

# Purge Control Solenoid Valve

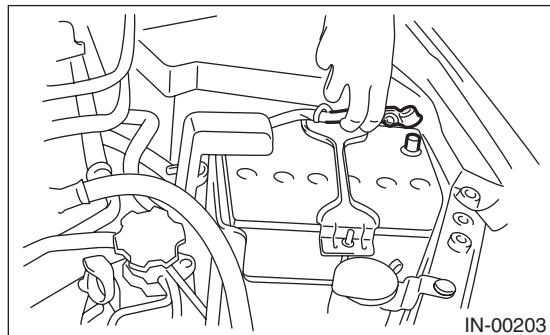
EMISSION CONTROL (AUX. EMISSION CONTROL DEVICES)

## 5. Purge Control Solenoid Valve

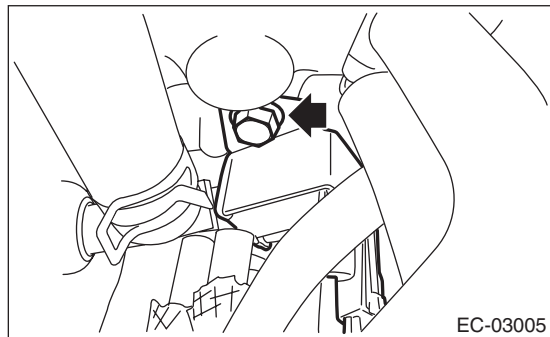
### A: REMOVAL

#### 1. PURGE CONTROL SOLENOID VALVE 1

- 1) Disconnect the ground cable from battery.



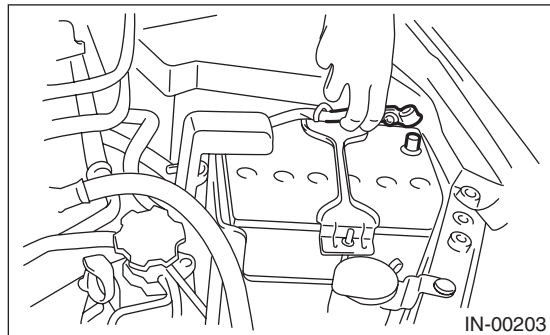
- 2) Remove the bolts which secure purge control solenoid valve 1 to the intake manifold, and disconnect the connector from the purge control solenoid valve 1.



- 3) Disconnect the vacuum hose and the vacuum control hose from purge control solenoid valve 1.

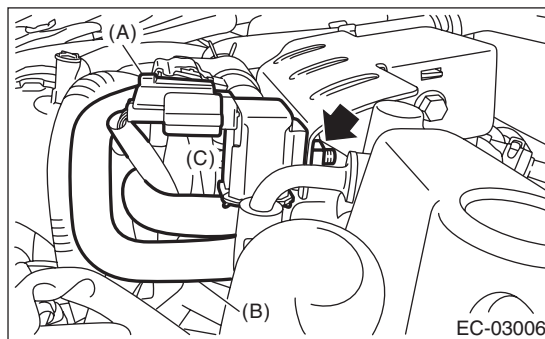
#### 2. PURGE CONTROL SOLENOID VALVE 2

- 1) Disconnect the ground cable from battery.



- 2) Disconnect connector (A), vacuum hose (B), and vacuum control hose (C) from purge control solenoid valve 2.

- 3) Remove purge control solenoid valve 2 from the solenoid valve bracket.



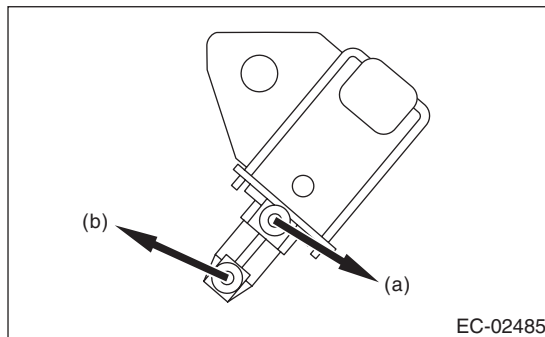
### B: INSTALLATION

#### 1. PURGE CONTROL SOLENOID VALVE 1

Install in the reverse order of removal.

#### NOTE:

Connect the vacuum hose and vacuum control hose as shown in the figure.



(a) To intake manifold

(b) To branching pipe → fuel pipe

#### Tightening torque:

**19 N·m (1.9 kgf-m, 14.0 ft-lb)**

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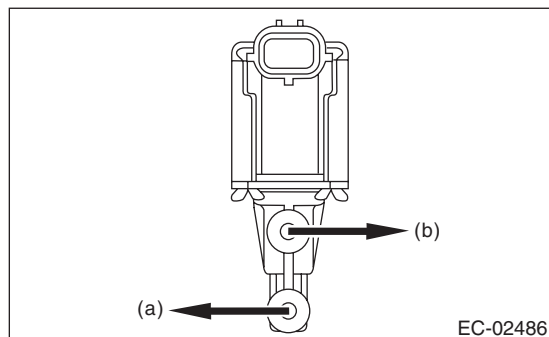
EMISSION CONTROL (AUX. EMISSION CONTROL DEVICES)

## 2. PURGE CONTROL SOLENOID VALVE 2

Install in the reverse order of removal.

### NOTE:

Connect the vacuum hose and vacuum control hose as shown in the figure.



(a) To intake duct

(b) To branching pipe → fuel pipe

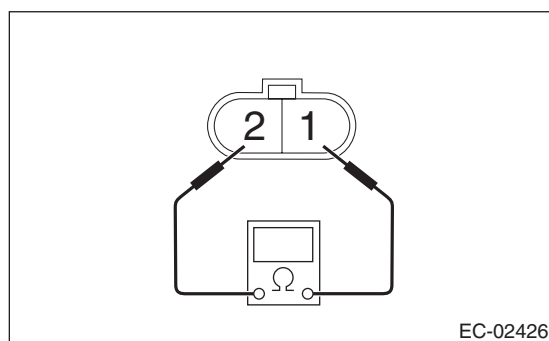
### Tightening torque:

6.4 N·m (0.7 kgf-m, 4.7 ft-lb)

## C: INSPECTION

### 1. PURGE CONTROL SOLENOID VALVE

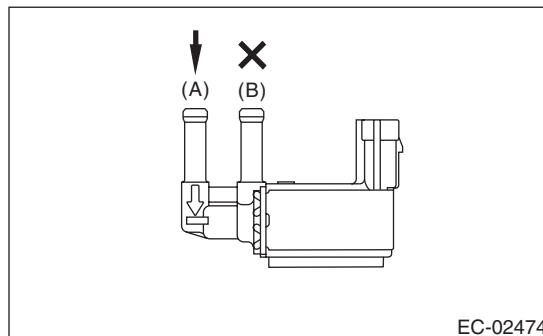
- 1) Check that the purge control solenoid valve has no deformation, cracks or other damages.
- 2) Measure the resistance between the purge control solenoid valve terminals.



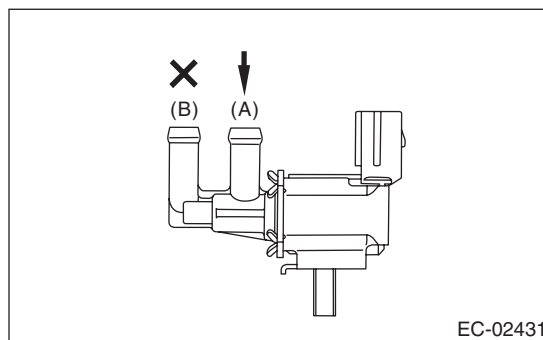
	Terminal No.	Standard
Purge control solenoid valve 1	1 and 2	32±2 Ω (when 20°C (68°F))
Purge control solenoid valve 2		24±3 Ω (when 20°C (68°F))

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

- Purge control solenoid valve 1

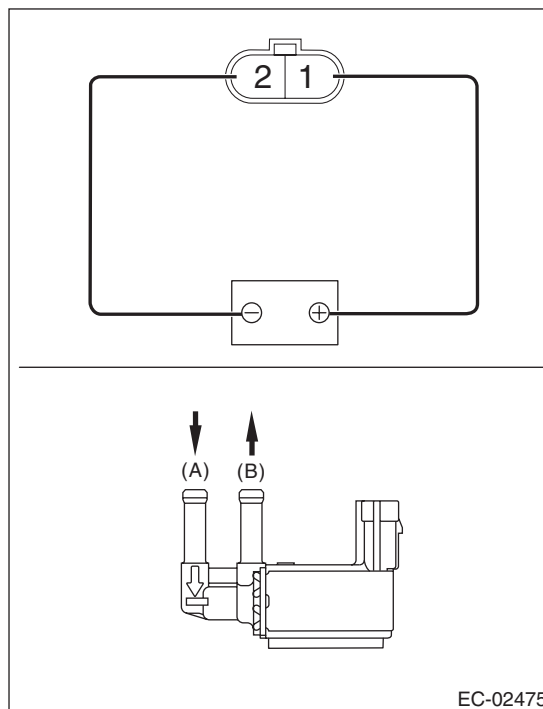


- Purge control solenoid valve 2



- 4) Connect the battery positive terminal to the terminal No. 1 and the battery negative terminal to the terminal No. 2. Check that air is discharged from (B), when supplying air to (A).

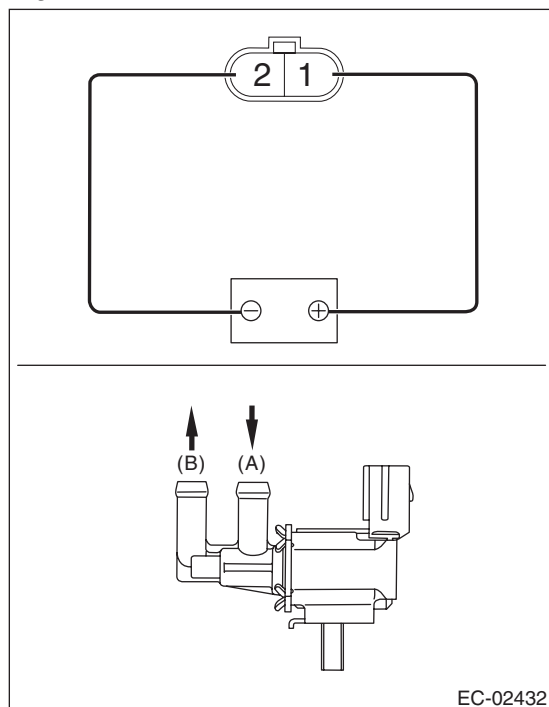
- Purge control solenoid valve 1



# Purge Control Solenoid Valve

EMISSION CONTROL (AUX. EMISSION CONTROL DEVICES)

- Purge control solenoid valve 2



## 2. OTHER INSPECTIONS

Make sure the vacuum hoses and vacuum control hoses are not cracked or loose.