

- (b) While holding the shock absorber rod, remove the nut.

NOTICE:

Do not use an impact wrench. It will damage the shock absorber rod.

2. REMOVE FRONT SHOCK ABSORBER CUSHION RETAINER
3. REMOVE FRONT SHOCK ABSORBER CUSHION NO. 1
4. REMOVE FRONT SUSPENSION SUPPORT SUB-ASSEMBLY
5. REMOVE FRONT COIL SPRING INSULATOR UPPER
6. REMOVE FRONT SHOCK ABSORBER CUSHION RETAINER
7. REMOVE FRONT COIL SPRING

INSPECTION

1. INSPECT SHOCK ABSORBER ASSEMBLY FRONT

- (a) Compress and extend the shock absorber rod and check that there is no abnormal resistance or unusual sound during operation. If there is any abnormality, replace the shock absorber front with a new one.

NOTICE:

When disposing of the shock absorber front, see DISPOSAL on page [SP-18](#).

REASSEMBLY

1. INSTALL FRONT COIL SPRING

- (a) Using SST, compress the front coil spring LH.
SST 09727-30021 (09727-00010, 09727-00031), 09727-00060

NOTICE:

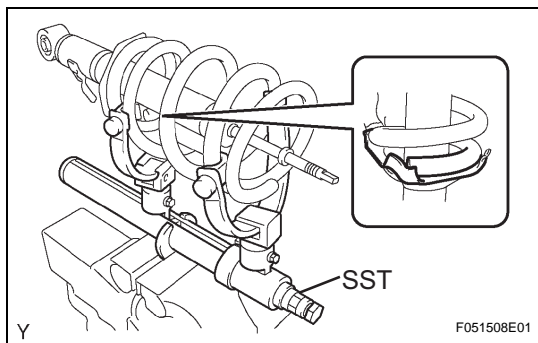
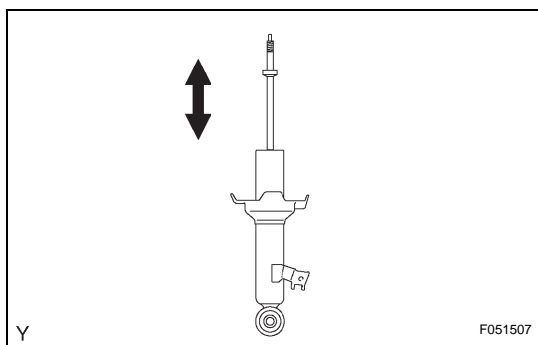
Do not use an impact wrench. It will damage SST.

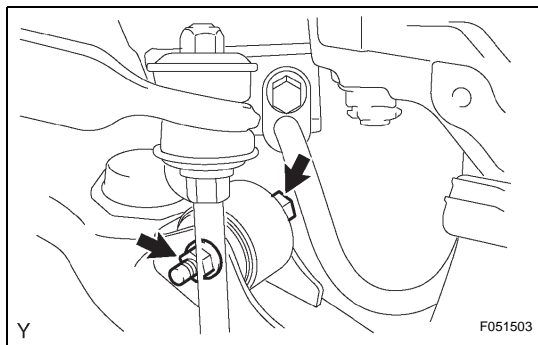
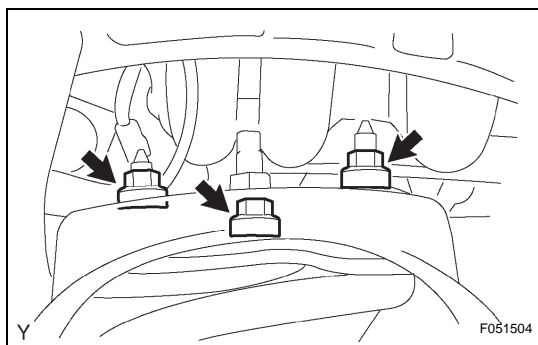
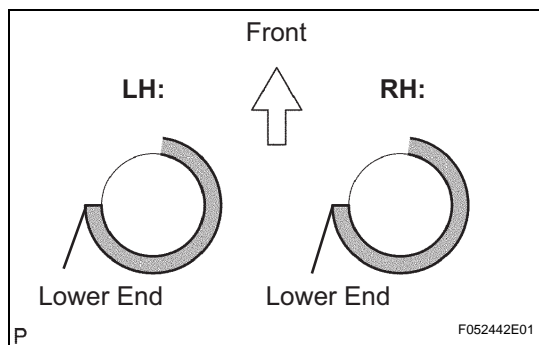
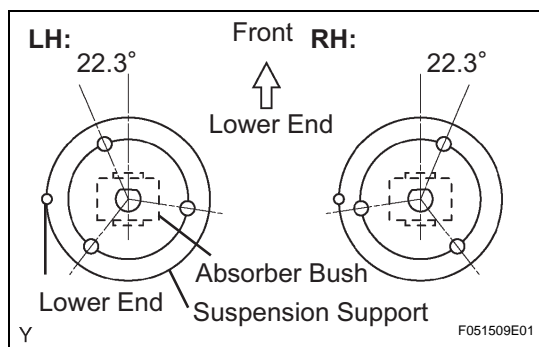
- (b) Install the front coil spring onto the shock absorber front.

HINT:

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

2. INSTALL FRONT SHOCK ABSORBER CUSHION RETAINER
3. INSTALL FRONT COIL SPRING INSULATOR UPPER
4. INSTALL FRONT SUSPENSION SUPPORT SUB-ASSEMBLY
5. INSTALL FRONT SHOCK ABSORBER CUSHION NO. 1
6. INSTALL FRONT SHOCK ABSORBER CUSHION RETAINER





7. INSTALL FRONT SUPPORT TO FRONT SHOCK ABSORBER NUT

- Align the suspension support and the absorber bush as shown in the illustration.
- Fit and tighten a new lock nut.

Torque: 27 N*m (275 kgf*cm, 20 ft.*lbf)

NOTICE:

Do not use an impact wrench. It will damage the shock absorber rod.

- Release the coil spring while checking the position of the suspension support.

INSTALLATION

1. TEMPORARILY TIGHTEN FRONT SHOCK ABSORBER WITH COIL SPRING

- LH Side:
 - Install the coil spring onto the body with the lower end of the coil spring facing the outer side of the vehicle.
- RH Side:
 - Install the coil spring onto the body with the lower end of the coil spring facing the inner side of the vehicle.
- Install the 3 nuts onto the upper side of the front shock absorber with coil spring.

Torque: 64 N*m (653 kgf*cm, 47 ft.*lbf)

SP

- Temporarily tighten the bolt, nut and washer as shown in the illustration.

2. TEMPORARILY TIGHTEN FRONT SUSPENSION UPPER ARM (See page [SP-28](#))

3. INSTALL FRONT FLEXIBLE HOSE (See page [SP-28](#))

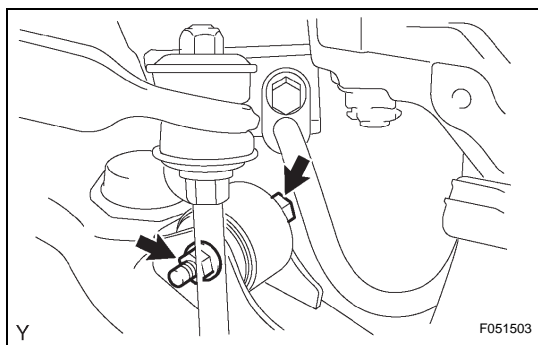
4. INSTALL SKID CONTROL SENSOR WIRE (See page [SP-28](#))

5. INSTALL FRONT WHEEL

Torque: 113 N*m (1,152 kgf*cm, 83 ft.*lbf)

6. STABILIZE SUSPENSION

- Jack down the vehicle.
- Bounce the vehicle up and down several times to stabilize the suspension.



7. FULLY TIGHTEN FRONT SHOCK ABSORBER WITH COIL SPRING

(a) Fully tighten the nut.

Torque: 83 N*m (846 kgf*cm, 61 ft.*lbf)

8. FULLY TIGHTEN FRONT SUSPENSION UPPER ARM (See page [SP-28](#))

9. CONNECT CABLE TO NEGATIVE BATTERY TERMINAL

Torque: 3.9 N*m (40 kgf*cm, 35 in.*lbf)

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

10. INSPECT AND ADJUST FRONT WHEEL ALIGNMENT (See page [SP-2](#))

DISPOSAL

1. DISPOSE OF SHOCK ABSORBER ASSEMBLY FRONT

- Fully extend the shock absorber piston rod, and fix it at an angle in a vise or similar tool.
- Using a drill or similar tool, slowly make a hole in the shaded area shown in the illustration, and discharge the gas inside.

CAUTION:

- The gas is colorless, odorless and harmless.
- Since the discharged gas may cause chips to scatter, cover the drill with a shop rag when making the hole.

