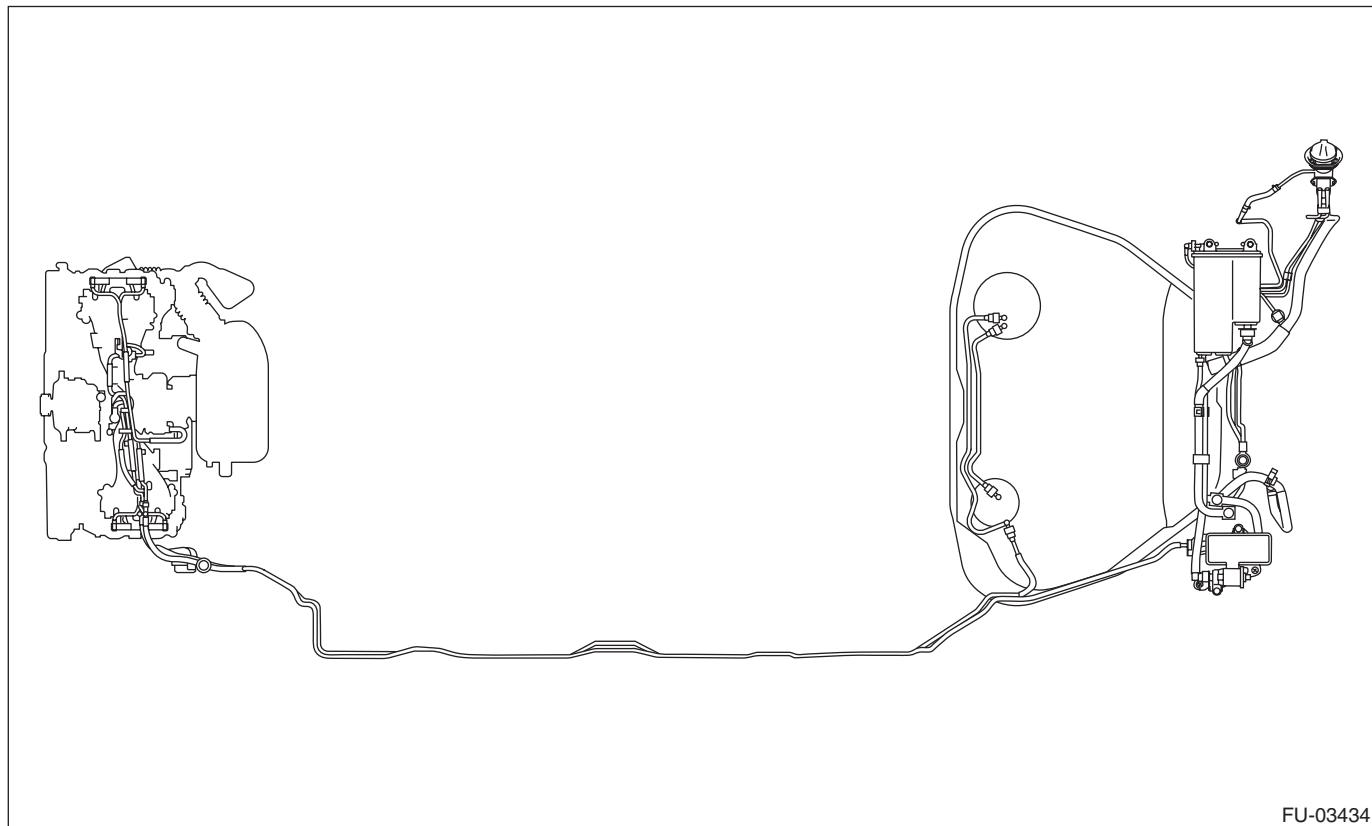


30. Fuel Delivery and Evaporation Lines

A: REMOVAL



FU-03434

WARNING:

Place "NO OPEN FLAMES" 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(H4SO)-52, RELEASING OF FUEL PRESSURE, PROCEDURE, Fuel.>
- 3) Open the fuel filler lid and remove the fuel filler cap.
- 4) Remove the floor mat. <Ref. to EI-69, REMOVAL, Floor Mat.>
- 5) In the engine compartment, disconnect the fuel delivery hoses and evaporation hose.

CAUTION:

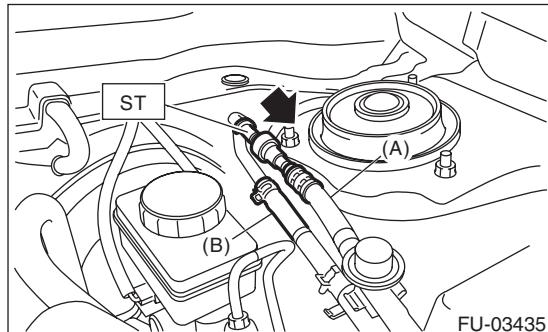
- **Be careful not to spill fuel.**
- **Catch the fuel from hoses using a container or cloth.**

(1) Set the ST to the fuel pipe.

(2) Disconnect the quick connector of the fuel delivery hose by pushing the ST in the direction of the arrow.

ST 42099AE000 QUICK CONNECTOR RELEASE

- (3) Remove the clip and disconnect the evaporation hose from the fuel pipe.



FU-03435

(A) Fuel delivery hose

(B) Evaporation hose

- 6) Remove the canister. <Ref. to EC(H4SO)-5, REMOVAL, Canister.>

- 7) Remove the fuel tank. <Ref. to FU(H4SO)-54, REMOVAL, Fuel Tank.>

- 8) Remove the fuel pipe assembly.

- 9) Disconnect the quick connector, and disconnect the fuel delivery tube and jet pump tube.

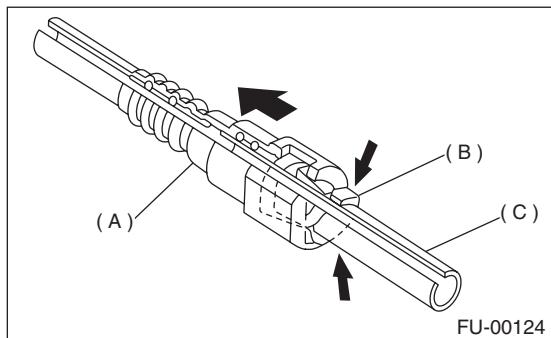
(1) Push the retainer in the direction of the arrow, disconnect the quick connector from pipe.

Fuel Delivery and Evaporation Lines

FUEL INJECTION (FUEL SYSTEMS)

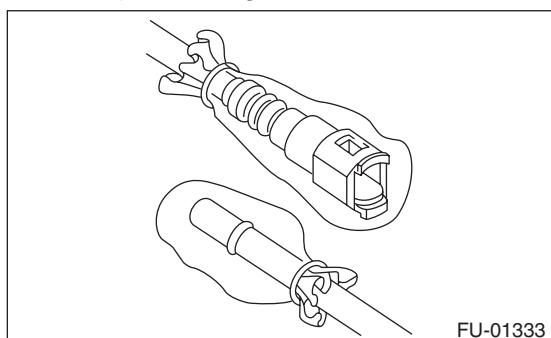
NOTE:

Clean the pipe and quick connector, if they are covered with dust.



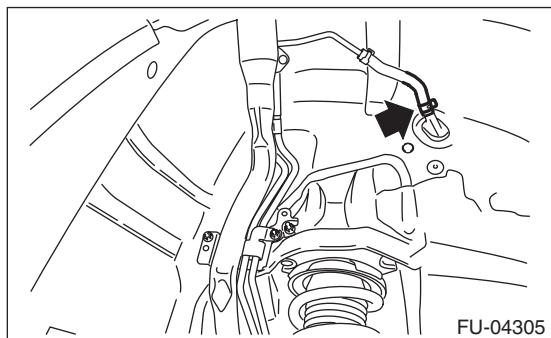
(A) Quick connector
(B) Retainer
(C) Pipe

(2) To prevent from damaging or entering foreign matter, wrap the pipes and quick connectors with plastic bag etc.



10) Remove the evaporation pipe.

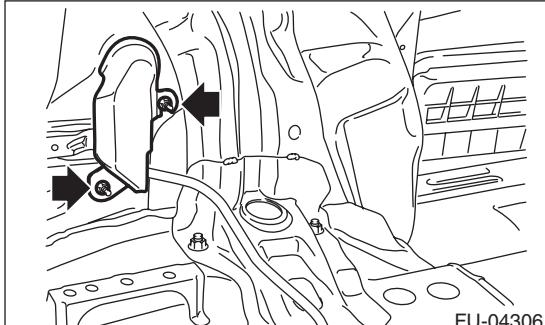
- (1) Remove the rear mud guard RH. <Ref. to EI-28, REMOVAL, Mud Guard.>
- (2) Remove the evaporation hose.



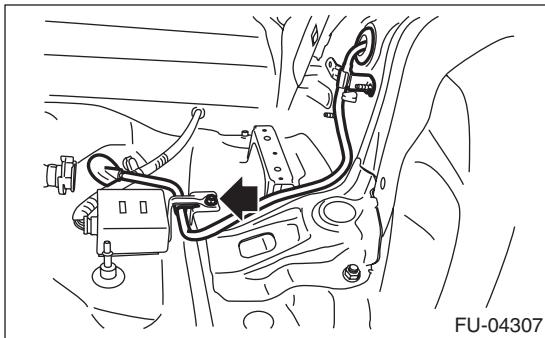
(3) Remove the right side trunk side trim.(4 door model) <Ref. to EI-61, REMOVAL, Trunk Room Trim.>

(4) Remove the right side rear quarter trim.(5 door model) <Ref. to EI-58, REMOVAL, Rear Quarter Trim.>

(5) Remove the evaporation pipe protector.



(6) Remove the evaporation pipe from vehicle.

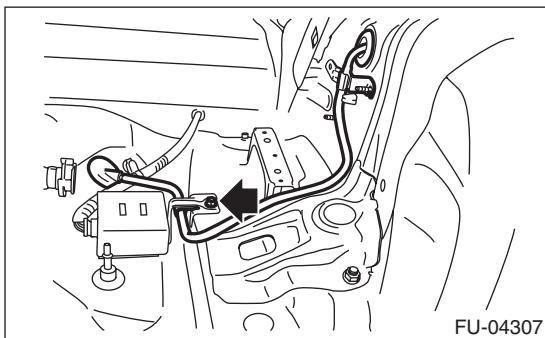


B: INSTALLATION

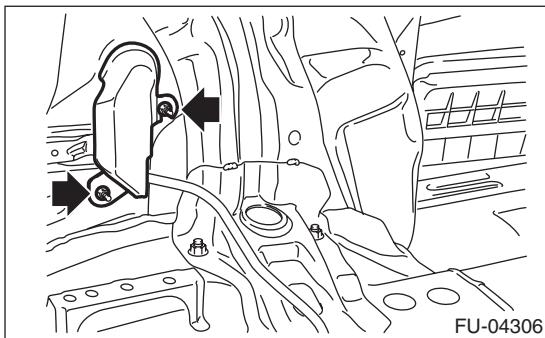
Install in the reverse order of removal while being careful of the following.

1. EVAPORATION PIPE INSTALLATION

- 1) Install the evaporation pipe to the vehicle.

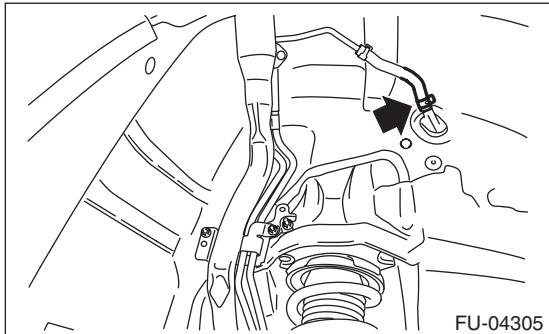


- 2) Install the evaporation pipe protector.



- 3) Install the right side trunk side trim.(4 door model) <Ref. to EI-61, INSTALLATION, Trunk Room Trim.>

- 4) Install the right side rear quarter trim.(5 door model) <Ref. to EI-59, INSTALLATION, Rear Quarter Trim.>
- 5) Install the evaporation hose.

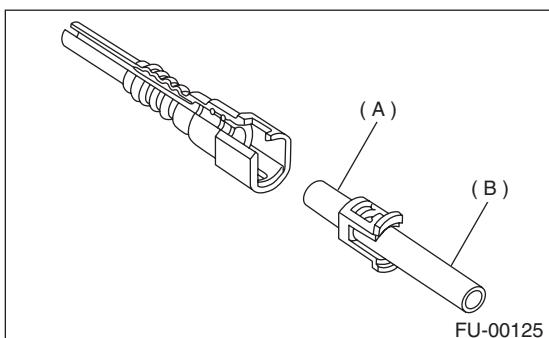


- 6) Install the rear mud guard RH. <Ref. to EI-28, INSTALLATION, Mud Guard.>

2. CONNECTING THE FUEL LINE QUICK CONNECTOR

CAUTION:

Make sure there are no damage or dust on connections. If necessary, clean seal surface of pipe.



(A) Seal surface
(B) Pipe

- 1) Set the retainer to quick connector.

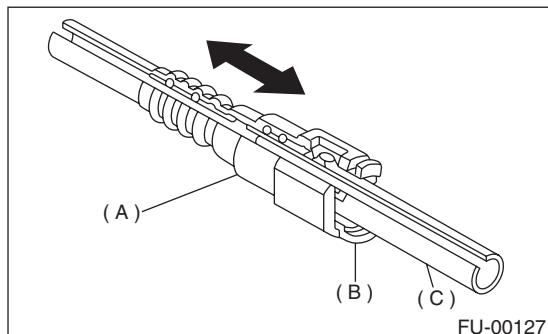
NOTE:

Use a new retainer.

- 2) Connect the quick connector to pipe.

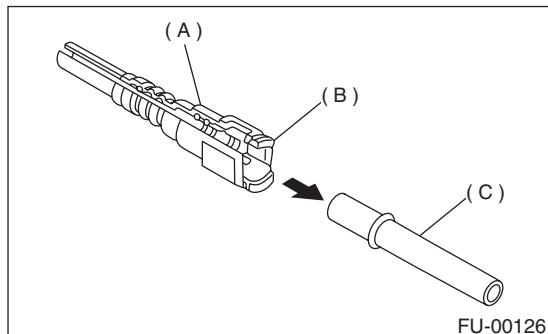
CAUTION:

- Make sure that the quick connector is securely connected.



(A) Quick connector
(B) Retainer
(C) Pipe

- Make sure the two retainer pawls are engaged in their mating positions in the quick connector.
- Be sure to inspect tubes and their connections for any leakage of fuel.



(A) Quick connector
(B) Retainer
(C) Pipe

3. CONNECTING THE FUEL DELIVERY HOSE

Connect the fuel delivery hose to the pipe with an overlap of 20 to 25 mm (0.79 to 0.98 in).

Type A: When the amount to be inserted is specified.

Type B: When the amount to be inserted is not specified.

L1: 2.5 ± 1.5 mm (0.098 \pm 0.059 in)

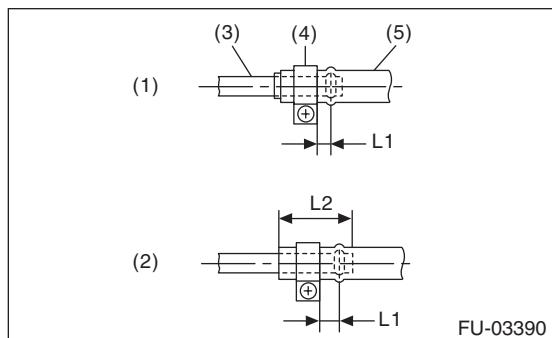
L2: 22.5 ± 2.5 mm (0.886 \pm 0.098 in)

Fuel Delivery and Evaporation Lines

FUEL INJECTION (FUEL SYSTEMS)

CAUTION:

Be sure to inspect hoses and their connections for any leakage of fuel.

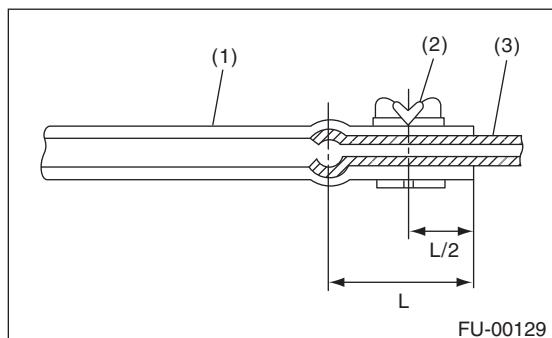


- (1) Type A
- (2) Type B
- (3) Pipe
- (4) Clamp
- (5) Hose

4. EVAPORATION HOSE CONNECTION

Connect the evaporation hose to the pipe with an overlap of 15 to 20 mm (0.59 to 0.79 in).

$L = 17.5 \pm 2.5 \text{ mm (0.689} \pm 0.098 \text{ in)}$



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

C: INSPECTION

- 1) Make sure that there are no cracks on the fuel pipes and fuel hoses.
- 2) Make sure the fuel pipe and fuel hose connections are tightened firmly.