

FUEL DELIVERY, RETURN AND EVAPORATION LINES

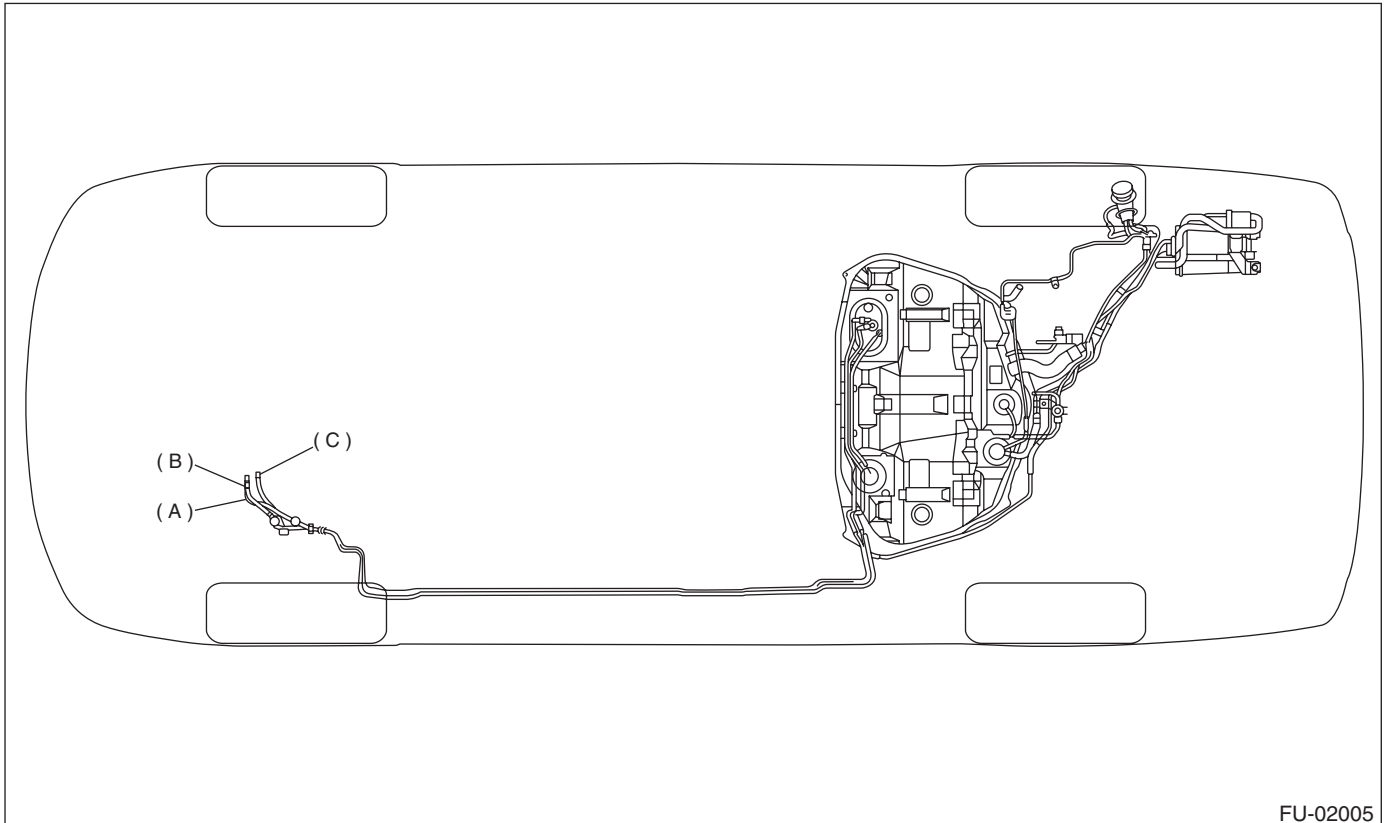
FUEL INJECTION (FUEL SYSTEMS)

32. Fuel Delivery, Return and Evaporation Lines

A: REMOVAL

- 1) Set vehicle on the lift.
- 2) Release fuel pressure. <Ref. to FU(H4DOTC)-48, RELEASING OF FUEL PRESSURE, OPERATION, Fuel.>
- 3) Open fuel filler flap lid and remove fuel filler cap.

- 4) Remove fuel tank. <Ref. to FU(H4DOTC)-51, REMOVAL, Fuel Tank.>
- 5) Remove fuel filler pipe. <Ref. to FU(H4DOTC)-59, REMOVAL, Fuel Filler Pipe.>
- 6) Remove floor mat. <Ref. to EI-45, REMOVAL, Floor Mat.>
- 7) Remove fuel delivery pipes and hoses, fuel return pipes and hoses, evaporation pipes and hoses.



FU-02005

(A) Fuel delivery line

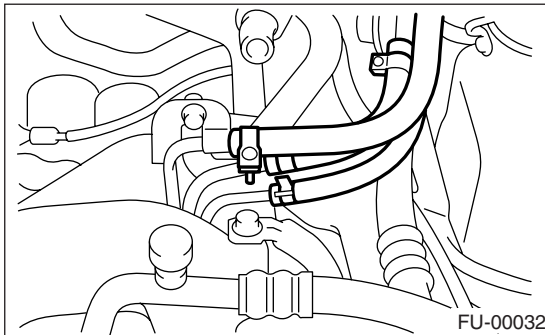
(B) Fuel return line

(C) Evaporation line

- 8) In engine room, detach fuel delivery hoses, return hoses and evaporation hose.

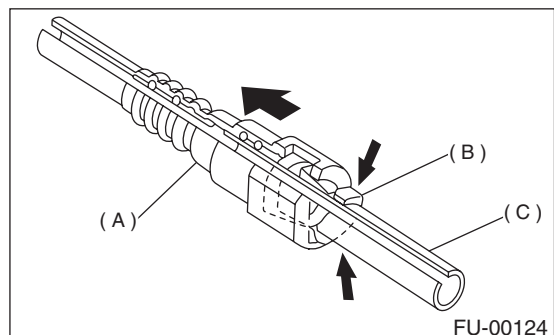
- (3) Pull out connector (A) from retainer (B).

CAUTION:
Replace retainer with new ones.



- 9) Separate quick connector on fuel delivery and return line.

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



(A) Connector

(B) Retainer

(C) Pipe

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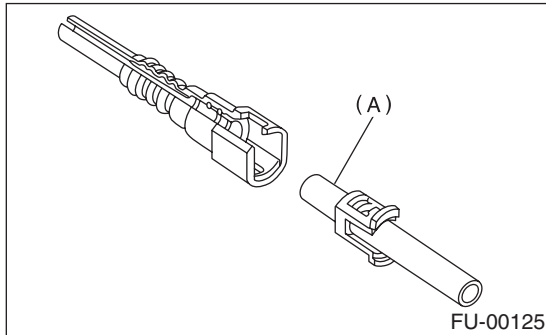
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B: Installation

1) Connect quick connector on fuel delivery and return line.

CAUTION:

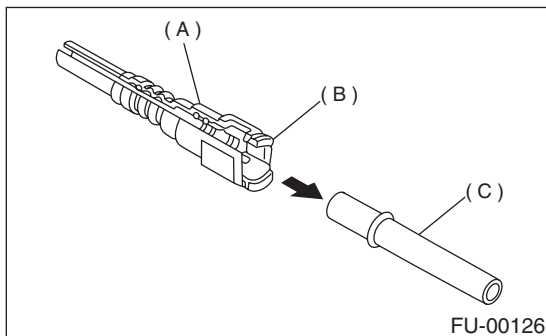
- Always use a new retainer.
- Make sure that the connected portion is not damaged or has dust. If necessary, clean seal surface (A) of pipe.



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

NOTE:

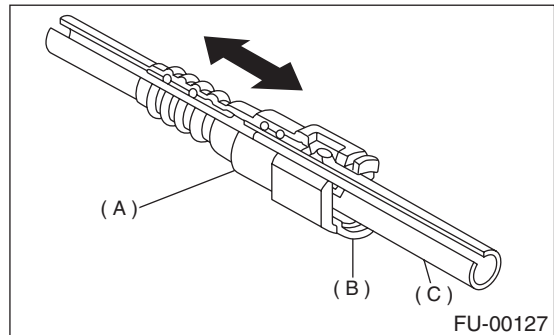
At this time, two clicking sounds are heard.



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

CAUTION:

- Pull 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

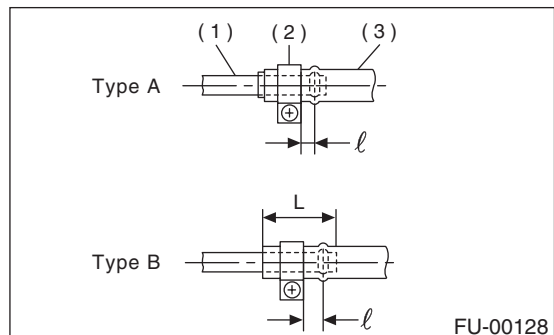
2) Connect fuel delivery hose to pipe with an overlap of 20 to 25 mm (0.79 to 0.98 in).

Type A: When insertion length is specified.

Type B: When insertion 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

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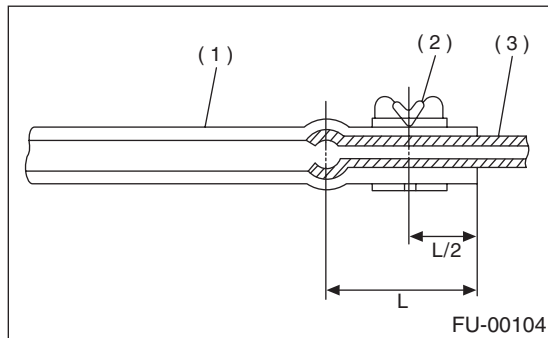
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3) Connect evaporation hose to pipe by approx. 15 mm (0.59 in) from hose end.

$L = 17.5 \pm 2.5 \text{ mm}$ (0.689 ± 0.098 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.