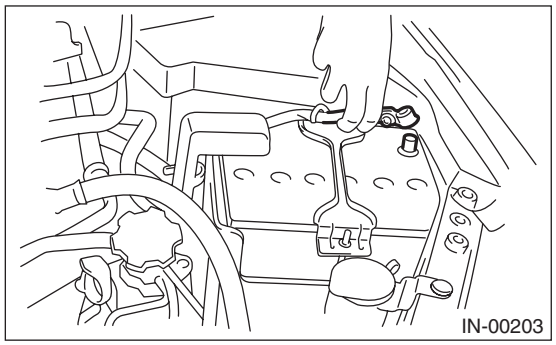
11.Fuel Injector

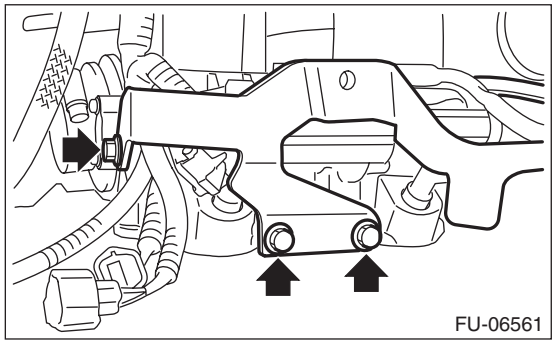
A: REMOVAL

1. RH SIDE

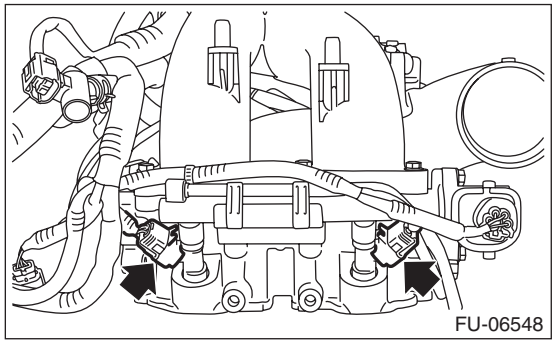
1) Release the fuel pressure. <Ref. to FU(w/o STI)-65, RELEASING OF FUEL PRESSURE, PROCEDURE, Fuel.>
2) Disconnect the ground cable from battery.



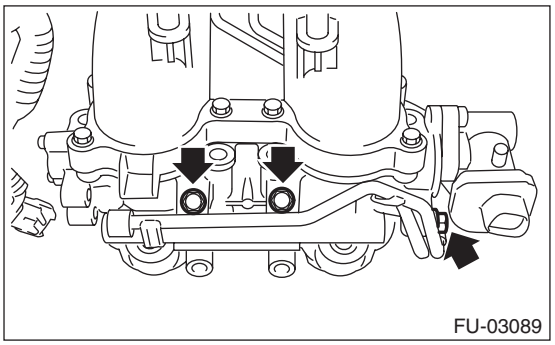
3) Open the fuel filler lid and remove the fuel filler cap.
4) Remove the intake manifold. <Ref. to FU(w/o STI)-18, REMOVAL, Intake Manifold.>
5) Remove the fuel pipe protector RH from the intake manifold.



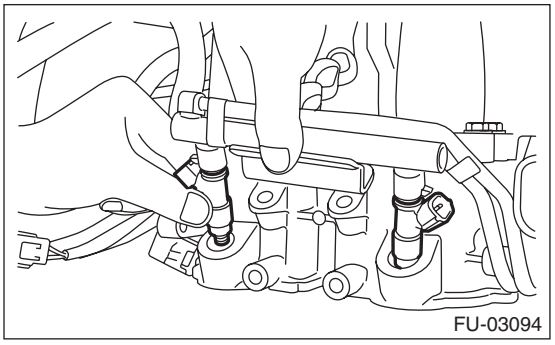
6) Disconnect the connector from fuel injector.



7) Remove the bolt which holds fuel injector pipe RH onto intake manifold.

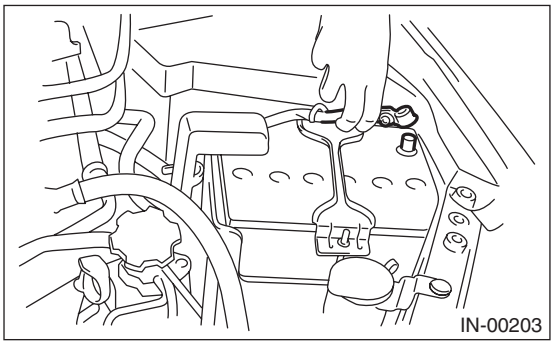


8) Remove the fuel injector.



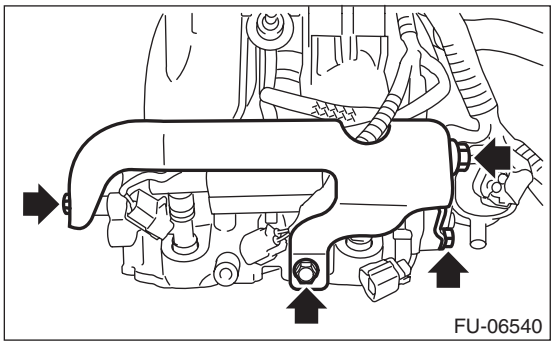
2. LH SIDE

1) Release the fuel pressure. <Ref. to FU(w/o STI)-65, RELEASING OF FUEL PRESSURE, PROCEDURE, Fuel.>
2) Disconnect the ground cable from battery.

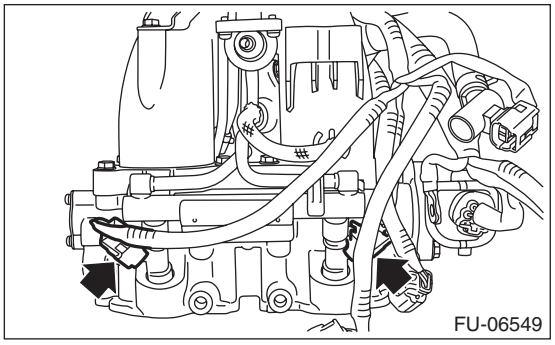


3) Open the fuel filler lid and remove the fuel filler cap.
4) Remove the intake manifold. <Ref. to FU(w/o STI)-18, REMOVAL, Intake Manifold.>

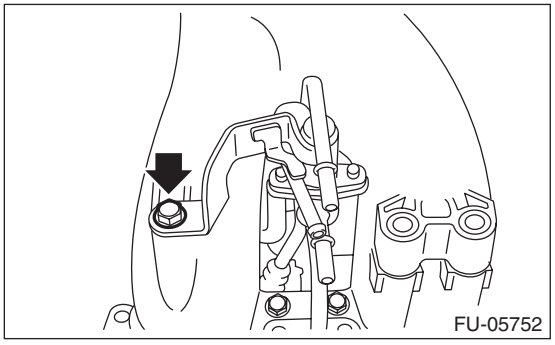
5) Remove the engine ground terminal from the fuel pipe protector LH and remove the fuel pipe protector LH from the intake manifold.

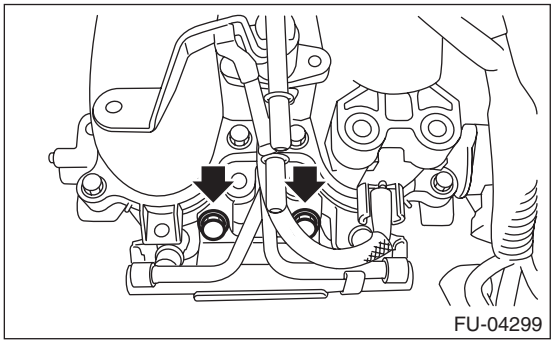

FU-06540

6) Disconnect the connector from fuel injector.

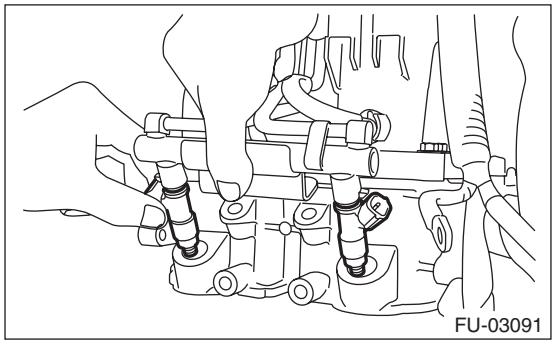

FU-06549

7) Remove the bolt which holds fuel injector pipe LH onto intake manifold.


FU-05752


FU-04299

8) Remove the fuel injector.


FU-03091

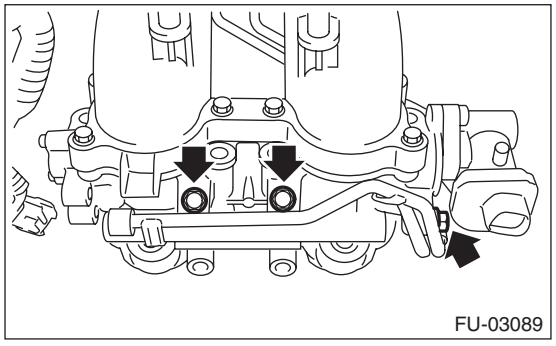
B: INSTALLATION

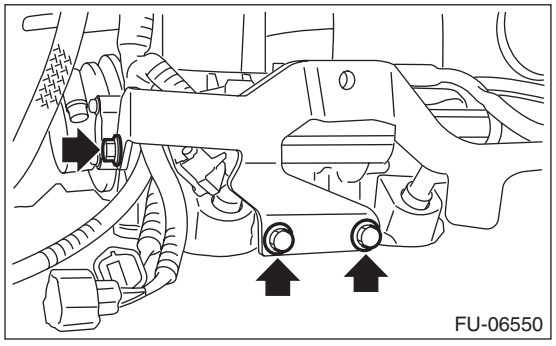
1. RH SIDE

Install in the reverse order of removal.

NOTE:
Use new O-rings, rubbers and seal rings.

Tightening torque:
19 N·m (1.9 kgf-m, 14.0 ft-lb)


FU-03089

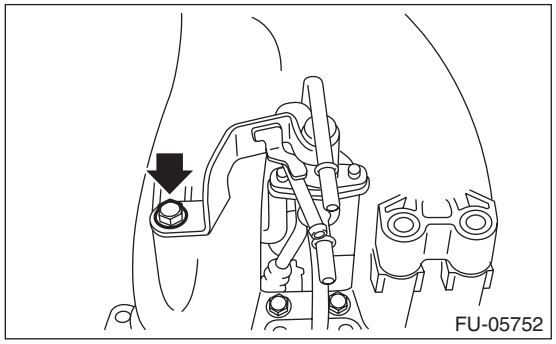

FU-06550

2. LH SIDE

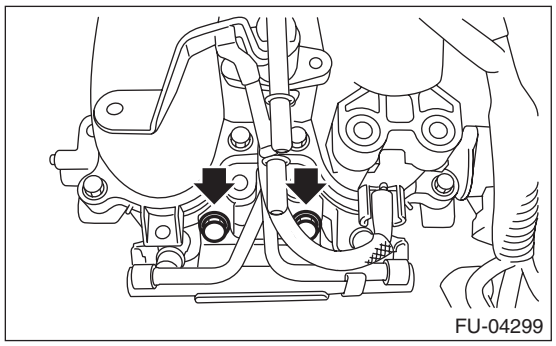
Install in the reverse order of removal.

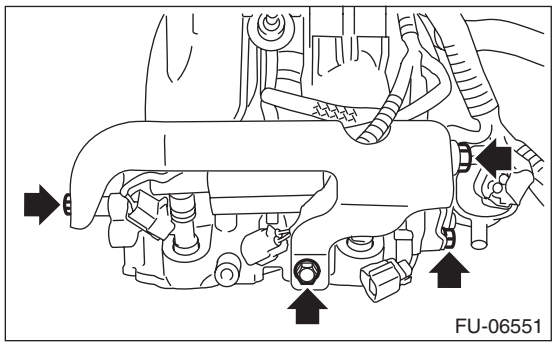
NOTE:
Use new O-rings, rubbers and seal rings.

Tightening torque:
6.4 N·m (0.7 kgf-m, 4.7 ft-lb)



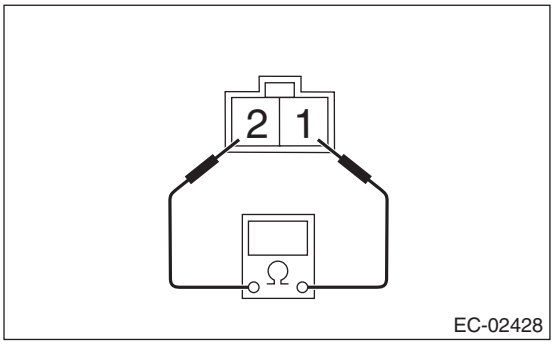
Tightening torque:
19 N·m (1.9 kgf-m, 14.0 ft-lb)





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 Ω (when 20°C (68°F))