b) Install a new nut to the suspension arm ball joint, and torque it.
- (c) Temporarily install the adjusting cam.
- (d) Align matchmarks on the adjusting cam and body.

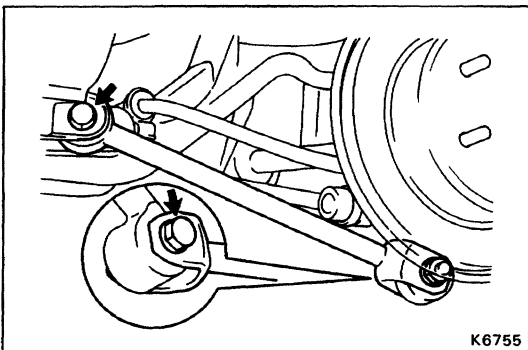
Torque: 500 kg-cm (36 ft-lb, 49 N-m)



3. INSTALL STRUT ROD

- (a) Temporarily install the strut rod to the axle carrier.
- (b) Using a jack, raise the axle carrier.
- (c) Temporarily install the strut rod.

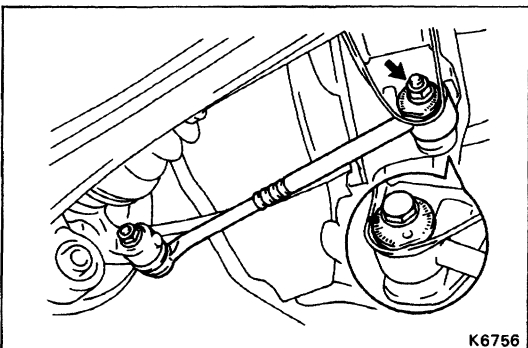
4. INSTALL REAR WHEEL

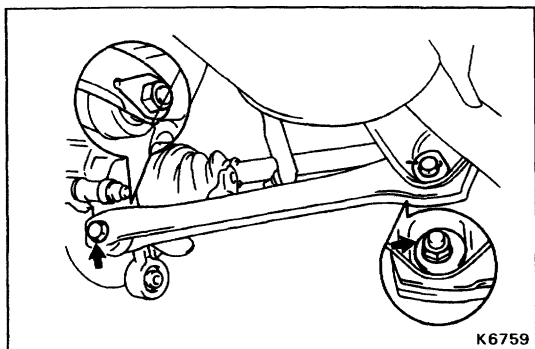


5. TORQUE BOLTS AND NUT

- (a) Remove the stands and bounce the vehicle up and down to stabilize the suspension.
- (b) Torque the nut of No.1 lower suspension arm.

Torque: 1,850 kg-cm (134 ft-lb, 181 N-m)





(c) Torque the bolt and nut of the No. 2 lower suspension arm.

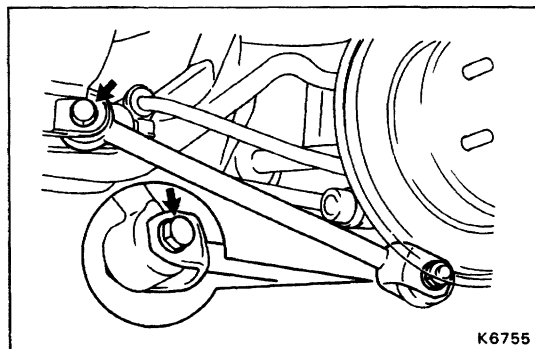
Torque:

Bolt (axle carrier side)

1,650 kg-cm 0 19 ft-lb, 162 N-m)

Nut (body side)

1,850 kg-cm 0 34 ft-lb, 181 N-m)



(d) Torque the bolts of the strut rod.

Torque: 1,450 kg-cm (105 ft-lb, 142 N-m)

6. CHECK WHEEL ALIGNMENT

(See page [SA-3](#))