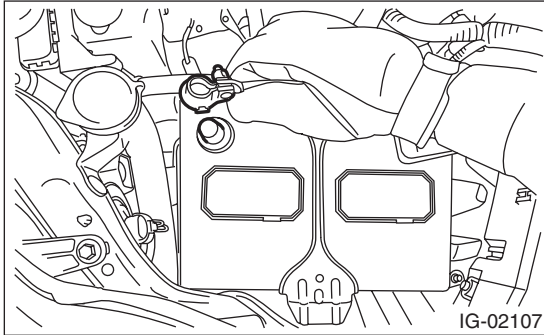


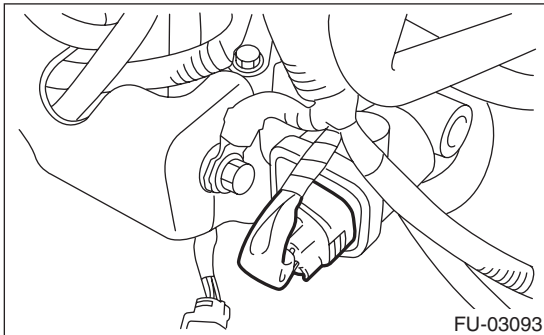
12. Tumble Generator Valve Assembly

A: REMOVAL

- 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.

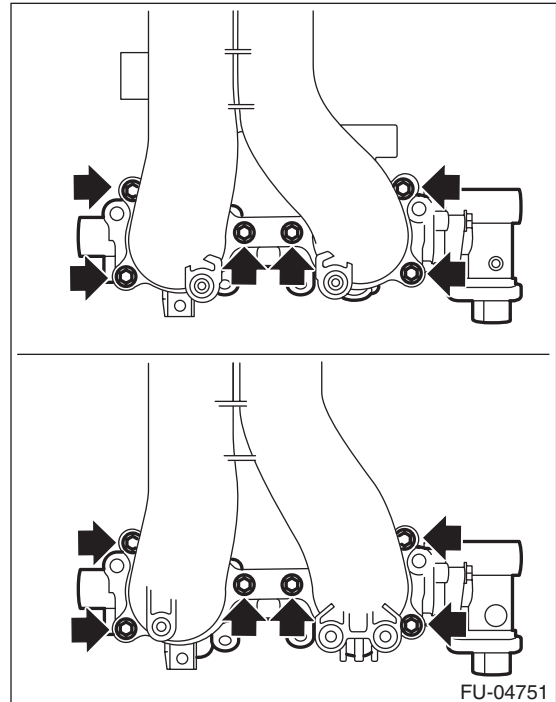


- 4) Open the fuel filler lid and remove the fuel filler cap.
- 5) Remove the intake manifold. <Ref. to FU(H4DOTC)-17, REMOVAL, Intake Manifold.>
- 6) Disconnect the connector from the tumble generator valve assembly.



- 7) Remove the fuel injector. <Ref. to FU(H4DOTC)-44, REMOVAL, Fuel Injector.>

- 8) Remove the tumble generator valve assembly from the intake manifold.



B: INSTALLATION

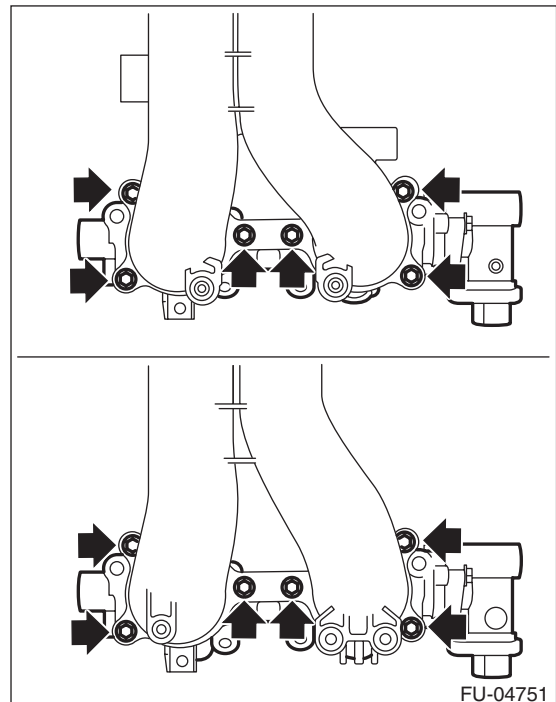
Install in the reverse order of removal.

NOTE:

Use a new gasket.

Tightening torque:

8.3 N·m (0.8 kgf·m, 6.1 ft·lb)



Tumble Generator Valve Assembly

FUEL INJECTION (FUEL SYSTEMS)

C: INSPECTION

- 1) Check that the tumble generator valve assembly has no deformation, cracks or other damages.
- 2) Check tumble generator valve for contamination or clogging.