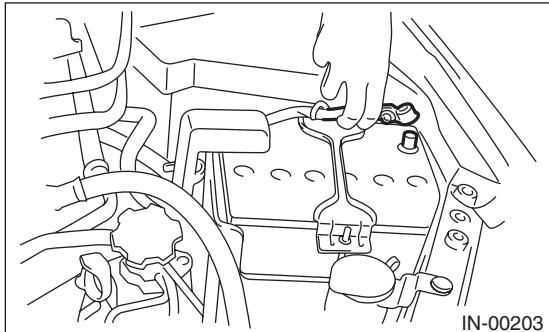


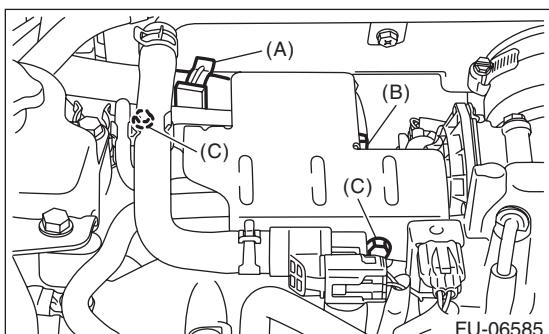
15. Wastegate Control Solenoid Valve

A: REMOVAL

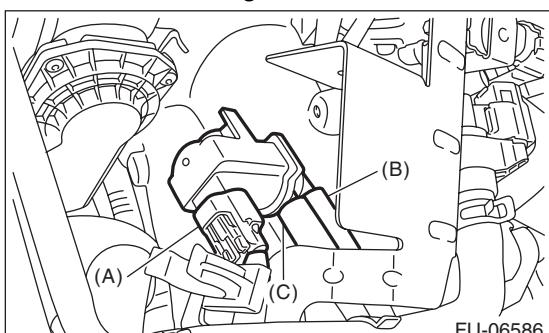
- 1) Disconnect the ground cable from battery.



- 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.

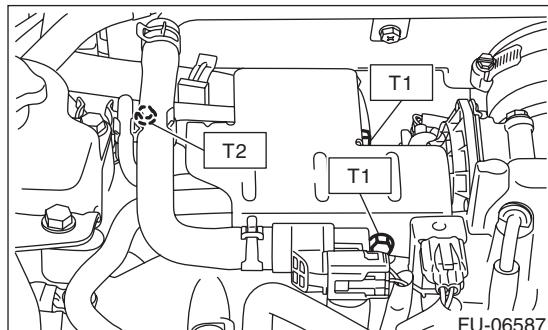


B: INSTALLATION

Install in the reverse order of removal.

Tightening torque:

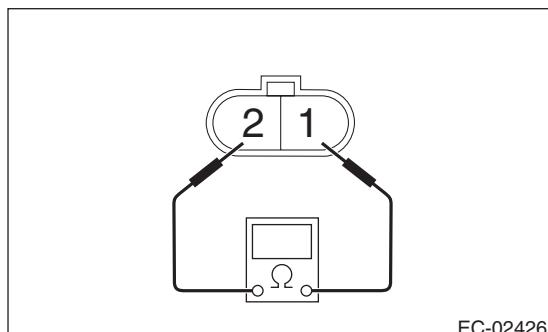
T1: 6.4 N·m (0.7 kgf·m, 4.7 ft·lb)
T2: 19 N·m (1.9 kgf·m, 14.0 ft·lb)



C: INSPECTION

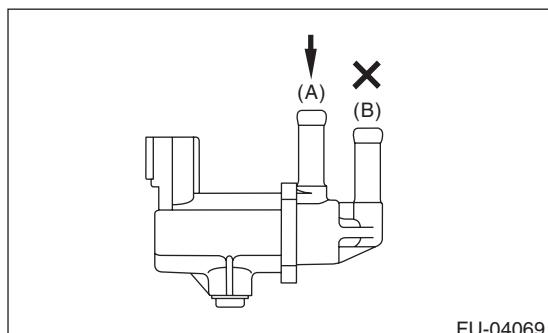
1. WASTEGATE CONTROL SOLENOID VALVE

- 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.

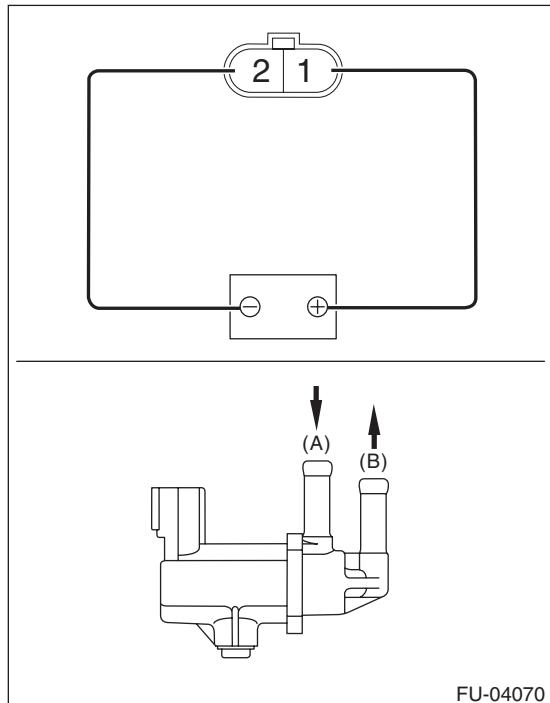


Terminal No.	Standard
1 and 2	$28 \pm 2 \Omega$ (when 20°C (68°F))

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



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.