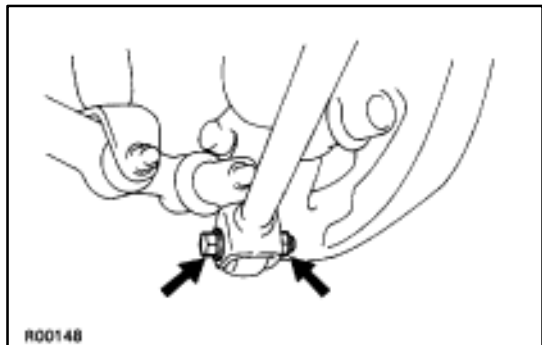
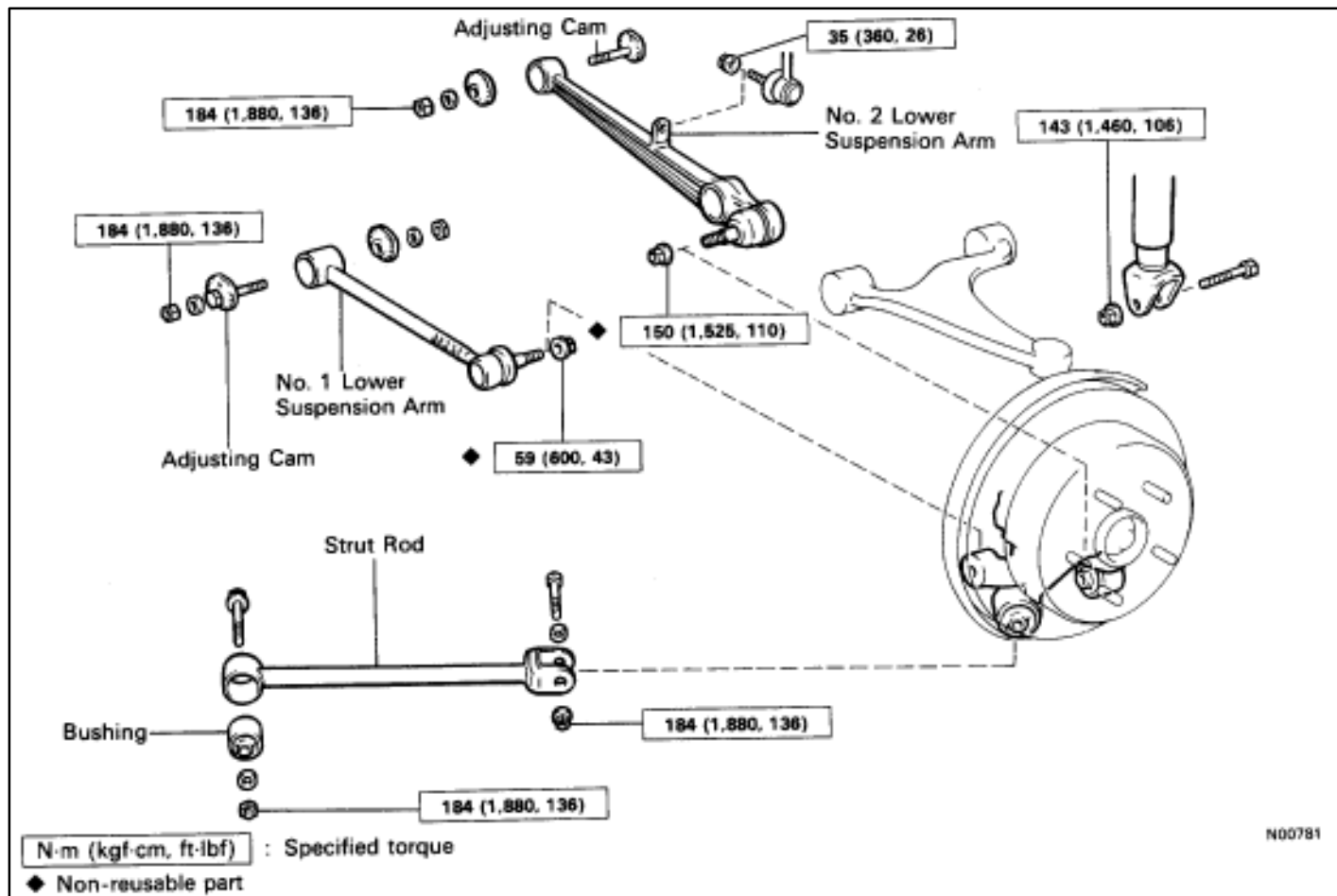
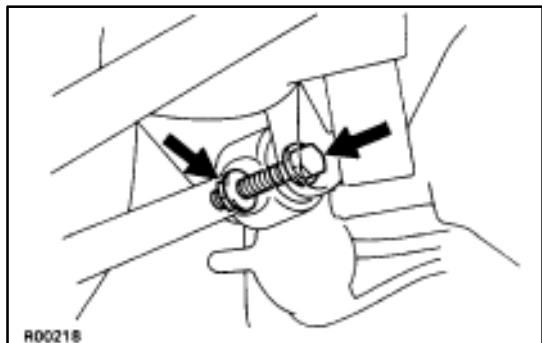


Lower Suspension Arm and Strut Rod COMPONENTS

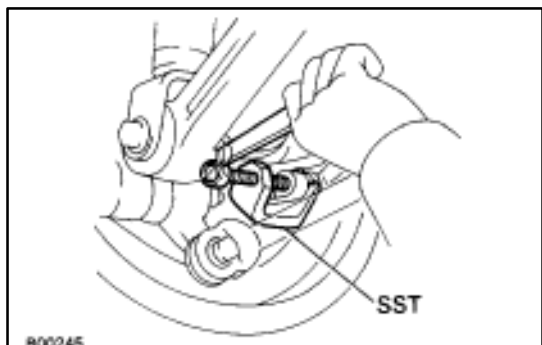


REMOVAL OF LOWER SUSPENSION ARMS AND STRUT ROD

1. JACK UP VEHICLE AND REMOVE REAR WHEEL
2. REMOVE STRUT ROD
 - (a) Remove the bolt and nut, disconnect the strut rod from the rear axle carrier.



- (b) Remove the bolt and nut and the strut rod.

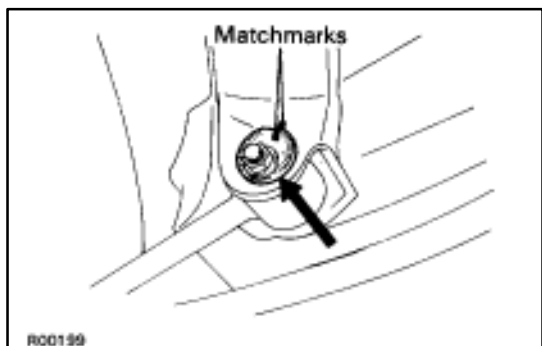


3. REMOVE NO.1 LOWER SUSPENSION ARM

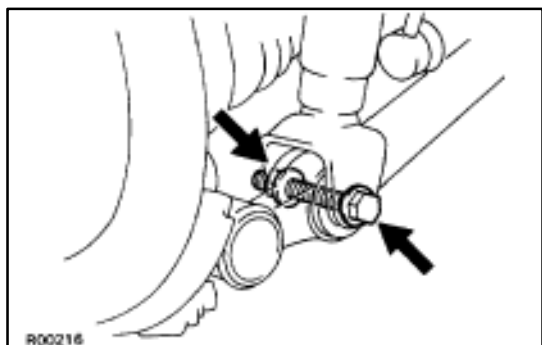
- (a) Remove the nut.
- (b) Using SST, disconnect the lower suspension arm from the axle carrier.

SST 09628-10011

NOTICE: Be careful not to damage the dust boot.

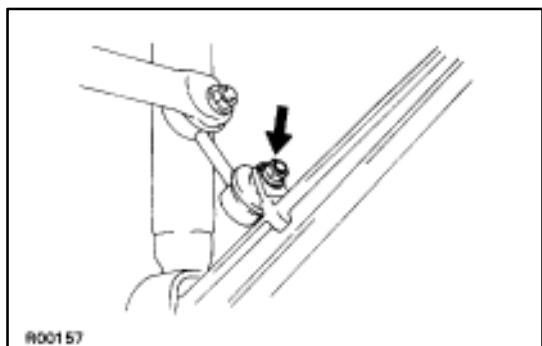


- (c) Place matchmarks on the adjusting cam and body.
- (d) Remove the adjusting cam and nut.
- (e) Remove the lower suspension arm.

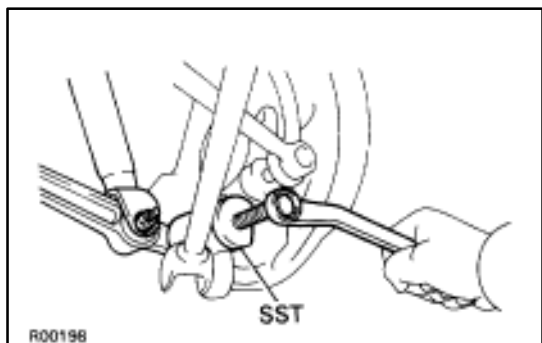


4. REMOVE NO.2 LOWER SUSPENSION ARM

- (a) Remove the bolt and nut, disconnect the shock absorber.



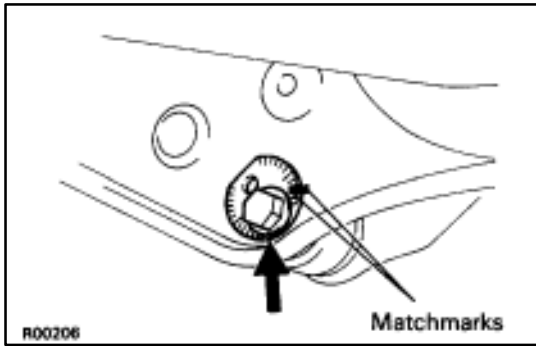
- (b) Remove the nut and disconnect the stabilizer bar link.



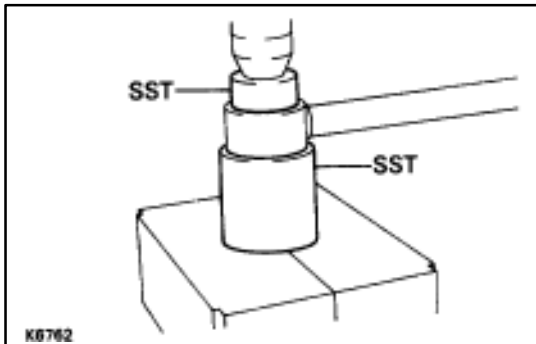
- (c) Remove the nut.
- (d) Using SST, disconnect the lower suspension arm from the axle carrier.

SST 09610-20012

NOTICE: Be careful not to damage the dust cover.



- (e) Place matchmarks on the adjusting cam and body.
- (f) Remove adjusting cam and nut and the lower suspension arm.

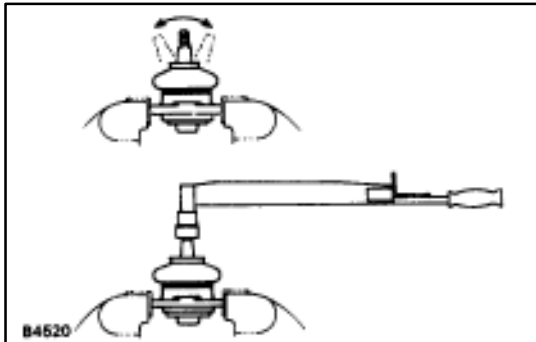


REPLACEMENT OF STRUT ROD BUSHING

REPLACE STRUT ROD BUSHING

Using SST, replace the strut rod bushing.

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



INSPECTION OF NO.1 AND NO.2 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:

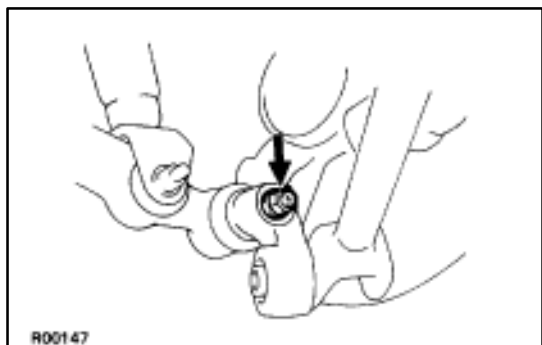
No.1 lower suspension arm 1.0-3.4 N·m

(10-35 kgf·cm, 9-30 in.-lbf)

No.2 lower suspension arm 1.0-3.4 N·m

(10-35 kgf·cm, 9-30 in.-lbf)

If not within specification, replace the No.1 or No.2 suspension arm.

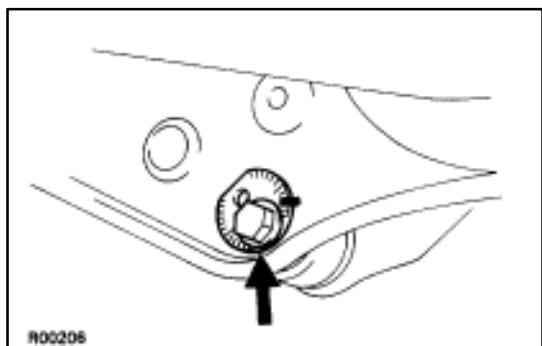


INSTALLATION OF LOWER SUSPENSION ARMS AND STRUT ROD

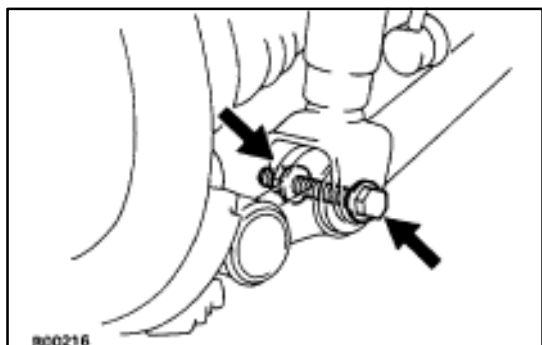
1. INSTALL NO.2 LOWER SUSPENSION ARM

- (a) Install the lower suspension arm to the carrier with a new nut.

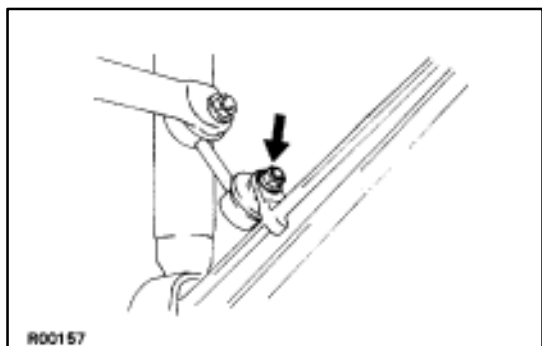
Torque: 150 N·m (1,525 kgf·cm, 110 ft·lbf)



- (b) Connect the lower suspension arm to the body.
 (c) Temporarily install the adjusting cam and nut.
 (d) Align matchmarks on the adjusting cam and body.

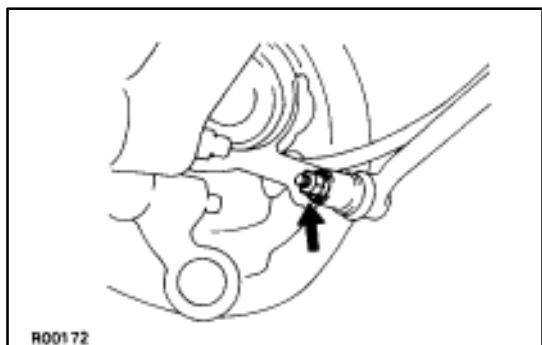


- (e) Temporarily connect the shock absorber to the lower arm with the bolt and nut.



- (f) Connect the stabilizer bar link to the lower suspension arm with the nut.

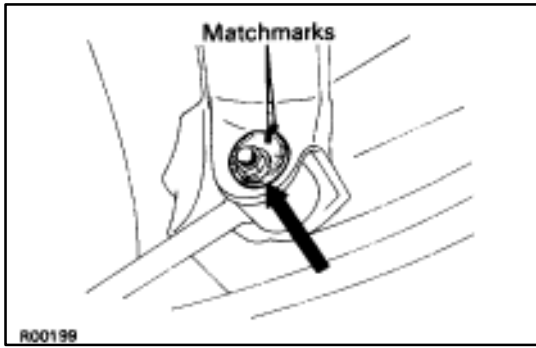
Torque: 35 N·m (360 kgf·cm, 26 ft·lbf)



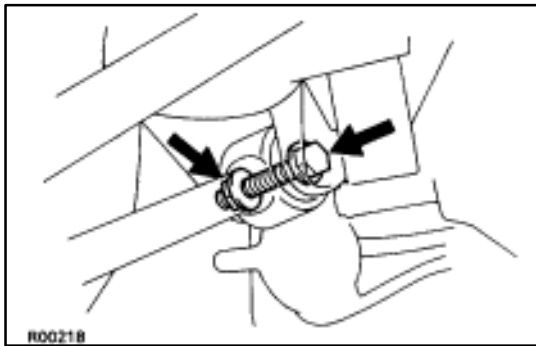
2. INSTALL NO.1 LOWER SUSPENSION ARM

- (a) Install the lower suspension arm to the axle carrier with a new nut.

Torque: 59 N·m (600 kgf·cm, 43 ft·lbf)

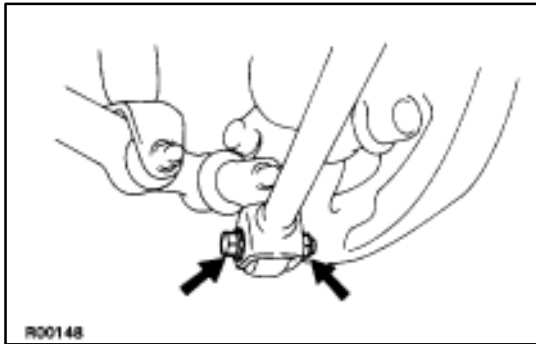


- (b) Connect the lower suspension arm to the body.
- (c) Temporarily install the adjusting cam and nut.
- (d) Align the matchmarks on the adjusting cam and body.

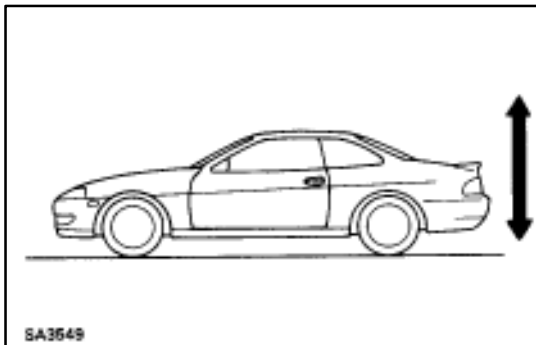


3. INSTALL STRUT ROD

- (a) Temporarily install the strut rod to the body with the bolt and nut.

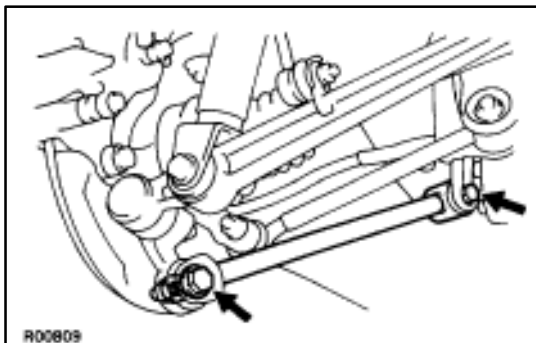


- (b) Temporarily connect the strut rod to the axle carrier with the bolt and nut.



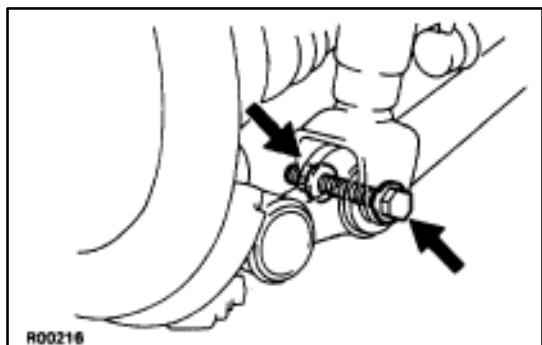
4. STABILIZE SUSPENSION

- (a) Install the rear wheel and lower vehicle.
- (b) Bounce the vehicle up and down several times to stabilize the suspension.
- (c) Jack up the vehicle and remove rear wheel.



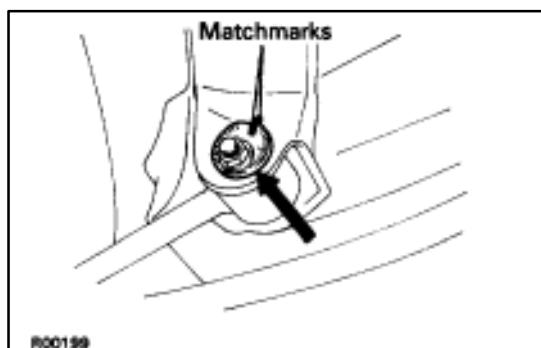
5. TORQUE BOLTS AND NUTS

- (a) Support the rear axle carrier with a jack.
 - (b) Torque the bolts and nuts of the strut rod.
- Torque: 184 N·m (1,880 kgf·cm, 136 ft·lbf)**



(c) Torque the nut.

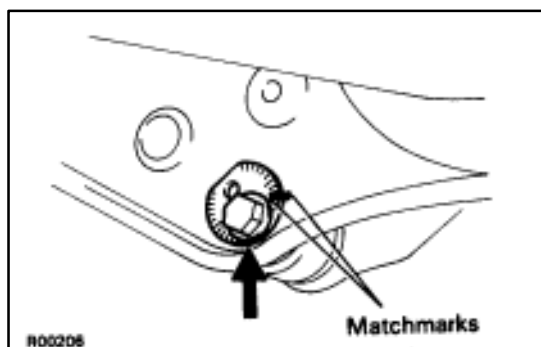
Torque: 143 N·m (1,460 kgf·cm, 106 ft·lbf)



(d) Torque the nut on the body side of the No.1 lower suspension arm.

Torque: 184 N·m (1,880 kgf·cm, 136 ft·lbf)

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



(e) Torque the nut on the body side of the No.2 lower suspension arm.

Torque: 184 N·m (1,880 kgf·cm, 136 ft·lbf)

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

6. INSTALL REAR WHEEL AND LOWER VEHICLE

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

7. CHECK REAR WHEEL ALIGNMENT

(See page [SA-7](#))