

Tumble Generator Valve Assembly

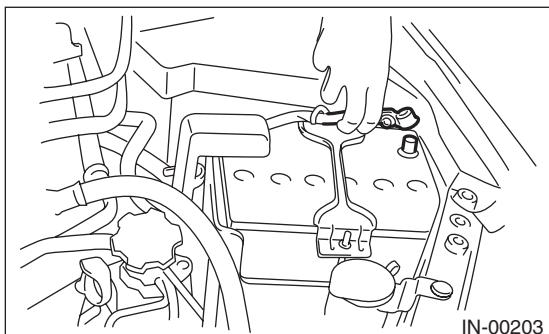
FUEL INJECTION (FUEL SYSTEMS)

12. Tumble Generator Valve Assembly

A: REMOVAL

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

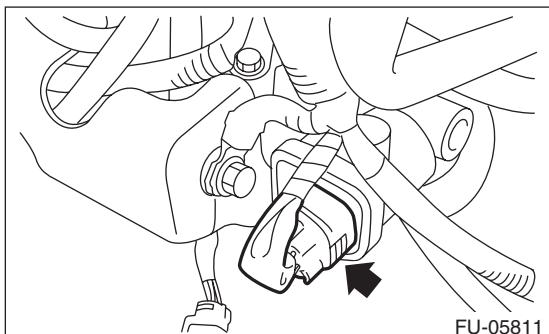
2) Disconnect the ground cable from battery.



3) Open the fuel filler lid and remove the fuel filler cap.

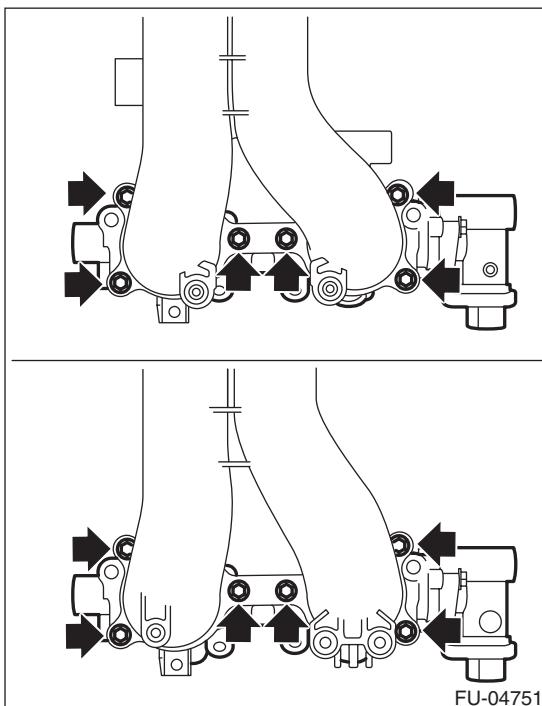
4) Remove the intake manifold. <Ref. to FU(w/o STI)-18, REMOVAL, Intake Manifold.>

5) Disconnect the connector from the tumble generator valve assembly.



6) Remove the fuel injector. <Ref. to FU(w/o STI)-45, REMOVAL, Fuel Injector.>

7) 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:

$8.3 \text{ N}\cdot\text{m (0.8 kgf-m, 6.1 ft-lb)}$

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.