

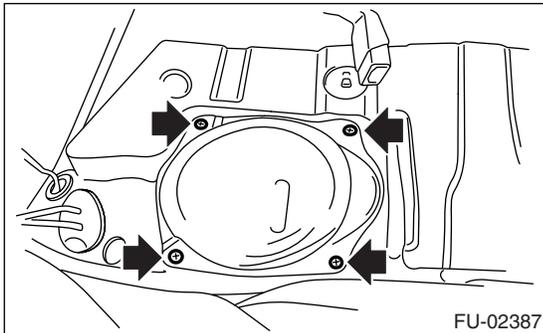
26. Fuel Tank

A: REMOVAL

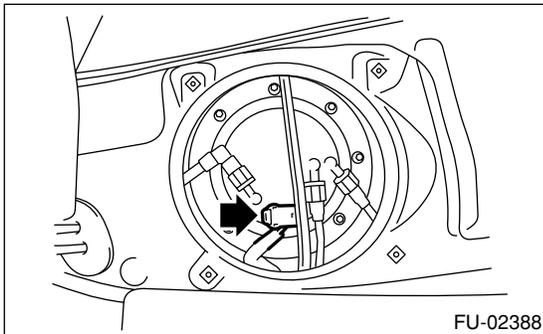
WARNING:

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

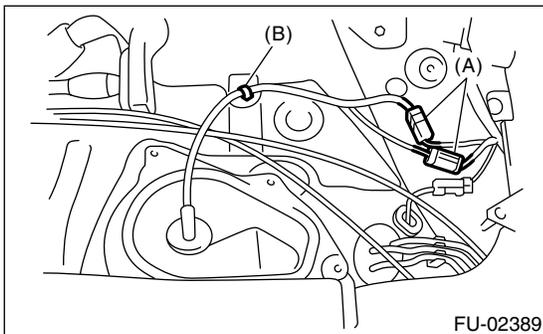
- 1) Set the vehicle on a lift.
- 2) Release the fuel pressure.
<Ref. to FU(H4DOTC)-44, RELEASING OF FUEL PRESSURE, PROCEDURE, Fuel.>
- 3) Drain fuel from the fuel tank.
<Ref. to FU(H4DOTC)-44, DRAINING FUEL, PROCEDURE, Fuel.>
- 4) Remove the rear seat.
- 5) Remove the service hole cover from fuel pump.



- 6) Disconnect the connector from fuel pump.



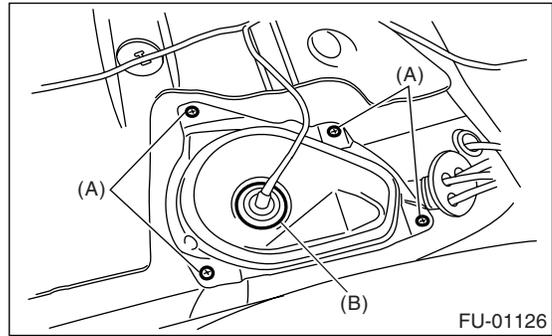
- 7) Remove the connector (A) and clips (B).



- 8) Remove the service hole cover from fuel sub level sensor.

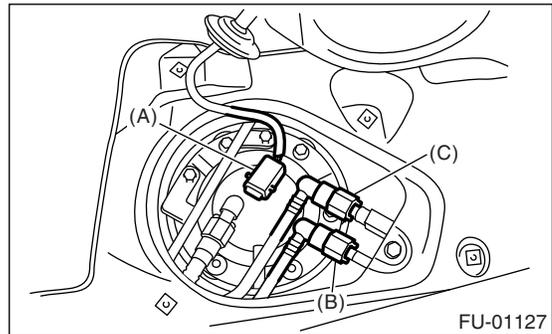
- (1) Remove the bolts (A).

- (2) Push the grommet (B) down under the body and remove service hole cover.

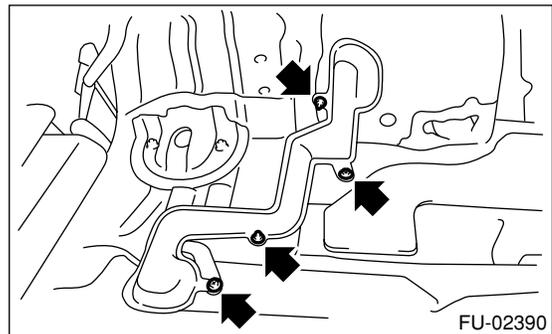


- 9) Disconnect the connector (A) from fuel sub level sensor.

- 10) Disconnect the quick connector from the fuel delivery (B) and return hose (C). <Ref. to FU(H4DOTC)-60, REMOVAL, Fuel Delivery, Return and Evaporation Lines.>



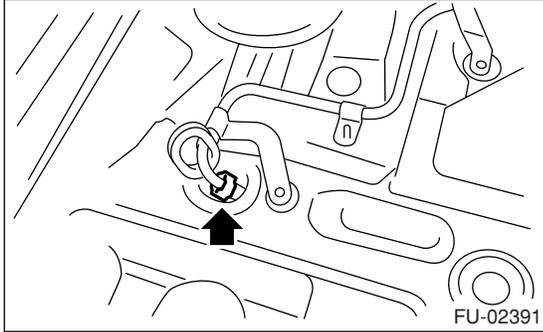
- 11) Remove trunk room trim. (Sedan model)
<Ref. to EI-70, REMOVAL, Trunk Room Trim.>
- 12) Remove rear quarter trim. (Wagon model)
<Ref. to EI-62, WAGON MODEL, REMOVAL, Rear Quarter Trim.>
- 13) Remove pipe protector.



Fuel Tank

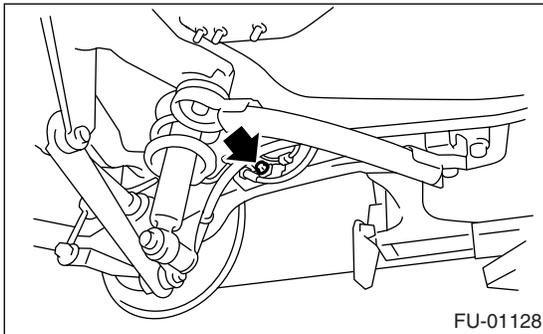
FUEL INJECTION (FUEL SYSTEMS)

14) Remove the grommet, and then disconnect the quick connector of evaporation pipes. <Ref. to FU(H4DOTC)-60, REMOVAL, Fuel Delivery, Return and Evaporation Lines.>

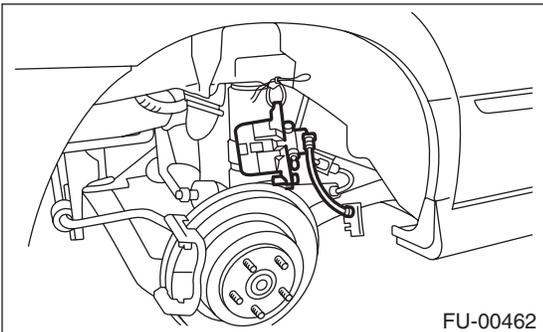


15) Remove the rear wheels.

16) Remove the bolts which secure the rear brake hose installation bracket.



17) Remove the rear brake caliper and tie it to the vehicle body side.



18) Remove the parking brake cable from parking brake assembly. <Ref. to PB-6, REMOVAL, Parking Brake Assembly (Rear Disc Brake).>

19) Lift-up the vehicle.

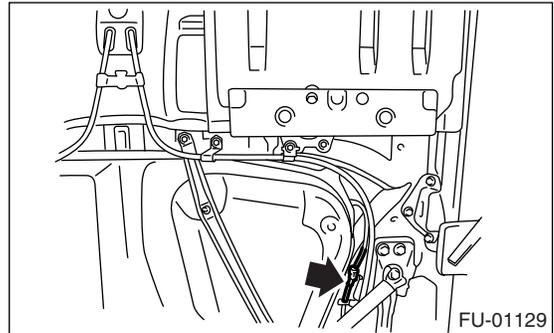
20) Remove the rear exhaust pipe.

<Ref. to EX(H4DOTC)-12, REMOVAL, Rear Exhaust Pipe.>

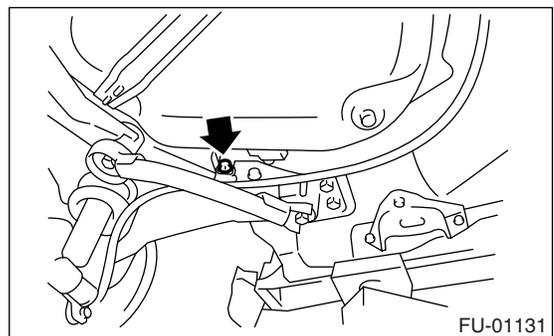
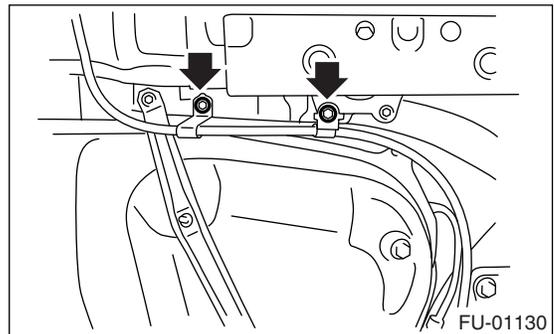
21) Remove the propeller shaft. <Ref. to DS-10, REMOVAL, Propeller Shaft.>

22) Remove the heat shield cover.

23) Disconnect the connector from rear ABS wheel speed sensor.



24) Remove the bolts which install the parking brake cable clamp.



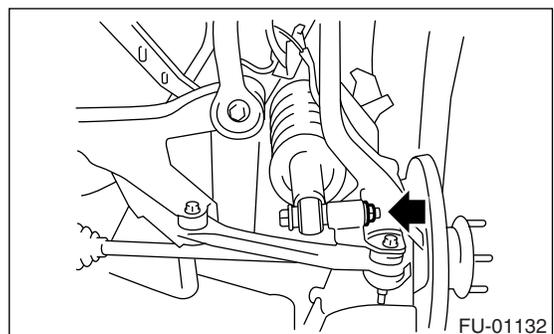
25) Remove the rear suspension assembly.

CAUTION:

A helper is required to perform this work.

(1) Support the rear differential with transmission jack.

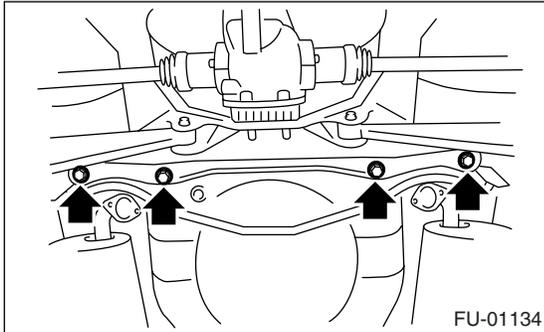
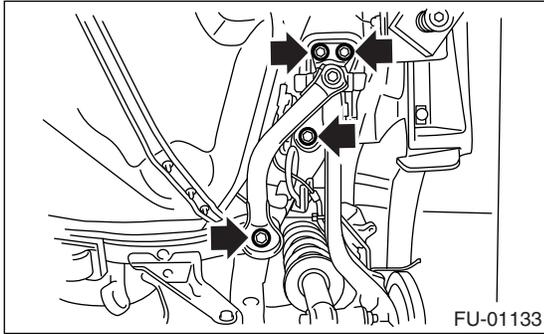
(2) Remove the bolt which installs the rear shock absorber to rear suspension arm.



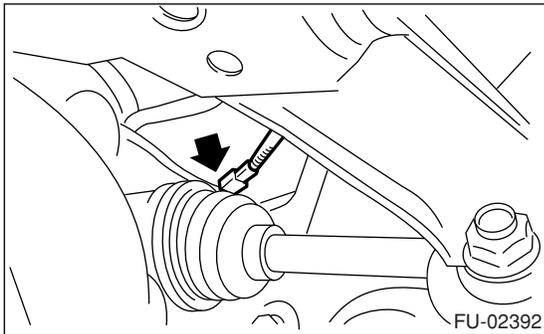
Fuel Tank

FUEL INJECTION (FUEL SYSTEMS)

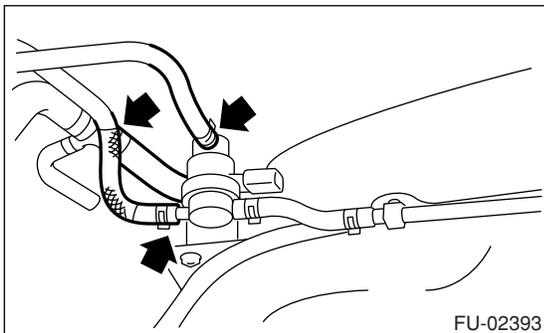
(3) Remove the bolts which secure the rear suspension assembly to body.



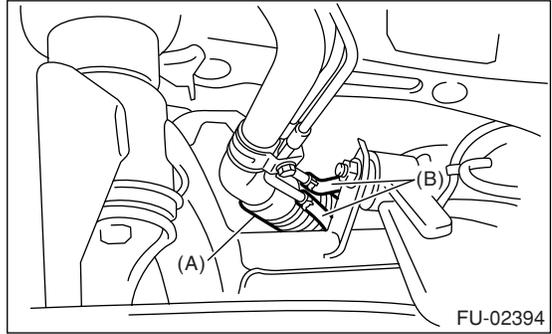
(4) Remove the rear suspension assembly.
26) Disconnect the connector.



27) Disconnect the evaporation hoses.



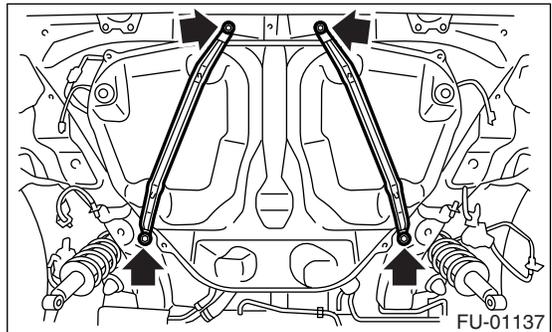
28) Disconnect the fuel filler hoses (A) and evaporation hoses (B).



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

WARNING:

A helper is required to perform this work.

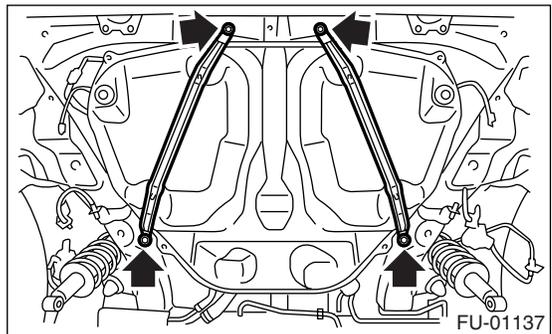


B: INSTALLATION

1) Support the fuel tank with transmission jack, set the fuel tank, and then temporarily tighten the bolts of fuel tank band.

WARNING:

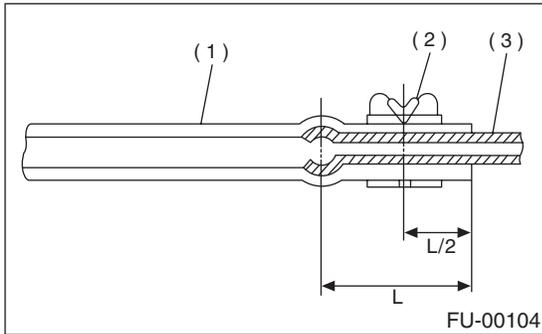
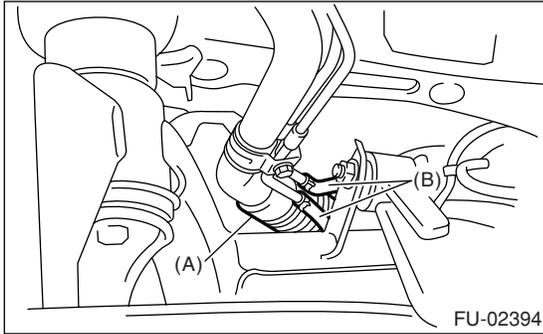
A helper is required to perform this work.



Fuel Tank

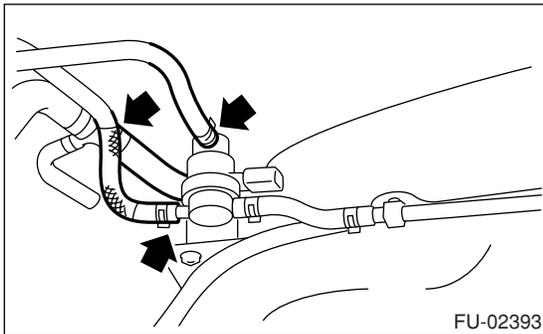
FUEL INJECTION (FUEL SYSTEMS)

2) Correctly insert the fuel filler hose (A) and evaporation hose (B) to specified position, and then tighten the clamp.



- (1) Hose
- (2) Clip or clamp
- (3) Pipe

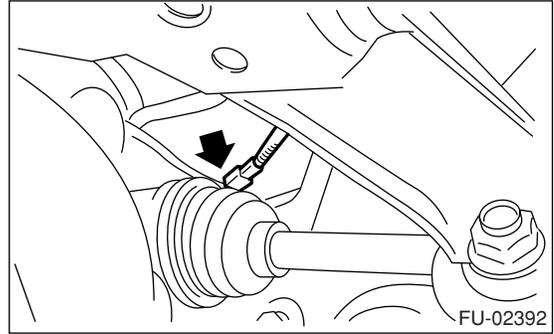
3) Connect the evaporation hose.



4) Tighten the bolts of fuel tank band.

Tightening torque:
33 N·m (3.4 kgf-m, 25 ft-lb)

5) Connect the connector.



6) Install the rear suspension assembly.

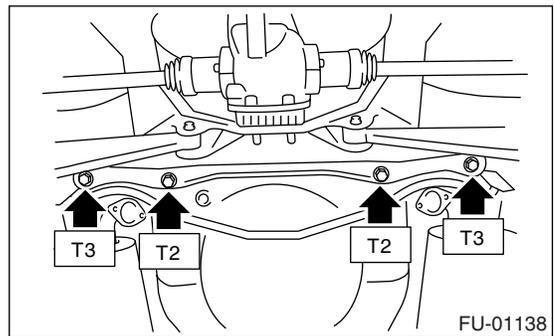
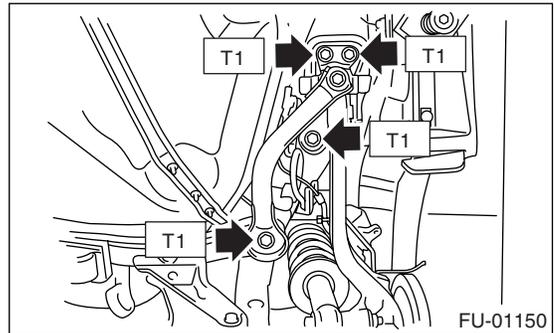
CAUTION:

A helper is required to perform this work.

- (1) Support the rear differential with transmission jack.
- (2) Support the rear suspension assembly, and then tighten the bolts which secure the rear suspension assembly to body.

Tightening torque:

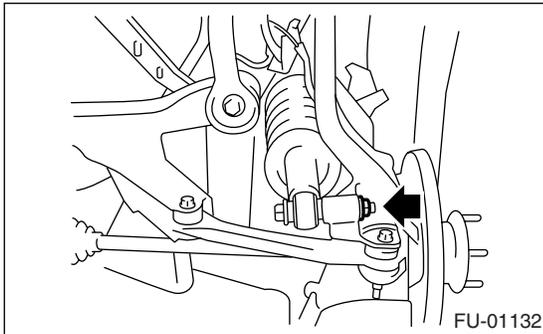
- T1: 125 N·m (12.7 kgf-m, 92.2 ft-lb)**
- T2: 65 N·m (6.2 kgf-m, 48 ft-lb)**
- T3: 175 N·m (17.8 kgf-m, 129 ft-lb)**



(3) Tighten the bolts which install the rear shock absorber to rear suspension arm. <Ref. to RS-11, INSTALLATION, Rear Arm.>

Tightening torque:

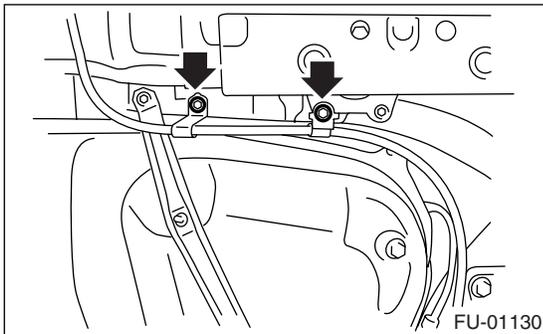
62 N·m (6.3 kgf·m, 46 ft·lb)



7) Tighten the bolts which install the parking brake cable clamp.

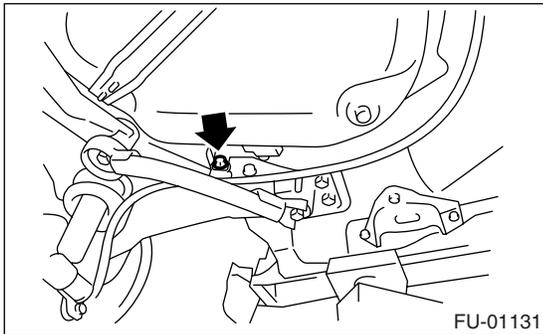
Tightening torque:

18 N·m (1.8 kgf·m, 13.3 ft·lb)

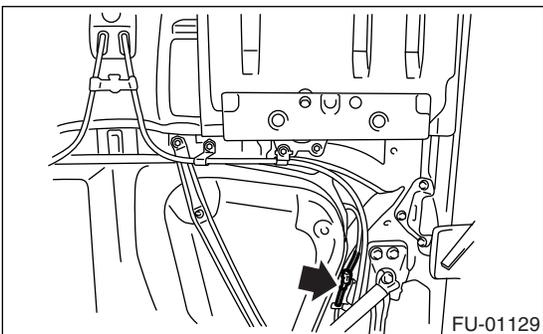


Tightening torque:

32 N·m (3.3 kgf·m, 23.9 ft·lb)



8) Connect the connector to rear ABS wheel speed sensor.



9) Install the heat shield cover.

10) Install the propeller shaft. <Ref. to DS-11, INSTALLATION, Propeller Shaft.>

11) Install the rear exhaust pipe. <Ref. to EX(H4DOTC)-12, INSTALLATION, Rear Exhaust Pipe.>

12) Lower the vehicle.

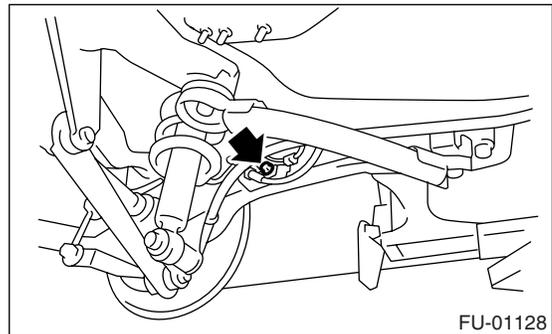
13) Connect the parking brake cable to parking brake assembly. <Ref. to PB-7, INSTALLATION, Parking Brake Assembly (Rear Disc Brake).>

14) Install the rear brake caliper.

15) Tighten the bolt which secures rear brake hose installation bracket.

Tightening torque:

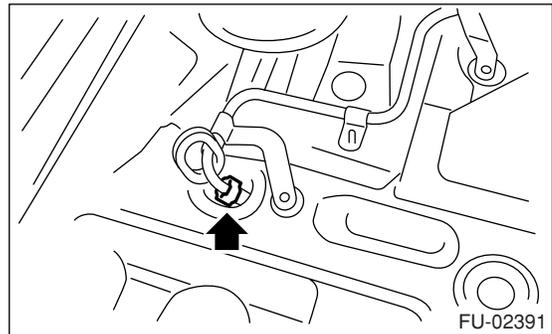
33 N·m (3.4 kgf·m, 25 ft·lb)



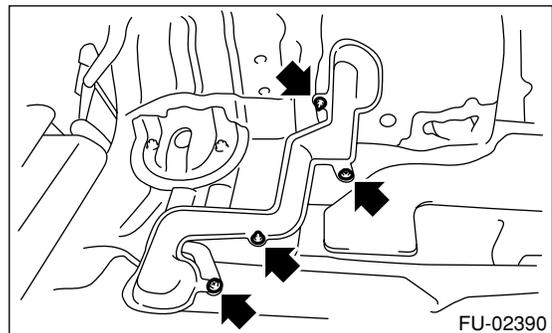
16) Install the rear wheels.

17) Lower the vehicle.

18) Connect the quick connector of evaporation pipe. <Ref. to FU(H4DOTC)-61, INSTALLATION, Fuel Delivery, Return and Evaporation Lines.>



19) Install pipe protector.



20) Install trunk room trim. (Sedan model) <Ref. to EI-46, INSTALLATION, Rear Quarter Protector.>

Fuel Tank

FUEL INJECTION (FUEL SYSTEMS)

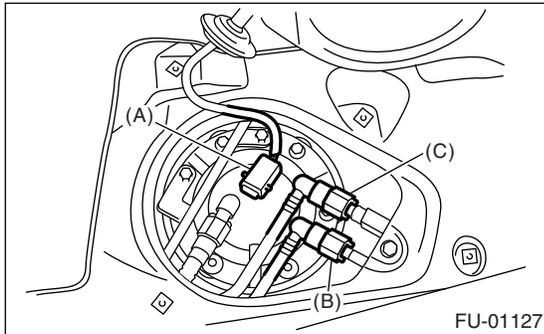
21) Install rear quarter trim. (Wagon model) <Ref. to EI-63, WAGON MODEL, INSTALLATION, Rear Quarter Trim.>

22) Connect the connector (A) to fuel sub level sensor.

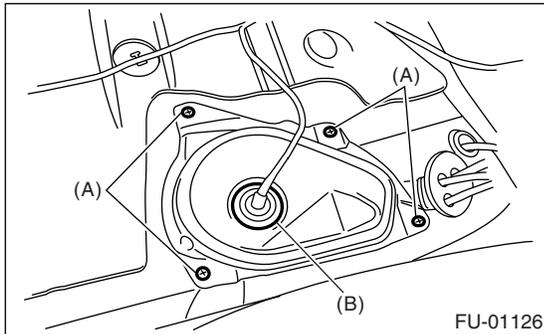
23) Connect the quick connector to the fuel delivery (B) and return hose (C). <Ref. to FU(H4DOTC)-61, INSTALLATION, Fuel Delivery, Return and Evaporation Lines.>

NOTE:

Be careful not to misconnect the delivery side and return side.



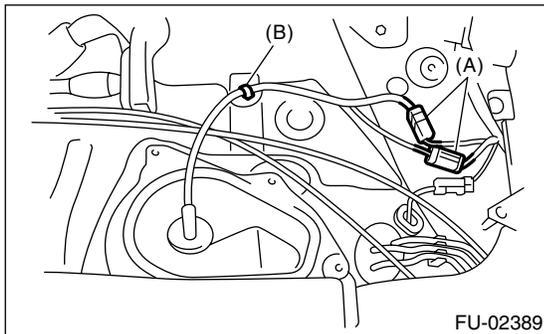
24) Install the service hole cover of fuel sub level sensor.



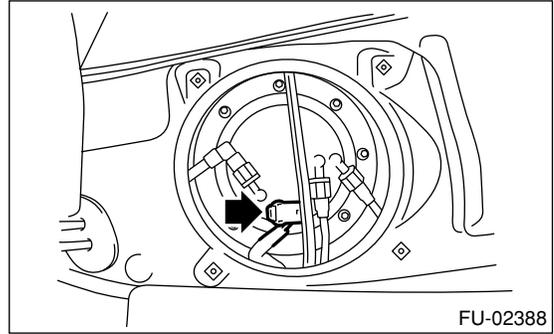
(A) Bolt

(B) Grommet

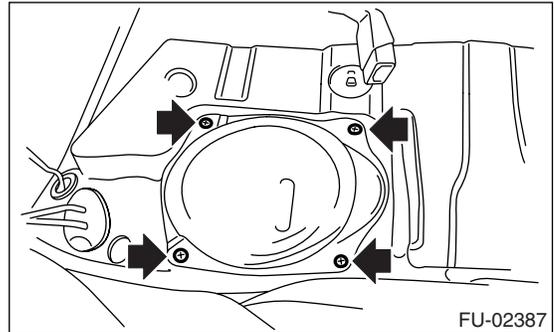
25) Connect the connector (A), and then install the clips (B).



26) Connect the connector to fuel pump.



27) Install the service hole cover of fuel pump.



28) Install the rear seat.

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

C: INSPECTION

- 1) Check that the fuel tank is not holed, cracked or otherwise damaged.
- 2) Make sure that the fuel hoses and fuel pipes are not cracked and those connections are tight.