

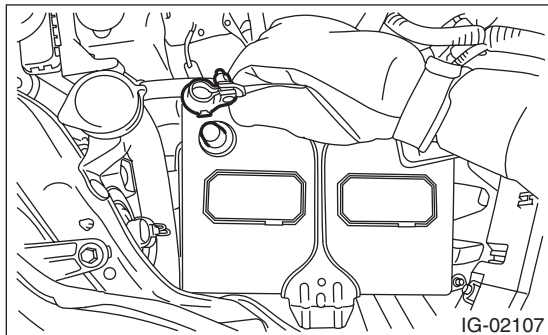
Wastegate Control Solenoid Valve

FUEL INJECTION (FUEL SYSTEMS)

15. Wastegate Control Solenoid Valve

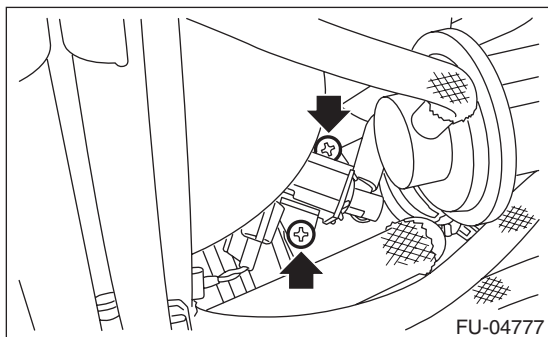
A: REMOVAL

- 1) Disconnect the ground cable from battery.



- 2) Remove the radiator sub fan motor assembly. <Ref. to CO(H4DOTC)-27, REMOVAL, Radiator Sub Fan and Fan Motor.>

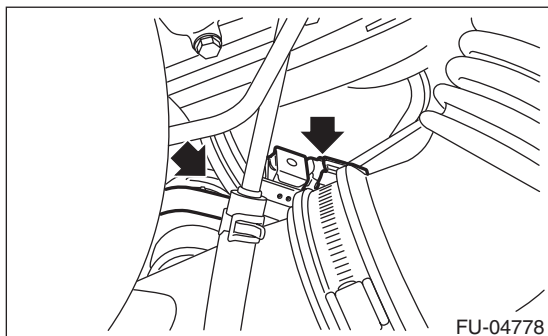
- 3) Remove the screws which hold the wastegate control solenoid valve to the intake duct.



- 4) Lift up the vehicle.

- 5) Remove the under cover. <Ref. to EI-35, REMOVAL, Front Under Cover.>

- 6) Disconnect the connector and air control hose from the wastegate control solenoid valve, and remove the wastegate control solenoid valve from the intake duct.



B: INSTALLATION

Install in the reverse order of removal.

NOTE:

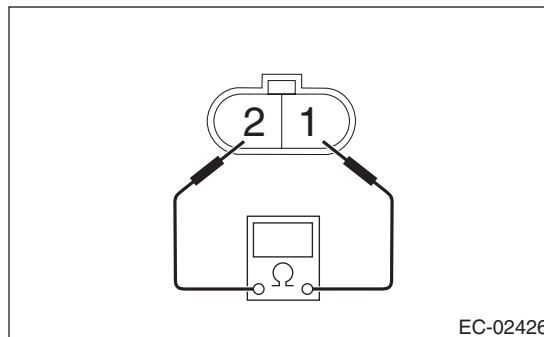
- Use new O-rings.
- When tightening the boost control solenoid valve, check that it is securely seated.

Tightening torque:

4 N·m (0.4 kgf-m, 3.0 ft-lb)

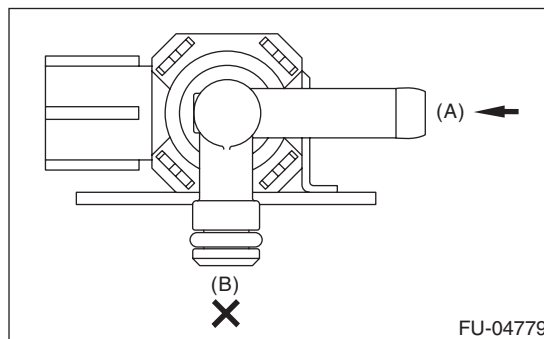
C: INSPECTION

- 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±3 Ω (when 20°C (68°F))

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



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4) With terminal No. 1 connected to the battery positive terminal and terminal No. 2 to the battery ground terminal, check that air comes out from (B) when air is blown into (A).

