

INSTALLATION

1. INSTALL FRONT SHOCK ABSORBER WITH COIL SPRING

(a) SEDAN:

Install the No. 3 front spring reinforcement to the shock absorber.

(b) Install the shock absorber to the body with the 3 nuts.

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

(c) Connect the shock absorber to the shock absorber bracket with the bolt and nut.

Torque: 64 N·m (650 kgf-cm, 47 ft-lbf)

HINT:

After stabilizing the suspension, torque the nut.

(d) Torque the nut in the center of the suspension support.

Torque: 34 N·m (350 kgf-cm, 25 ft-lbf)

HINT:

If the shock absorber has not been disassembled, it is not necessary to torque the nut.

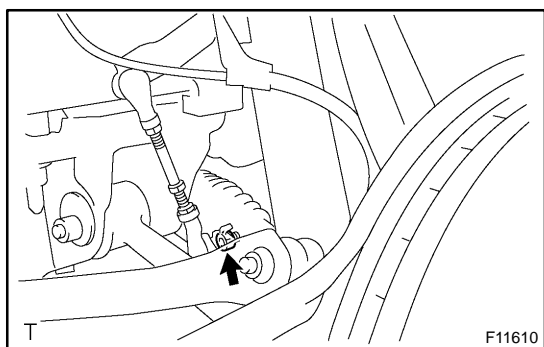
(e) Install the cap to the suspension support.

2. CONNECT STABILIZER BAR LINK TO STABILIZER BAR

Torque: 49 N·m (500 kgf-cm, 36 ft-lbf)

HINT:

If the ball joint turns together with the nut, use a 5 mm hexagon wrench to hold the stud.



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 $\pm 70^\circ$ from the standard vehicle height.

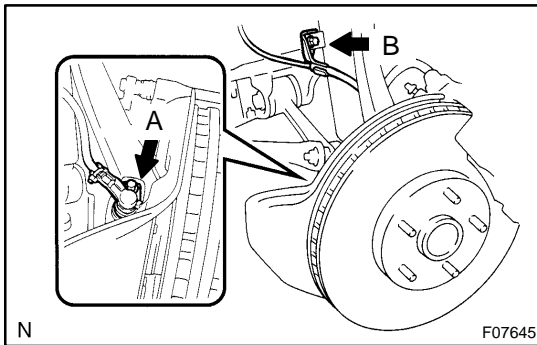
4. CONNECT UPPER SUSPENSION ARM TO STEERING KNUCKLE

(a) Connect the upper suspension arm with the nut.

Torque: 65 N·m (660 kgf-cm, 50 ft-lbf)

(b) Install a new clip.

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



5. CONNECT ABS SPEED SENSOR AND WIRE HARNESS CLAMP

Torque:

Bolt A: 8.0 N·m (82 kgf·cm, 71 in.-lbf)

Bolt B: 5.0 N·m (51 kgf·cm, 44 in.-lbf)

6. INSTALL IGNITER

- (a) Install the bolt, nut and igniter.
- (b) Connect the connector.

7. INSTALL FRONT WHEEL

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

8. CHECK FRONT WHEEL ALIGNMENT

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

9. CHECK ABS SPEED SENSOR SIGNAL

w/ VSC (See page [DI-507](#))

w/o VSC (See page [DI-437](#))