

# Fuel Injector

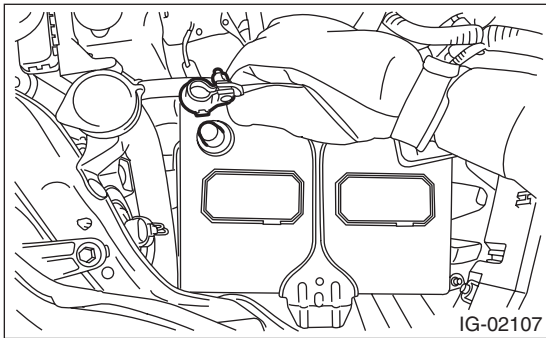
## FUEL INJECTION (FUEL SYSTEMS)

### 11. Fuel Injector

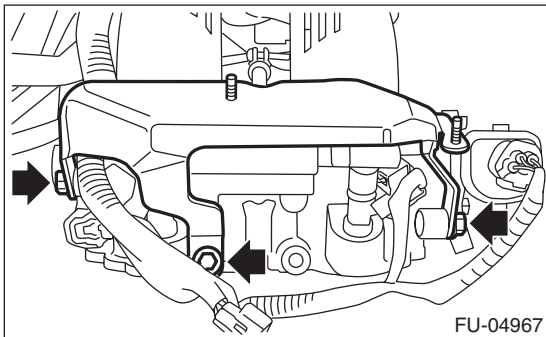
#### A: REMOVAL

##### 1. RH SIDE

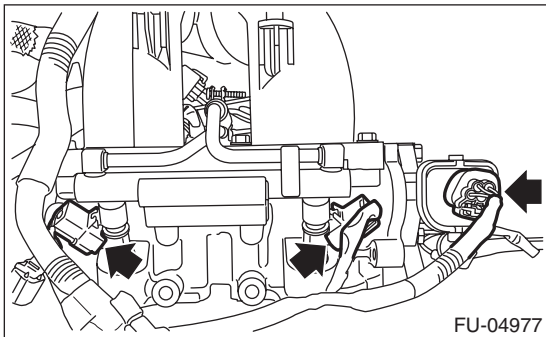
- 1) Release the fuel pressure. <Ref. to FU(H4DOTC)-66, RELEASING OF FUEL PRESSURE, PROCEDURE, Fuel.>
- 2) Remove the collector cover.
- 3) Disconnect the ground cable from battery.



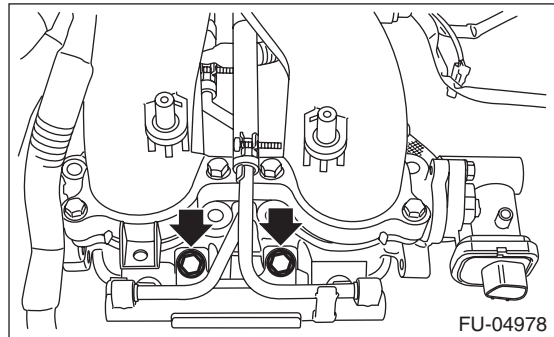
- 4) Open the fuel filler lid and remove the fuel filler cap.
- 5) Remove the intake manifold. <Ref. to FU(H4DOTC)-17, REMOVAL, Intake Manifold.>
- 6) Remove the intake manifold protector RH from intake manifold.



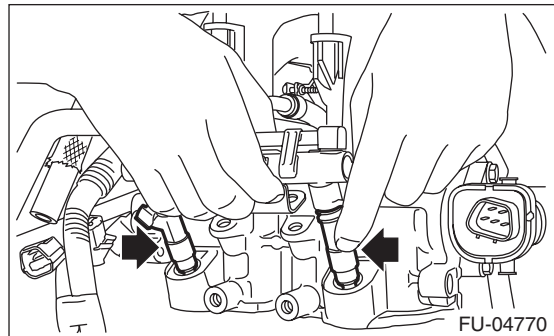
- 7) Disconnect the connector from the fuel injector and tumble generator valve assembly.



- 8) Remove the bolt which secures the fuel pipe to the intake manifold.

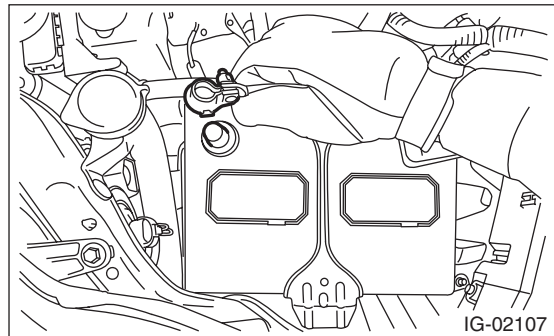


- 9) Remove the fuel injector.



##### 2. LH SIDE

- 1) Release the fuel pressure. <Ref. to FU(H4DOTC)-66, RELEASING OF FUEL PRESSURE, PROCEDURE, Fuel.>
- 2) Remove the collector cover.
- 3) Disconnect the ground cable from battery.

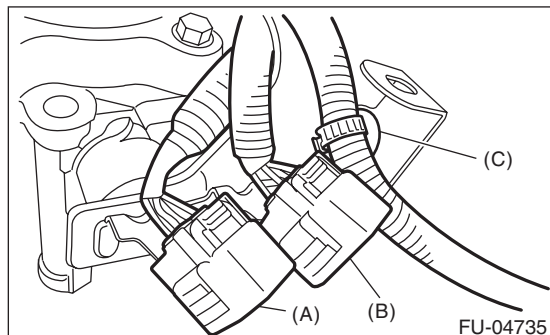


- 4) Open the fuel filler lid and remove the fuel filler cap.
- 5) Remove the intake manifold. <Ref. to FU(H4DOTC)-17, REMOVAL, Intake Manifold.>

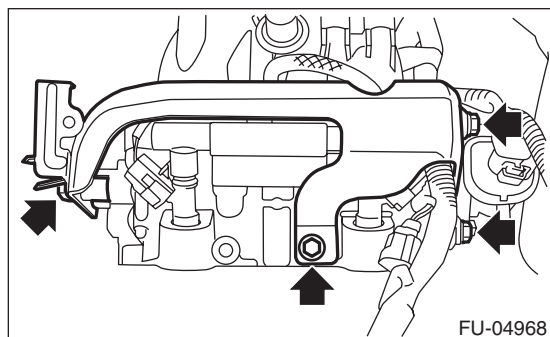
# Fuel Injector

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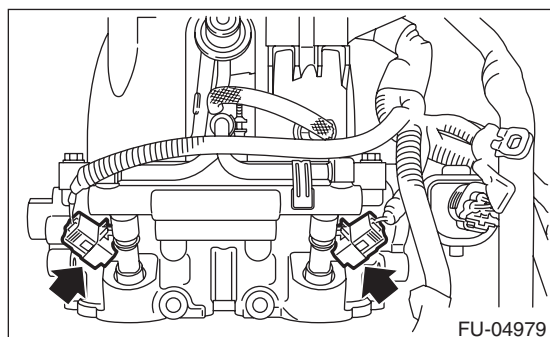
6) Disconnect front oxygen (A/F) sensor connector (A) and rear oxygen sensor connector (B) from the intake manifold protector LH, and also remove clip (C) which holds the engine harness.



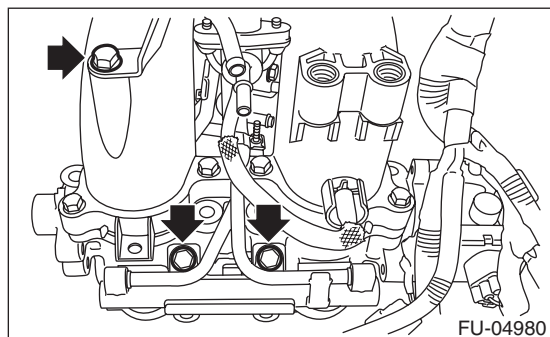
7) Remove the engine ground terminal from the intake manifold protector LH, and remove the intake manifold protector LH from the intake manifold.



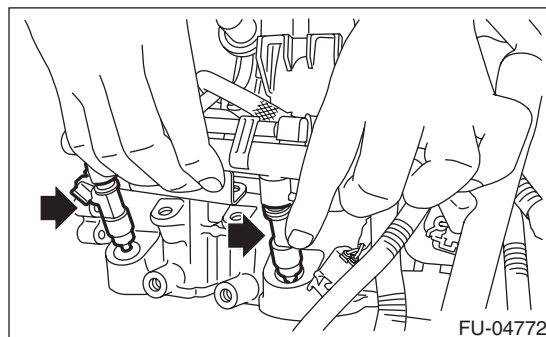
8) Disconnect the connector from fuel injector.



9) Remove the bolt which secures the fuel delivery pipe to the intake manifold.



10) Remove the fuel injector.



## B: INSTALLATION

### 1. RH SIDE

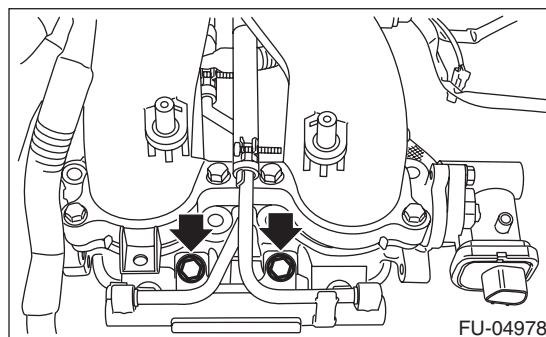
Install in the reverse order of removal.

NOTE:

Use new O-rings and seal rings.

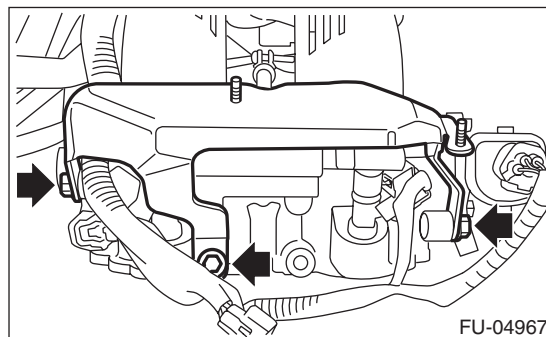
**Tightening torque:**

**19 N·m (1.9 kgf-m, 14.0 ft-lb)**



**Tightening torque:**

**19 N·m (1.9 kgf-m, 14.0 ft-lb)**



# Fuel Injector

## FUEL INJECTION (FUEL SYSTEMS)

### 2. LH SIDE

Install in the reverse order of removal.

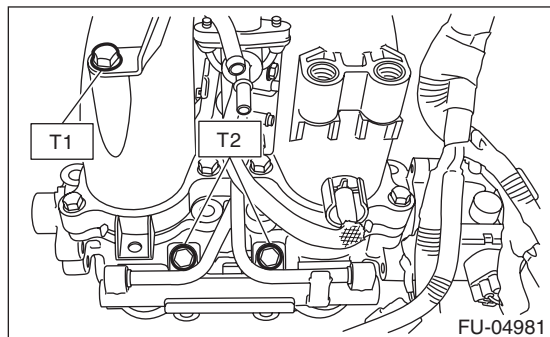
NOTE:

Use new O-rings and seal rings.

**Tightening torque:**

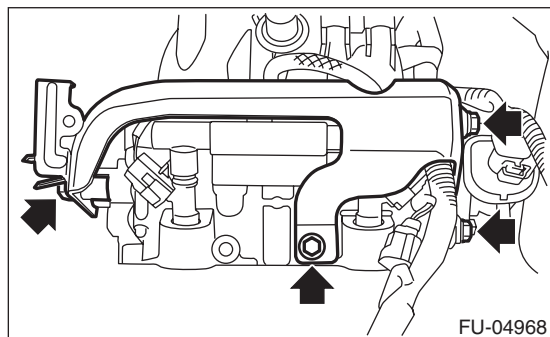
**T1: 6.4 N·m (0.7 kgf-m, 4.7 ft-lb)**

**T2: 19 N·m (1.9 kgf-m, 14.0 ft-lb)**



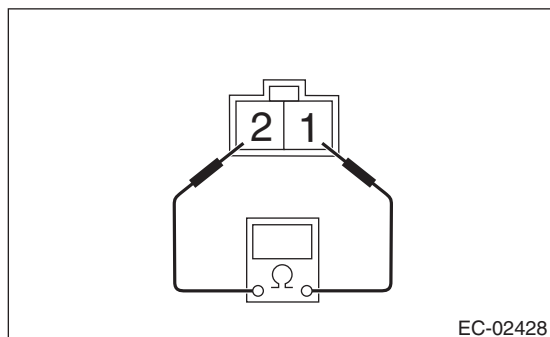
**Tightening torque:**

**19 N·m (1.9 kgf-m, 14.0 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 $\Omega$ (when 20°C (68°F))