

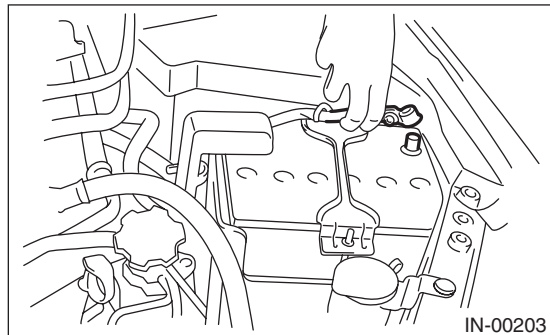
# Wastegate Control Solenoid Valve

## FUEL INJECTION (FUEL SYSTEMS)

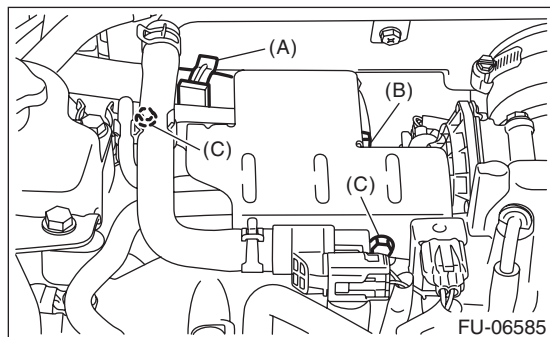
### 15. Wastegate Control Solenoid Valve

#### A: REMOVAL

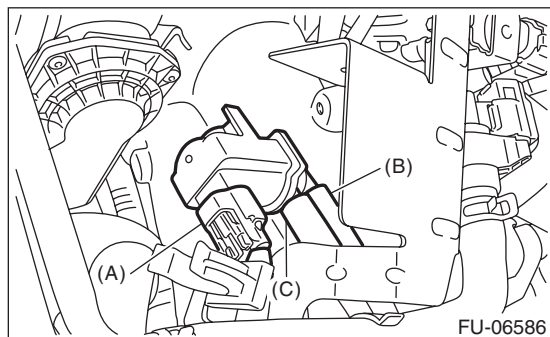
- 1) Disconnect the ground cable from battery.



- 2) Remove the vacuum hose from clip (A), and remove the bolt (B) which secures the wastegate control solenoid valve.
- 3) Remove the bolts (C) which secure solenoid valve bracket onto intake manifold.



- 4) Disconnect the connector (A) from the wastegate control solenoid valve.
- 5) Disconnect the vacuum hose (B) and air control hose (C) from the wastegate control solenoid valve, and remove the wastegate control solenoid valve.



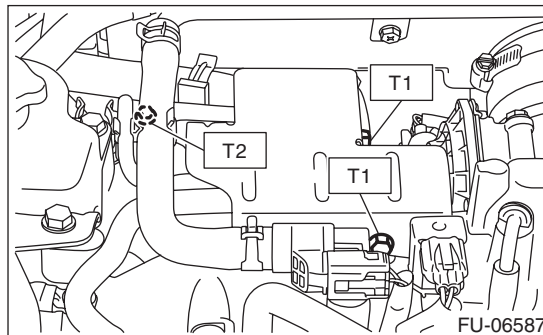
#### B: INSTALLATION

Install in the reverse order of removal.

##### Tightening torque:

**T1: 6.4 N·m (0.7 kgf-m, 4.7 ft-lb)**

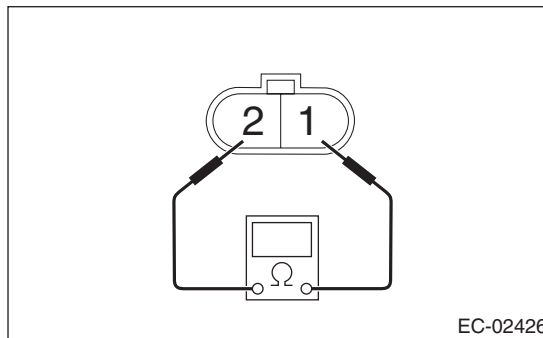
**T2: 19 N·m (1.9 kgf-m, 14.0 ft-lb)**



#### C: INSPECTION

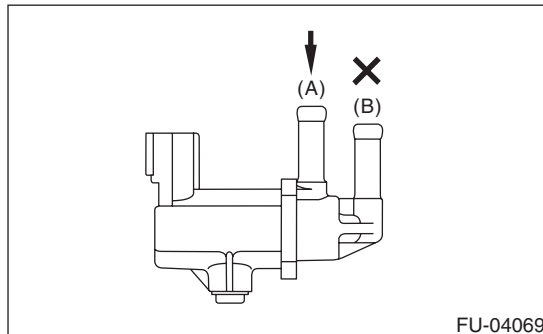
##### 1. WASTEGATE CONTROL SOLENOID VALVE

- 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	$28 \pm 2 \Omega$ (when 20°C (68°F))

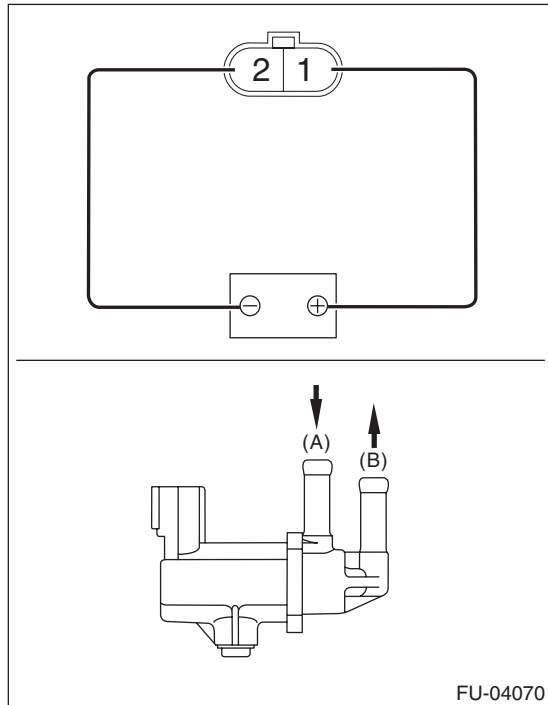
- 3) Check that air does not come out from (B) when air is blown into (A).



# Wastegate Control Solenoid Valve

FUEL INJECTION (FUEL SYSTEMS)

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



## 2. OTHER INSPECTIONS

Check that the vacuum hose and air control hose have no cracks, damage or loose part.