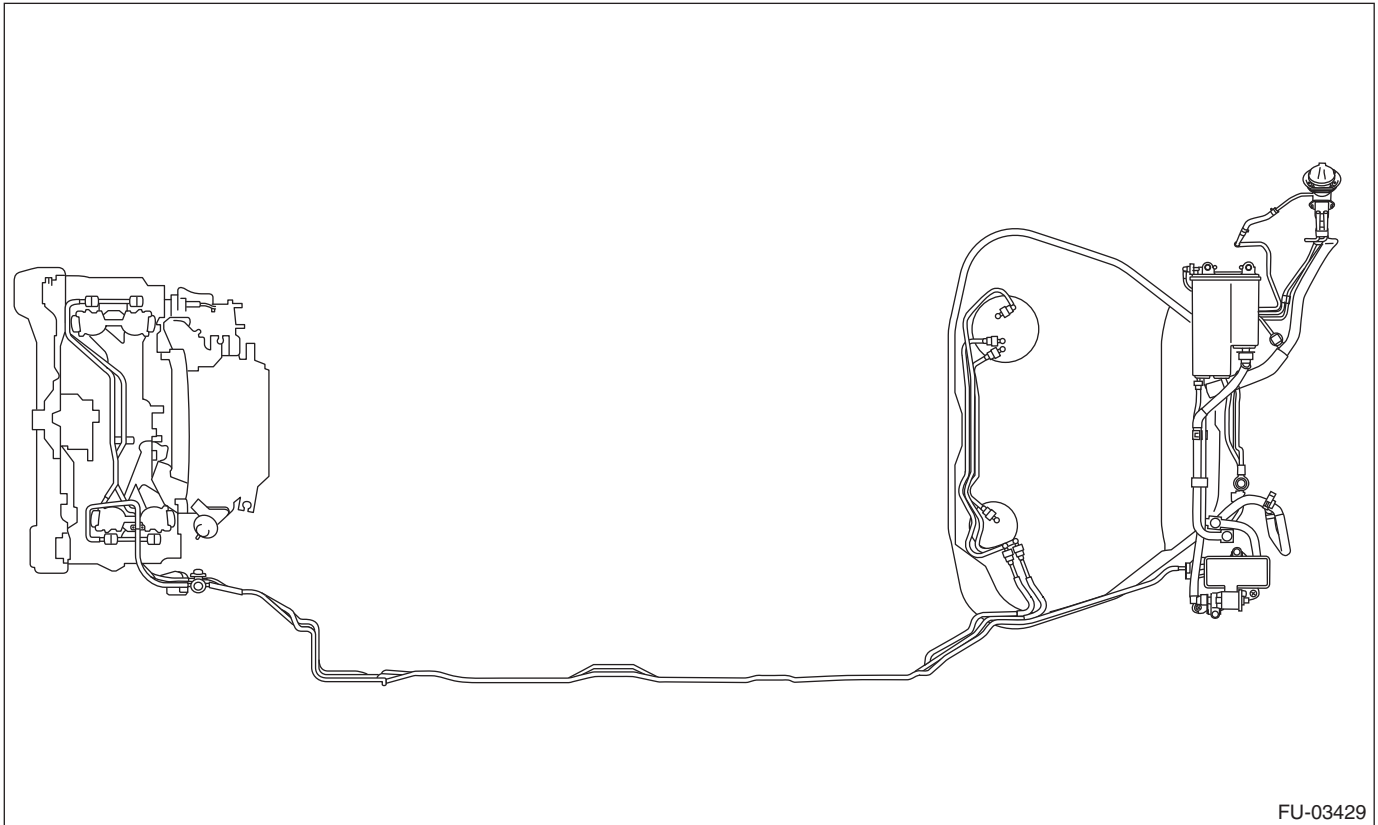


Fuel Delivery, Return and Evaporation Lines

FUEL INJECTION (FUEL SYSTEMS)

32. Fuel Delivery, Return and Evaporation Lines

A: REMOVAL



FU-03429

WARNING:

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

CAUTION:

Be careful not to spill fuel.

Fuel Delivery, Return and Evaporation Lines

FUEL INJECTION (FUEL SYSTEMS)

- 1) Set the vehicle on a lift.
- 2) Release the fuel pressure. <Ref. to FU(H4DOTC)-51, 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 hose, fuel return hose and evaporation hose.

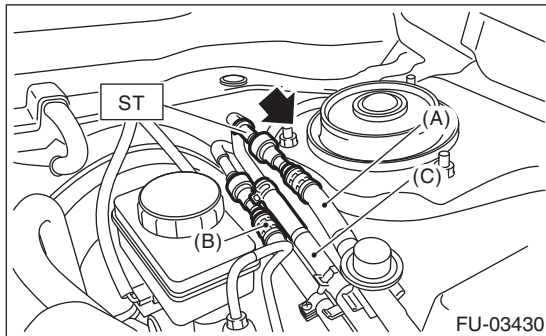
(1) Disconnect the quick connector on the fuel delivery line and return line by pushing the ST in the direction of the arrow.

ST 42099AE000 QUICK CONNECTOR
RELEASE

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

CAUTION:

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



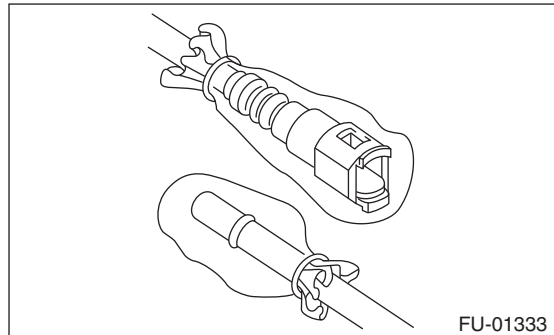
- (A) Fuel delivery hose
(B) Fuel return hose
(C) Evaporation hose

- 6) Remove the canister. <Ref. to EC(H4DOTC)-7, REMOVAL, Canister.>
- 7) Remove the fuel tank. <Ref. to FU(H4DOTC)-53, REMOVAL, Fuel Tank.>
- 8) Remove the fuel pipe assembly.

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

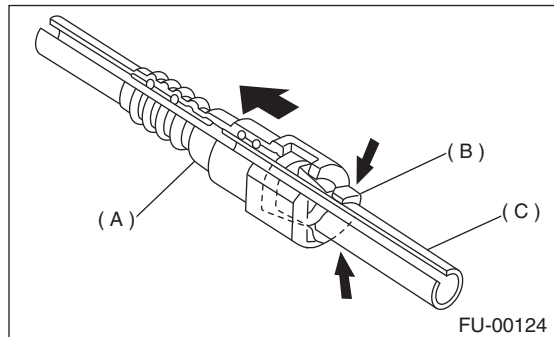
(1) Clean the pipe and connector, if they are covered with dust.

(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

Fuel Delivery, Return and Evaporation Lines

FUEL INJECTION (FUEL SYSTEMS)

B: INSTALLATION

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

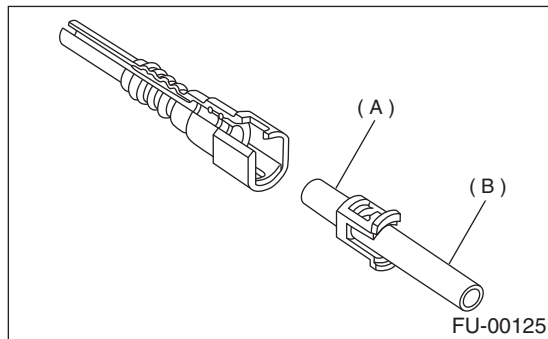
1. CONNECTING THE FUEL LINE QUICK CONNECTOR

CAUTION:

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

NOTE:

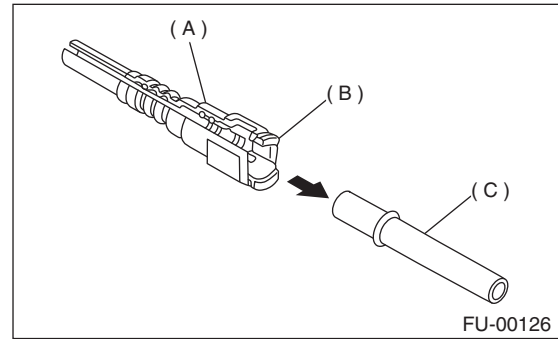
Use a new retainer.



- (A) Seal surface
- (B) Pipe

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

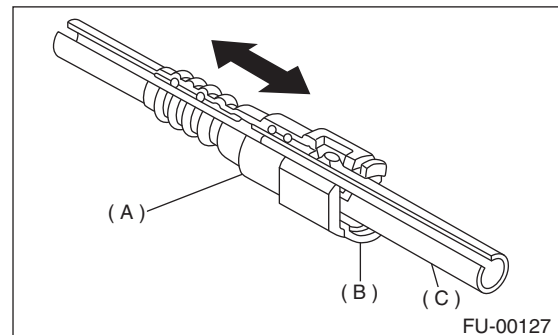
2) Push the pipe into the connector completely.



- (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

2. CONNECT FUEL DELIVERY HOSE AND FUEL RETURN HOSE

Connect the fuel delivery hose and fuel return 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.

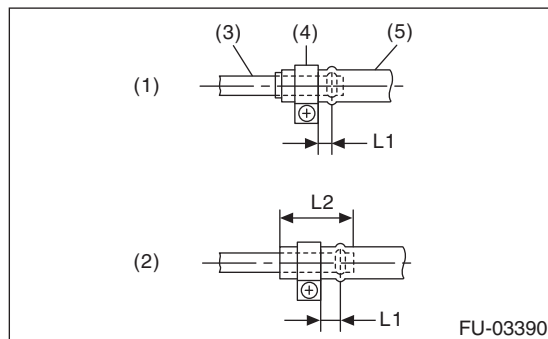
Type B: When the amount to be inserted is not specified.

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.

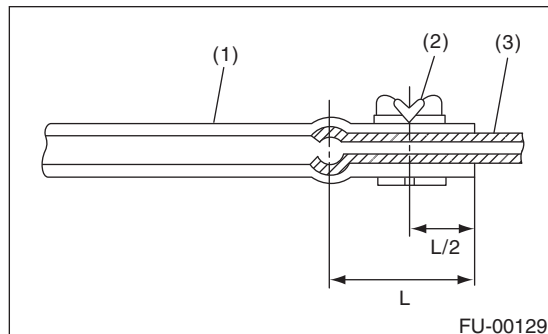


- (1) Type A
- (2) Type B
- (3) Pipe
- (4) Clamp
- (5) Hose

3. EVAPORATION HOSE CONNECTION

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

L = 17.5 ± 2.5 mm (0.689 ± 0.098 in)



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