

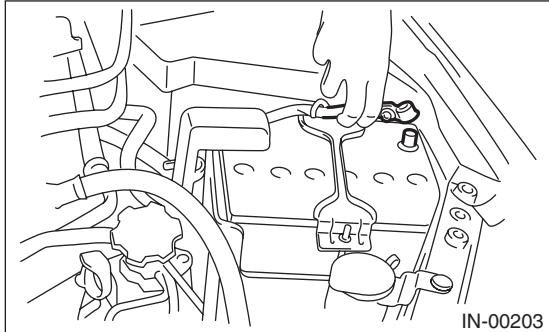
# Pressure Control Solenoid Valve Assembly

EMISSION CONTROL (AUX. EMISSION CONTROL DEVICES)

## 8. Pressure Control Solenoid Valve Assembly

### A: REMOVAL

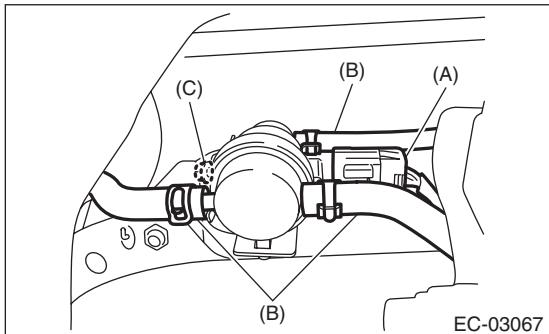
- 1) Disconnect the ground cable from battery.



- 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.

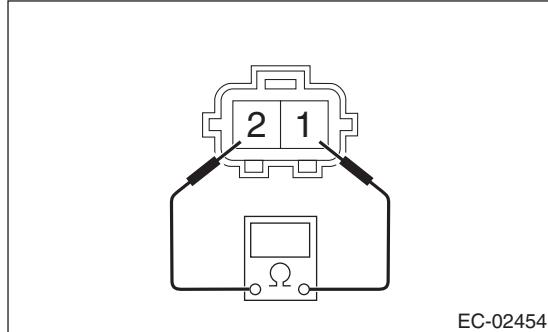
#### Tightening torque:

7.35 N·m (0.7 kgf·m, 5.4 ft-lb)

### C: INSPECTION

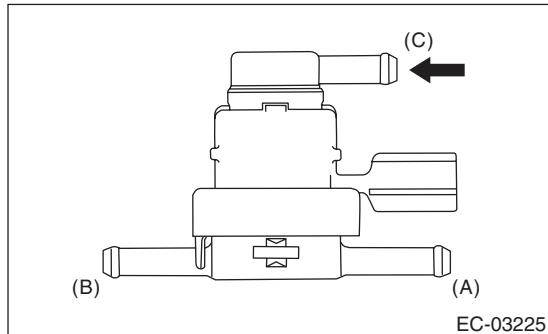
#### 1. PRESSURE CONTROL SOLENOID VALVE ASSEMBLY

- 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) Barometric 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/cm<sup>2</sup>, 0.08 — 0.23 psi) then lowers.

- 5) Using the Mighty Vac, generate the negative 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.