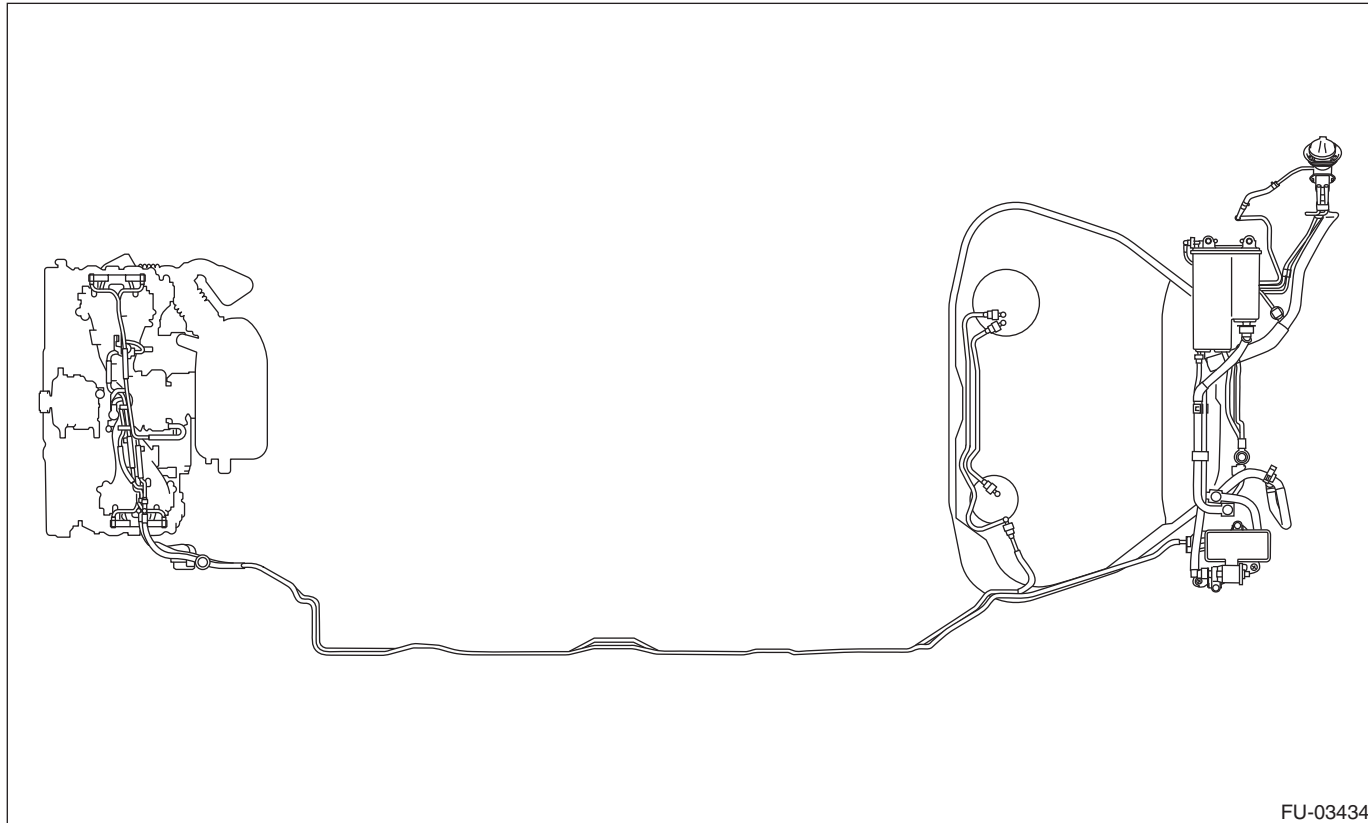


30. Fuel Delivery and Evaporation Lines

A: REMOVAL



WARNING:
Place “NO OPEN FLAMES” signs near the working area.

CAUTION:
Be careful not to spill fuel.

Fuel Delivery and Evaporation Lines

FUEL INJECTION (FUEL SYSTEMS)

- 1) Set the vehicle on a lift.
- 2) Release the fuel pressure. <Ref. to FU(H4SO)-43, 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-61, REMOVAL, Floor Mat.>
- 5) In the engine compartment, disconnect the fuel delivery hoses and evaporation hose.

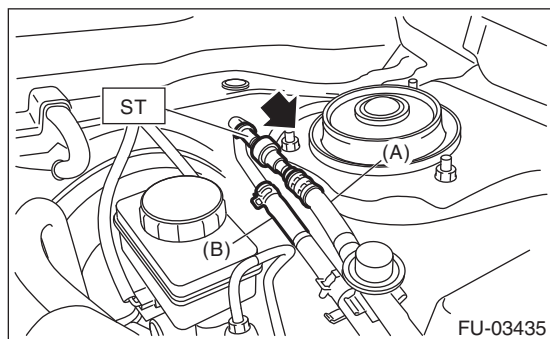
- (1) Disconnect the quick connector of the fuel delivery line by pushing the ST in the direction of the arrow.

ST 42099FE000 QUICK CONNECTOR
RELEASE

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

CAUTION:

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



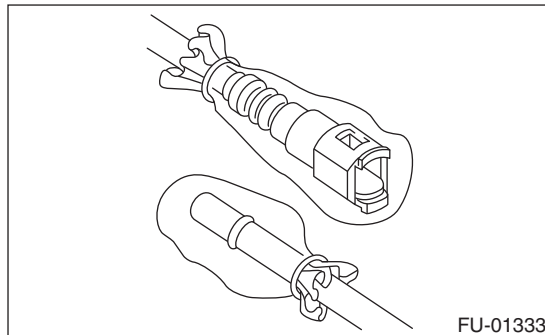
(A) Fuel delivery hose

(B) Evaporation hose

- 6) Remove the canister. <Ref. to EC(H4SO)-5, REMOVAL, Canister.>
- 7) Remove the fuel tank. <Ref. to FU(H4SO)-45, REMOVAL, Fuel Tank.>
- 8) Remove the fuel pipe assembly.

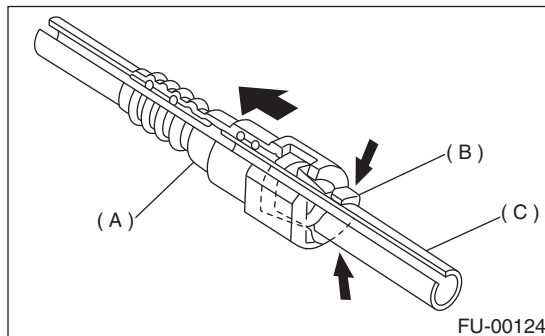
- 9) Disconnect the quick connector, then disconnect the fuel delivery tube and jet pump tube.

- (1) Clean the pipe and connector, if they are covered with dust.
- (2) To prevent from damaging or entering foreign matter, wrap the pipes and connectors with plastic bag etc.



- (3) Hold the connector (A) and push the retainer (B) down.

- (4) Pull out the connector (A) from the retainer (B).



(A) Connector

(B) Retainer

(C) Pipe

B: INSTALLATION

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

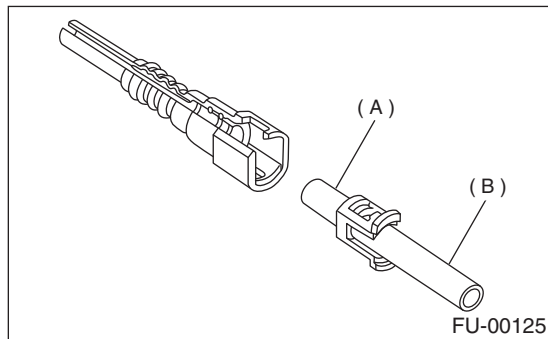
1. CONNECTING THE FUEL LINE QUICK CONNECTOR

CAUTION:

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

NOTE:

Use a new retainer.

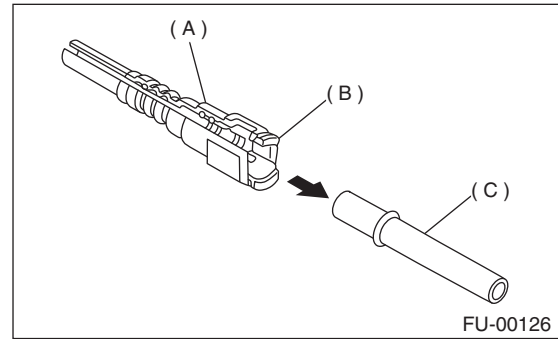


(A) Seal surface

(B) Pipe

1) Set the new retainer (B) to connector (A).

2) Push the pipe into the connector completely.



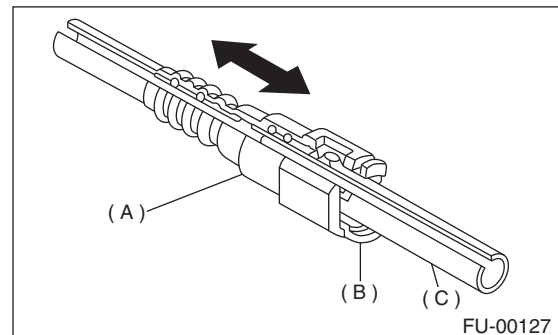
(A) Connector

(B) Retainer

(C) Pipe

CAUTION:

- Pull the connector to ensure it is connected securely.
- Make sure the two retainer claws are engaged in their mating positions in the connector.
- Be sure to inspect hoses and their connections for any leakage of fuel.



(A) Connector

(B) Retainer

(C) Pipe

Fuel Delivery and Evaporation Lines

FUEL INJECTION (FUEL SYSTEMS)

2. 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.

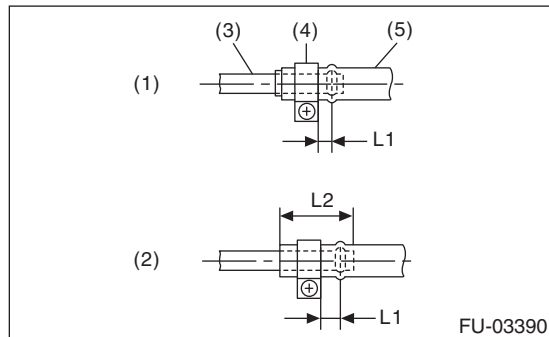
Type B: When the amount to be inserted is not specified.

L1: 2.5 ± 1.5 mm (0.098 ± 0.059 in)

L2: 22.5 ± 2.5 mm (0.886 ± 0.098 in)

CAUTION:

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

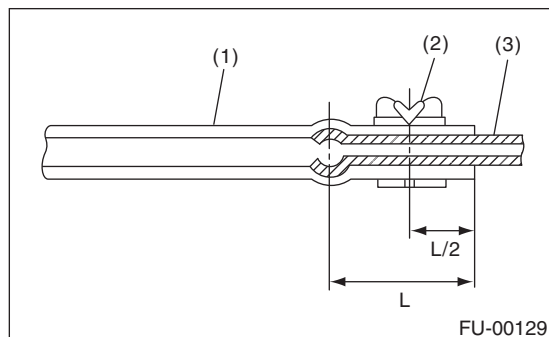


- (1) Type A
- (2) Type B
- (3) Pipe
- (4) Clamp
- (5) Hose

3. EVAPORATION HOSE CONNECTION

Insert the evaporation hose 15 to 20 mm (0.59 to 0.79 in) when connecting to the pipe.

L = 17.5 ± 2.5 mm (0.689 ± 0.098 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.