

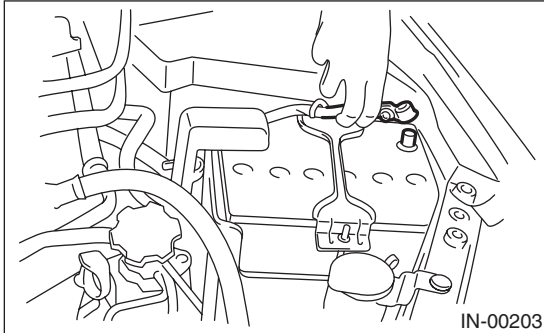
# Pressure Control Solenoid Valve Assembly

EMISSION CONTROL (AUX. EMISSION CONTROL DEVICES)

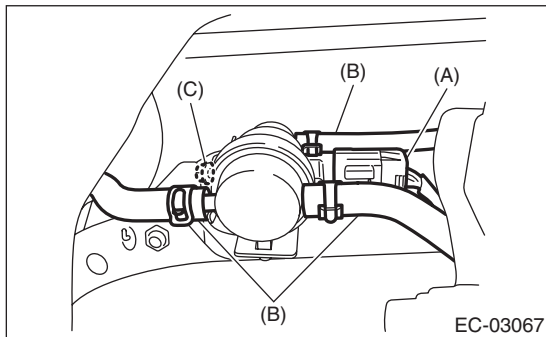
## 8. Pressure Control Solenoid Valve Assembly

### 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.

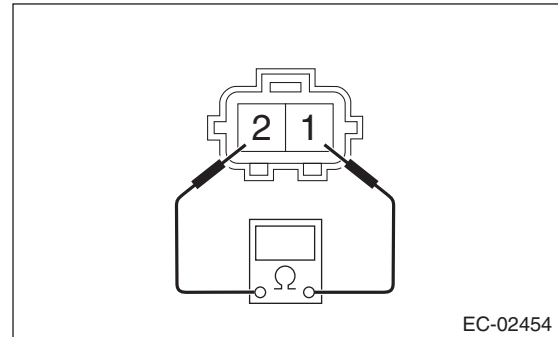
#### **Tightening torque:**

**7.35 N·m (0.7 kgf-m, 5.4 ft-lb)**

### C: INSPECTION

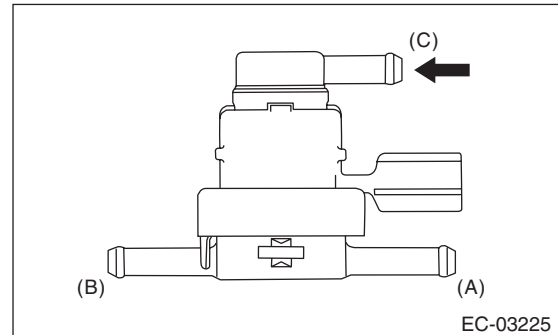
#### 1. PRESSURE CONTROL SOLENOID VALVE ASSEMBLY

- 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.