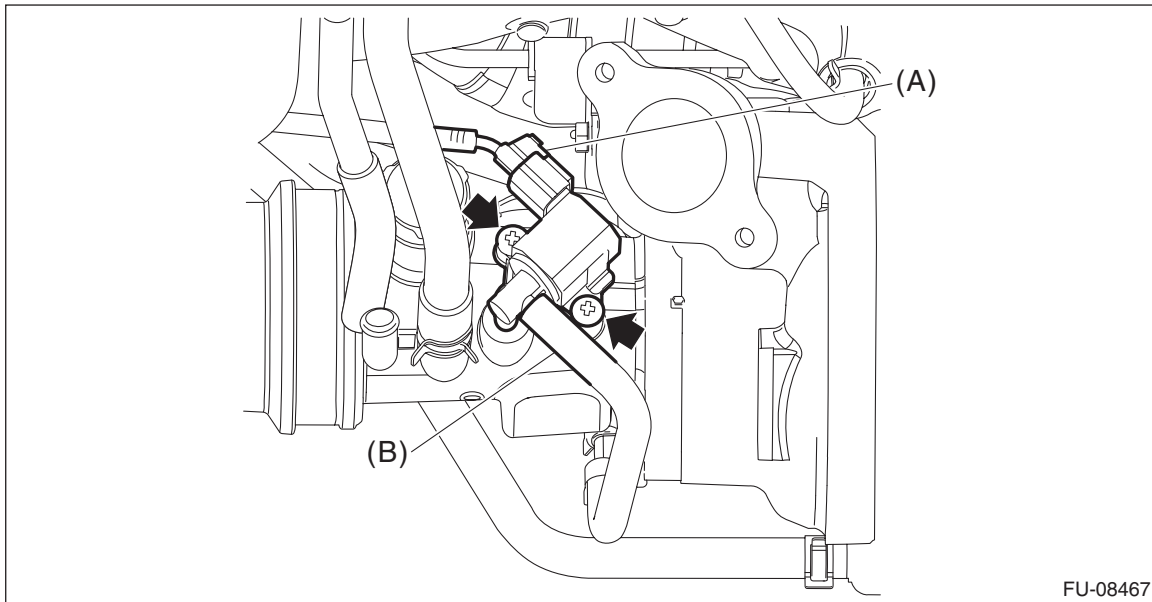


## 21. Wastegate Control Solenoid Valve

### A: REMOVAL

- 1) Disconnect the ground terminal from battery sensor. <Ref. to NT-5, BATTERY, NOTE, Note.>
- 2) Remove the intake duct No. 2. <Ref. to IN(w/o STI)-25, INTAKE DUCT NO. 2, REMOVAL, Intake Duct.>
- 3) Disconnect the connector (A) and vacuum hose (B) from the wastegate control solenoid valve.
- 4) Remove the wastegate control solenoid valve from the intake duct No. 1.



FU-08467

### B: INSTALLATION

Install in the reverse order of removal.

#### NOTE:

- Use new O-rings.
- When tightening the boost control solenoid valve, check that it is securely seated.

#### **Tightening torque:**

**2.8 N·m (0.3 kgf-m, 2.1 ft-lb)**

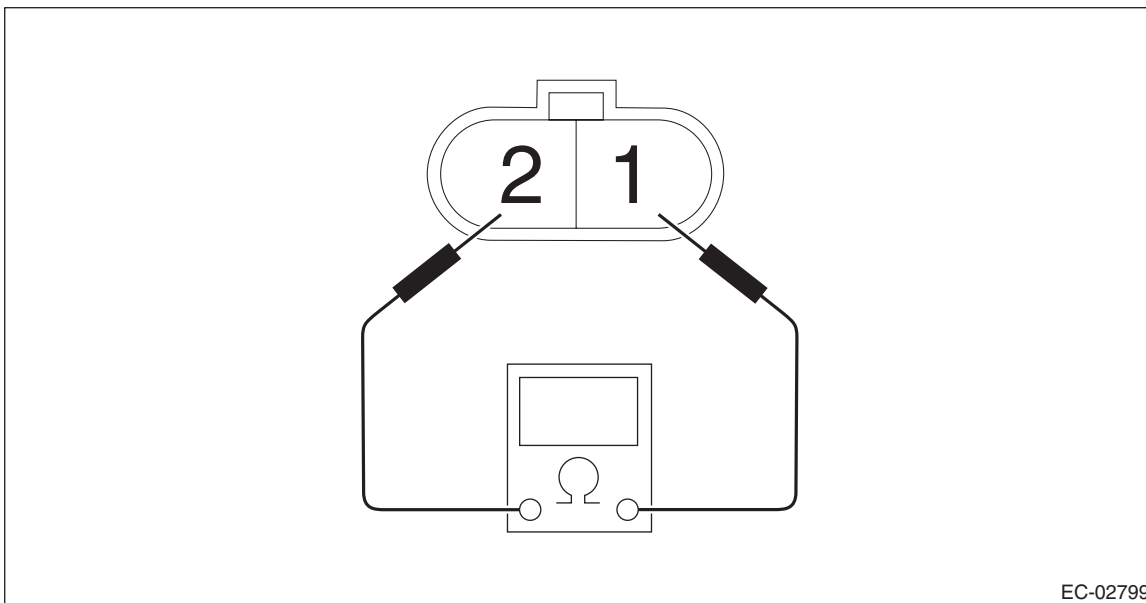
# Wastegate Control Solenoid Valve

FUEL INJECTION (FUEL SYSTEMS)

## C: INSPECTION

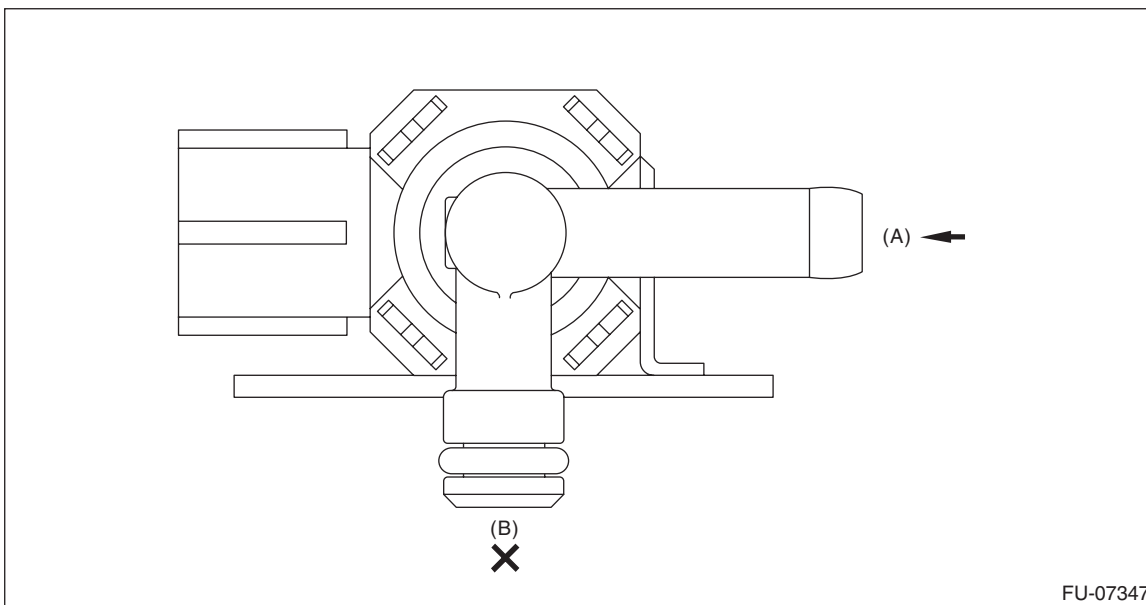
### 1. WASTEGATE CONTROL SOLENOID VALVE

- 1) Check that the wastegate control solenoid valve has no deformation, cracks or other damages.
- 2) Check the resistance between the wastegate control solenoid valve terminals.



Terminal No.	Standard
1 and 2	$24 \pm 3 \Omega$ (when 20°C (68°F))

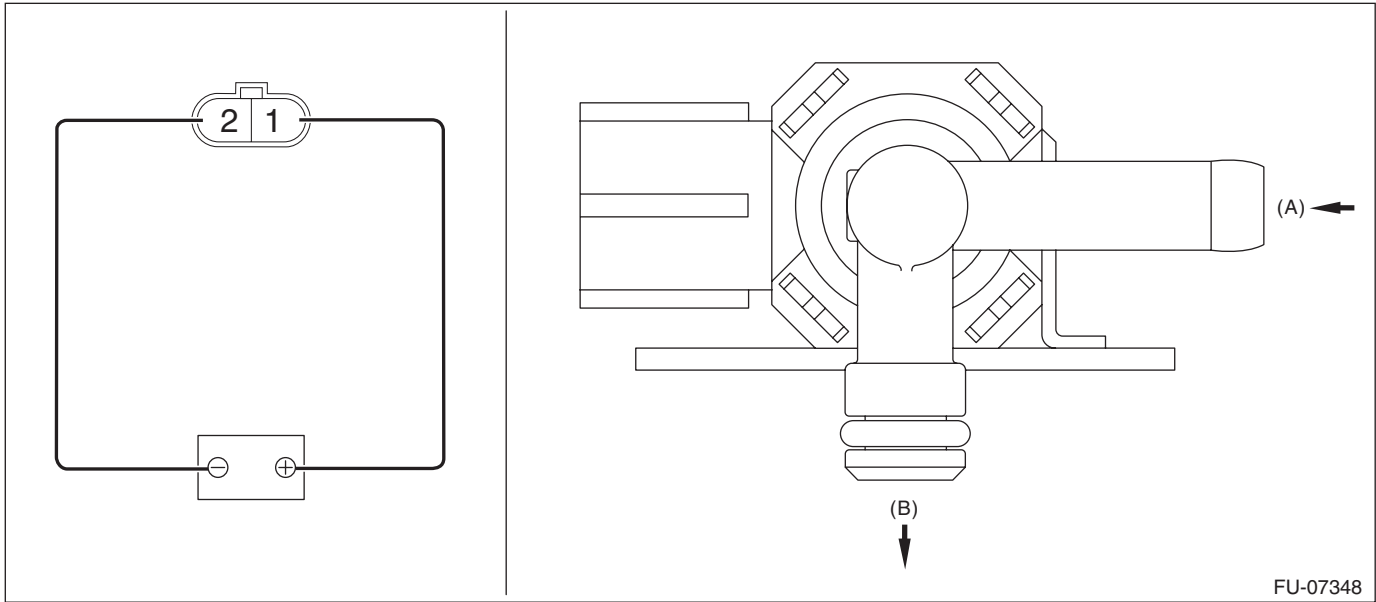
- 3) Check that air does not come out from (B) when air is blown into (A).



# Wastegate Control Solenoid Valve

FUEL INJECTION (FUEL SYSTEMS)

4) Connect the battery positive terminal to the terminal No. 1 and the battery negative terminal to the terminal No. 2. Check that air is discharged from (B), when supplying air to (A).



## 2. OTHER INSPECTIONS

Check that the air control hose has no cracks, damage or loose part.