SA20O-03

# INSTALLATION

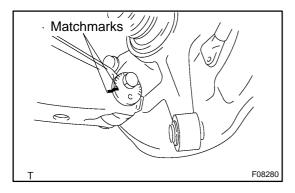
## 1. INSTALL NO. 2 LOWER SUSPENSION ARM

(a) Install the No. 2 lower suspension arm to the rear suspension member with bolt, washer and nut.

Torque: 110 N·m (1,120 kgf·cm, 81 ft·lbf)

HINT:

After stabilizing the suspension, torque the nut.



(b) Connect the No. 2 lower suspension arm to the axle carrier with the cam bolt, cam plate and nut.

Torque: 110 N·m (1,120 kgf·cm, 81 ft·lbf)

#### HINT:

After stabilizing the suspension, align the matchmarks on the cam bolt and No. 2 lower suspension arm, and torque the nut.

(c) Connect the shock absorber to the No. 2 lower suspension arm with the bolt and nut.

Torque: 110 N·m (1,120 kgf·cm, 81 ft-lbf)

#### HINT:

After stabilizing the suspension, torque the nut.

(d) Connect the stabilizer bar link to the No. 2 lower suspension arm with the bracket, bolt and nut.

Torque: 30 N-m (305 kgf-cm, 22 ft-lbf)

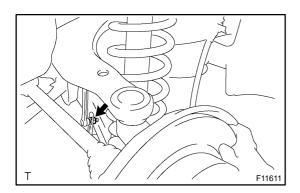
2. INSTALL NO. 1 LOWER SUSPENSION ARM

Install the No. 1 lower suspension arm with the 2 bolts and nuts.

Torque: 75 N-m (765 kgf-cm, 55 ft-lbf)

HINT:

After stabilizing the suspension, torque the bolt.



## 3. CONNECT HEIGHT CONTROL SENSOR LINK

- (a) Set the lower arm to the vehicle height.
- (b) Install the sensor link to the lower arm bracket with a nut.

Torque: 5.4 N·m (55 kgf·cm, 48 in.-lbf)

## NOTICE:

- Be careful not to brake the link fixing pin until the above operation is completed.
- The pin can be broken after completion of the above, however, the sensor arm rotation angle shall not exceed the range of  $\pm$  70° from the standard vehicle height.
- 4. INSTALL REAR FENDER APRON SEAL
- 5. INSTALL REAR WHEEL

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

- 6. CHECK REAR WHEEL ALIGNMENT (See page \$A-9)
- CHECK ABS SPEED SENSOR SIGNAL w/ VSC (See page DI-507) w/o VSC (See page DI-437)

2005 LEXUS IS300 (RM1140U)

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