

15. Fuel Injector

A: REMOVAL

1) Release the fuel pressure. <Ref. to FU(H4DO(HEV))-98, RELEASING OF FUEL PRESSURE, PROCEDURE, Fuel.>

2) Disconnect the ground cable from battery. <Ref. to NT-5, BATTERY, NOTE, Note.>

NOTE:

For the 12 volt engine restart battery, disconnect the ground terminal from 12V engine restart battery sensor.

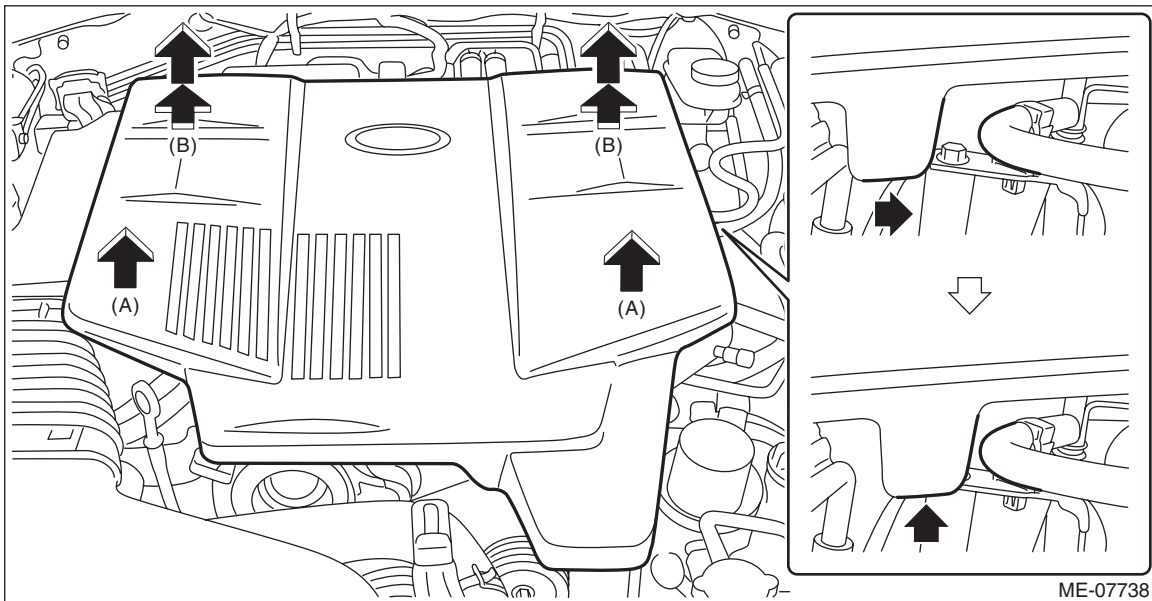
3) Remove the collector cover.

(1) Carefully pull up the front of collector cover at two positions (A).

(2) Carefully pull up the rear of collector cover at two positions (B) while moving it backward.

NOTE:

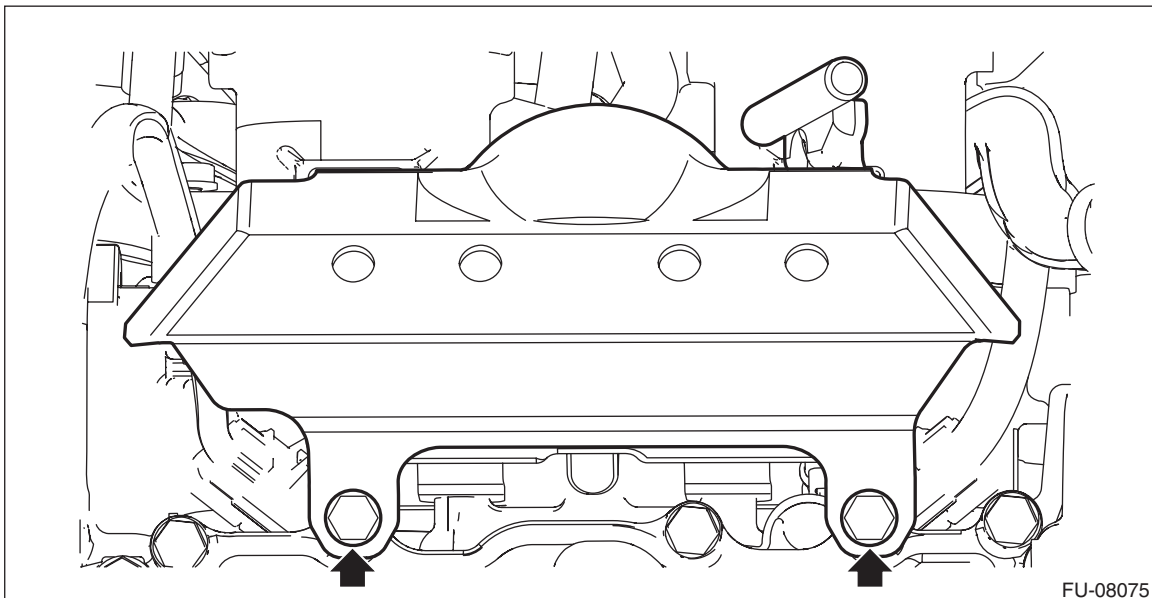
Be careful not to contact the fuel delivery tube when moving the collector cover rearward.



4) Open the fuel filler lid and remove the fuel filler cap.

5) Remove the intake duct. (RH side only) <Ref. to IN(H4DO(HEV))-16, REMOVAL, Intake Duct.>

6) Remove the intake manifold protector RH.



7) Disconnect the connectors (A) from fuel injector.

Fuel Injector

FUEL INJECTION (FUEL SYSTEMS)

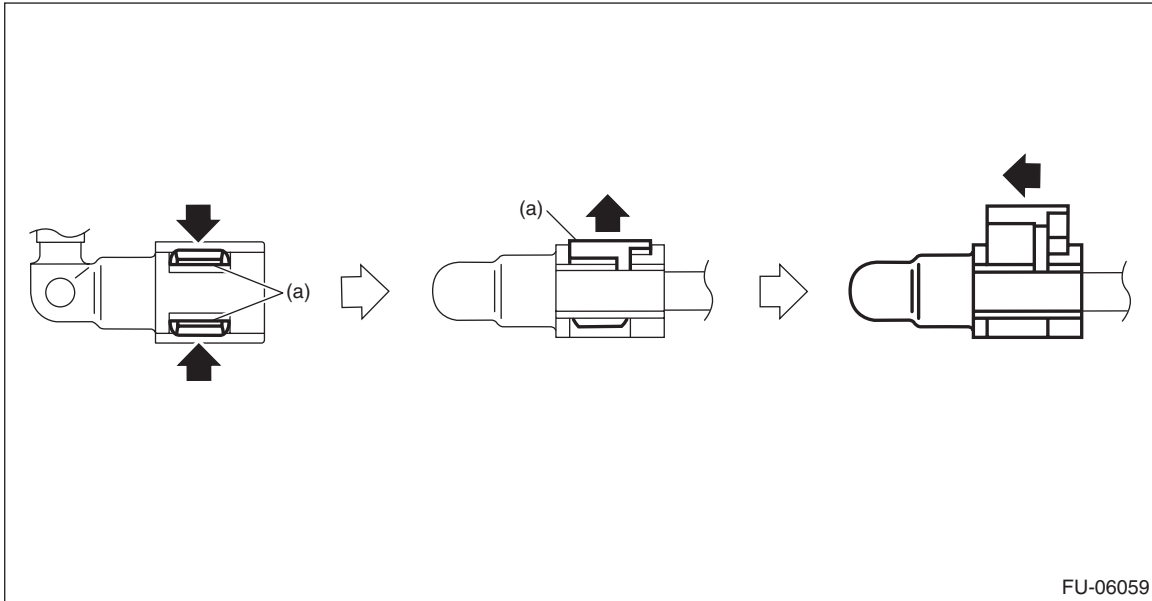
8) Disconnect the quick connector (B) of the fuel delivery pipe from the fuel pipe.

CAUTION:

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

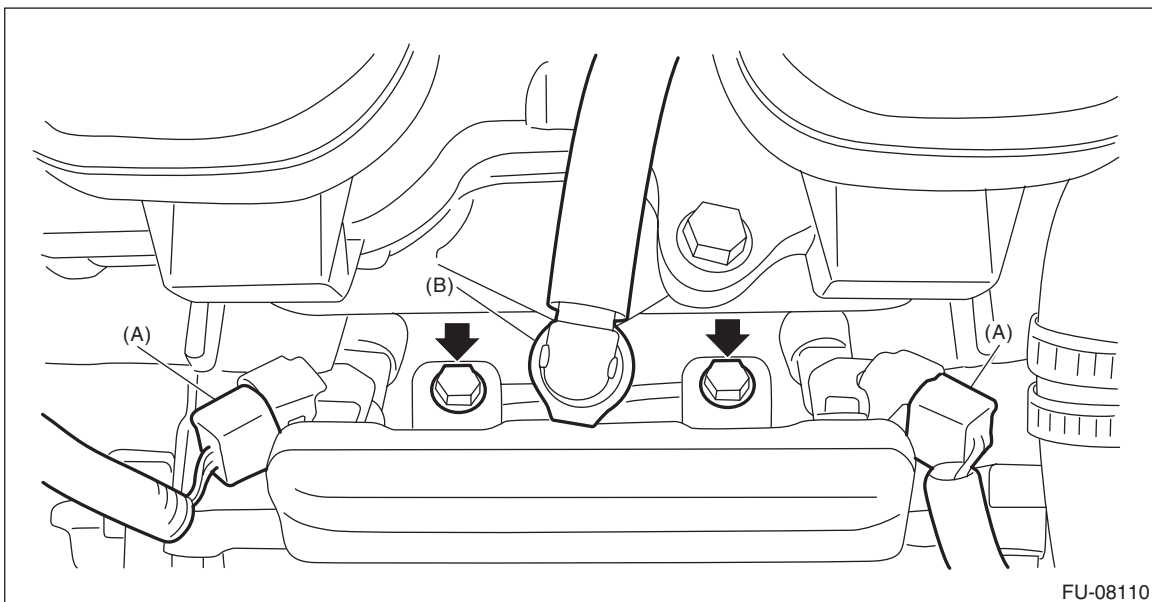
NOTE:

Disconnect the quick connector as shown in the figure.



(a) Slider

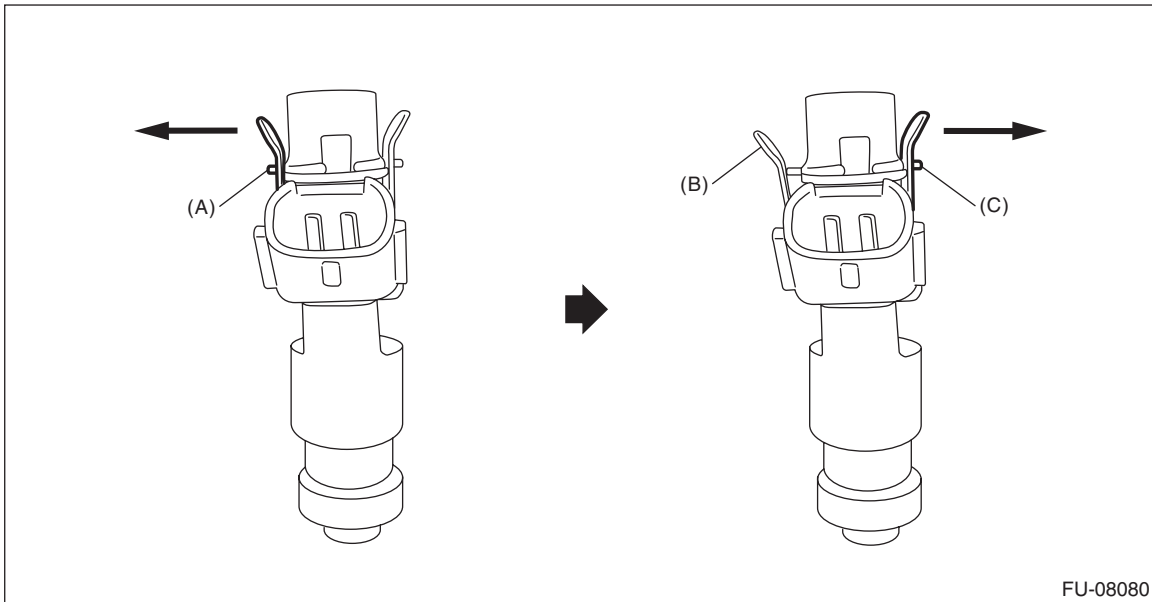
9) Remove the bolts which hold fuel pipe onto the cam carrier, and remove the fuel pipe together with the fuel injector.



10) Remove the fuel injector from the fuel pipe.

(1) Remove the fuel injector holder from one side of flange section (A) of the fuel pipe.

(2) While holding one side of fuel injector holder (B) you removed in step (1) by finger, remove the other side of fuel injector holder from the flange section (C) of the fuel pipe.



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(3) Remove the fuel injector holder from the fuel pipe and fuel injector, and remove the fuel injector from the fuel pipe.

(4) Remove the fuel injector on the LH side in the same manner.

Fuel Injector

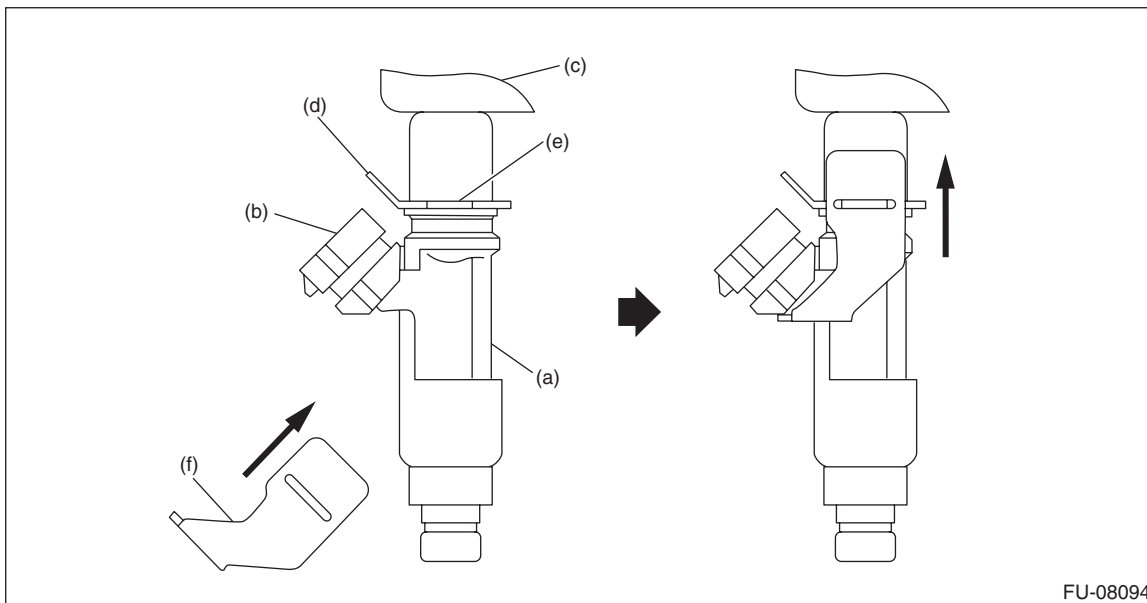
FUEL INJECTION (FUEL SYSTEMS)

B: INSTALLATION

Install in the reverse order of removal.

NOTE:

- Use new fuel injector holder, O-rings, rubbers and seal rings.
- Install the fuel injector so that the connector joint faces the connector rotation stopper side of the fuel pipe.
- Securely put the flange section of fuel pipe into the groove of fuel injector holder.



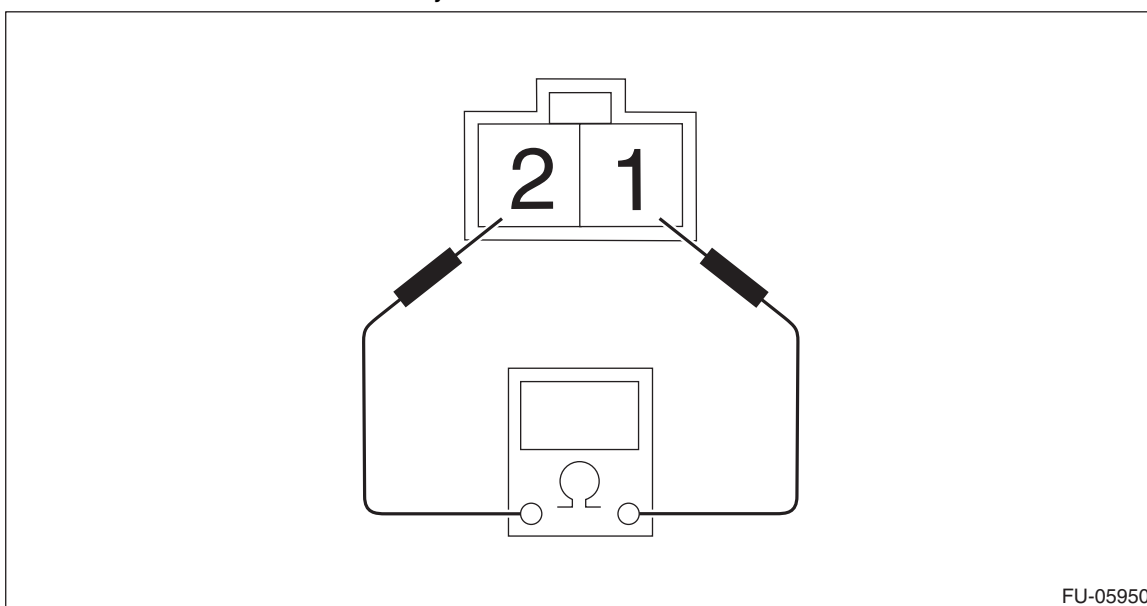
- | | | |
|--------------------------------|---------------------|--------------------------|
| (a) Fuel injector | (b) Connector joint | (c) Fuel pipe |
| (d) Connector rotation stopper | (e) Flange section | (f) Fuel injector holder |

Tightening torque:

6.4 N·m (0.7 kgf-m, 4.7 ft-lb)

C: INSPECTION

- 1) Check that the fuel injector has no deformation, cracks or other damages.
- 2) Measure the resistance between fuel injector terminals.



Terminal No.	Standard
1 and 2	Approx. 12.0 Ω (when 20°C (68°F))