

### 13. Fuel Injector

#### A: REMOVAL

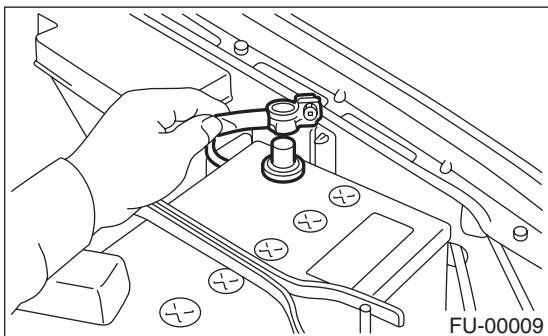
##### 1. RH SIDE

1) Release fuel pressure.

<Ref. to FU(H4SO)-51, RELEASING OF FUEL PRESSURE, OPERATION, Fuel.>

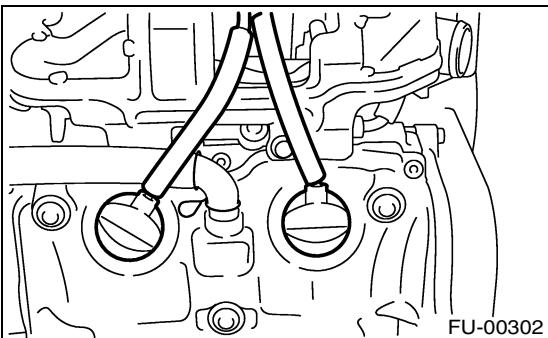
2) Open the fuel flap lid, and remove the fuel filler cap.

3) Disconnect the ground cable from battery.



4) Remove the resonator chamber. <Ref. to IN(H4SO)-8, REMOVAL, Resonator Chamber.>

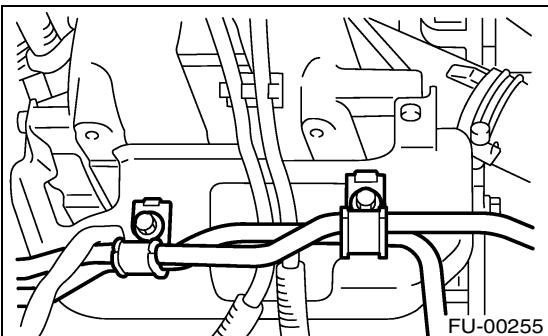
5) Remove the spark plug cords from the spark plugs (#1 and #3 cylinders).



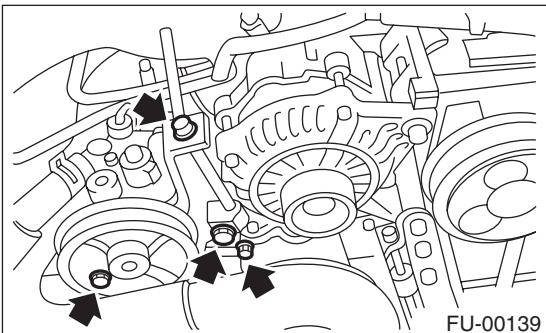
6) Remove the power steering pump and tank from the brackets.

(1) Remove the front side V-belt. <Ref. to ME(H4SO)-42, REMOVAL, V-belt.>

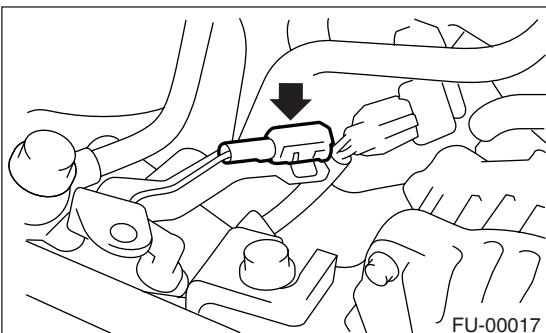
(2) Remove the bolts which hold the power steering pipes onto the intake manifold protector.



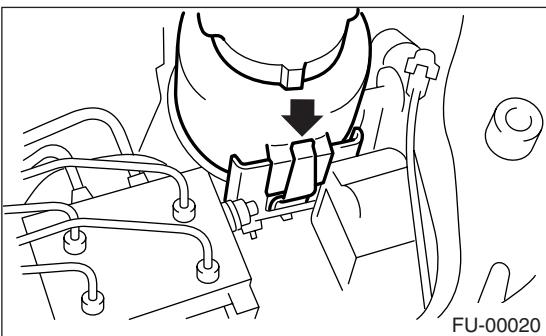
(3) Remove the bolts which install the power steering pump to the bracket.



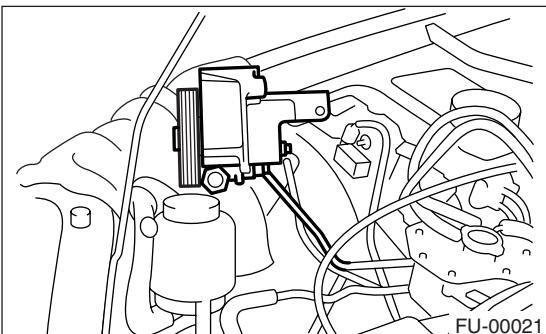
(4) Disconnect the connector from the power steering pump switch.



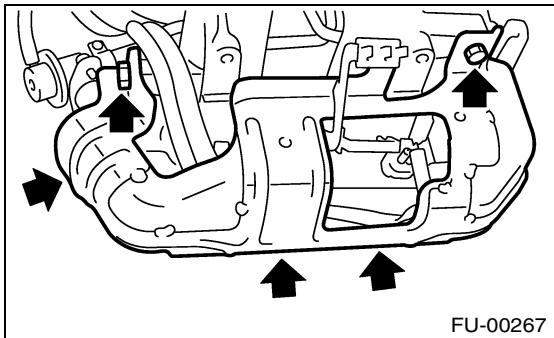
(5) Remove the reservoir tank from the bracket by pulling it upwards.



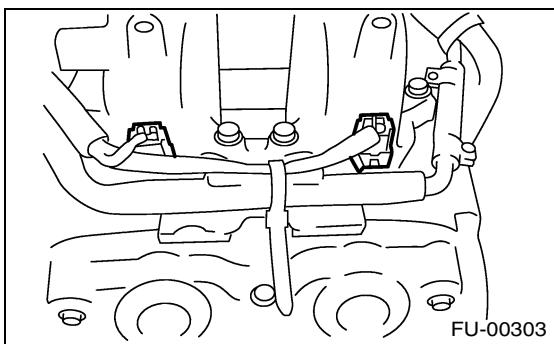
(6) Place the power steering pump and tank on the right side wheel apron.



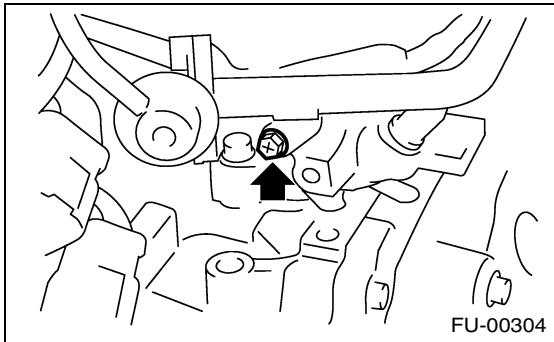
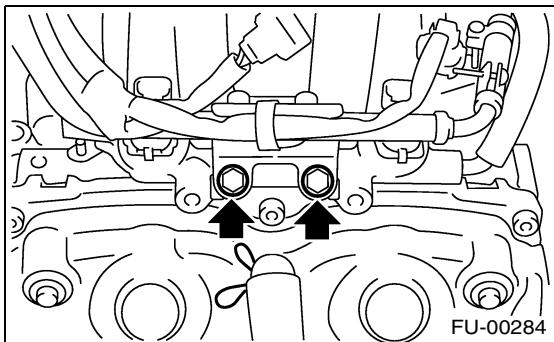
7) Remove the fuel pipe protector RH.



8) Disconnect the connectors from the fuel injectors.

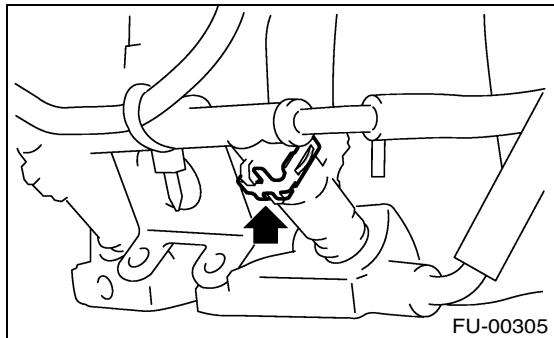


9) Remove the bolt which holds the injector pipe to the intake manifold.

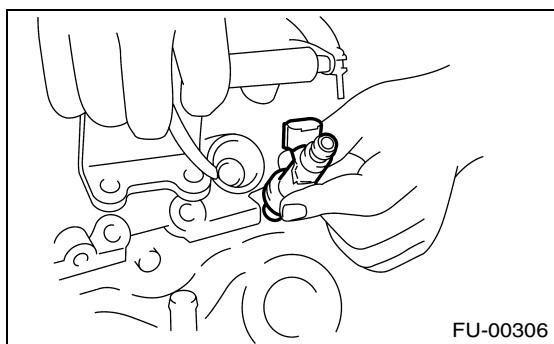


10) Remove the fuel injector from the intake manifold.

(1) Remove the fuel injector securing clip.



(2) Remove the fuel injector while lifting up the fuel injector pipe.

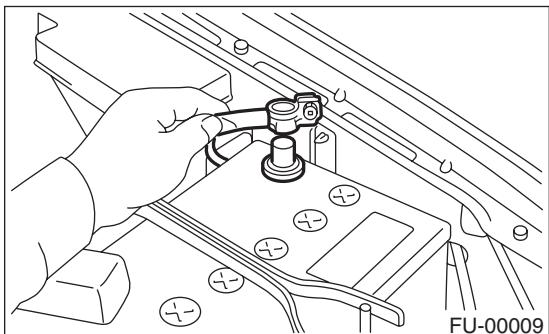


# FUEL INJECTOR

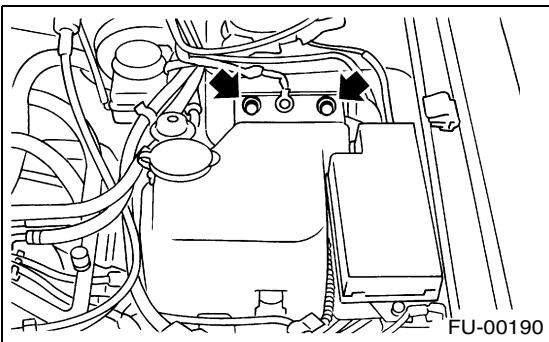
## FUEL INJECTION (FUEL SYSTEMS)

### 2. LH SIDE

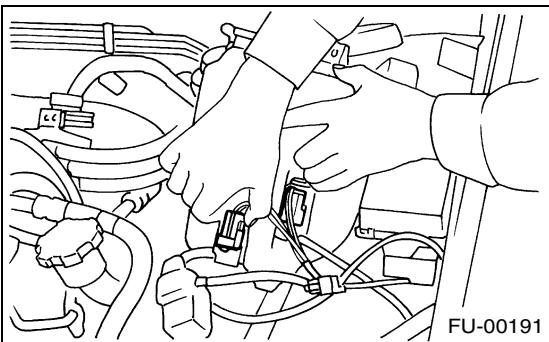
- 1) Release the fuel pressure. <Ref. to FU(H4SO)-51, RELEASING OF FUEL PRESSURE, OPERATION, Fuel.>
- 2) Open the fuel flap lid, and remove the fuel filler cap.
- 3) Disconnect the ground cable from battery.



- 4) Remove the two bolts which install the washer tank on the body.

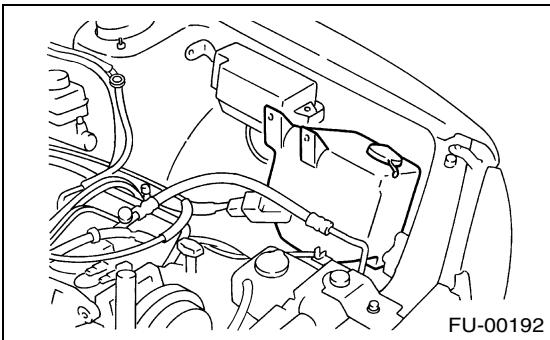


- 5) Disconnect the connector from the front window washer motor.
- 6) Disconnect the connector from the rear gate glass washer motor.

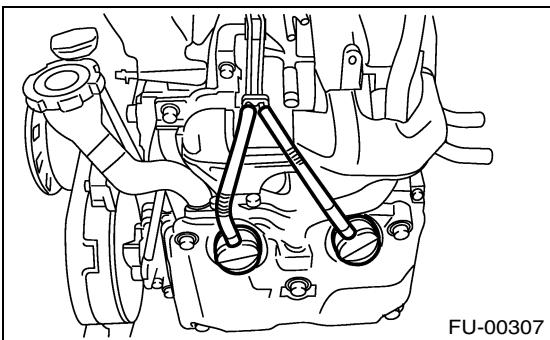


- 7) Disconnect the rear window glass washer hose from the washer motor, then plug the connection with a suitable cap.

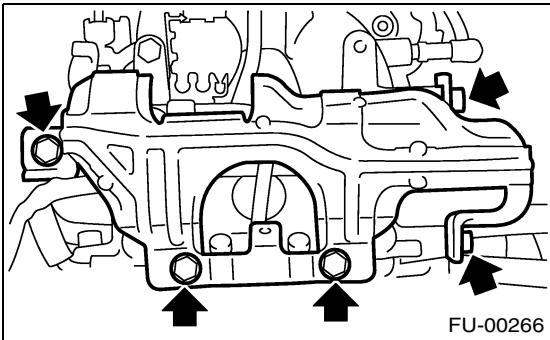
- 8) Move the washer tank, and secure it away from the working area.



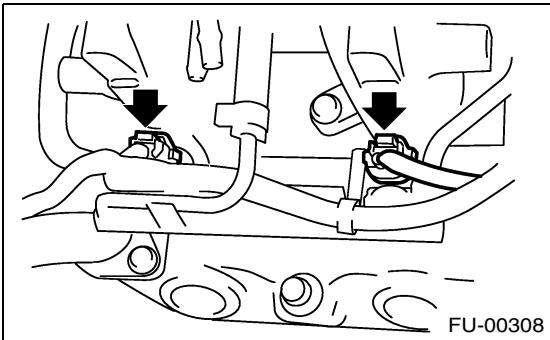
- 9) Remove the spark plug cords from the spark plugs (#2 and #4 cylinders).



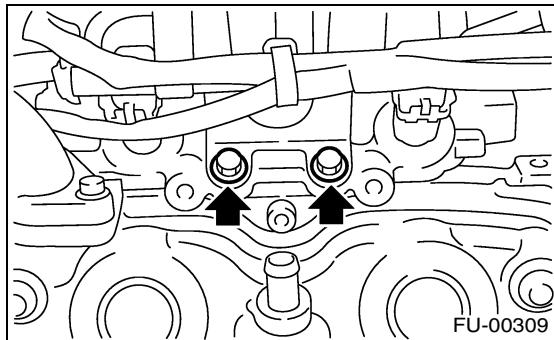
- 10) Remove the fuel pipe protector LH.



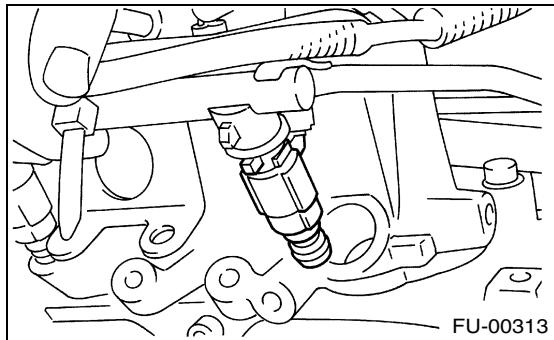
- 11) Disconnect the connectors from the fuel injectors.



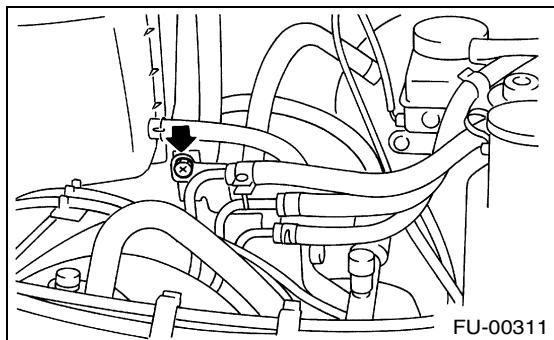
12) Remove the bolt which holds the injector pipe to the intake manifold.



(2) Remove the fuel injector while lifting up the fuel injector pipe.

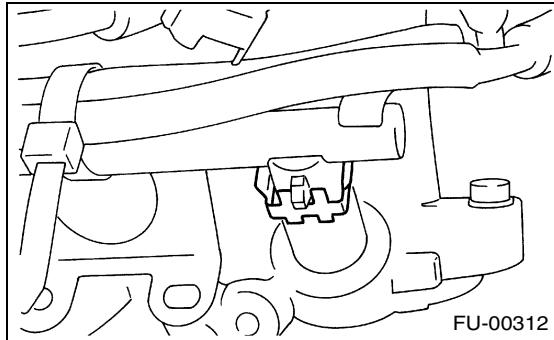


13) Remove the bolt which holds the fuel pipe on the left side intake manifold.



14) Remove the fuel injector from the intake manifold.

(1) Remove the fuel injector securing clip.



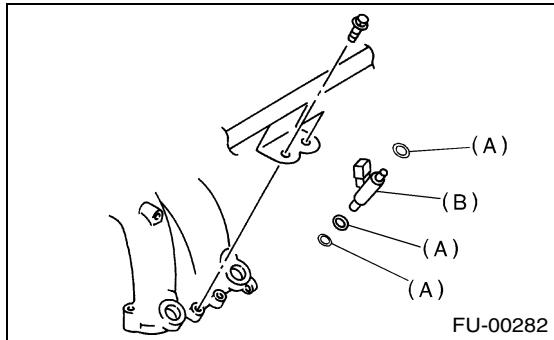
## B: INSTALLATION

### 1. RH SIDE

Install in the reverse order of removal.

#### CAUTION:

Replace the O-rings with new ones.

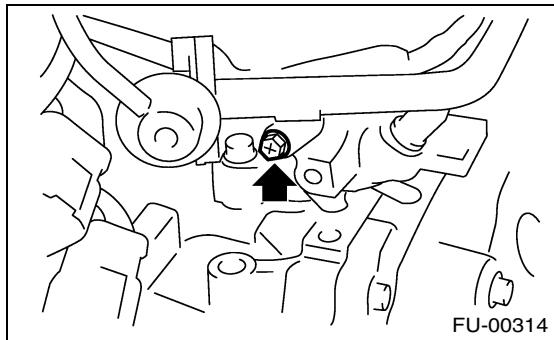


(A) O-ring

(B) Fuel injector

#### Tightening torque:

5.0 N·m (0.51 kgf·m, 3.7 ft-lb)

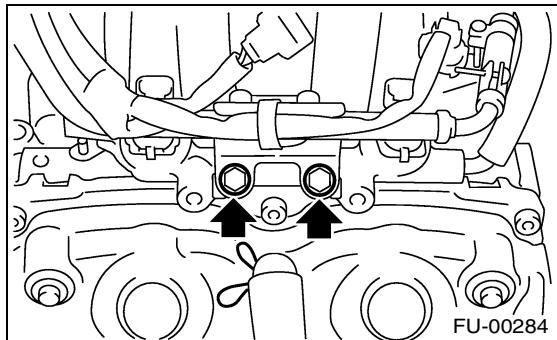


# FUEL INJECTOR

## FUEL INJECTION (FUEL SYSTEMS)

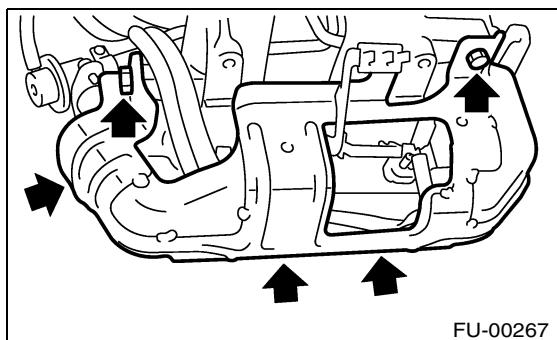
### Tightening torque:

19 N·m (1.9 kgf-m, 13.7 ft-lb)



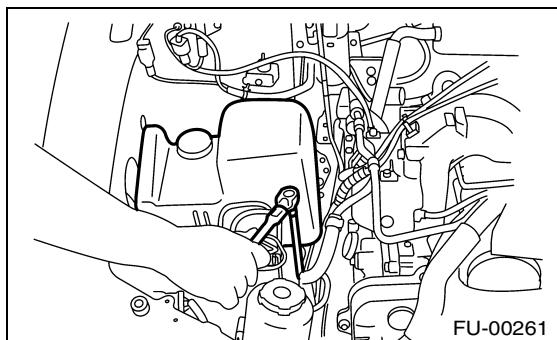
### Tightening torque:

19 N·m (1.9 kgf-m, 13.7 ft-lb)



### Tightening torque:

33 N·m (3.4 kgf-m, 24.3 ft-lb)

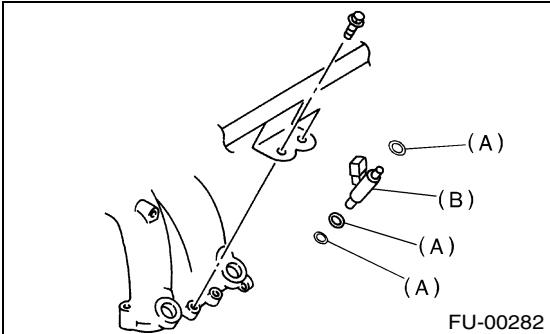


## 2. LH SIDE

Install in the reverse order of removal.

### CAUTION:

Replace the O-rings with new ones.

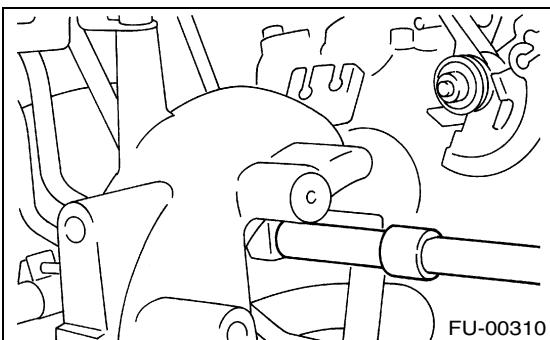


(A) O-ring

(B) Fuel injector

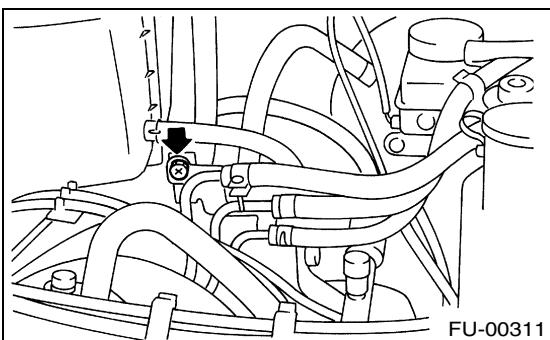
### Tightening torque:

5.0 N·m (0.51 kgf-m, 3.7 ft-lb)



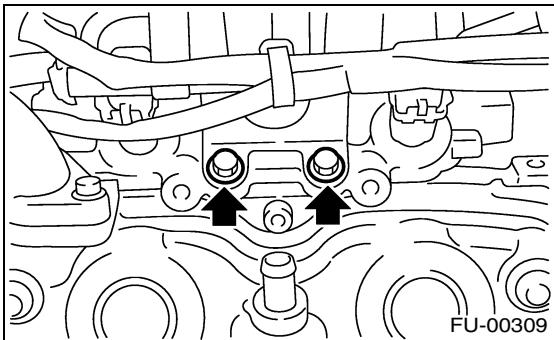
### Tightening torque:

5.0 N·m (0.51 kgf-m, 3.7 ft-lb)



**Tightening torque:**

**19 N·m (1.9 kgf·m, 13.7 ft-lb)**



**Tightening torque:**

**19 N·m (1.9 kgf·m, 13.7 ft-lb)**

