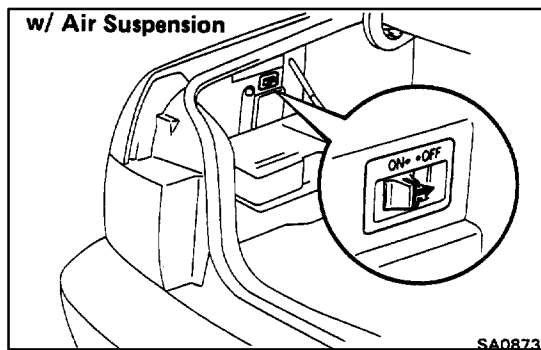
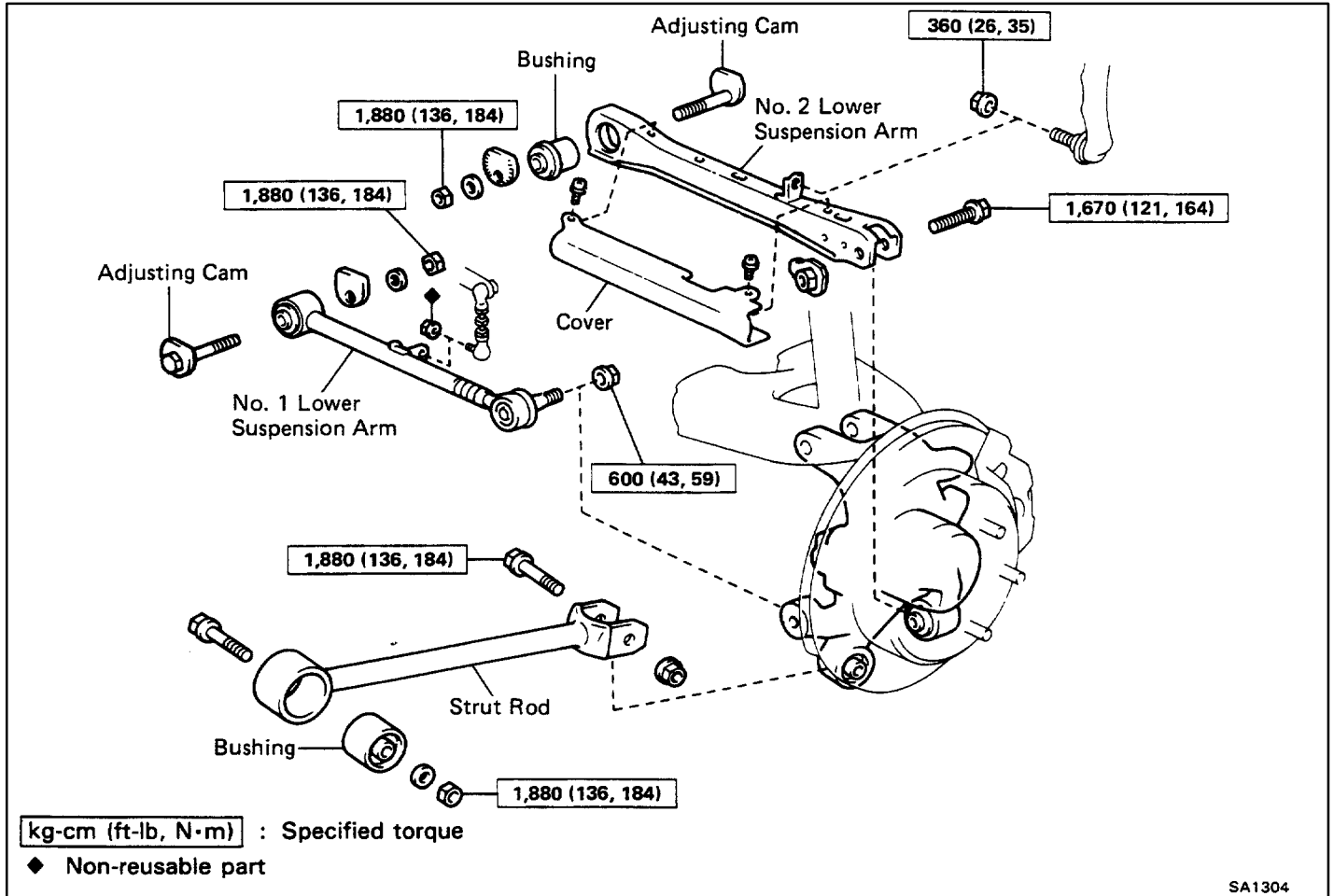
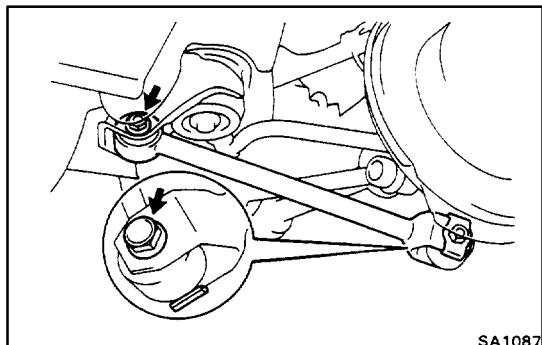


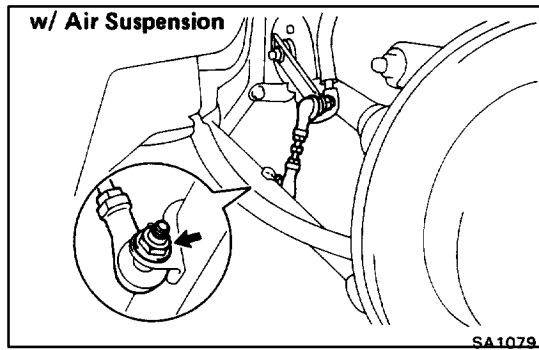
Lower Suspension Arm and Strut Rod COMPONENTS



REMOVAL OF LOWER SUSPENSION ARMS AND STRUT ROD

1. (w/ AIR SUSPENSION)
 MOVE HEIGHT CONTROL ON/OFF SWITCH IN LUG-
 GAGE COMPARTMENT TO "OFF"
2. JACK UP VEHICLE, REMOVE REAR WHEEL
3. REMOVE STRUT ROD
 - (a) Disconnect the strut rod from rear axle carrier.
 - (b) Remove the strut rod.

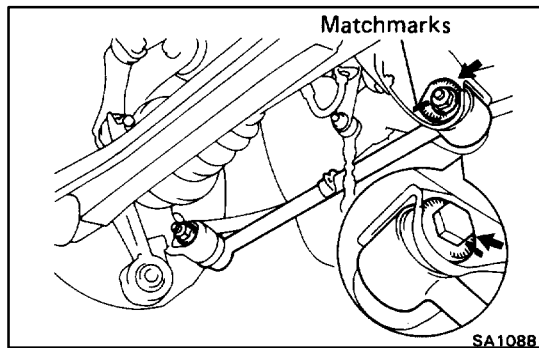




4. REMOVE NO. 1 LOWER SUSPENSION ARM

(a) (w/ Air suspension)

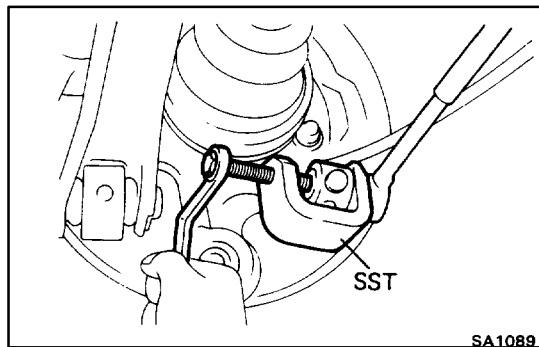
Disconnect the height control sensor link from No. 1 lower suspension arm.



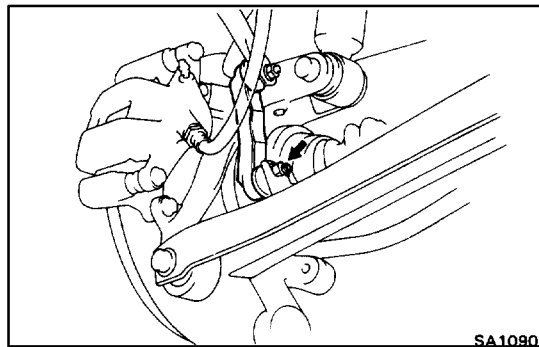
(b) Place matchmarks on the adjusting cam and body.

(c) Remove the adjusting cam.

(d) Remove the nut on axle carrier side of No. 1 lower suspension arm.

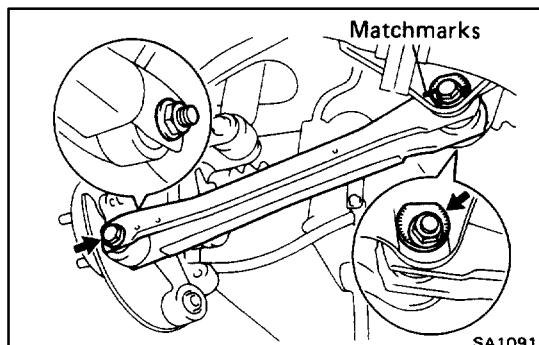


(e) Using SST, remove the No. 1 lower suspension arm.
SST 09628-10011



5. REMOVE NO. 2 LOWER SUSPENSION ARM

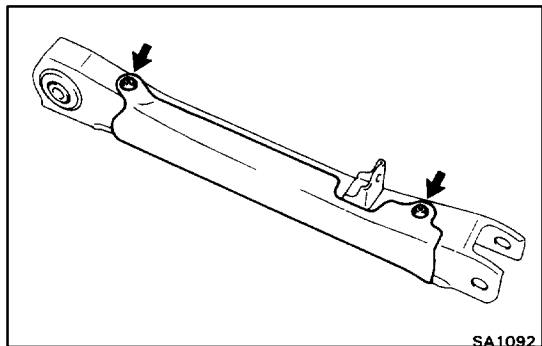
(a) Disconnect the stabilizer bar link from the No. 2 lower suspension arm.



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

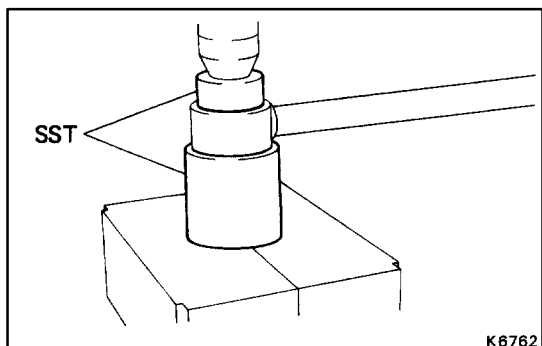
(c) Remove the adjusting cam.

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



SA1092

(e) Remove the arm cover.



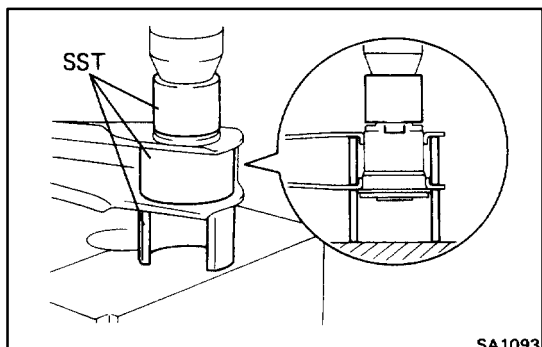
K6762

REPLACEMENT OF STRUT ROD BUSHING

REPLACE STRUT ROD BUSHING

Using SST, replace the strut rod bushing.

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



SA1093

REPLACEMENT OF NO. 2 LOWER SUSPENSION ARM BUSHING

1. REMOVE NO. 2 LOWER SUSPENSION ARM BUSHING

Using SST, remove the bushing.

SST 09710-28020 (09710-08020)

09710-30020 (09710-03080)

09710-50010

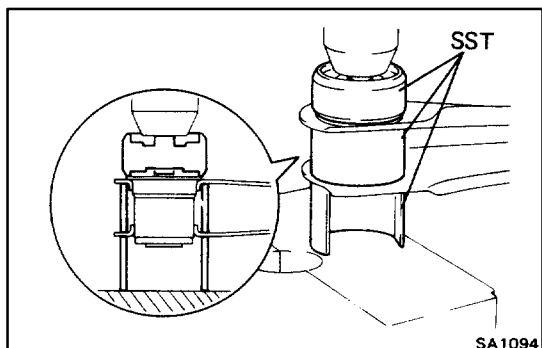
2. INSTALL NO. 2 LOWER SUSPENSION ARM BUSHING

Using SST, install a new bushing.

SST 09710-22041 (09710-02060)

09710-30020 (09710-03080)

09710-50010



SA1094

INSPECTION OF NO. 1 LOWER SUSPENSION ARM BALL JOINT

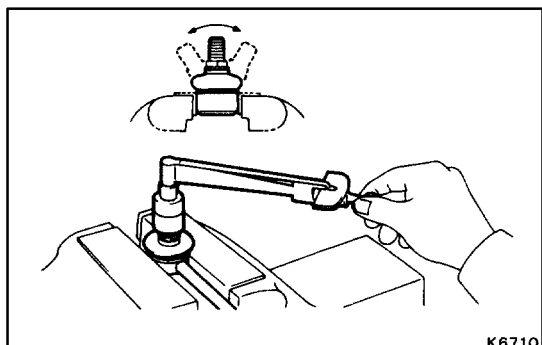
INSPECT BALL JOINT FOR ROTATION CONDITION

- Flip the ball joint stud back and forth 5 times, before installing the nut.
- Using a torque gauge, turn the nut continuously one turn each 2-4 seconds and take the torque reading on the fifth turn.

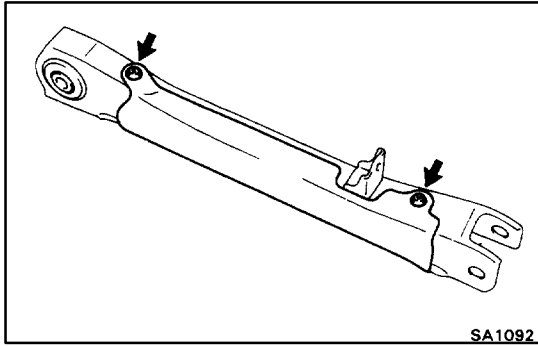
Torque: 8.5-35 kg-cm

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

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



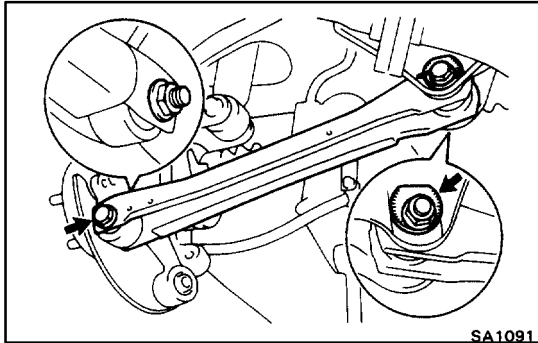
K6710



INSTALLATION OF LOWER SUSPENSION ARMS AND STRUT ROD

1. INSTALL NO. 2 LOWER SUSPENSION ARM

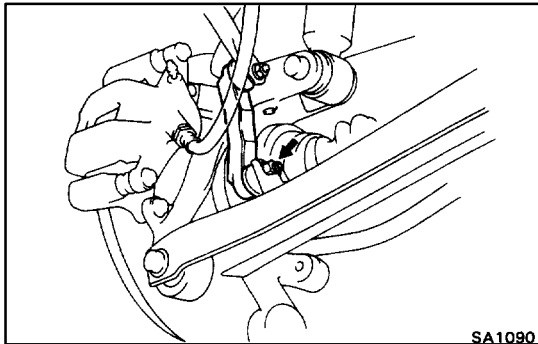
- (a) Install the arm cover.



- (b) Place the No. 2 lower suspension arm in position.
 (c) Install the bolt and nut, connect the No. 2 lower suspension arm to the axle carrier.

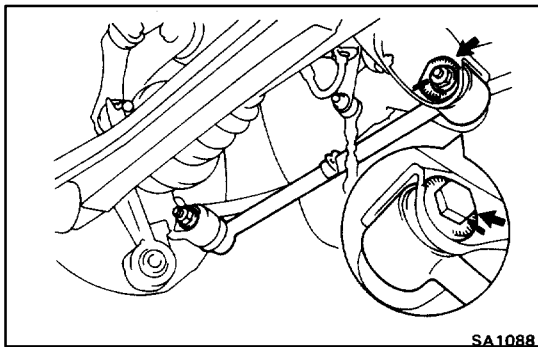
Torque: 1,670 kg-cm (121 ft-lb, 164 N-m)

- (d) Temporarily install the adjusting cam.
 (e) Align matchmarks on the adjusting cam and body.



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

Torque: 360 kg-cm (26 ft-lb, 35 N-m)

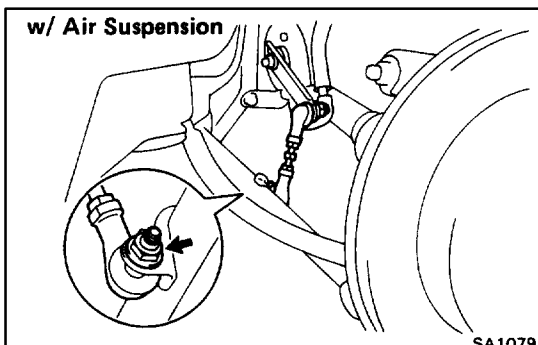


2. INSTALL NO. 1 LOWER SUSPENSION ARM

- (a) Place the No. 1 lower suspension arm in position.
 (b) Install a new nut to the suspension arm ball joint, and torque it.

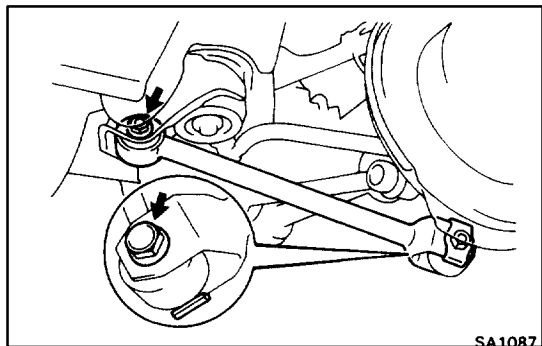
Torque: 600 kg-cm (43 ft-lb, 59 N-m)

- (c) Temporarily install the adjusting cam.
 (d) Align matchmarks on the adjusting cam and body.



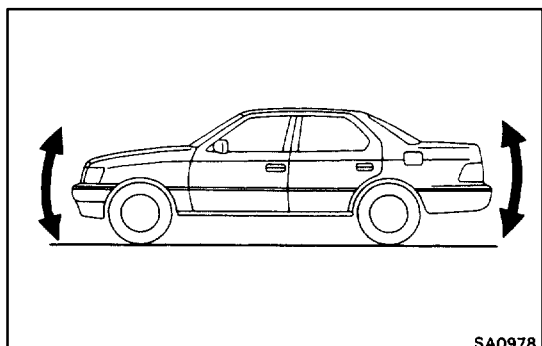
- (e) (w/ Air suspension)
 Connect the height control sensor link to the No. 1 lower suspension arm with a new nut.

Torque: 55 kg-cm (48 in.-lb, 5 N-m)



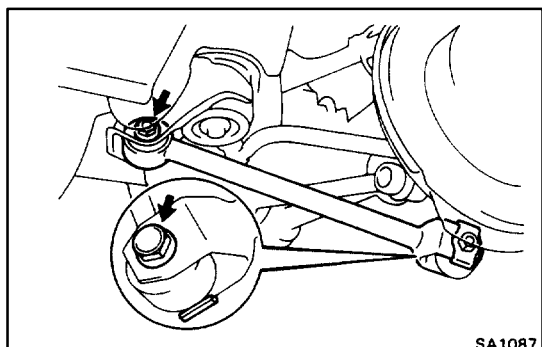
3. INSTALL STRUT ROD

- Temporarily install the strut rod to the axle carrier.
- Using a jack, raise the axle carrier.
- Temporarily install the strut rod.



4. STABILIZE SUSPENSION

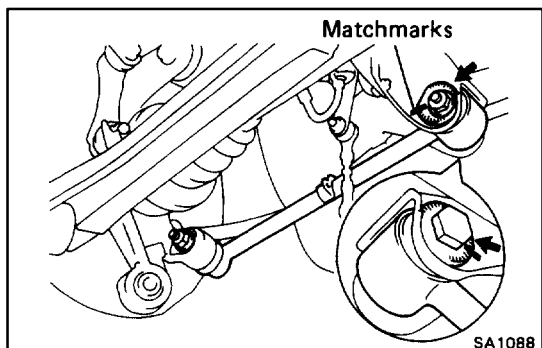
- Install the rear wheel and jack down the vehicle.
- (w/ Air suspension)
Move the height control ON/OFF switch to "ON".
- Bounce the vehicle up and down several times to stabilize the suspension.



5. TORQUE BOLT AND NUTS

- Jack up the vehicle and remove the rear wheel.
- Support the rear axle carrier with jack.
- Torque the bolt and nut of the strut rod.

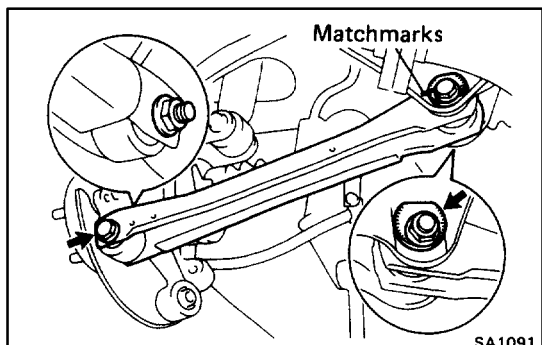
Torque: 1,880 kg-cm (136 ft-lb, 184 N-m)



- Torque the nut on the body side of the No. 1 lower suspension arm.

Torque: 1,880 kg-cm (136 ft-lb, 184 N-m)

HINT: Align the matchmarks on the adjusting cam and body.



- Torque the nut on the body side of the No. 2 lower suspension arm.

Torque: 1,880 kg-cm (136 ft-lb, 184 N-m)

HINT: Align the matchmarks on the adjusting cam and body.

6. INSTALL REAR WHEEL AND LOWER VEHICLE

Torque: 1,050 kg-cm (76 ft-lb, 103 N-m)

7. CHECK REAR WHEEL ALIGNMENT

(See page [SA-5](#))