

22. Fuel Tank

A: REMOVAL

WARNING:

- Place "NO FIRE" signs near the working area.
- Be careful not to spill fuel on the floor.

1) Set the vehicle on a lift.

2) Release the fuel pressure.

<Ref. to FU(H4SO)-44, RELEASING OF FUEL PRESSURE, PROCEDURE, Fuel.>

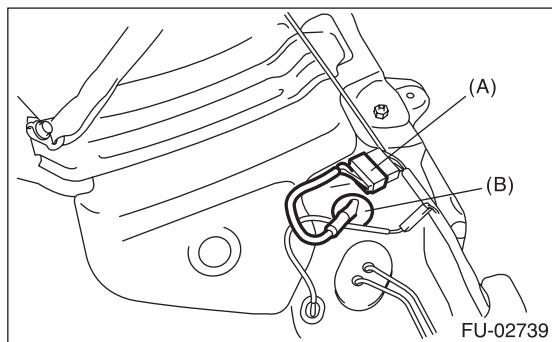
3) Drain fuel from fuel tank.

<Ref. to FU(H4SO)-44, DRAINING FUEL, PROCEDURE, Fuel.>

4) Remove the rear seat.

5) Disconnect the connector (A) between the fuel tank cord and the rear harness.

6) Push the grommet (B) which holds the fuel tank cord on the floor panel into under the body.

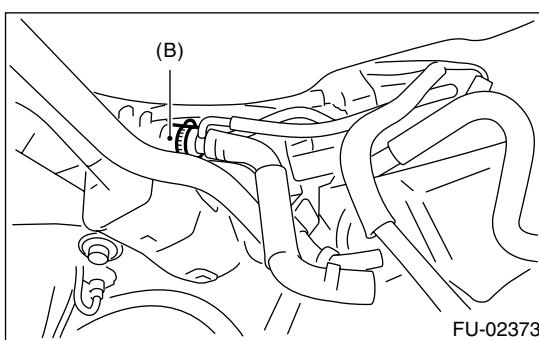
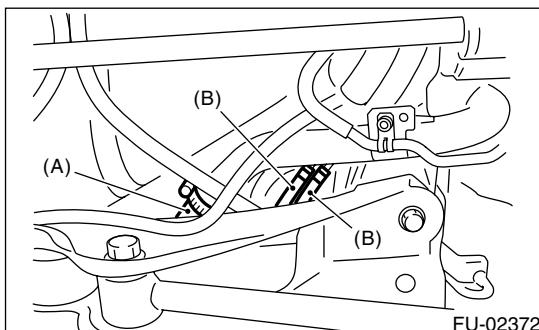


7) Remove the rear crossmember. <Ref. to RS-16, REMOVAL, Rear Crossmember.>

8) Remove the canisters. <Ref. to EC(H4SO)-6, REMOVAL, Canister.>

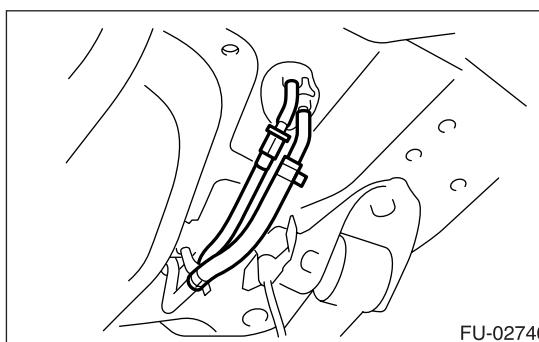
9) Disconnect the connector from the pressure control solenoid valve.

10) Loosen the clamp and disconnect the fuel filler hose (A) and evaporation hose from the fuel filler pipe.



11) Move the clips, and disconnect the quick connector. <Ref. to FU(H4SO)-59, REMOVAL, Fuel Delivery, Return and Evaporation Lines.>

12) Disconnect the fuel hoses.



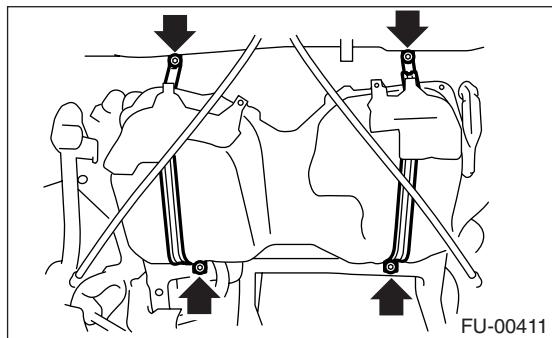
Fuel Tank

FUEL INJECTION (FUEL SYSTEMS)

13) Support the fuel tank with transmission jack, remove the bolts from bands and dismount the fuel tank from the vehicle.

WARNING:

- A helper is required to perform this work.
- Fuel may remain undrained in the side of the fuel tank without the drain plug. Be careful not to lose balance and drop the fuel tank when removing it, as this remaining fuel may offset the weight balance of the tank.



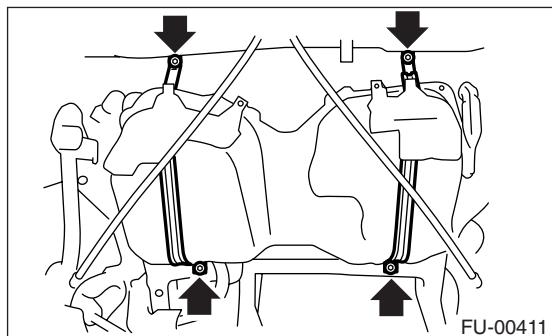
B: INSTALLATION

1) Support the fuel tank with transmission jack and push the fuel tank harness into access hole along with the grommet.

2) Set the fuel tank and temporarily tighten the bolts of fuel tank bands.

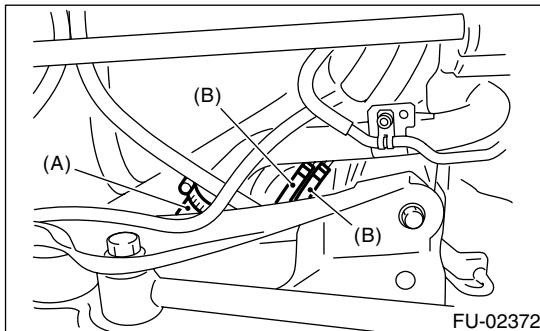
WARNING:

- A helper is required to perform this work.



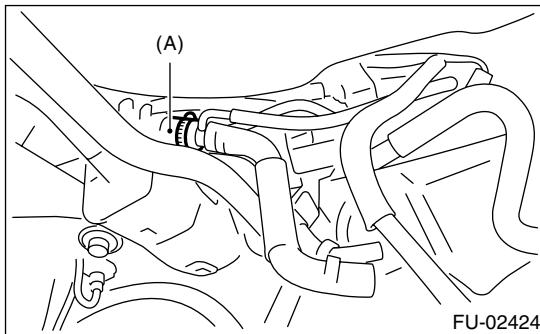
3) Insert the fuel filler hose (A) approx. 35 to 40 mm (1.38 to 1.57 in) over the lower end of fuel filler pipe and tighten the clamp.

4) Insert the evaporation hose (B) into the lower portion of the evaporation pipe and use clamps and clips to secure it.

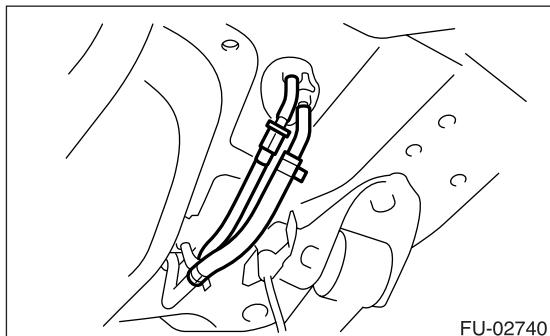


CAUTION:

Do not allow clips to touch hose (A) and rear suspension crossmember.



5) Connect the fuel hoses, and hold them with clips and quick connector. <Ref. to FU(H4SO)-59, REMOVAL, Fuel Delivery, Return and Evaporation Lines.>



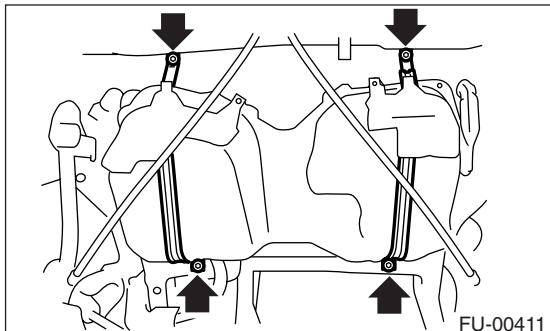
6) Connect the connector to pressure control solenoid valve.

7) Install the canister. <Ref. to EC(H4SO)-6, INSTALLATION, Canister.>

8) Tighten the band mounting bolts.

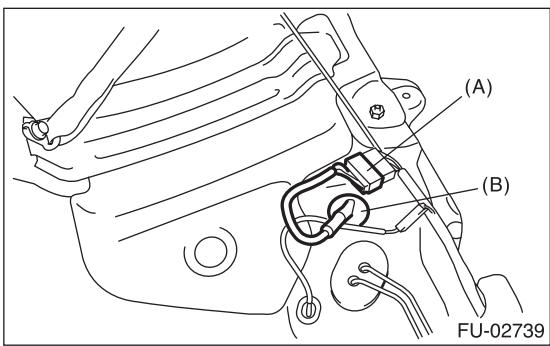
Tightening torque:

33 N·m (3.4 kgf·m, 25 ft-lb)



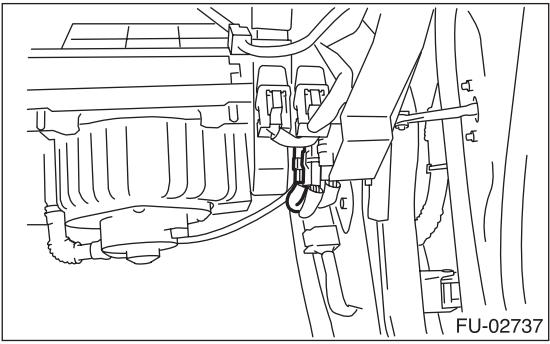
9) Install the rear crossmember. <Ref. to RS-16, INSTALLATION, Rear Crossmember.>

10) Connect the connector (A) to the fuel tank cord and plug the service hole with grommet (B).



11) Set the rear seat and floor mats.

12) Connect the connector to fuel pump relay.



C: INSPECTION

- 1) Check that there are no cracks, holes, or other damage on the fuel tank.
- 2) Make sure that the fuel pipe and fuel hose are not cracked and those connections are tight.