

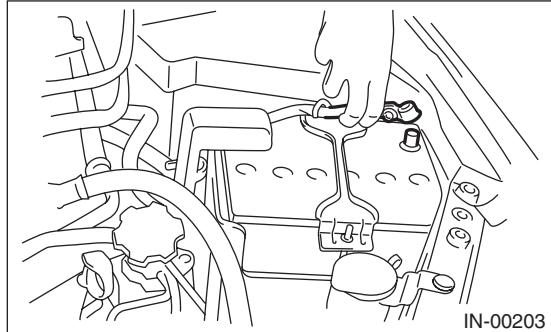
Pressure Control Solenoid Valve Assembly

EMISSION CONTROL (AUX. EMISSION CONTROL DEVICES)

8. Pressure Control Solenoid Valve Assembly

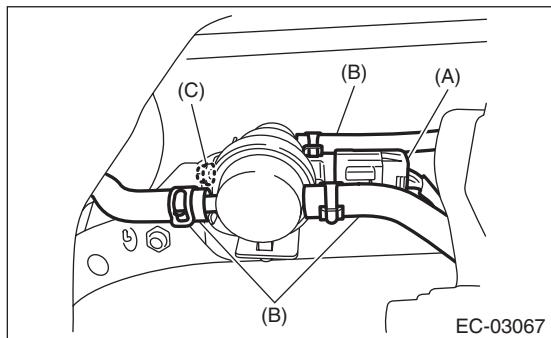
A: REMOVAL

- 1) Disconnect the ground cable from battery.



- 2) Lift up the vehicle.

- 3) Disconnect the connector (A) and evaporation hose (B) from the pressure control solenoid valve assembly.
- 4) Remove the nut (C) securing the bracket to the fuel tank and remove the pressure control solenoid valve assembly.



B: INSTALLATION

Install in the reverse order of removal.

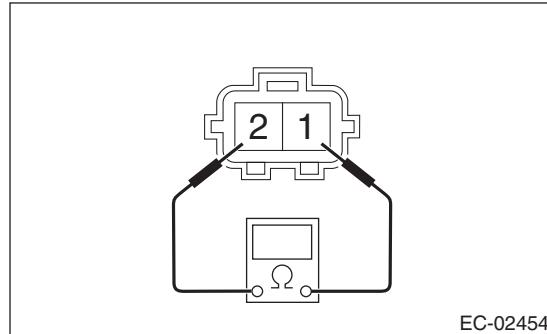
Tightening torque:

7.35 N·m (0.7 kgf·m, 5.4 ft-lb)

C: INSPECTION

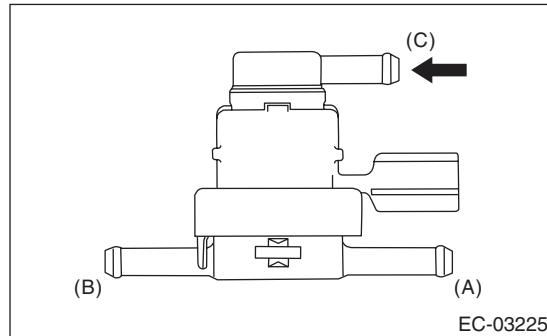
1. PRESSURE CONTROL SOLENOID VALVE ASSEMBLY

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



| Terminal No. | Standard |
|--------------|-----------|
| 1 and 2 | 20 — 30 Ω |

- 3) Connect the Mighty Vac to fuel tank side of the pressure control solenoid valve assembly.



(A) Fuel tank side
(B) Canister side
(C) Atmospheric pressure

- 4) Using the Mighty Vac, generate the positive pressure. Check that the Mighty Vac gauge needle rises at the pressure (0.55 — 1.55 kPa (0.006 — 0.016 kgf/cm², 0.08 — 0.23 psi) then lowers.

- 5) Using the Mighty Vac, generate the vacuum pressure. Check that the Mighty Vac gauge needle does not rise.

2. OTHER INSPECTIONS

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