

23. Fuel Tank

A: REMOVAL

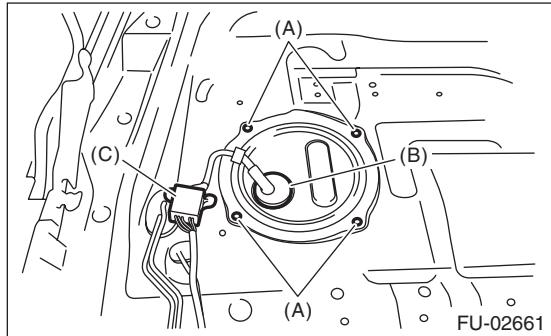
WARNING:

Place "NO FIRE" signs near the working area.

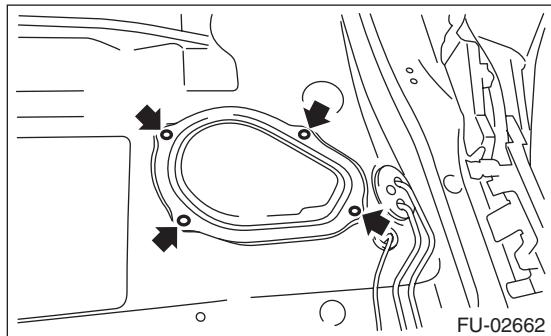
CAUTION:

Be careful not to spill fuel.

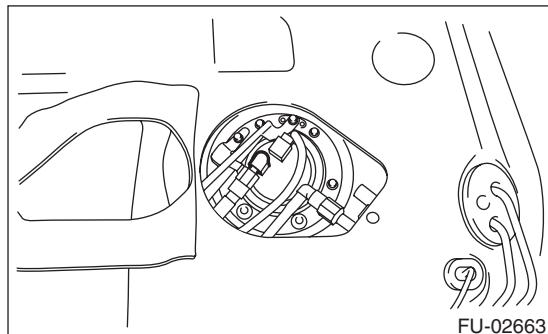
- 1) Set the vehicle on a lift.
- 2) Release the fuel pressure. <Ref. to FU(H6DO)-42, RELEASING OF FUEL PRESSURE, PROCEDURE, Fuel.>
- 3) Disconnect the ground cable from the battery.
- 4) Drain fuel from fuel tank. <Ref. to FU(H6DO)-42, DRAINING FUEL (WITH SUBARU SELECT MONITOR), PROCEDURE, Fuel.>
- 5) Remove the second seat. <Ref. to SE-13, REMOVAL, Second Seat.>
- 6) Remove the service hole cover of fuel pump.
 - (1) Disconnect the connector (C).
 - (2) Remove the bolt (A).
 - (3) Push the grommet (B) down and remove service hole cover.



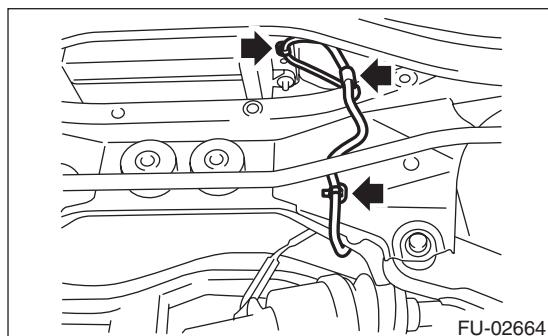
- 7) Remove the service hole cover of fuel sub level sensor.



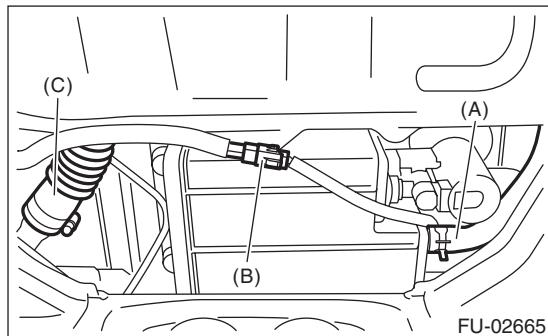
- 8) Disconnect the quick connector on the fuel delivery hose. <Ref. to FU(H6DO)-54, REMOVAL, Fuel Delivery & Evaporation Lines.>



- 9) Remove the rear wheels.
- 10) Lift up the vehicle.
- 11) Remove the clip holding the harness.



- 12) Remove the rear suspension assembly. <Ref. to RS-17, REMOVAL, Rear Sub Frame.>
- 13) Disconnect evaporation hose (A), connector (B) and fuel filler hose (C).



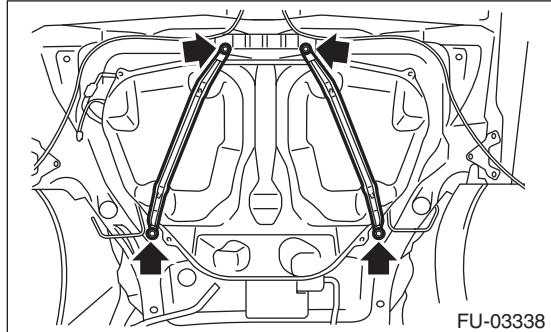
- 14) Remove the fuel tank from the vehicle.

WARNING:

A helper is required to perform this work.

- (1) Support the fuel tank with the transmission jack.
- (2) Remove the fuel tank band that holds the fuel tank.

(3) Remove the fuel tank from the vehicle.



B: INSTALLATION

1) Install the fuel tank to the vehicle.

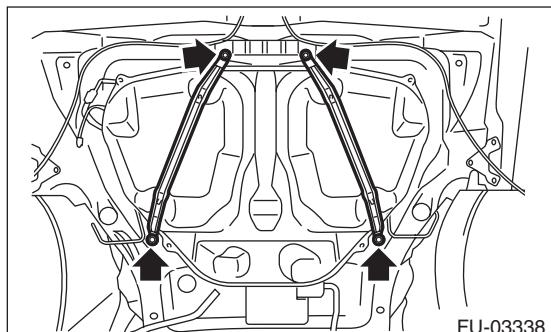
WARNING:

A helper is required to perform this work.

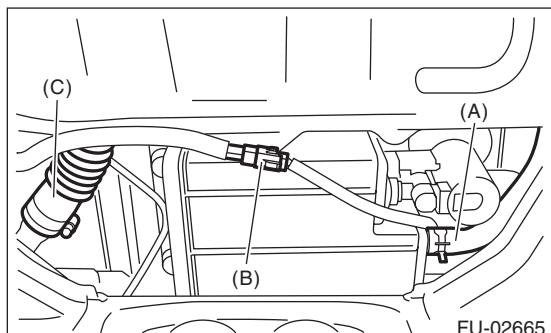
- (1) Lift the fuel tank with the transmission jack.
- (2) Mount the fuel tank to the vehicle with a jack.
- (3) Install the fuel tank band that holds the fuel tank.

Tightening torque:

33 N·m (3.4 kgf·m, 24.3 ft-lb)

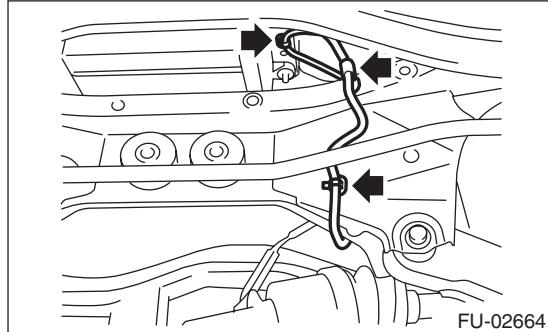


2) Connect evaporation hose (A), connector (B) and fuel filler hose (C).



3) Install the rear suspension assembly. <Ref. to RS-17, INSTALLATION, Rear Sub Frame.>

4) Install the clip that holds the harness.



5) Lower the vehicle.

6) Install the rear wheels.

Tightening torque:

Chrome plated wheel

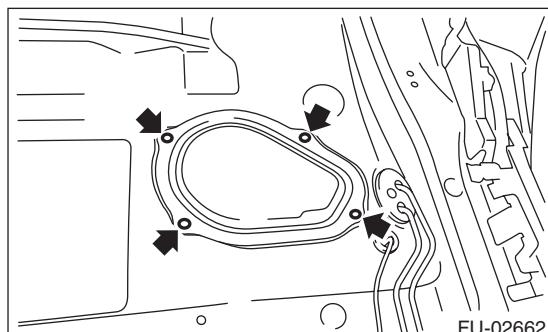
150 N·m (15.3 kgf·m, 110.6 ft-lb)

Other than above

120 N·m (12.2 kgf·m, 88.5 ft-lb)

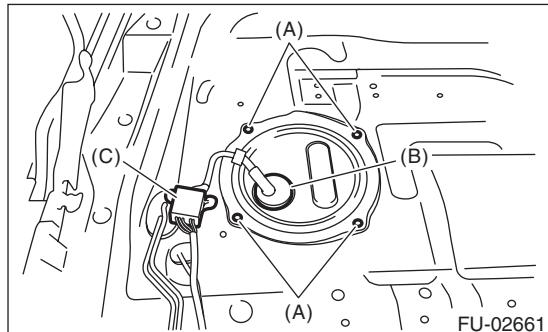
7) Connect the quick connector on fuel delivery hose. <Ref. to FU(H6DO)-55, INSTALLATION, Fuel Delivery & Evaporation Lines.>

8) Install the service hole cover of fuel sub level sensor.



9) Install the service hole cover of fuel pump.

- (1) Push on the grommet (B) to install it to the service hole cover.
- (2) Tighten the bolt (A).
- (3) Connect the connector (C).



10) Install the second seat. <Ref. to SE-13, INSTALLATION, Second Seat.>

11) Install the fuse of fuel pump to the main fuse box.

12) Connect the battery ground cable to the battery.

Fuel Tank

FUEL INJECTION (FUEL SYSTEMS)

C: INSPECTION

- 1) Check that the fuel tank does not have holes, cracks or is damaged in any other way.
- 2) Make sure that the fuel pipe and fuel hose are not cracked and that the connections are tight.