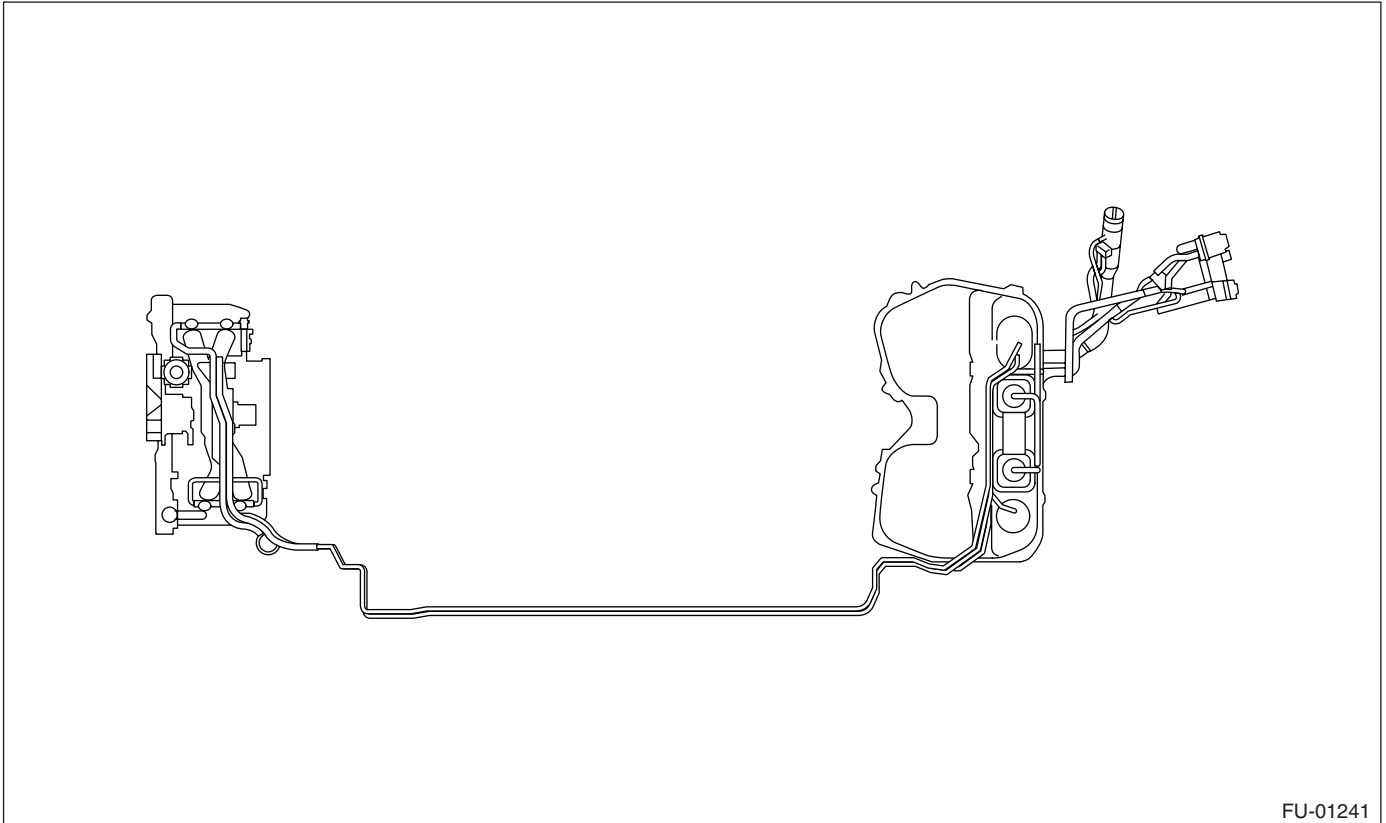


## 29. Fuel Delivery, Return and Evaporation Lines

### A: REMOVAL

- 1) Set the vehicle on the lift.
- 2) Release the fuel pressure. <Ref. to FU(H4SO)-49, RELEASING OF FUEL PRESSURE, OPERATION, Fuel.>
- 3) Open the fuel filler flap lid and remove the fuel filler cap.
- 4) Remove the floor mat. <Ref. to EI-46, REMOVAL, Floor Mat.>
- 5) Remove the fuel delivery pipes and hoses, fuel return pipes and hoses, evaporation pipes and hoses.

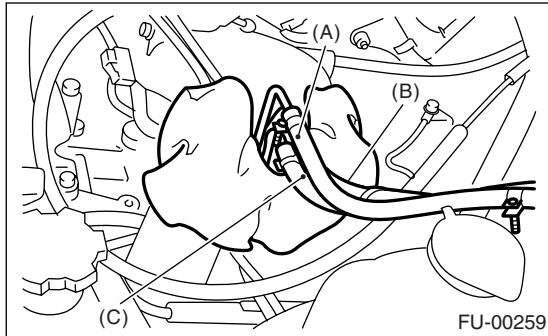


FU-01241

# FUEL DELIVERY, RETURN AND EVAPORATION LINES

## FUEL INJECTION (FUEL SYSTEMS)

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

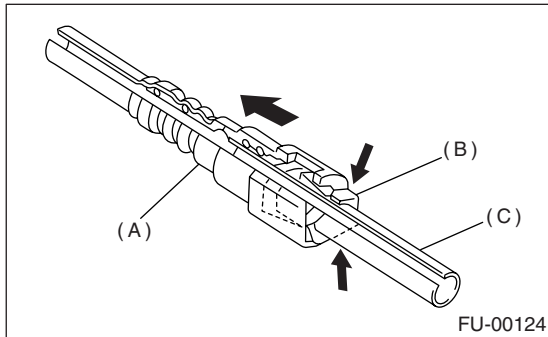


- (A) Fuel delivery hose
- (B) Return hose
- (C) Evaporation hose

7) Lift-up the vehicle.

8) Separate the quick connector on the fuel delivery and return line.

- (1) Clean the pipe and connector, if they are covered with dust.
- (2) Hold the connector (A) and push retainer (B) down.
- (3) Pull out the connector (A) from retainer (B).



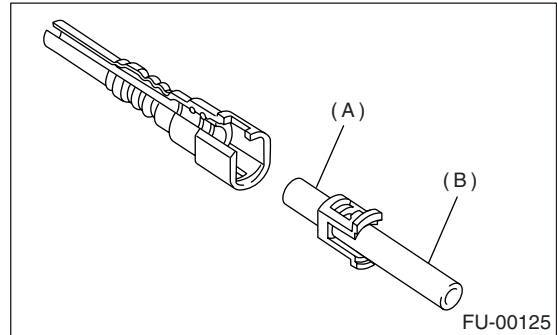
- (A) Connector
- (B) Retainer
- (C) Pipe

## B: INSTALLATION

1) Connect the quick connector on fuel delivery line.

### NOTE:

- Always use a new retainer.
- Make sure that the connected portion is not damaged or has dust. If necessary, clean seal surface of pipe.

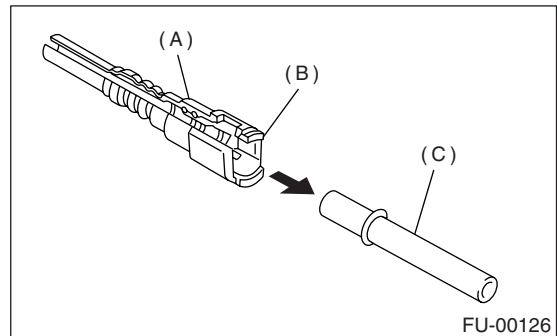


- (A) Seal surface
- (B) Pipe

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

### NOTE:

At this time, two clicking sounds are heard.



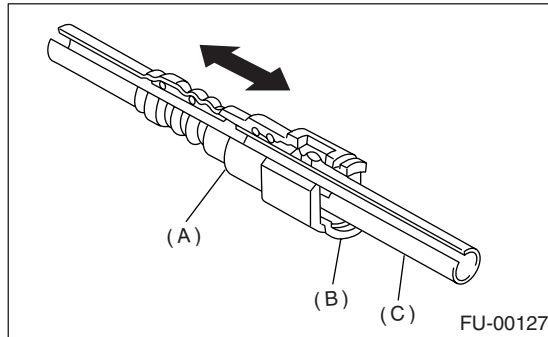
- (A) Connector
- (B) Retainer
- (C) Pipe

# FUEL DELIVERY, RETURN AND EVAPORATION LINES

FUEL INJECTION (FUEL SYSTEMS)

## CAUTION:

- Pull and push the connector to ensure it is connected securely.
- Ensure the two retainer pawls 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

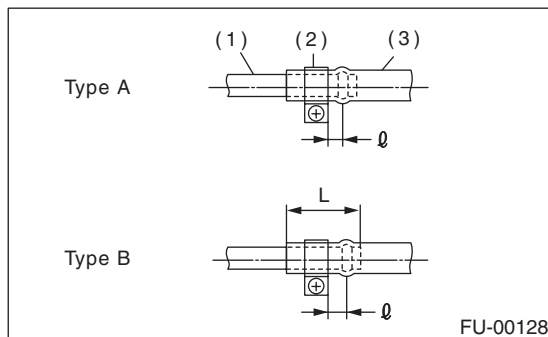
2) Connect the fuel delivery hose to the pipe with an overlap of 20 to 25 mm (0.79 to 0.98 in).

Type A: When the fitting length is specified.

Type B: When the fitting length is not specified.

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

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



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

3) Connect the fuel hose to pipe by approx. 20 to 25 mm (0.79 to 0.98 in) from the hose end and fuel evaporation hose by approx. 15 to 20 mm (0.59 to 0.79 in).

**Fuel return hose:**

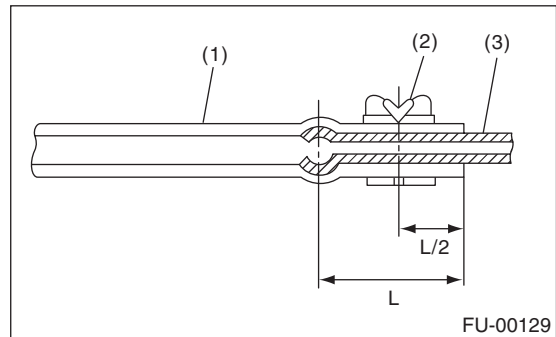
$$L = 22.5 \pm 2.5 \text{ mm } (0.885 \pm 0.098 \text{ in})$$

**Fuel evaporation hose:**

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

## CAUTION:

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



- (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 that the fuel pipe and fuel hose connections are tight.