

### 29. Fuel Delivery & Evaporation Lines

#### A: REMOVAL

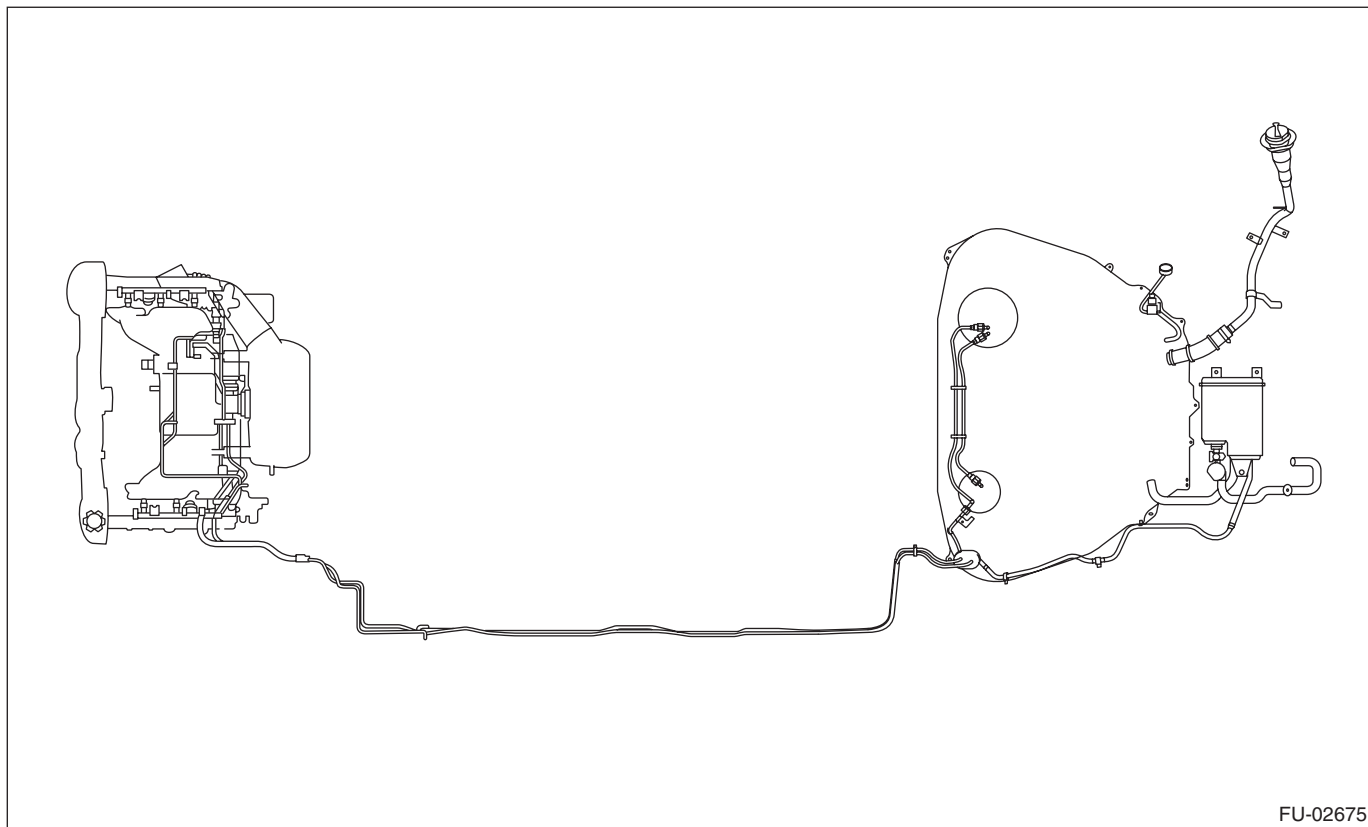
##### WARNING:

Place “NO FIRE” 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)-42, RELEASING OF FUEL PRESSURE, PROCEDURE, Fuel.>
- 3) Open the fuel filler flap lid, and remove the fuel filler cap.
- 4) Remove the floor mat. <Ref. to EI-49, REMOVAL, Floor Mat.>
- 5) Disconnect the fuel delivery pipe and hose and the evaporation pipe and hose.



FU-02675

# Fuel Delivery & Evaporation Lines

FUEL INJECTION (FUEL SYSTEMS)

6) In the engine compartment, disconnect the fuel delivery hoses and evaporation hose.

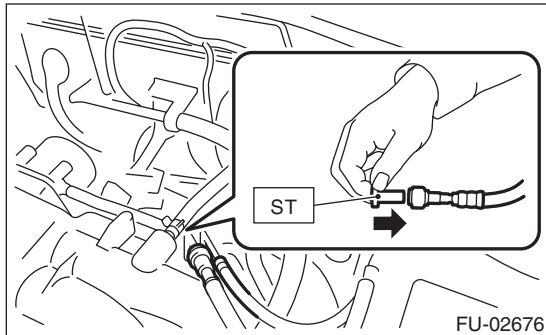
(1) Disconnect the quick connector of the fuel delivery line by pushing the ST in the direction of the arrow.

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.



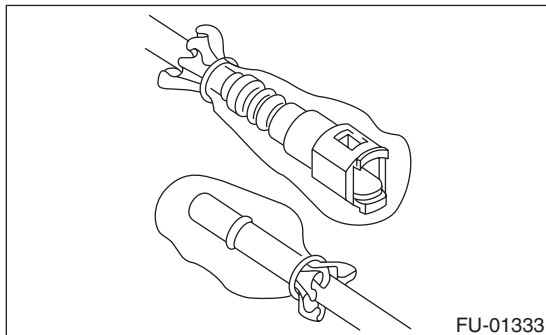
7) Lift up the vehicle.

8) Remove the fuel tank. <Ref. to FU(H6DO)-44, REMOVAL, Fuel Tank.>

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.

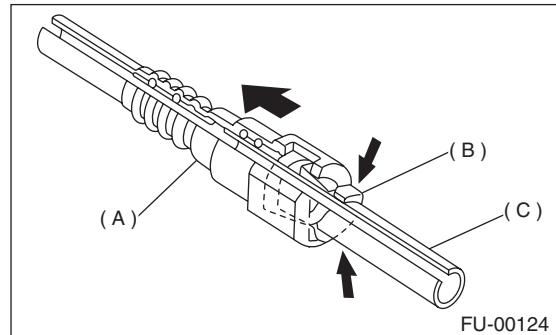


(3) Hold the connector (A) and push the retainer (B) down.

(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

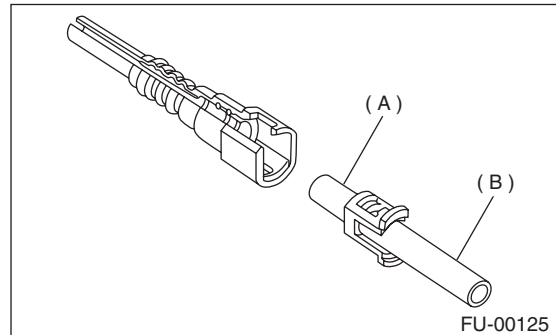
1) Connect the quick connector on fuel line.

## 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.



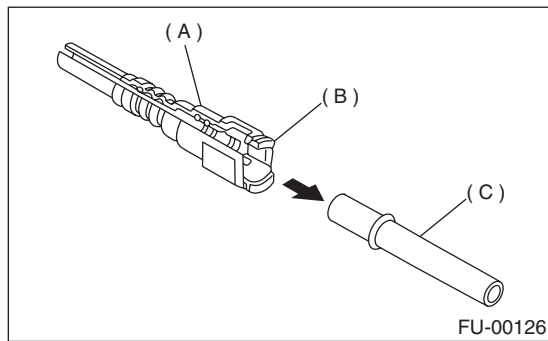
(A) Seal surface

(B) Pipe

# Fuel Delivery & Evaporation Lines

## FUEL INJECTION (FUEL SYSTEMS)

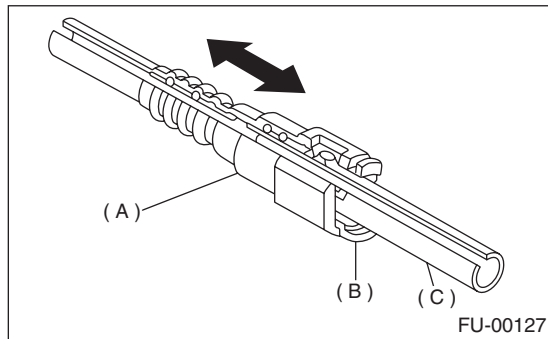
- (1) Set the new retainer (B) to connector (A).
- (2) Push the pipe into the connector completely.



- (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.



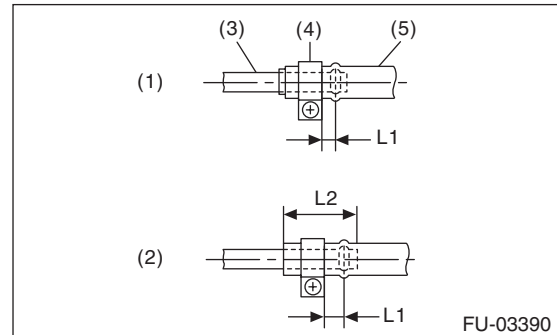
- (A) Connector  
(B) Retainer  
(C) Pipe

- 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:  $2.5 \pm 1.5$  mm ( $0.098 \pm 0.059$  in)**

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



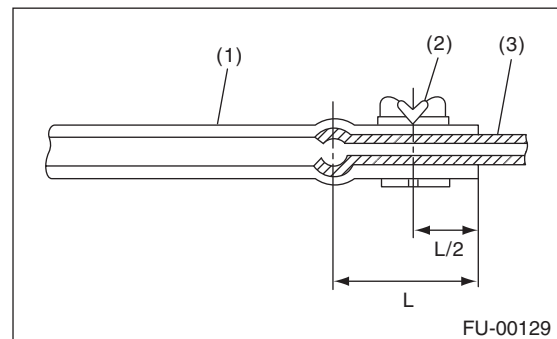
- (1) Type A  
(2) Type B  
(3) Pipe  
(4) Clamp  
(5) Hose

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

**L:  $17.5 \pm 2.5$  mm ( $0.689 \pm 0.098$  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.