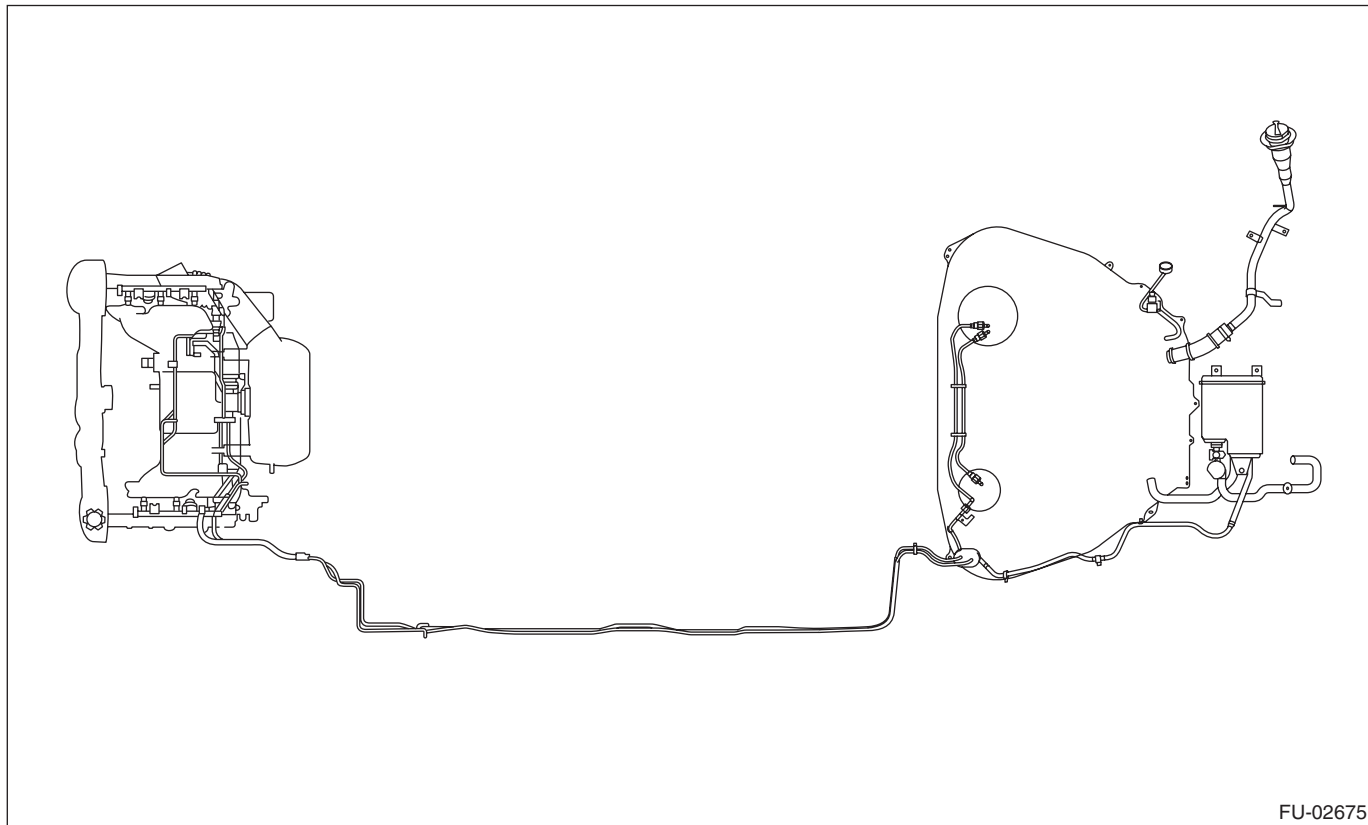


29. Fuel Delivery & Evaporation Lines

A: REMOVAL



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(H6DO)-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-48, REMOVAL, Floor Mat.>
- 5) Disconnect the fuel delivery pipe and hose and the evaporation pipe and hose.
- 6) In the engine compartment, disconnect the fuel delivery hoses and evaporation hose.

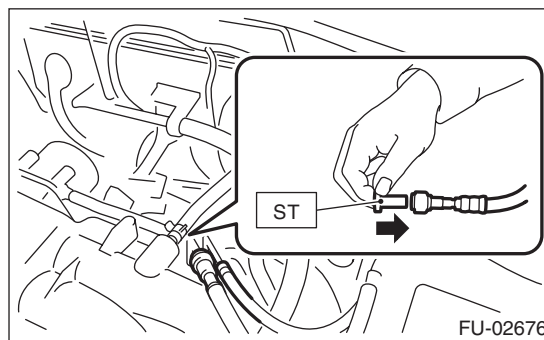
- (1) Disconnect the quick connector of the fuel delivery line by pushing the ST in the direction of the arrow.

ST 42099AE000 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.**



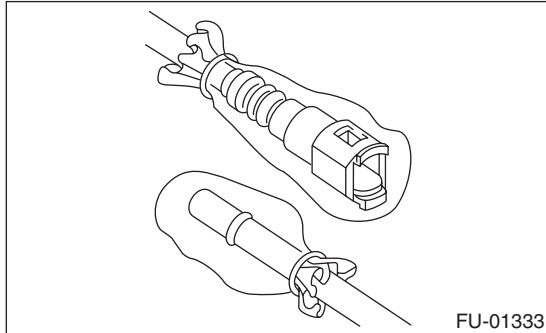
- 7) Lift up the vehicle.
- 8) Remove the fuel tank. <Ref. to FU(H6DO)-45, REMOVAL, Fuel Tank.>

Fuel Delivery & Evaporation Lines

FUEL INJECTION (FUEL SYSTEMS)

9) Separate the quick connector of fuel line.

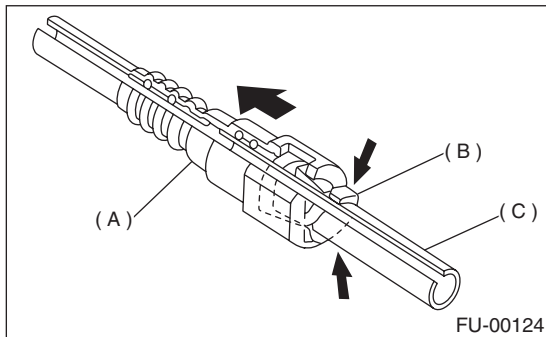
- (1) Clean the pipe and connector, if they are covered with dust.
- (2) To prevent from damaging or entering foreign matter, wrap the pipes and connectors with plastic bag etc.



- (3) Hold the connector (A) and push the retainer (B) down.
- (4) Pull out the connector (A) from the retainer (B).

NOTE:

Always use a new retainer except in use of engine compartment.



- (A) Connector
(B) Retainer
(C) Pipe

B: INSTALLATION

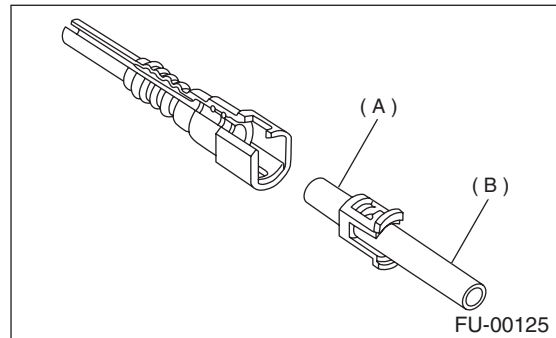
1) Connect the quick connector on fuel line.

CAUTION:

Make sure that the connected portion is not damaged or has dust. If necessary, clean seal surface of pipe.

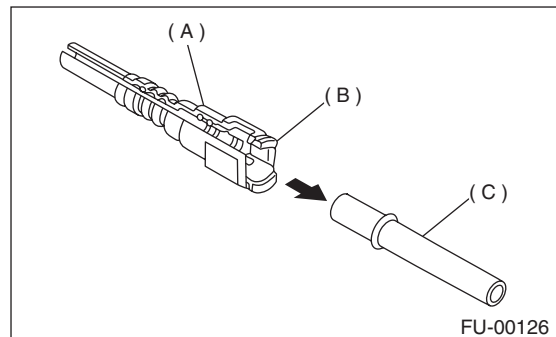
NOTE:

Always use a new retainer except in use of engine compartment.



- (A) Seal surface
(B) Pipe

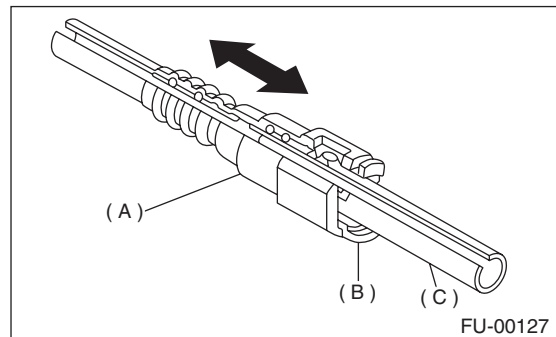
- (1) Set the new retainer (B) to connector (A).
- (2) Push the pipe into the connector completely.



- (A) Connector
(B) Retainer
(C) Pipe

CAUTION:

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



- (A) Connector
(B) Retainer
(C) Pipe

Fuel Delivery & Evaporation Lines

FUEL INJECTION (FUEL SYSTEMS)

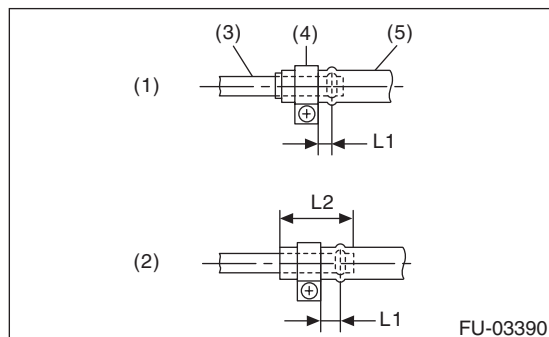
2) Connect the fuel delivery hose to the pipe with an overlap of 20 to 25 mm (0.79 to 0.98 in).

Type A: When the amount of inserting is specified.

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

$L1: 2.5 \pm 1.5 \text{ mm } (0.098 \pm 0.059 \text{ in})$

$L2: 22.5 \pm 2.5 \text{ mm } (0.886 \pm 0.098 \text{ in})$



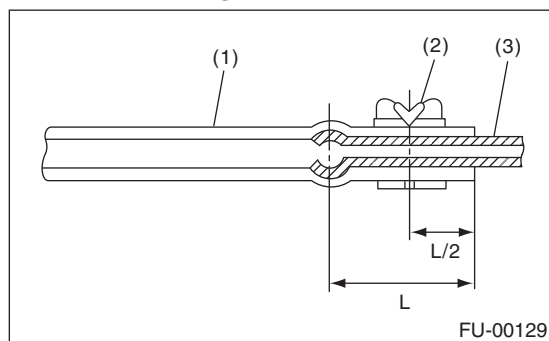
- (1) Type A
- (2) Type B
- (3) Pipe
- (4) Clamp
- (5) Hose

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

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

CAUTION:

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



- (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.