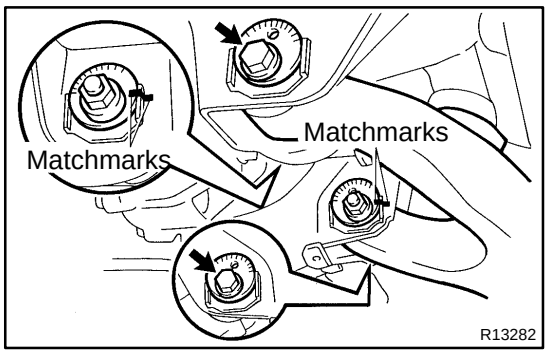
SA1KK−03



INSTALLATION

1. INSTALL LOWER SUSPENSION ARM TO CHASSIS FRAME

Install the lower suspension arm with the 2 cams, bolts and cam plates while slightly shifting the power steering gear rearward.

Torque: 130 N·m (1,325 kgf·cm, 96 ft·lbf)

NOTICE:

Do not damage the power steering gear tubes.

HINT:

After stabilizing the suspension, align the matchmarks on the front and rear cam plates and chassis frame, and torque the bolts.

2. CONNECT LOWER BALL JOINT TO LOWER SUSPENSION ARM

Connect the lower ball joint and install the nut and a new cotter pin.

Torque: 140 N·m (1,450 kgf·cm, 103 ft·lbf)

If the holes for the cotter pin are not aligned, tighten the nut further up to 60°.

3. CONNECT SHOCK ABSORBER TO LOWER SUSPENSION ARM

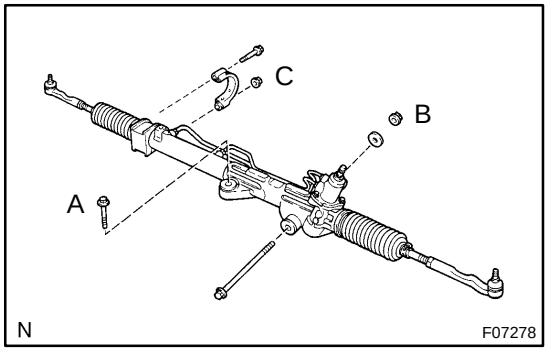
Torque: 135 N·m (1,400 kgf·cm, 100 ft·lbf)

4. CONNECT STABILIZER BAR LINK TO LOWER SUSPENSION ARM

Torque: 69 N·m (700 kgf·cm, 51 ft·lbf)

HINT:

If the ball joint turns together with the nut, use a hexagon (6 mm) wrench to hold the stud.



5. INSTALL POWER STEERING GEAR

Torque:

A bolt: 165 N·m (1,700 kgf·cm, 122 ft·lbf)

B nut: 130 N·m (1,350 kgf·cm, 96 ft·lbf)

C bolt and nut: 165 N·m (1,700 kgf·cm, 122 ft·lbf)

6. CONNECT RH AND LH TIE ROD ENDS

Connect the RH and LH tie rod ends to the lower ball joints with the nuts and new cotter pins.

Torque: 91 N·m (930 kgf·cm, 67 ft·lbf)

If the holes for the cotter pin are not aligned, tighten the nut further up to 60°.

7. INSTALL RH AND LH FRONT WHEELS

Torque: 110 N·m (1,150 kgf·cm, 83 ft·lbf)

8. CHECK FRONT WHEEL ALIGNMENT (See page SA−5)