

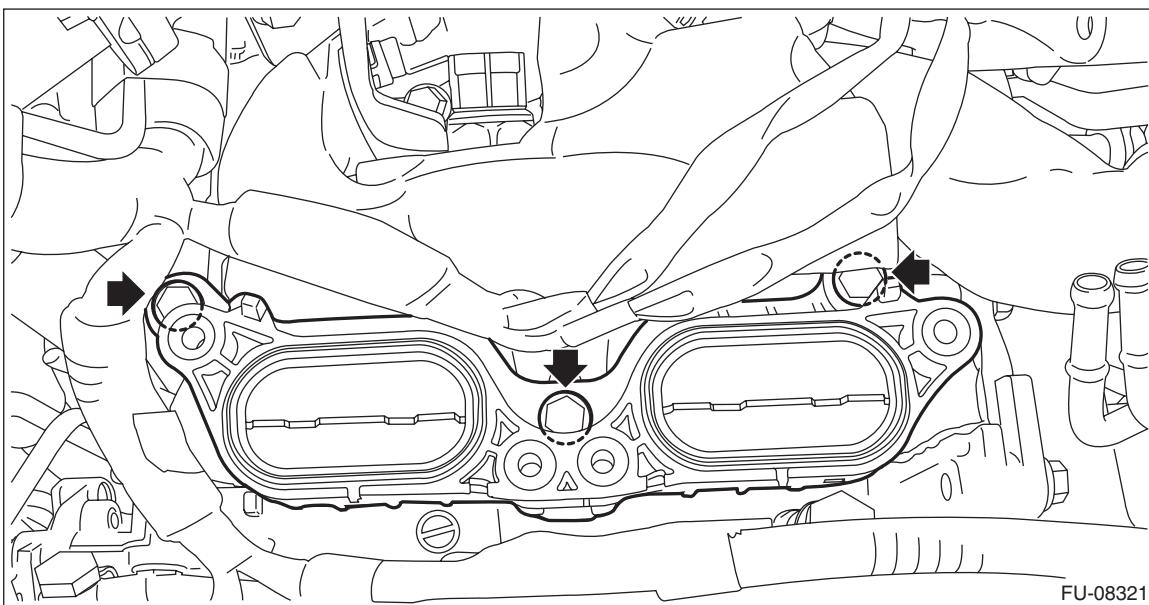
## 4. Tumble Generator Valve Assembly

### A: REMOVAL

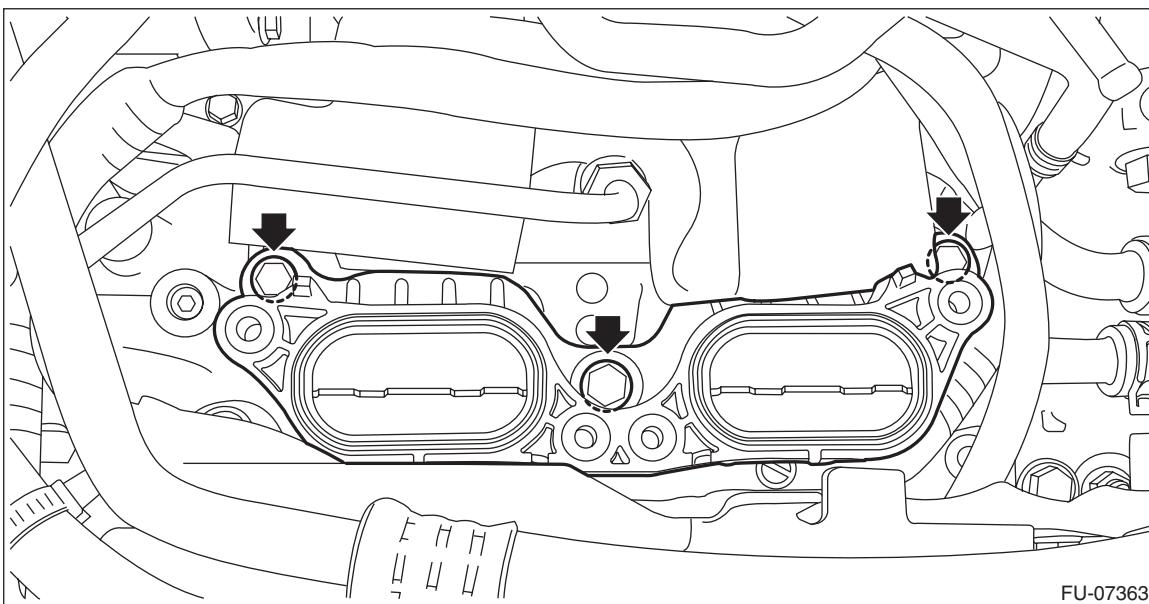
NOTE:

The tumble generator valve assembly is tightened together with the intake manifold.

- 1) Disconnect the ground terminal from battery sensor. <Ref. to NT-5, BATTERY, NOTE, Note.>
- 2) Remove the intake manifold. <Ref. to FU(w/o STI)-18, REMOVAL, Intake Manifold.>
- 3) Remove the air intake adapter from the cylinder head.
  - RH side



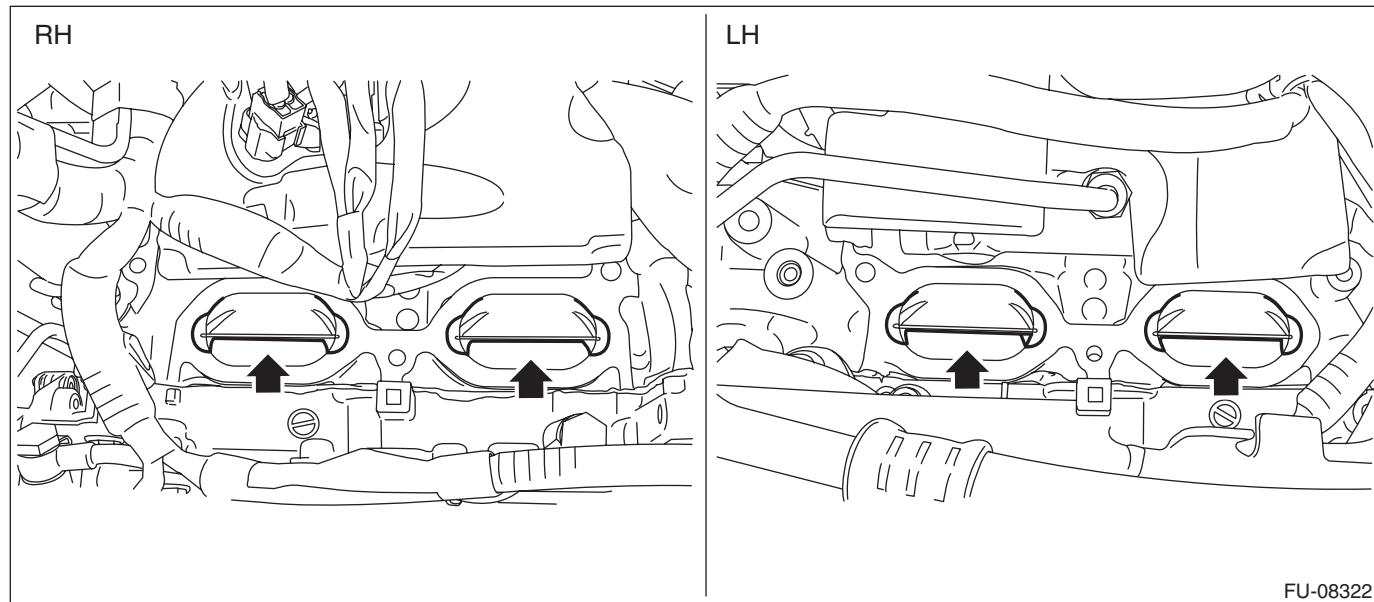
- LH side



# Tumble Generator Valve Assembly

## FUEL INJECTION (FUEL SYSTEMS)

- 4) Remove the cylinder head plate from cylinder head.



## B: INSTALLATION

Install in the reverse order of removal.

### NOTE:

Use a new gasket.

### ***Tightening torque:***

***25 N·m (2.5 kgf·m, 18.4 ft-lb)***

## C: INSPECTION

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