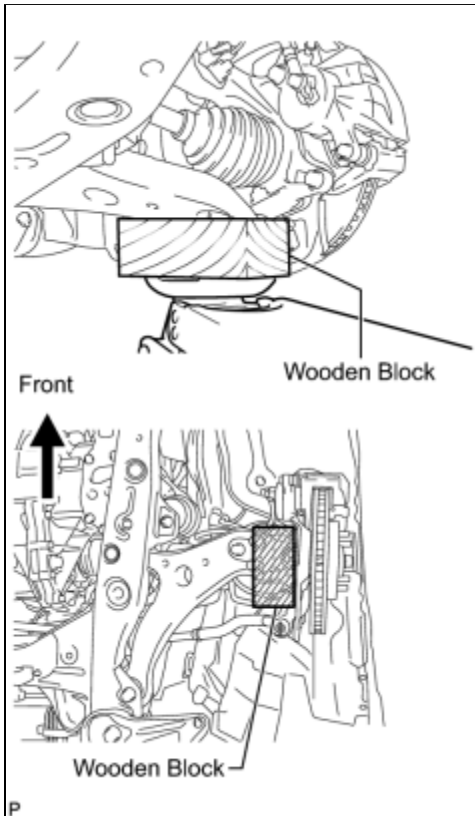


Last Modified: 7-13-2007		1.6 A
Service Category: Suspension	Section: Front Suspension	
Model Year: 2008	Model: ES350	Doc ID: RM0000011DC00VX
Title: SUSPENSION: FRONT SHOCK ABSORBER: INSTALLATION (2008 ES350)		

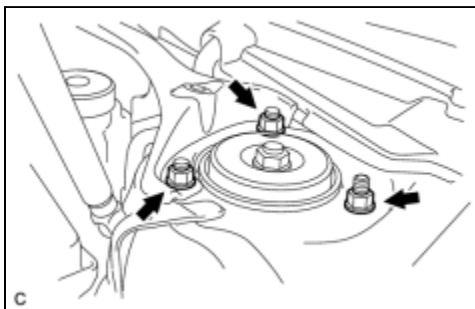
INSTALLATION

1. INSTALL FRONT SHOCK ABSORBER WITH COIL SPRING

- (a) Install the front shock absorber with coil spring to the front axle assembly and insert the 2 bolts from the front side of the vehicle.



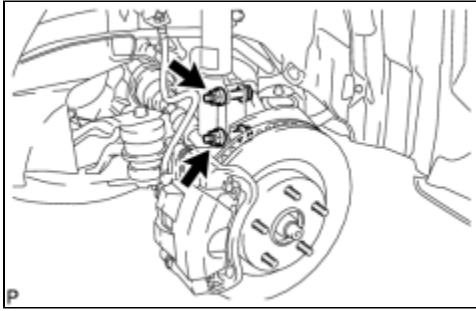
- (b) Slowly jack up the vehicle using a wooden block and install the front shock absorber with coil spring (upper side) to the vehicle.



- (c) Install the 3 nuts to the upper side of the front shock absorber with coil spring.

Torque: 85 N·m (867 kgf·cm, 63 ft·lbf)

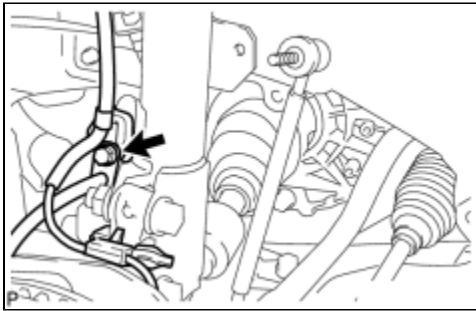
- (d) Install the 2 nuts to the lower side of the front shock absorber with coil spring.



Torque: 210 N·m (2,140 kgf·cm, 155 ft·lbf)

NOTICE:

When installing the nuts, keep the bolts from rotating.

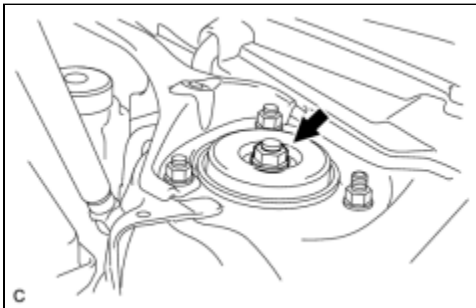


(e) Install the front flexible hose and front speed sensor wire harness with the bolt.

Torque: 19 N·m (194 kgf·cm, 14 ft·lbf)

NOTICE:

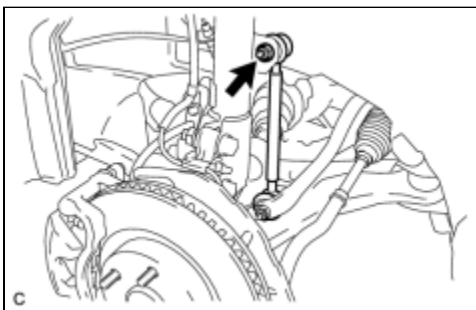
Do not twist the front speed sensor wire harness when installing it.



(f) Fully tighten the lock nut.

Torque: 70 N·m (714 kgf·cm, 52 ft·lbf)

2. INSTALL FRONT STABILIZER LINK ASSEMBLY



(a) Install the front stabilizer link assembly with the nut.

Torque: 74 N·m (755 kgf·cm, 55 ft·lbf)

HINT:

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

3. INSTALL FRONT WHEEL

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

4. INSTALL V-BANK COVER SUB-ASSEMBLY

INFO

5. INSTALL ENGINE ROOM SIDE COVER LH

INFO

6. INSTALL ENGINE ROOM SIDE COVER RH 

7. INSPECT AND ADJUST FRONT WHEEL ALIGNMENT

