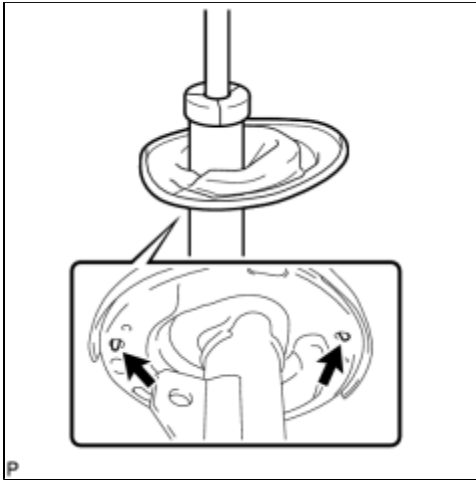


Last Modified: 7-13-2007		1.6 A
Service Category: Suspension	Section: Front Suspension	
Model Year: 2008	Model: ES350	Doc ID: RM0000011DH00NX
Title: SUSPENSION: FRONT SHOCK ABSORBER: REASSEMBLY (2008 ES350)		

REASSEMBLY

1. INSTALL FRONT SHOCK ABSORBER

- (a) Install the front spring bumper to the piston rod.

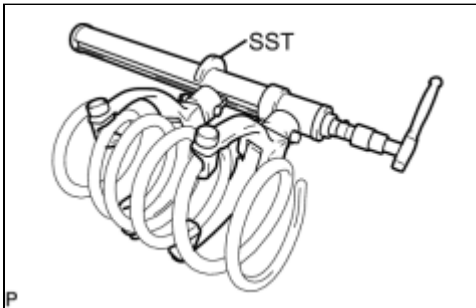


- (b) Install the front coil spring lower insulator onto the front shock absorber.

NOTICE:

Align the 2 protrusions of the front coil spring lower insulator and the 2 holes in the front shock absorber.

- (c) Using SST, compress the front coil spring.



SST: 09727-30021

09727-00010

09727-00021

09727-00031

NOTICE:

Do not use an impact wrench.

HINT:

If the front coil spring is compressed at an angle, using 2 SST will make the work easier.

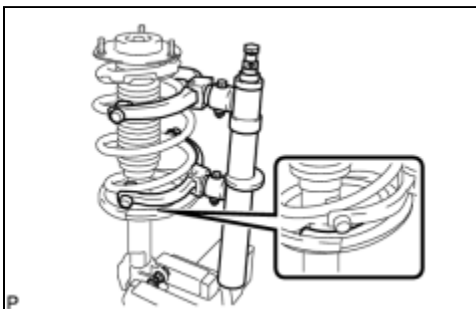
- (d) Install the front coil spring to the front shock absorber.

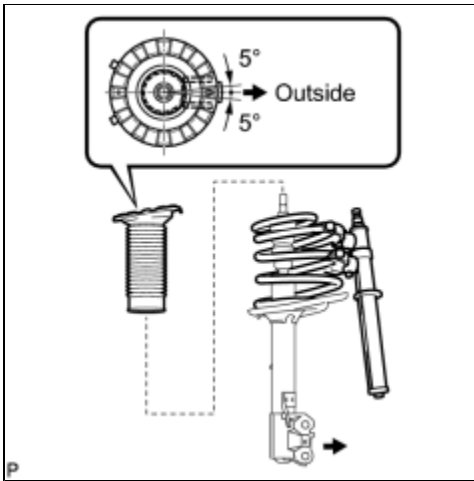
NOTICE:

The smaller diameter end of the front coil spring must face upward.

HINT:

Fit the lower end of the front coil spring into the gap of the insulator.

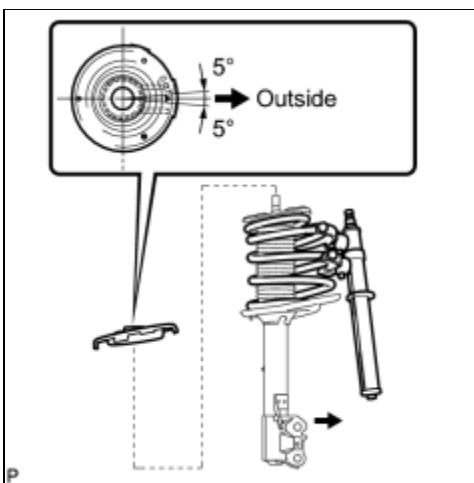




(e) Install the front coil spring upper insulator as shown in the illustration.

HINT:

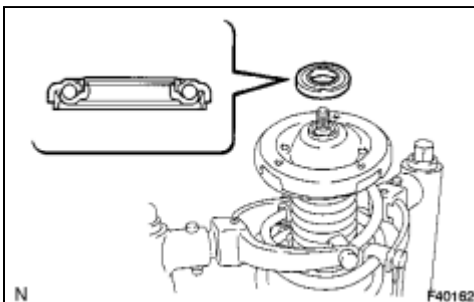
Any misalignment between the front shock absorber lower bracket and the matchmark must be $+5^\circ$.



(f) Install the front coil spring upper seat with the mark facing to the outside of the vehicle.

HINT:

Any misalignment between the front shock absorber lower bracket and the matchmark must be $+5^\circ$.



(g) Install a new front suspension support bearing as shown in the illustration.

HINT:

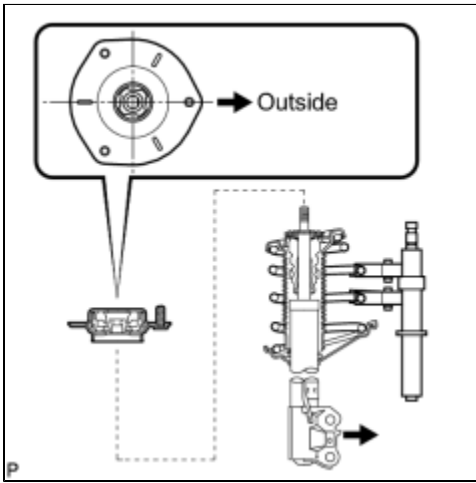
If there is foreign matter inside the front suspension support bearing, replace it with a new one.

(h) Install the front suspension support sub-assembly.

Temporarily tighten a new lock nut.

NOTICE:

Check that the flats on the piston rod and the flats on the front suspension support sub-assembly are aligned.



(i) Remove the SST slowly in order to release the coil spring.

NOTICE:

Do not use an impact wrench.

HINT:

Any misalignment between the front shock absorber lower bracket and the arrows must be $+5^\circ$.

