

# Fuel Insulator

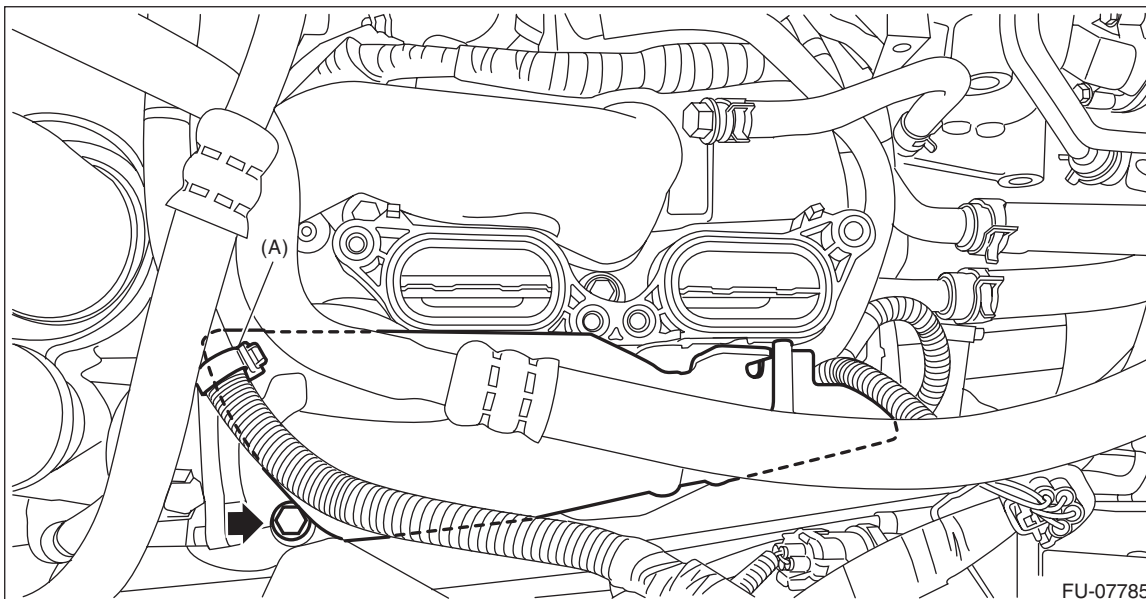
FUEL INJECTION (FUEL SYSTEMS)

## 6. Fuel Insulator

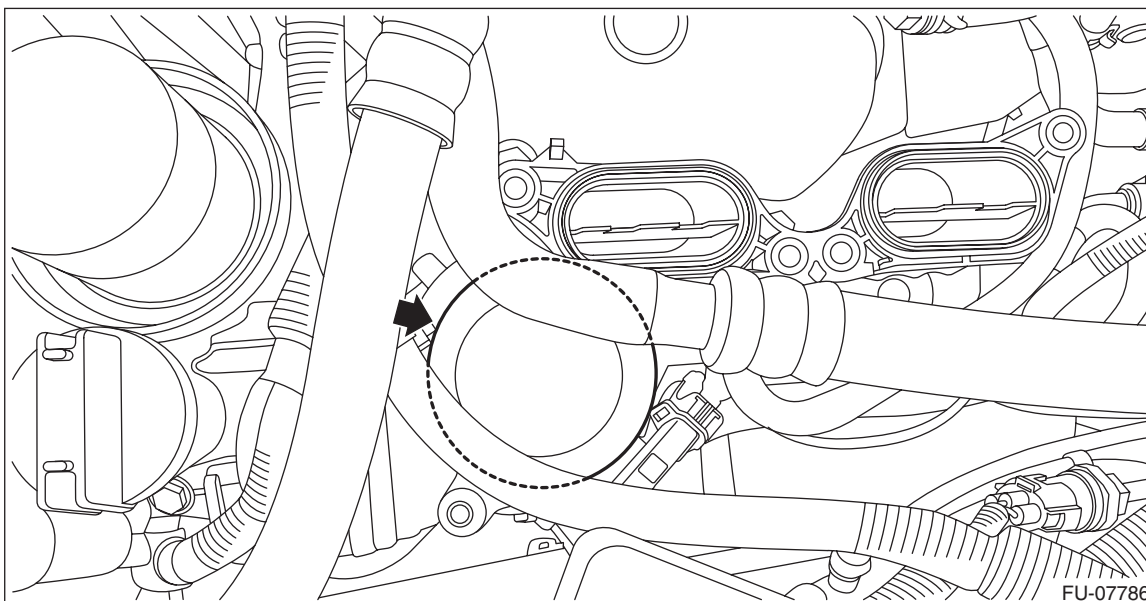
### A: REMOVAL

#### 1. FUEL PUMP INSULATOR

- 1) Disconnect the ground terminal from battery sensor. <Ref. to NT-5, BATTERY, NOTE, Note.>
- 2) Remove the intake manifold. <Ref. to FU(w/o STI)-18, REMOVAL, Intake Manifold.>
- 3) Remove the clip (A) on the generator cord, and remove the fuel pipe protector.

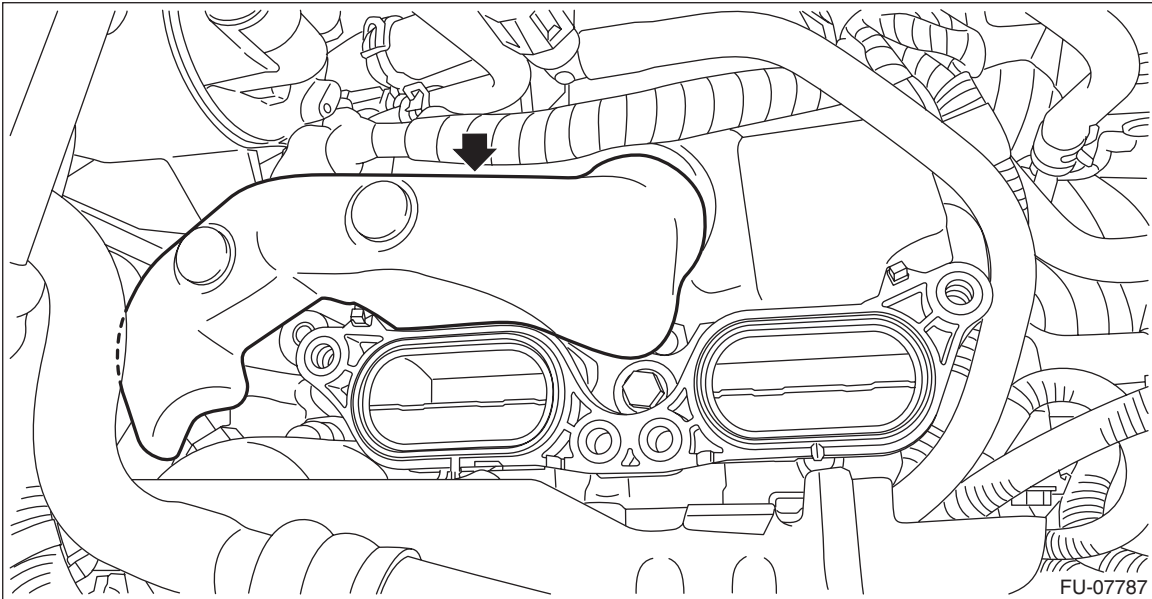


- 4) Remove the fuel pump insulator.



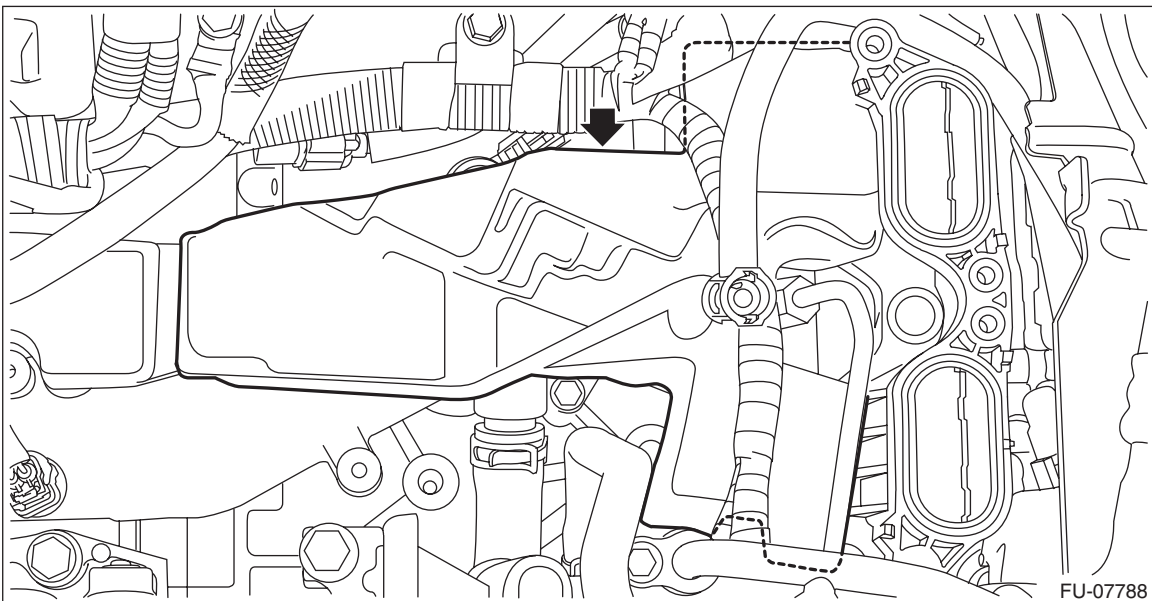
### 2. FUEL PIPE INSULATOR NO. 1

- 1) Disconnect the ground terminal from battery sensor. <Ref. to NT-5, BATTERY, NOTE, Note.>
- 2) Remove the intake manifold. <Ref. to FU(w/o STI)-18, REMOVAL, Intake Manifold.>
- 3) Remove the fuel pipe insulator No. 1.



### 3. FUEL PIPE INSULATOR NO. 2

- 1) Remove the fuel pipe insulator No. 1. <Ref. to FU(w/o STI)-47, FUEL PIPE INSULATOR NO. 1, REMOVAL, Fuel Insulator.>
- 2) Remove the fuel pipe insulator No. 2.

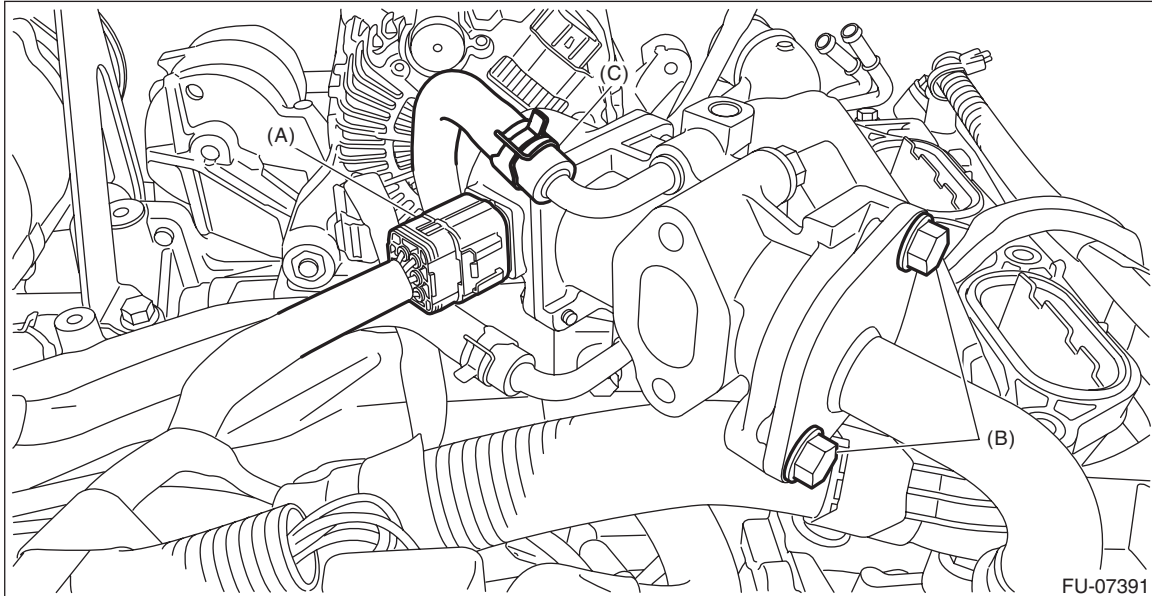


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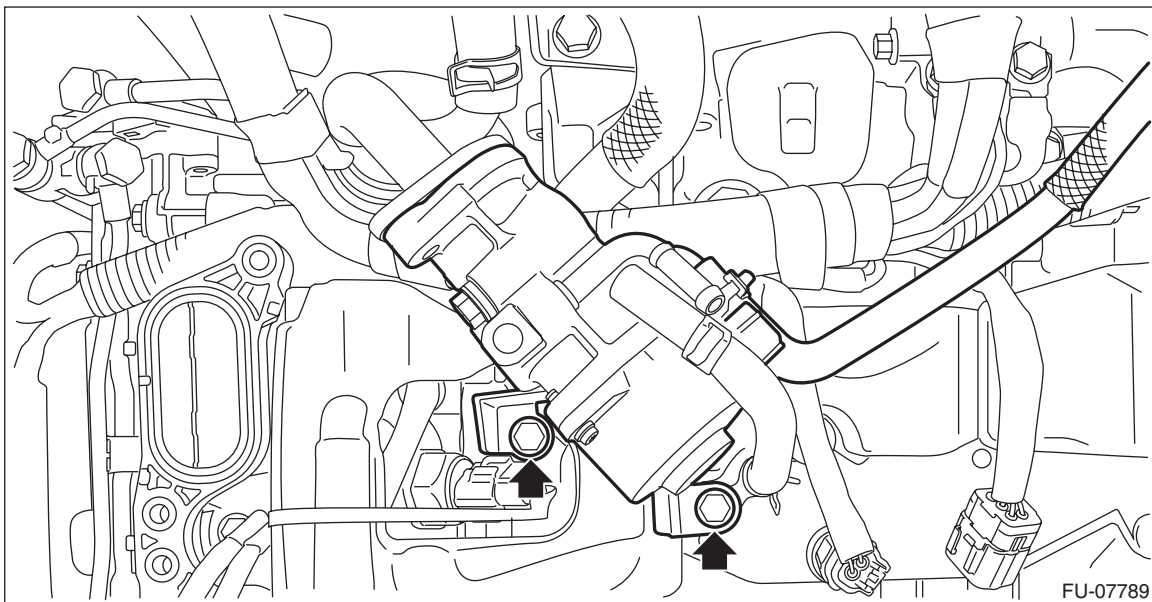
## FUEL INJECTION (FUEL SYSTEMS)

### 4. FUEL PIPE INSULATOR NO. 3

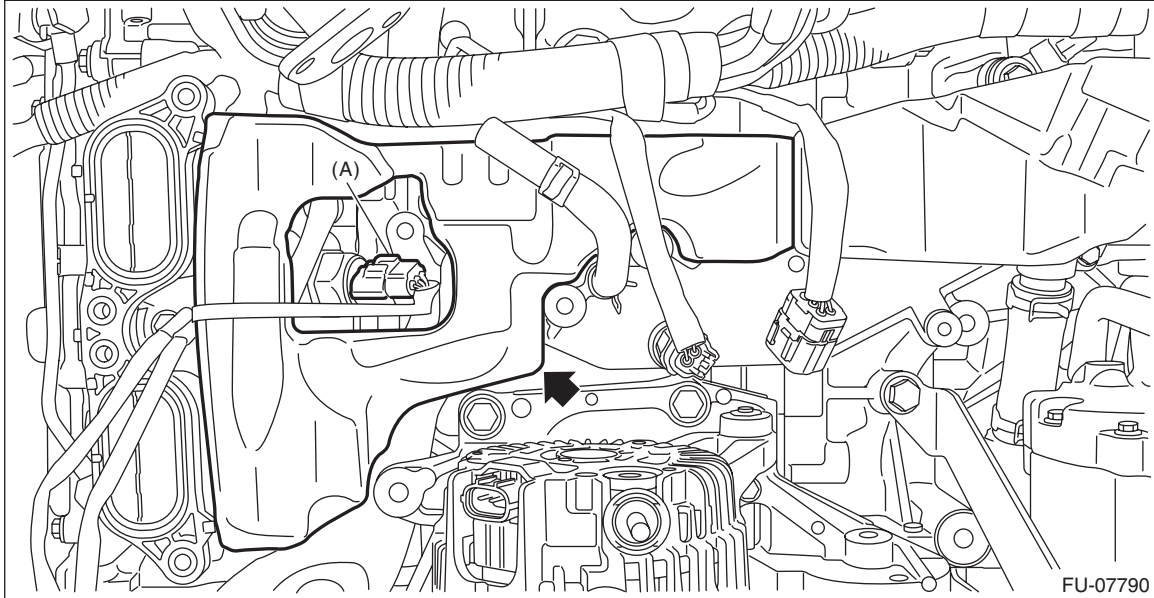
- 1) Disconnect the ground terminal from battery sensor. <Ref. to NT-5, BATTERY, NOTE, Note.>
- 2) Remove the intake manifold. <Ref. to FU(w/o STI)-18, REMOVAL, Intake Manifold.>
- 3) Disconnect the connector (A) from the EGR control valve.
- 4) Remove the bolts (B) securing the EGR cooler to the EGR control valve.
- 5) Remove the preheater hose (C) from the EGR control valve.



- 6) Remove the EGR control valve.



- 7) Disconnect the connector (A) on the fuel pressure sensor, and remove the fuel pipe insulator No. 3.



## B: INSTALLATION

### 1. FUEL PUMP INSULATOR

Install in the reverse order of removal.

#### *Tightening torque:*

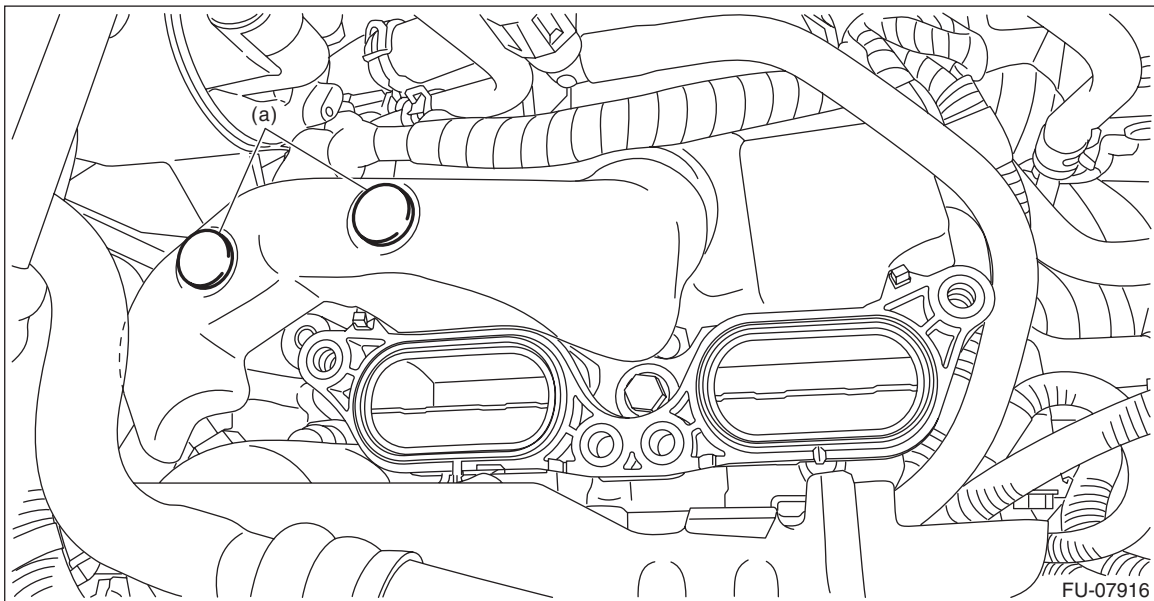
**19 N·m (1.9 kgf-m, 14.0 ft-lb)**

### 2. FUEL PIPE INSULATOR NO. 1

Install in the reverse order of removal.

#### NOTE:

When installing the fuel pipe insulator No. 1, push the sections (a) of fuel pipe insulator No. 1 to fix it to the high-pressure fuel delivery pipe.



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## **3. FUEL PIPE INSULATOR NO. 2**

Install in the reverse order of removal.

## **4. FUEL PIPE INSULATOR NO. 3**

Install in the reverse order of removal.

NOTE:

Use a new gasket.

*Tightening torque:*

*19 N·m (1.9 kgf-m, 14.0 ft-lb)*

## **C: INSPECTION**

Check that the fuel insulator has no deformation, cracks or other damages.