

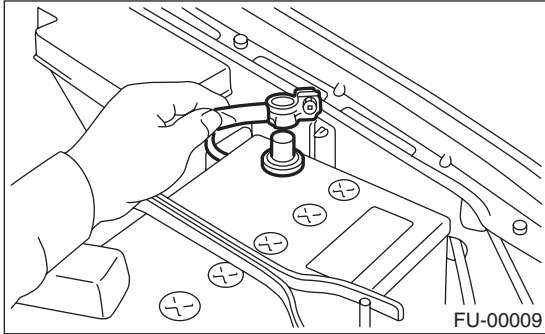
# Tumble Generator Valve Assembly

FUEL INJECTION (FUEL SYSTEMS)

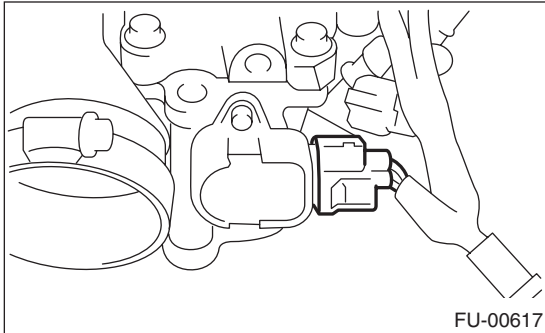
## 11. Tumble Generator Valve Assembly

### A: REMOVAL

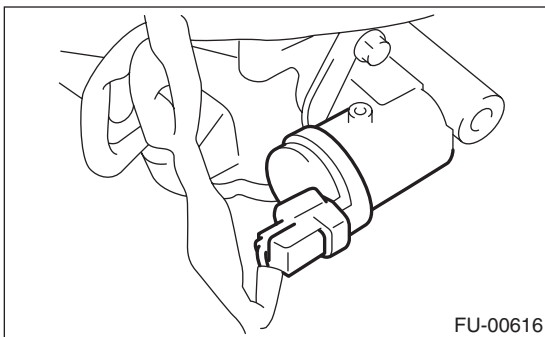
- 1) Release the fuel pressure. <Ref. to FU(H4DOTC)-49, RELEASING OF FUEL PRESSURE, PROCEDURE, Fuel.>
- 2) Disconnect the ground cable from the battery.



- 3) Open the fuel filler flap lid, and remove the fuel filler cap.
- 4) Remove the collector cover.
- 5) Remove the intake manifold. <Ref. to FU(H4DOTC)-14, REMOVAL, Intake Manifold.>
- 6) Disconnect the connector from tumble generator valve sensor.

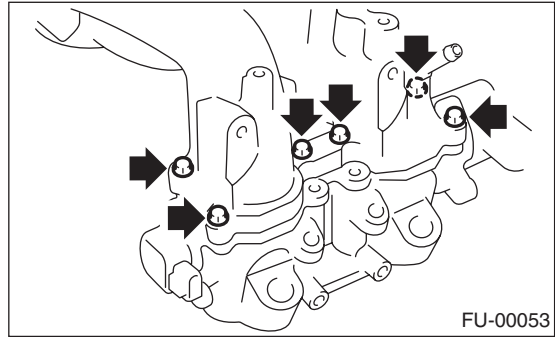


- 7) Disconnect the connector from tumble generator valve actuator.



- 8) Remove the fuel injector. <Ref. to FU(H4DOTC)-32, REMOVAL, Fuel Injector.>

- 9) Remove the tumble generator valve body from intake manifold.



### B: INSTALLATION

Install in the reverse order of removal.

NOTE:

Use a new gasket.

**Tightening torque:**

**8.25 N·m (0.84 kgf-m, 6.1 ft-lb)**

