

# Purge Control Solenoid Valve

EMISSION CONTROL (AUX. EMISSION CONTROL DEVICES)

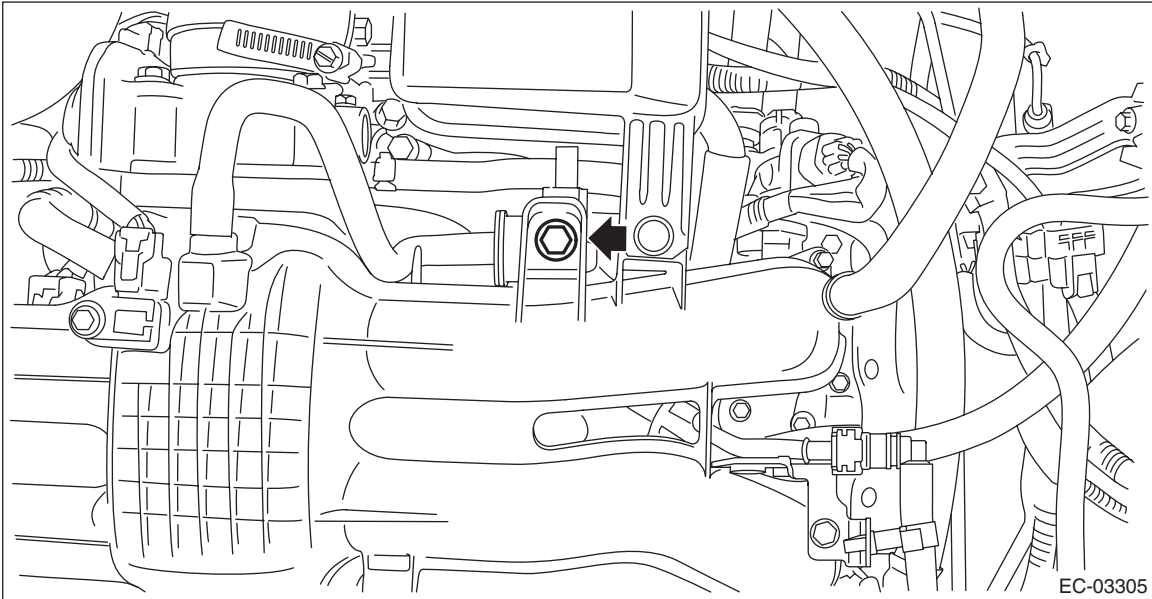
## 5. Purge Control Solenoid Valve

### A: REMOVAL

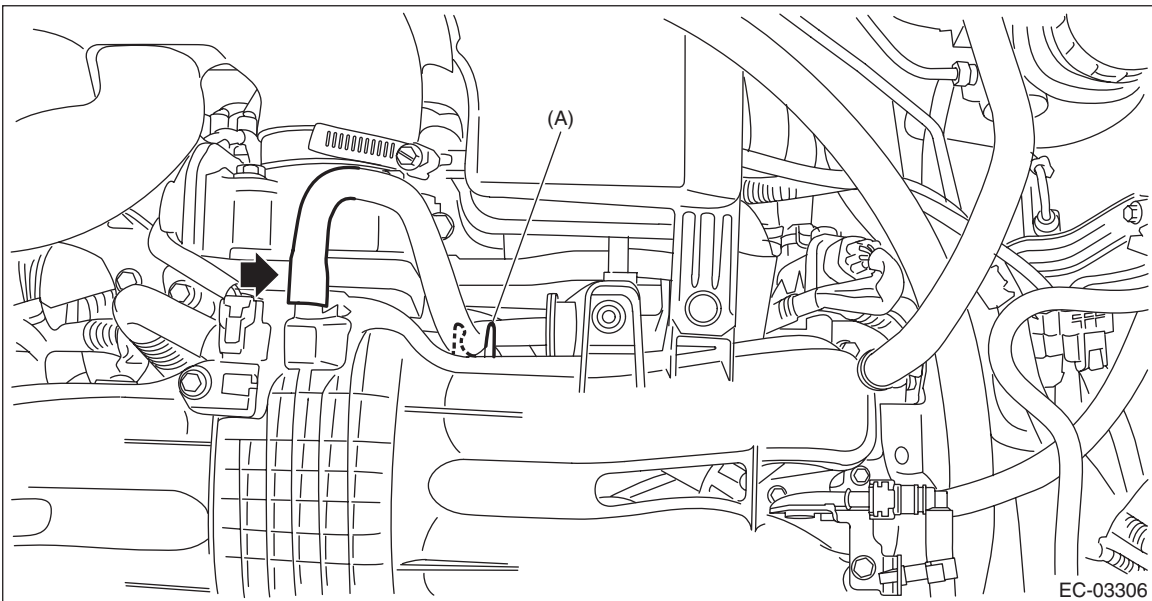
- 1) Disconnect the ground cable from battery.
- 2) Remove the bolt which holds the purge control solenoid valve onto intake manifold.

#### NOTE:

Hold the purge control solenoid valve unit by hand to prevent it from rotating together.



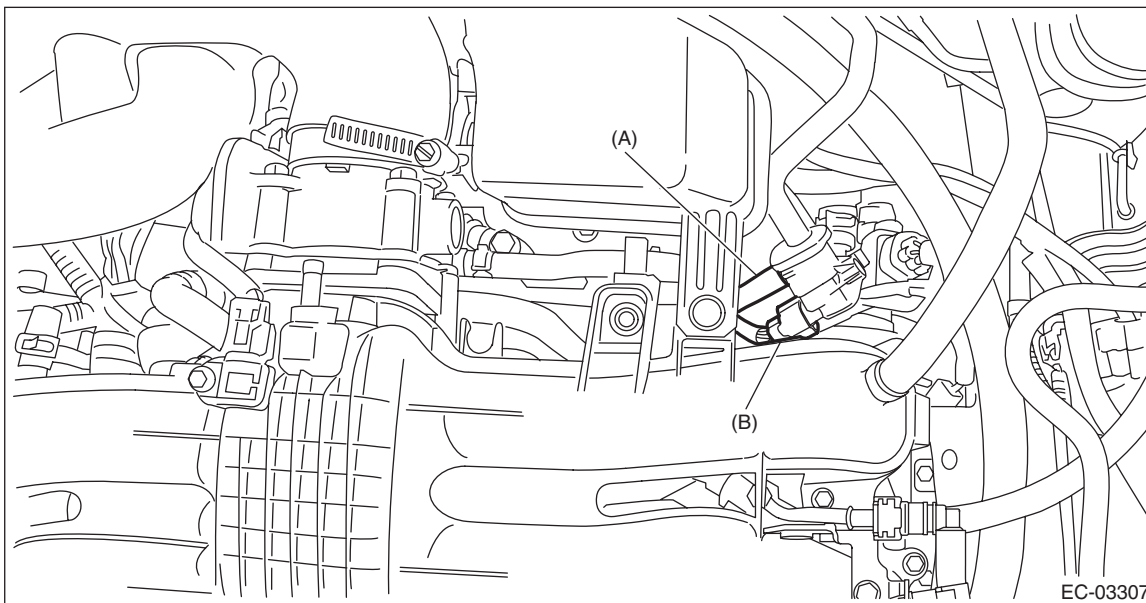
- 3) Disconnect the vacuum hose from the intake manifold and intake manifold clip (A).



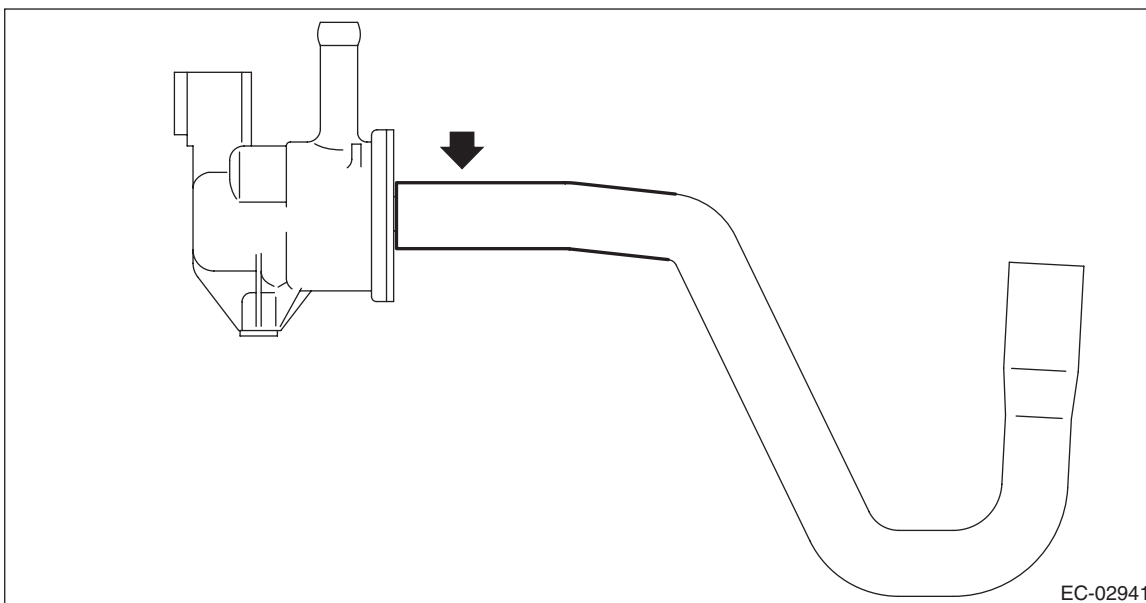
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- 4) Disconnect the vacuum hose (A) and connector (B) from the purge control solenoid valve, and remove the purge control solenoid valve.



- 5) Remove the vacuum hose from the purge control solenoid valve.



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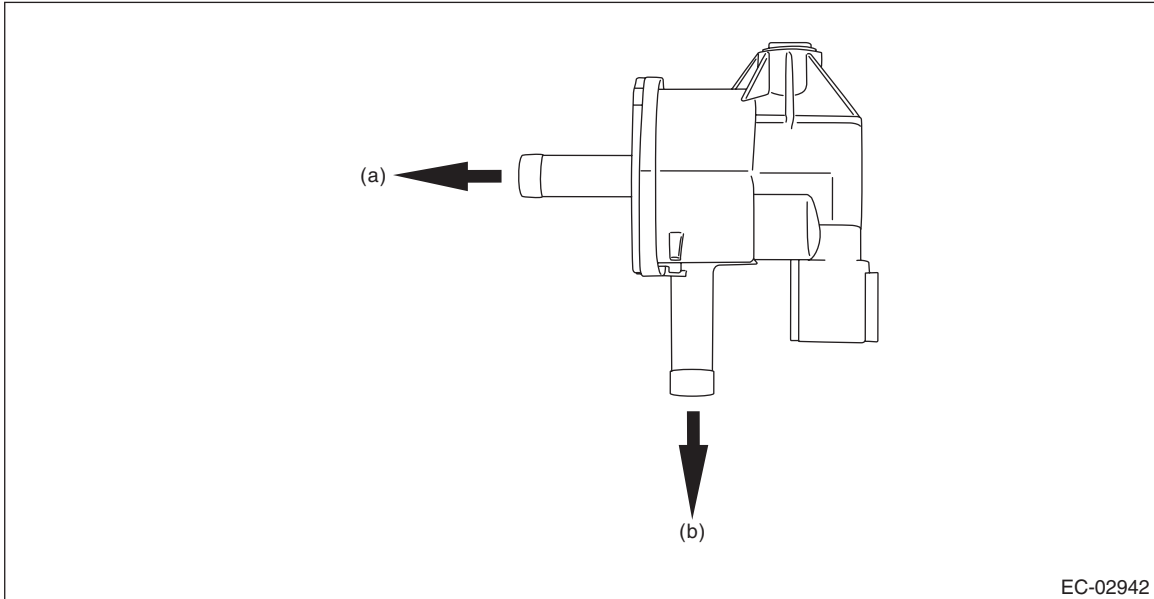
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## B: INSTALLATION

Install in the reverse order of removal.

### NOTE:

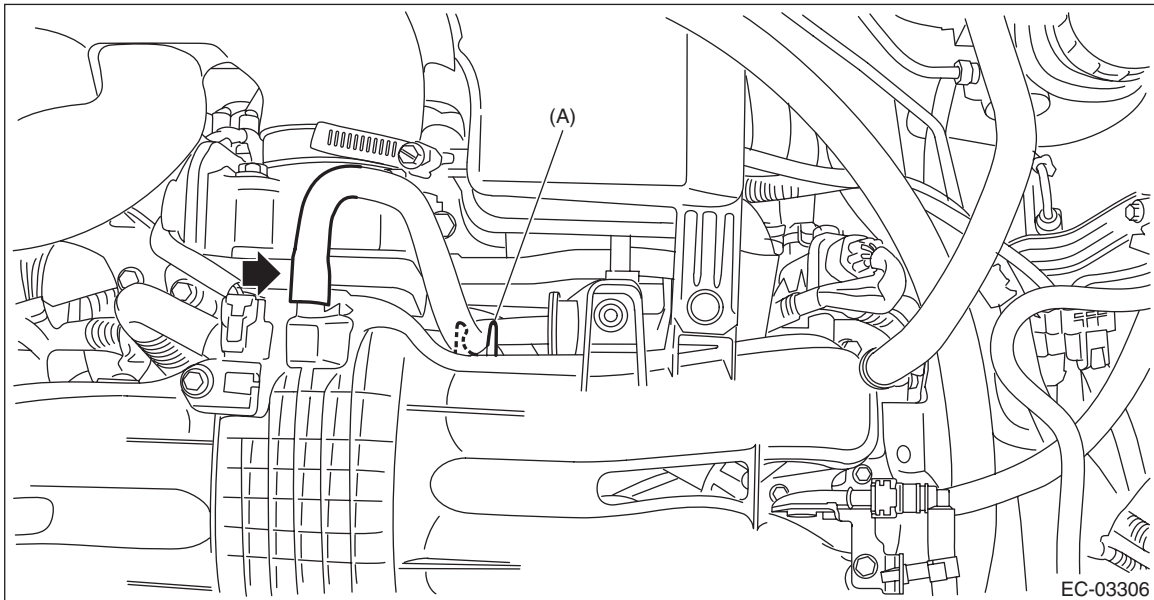
- Hold the purge control solenoid valve unit by hand to prevent it from rotating together.
- Connect the vacuum hose as shown in the figure.



(a) To intake manifold

(b) To fuel pipe

- Check that the vacuum hose is securely held to the intake manifold and intake manifold clip (A).



### Tightening torque:

**3.4 N·m (0.3 kgf-m, 2.5 ft-lb)**

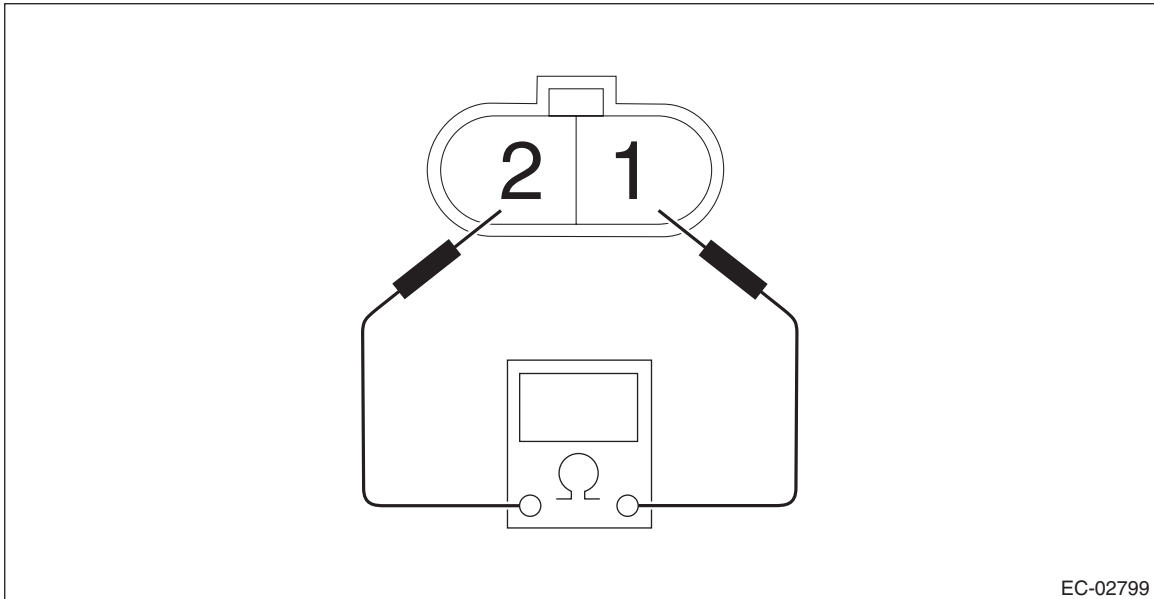
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## C: INSPECTION

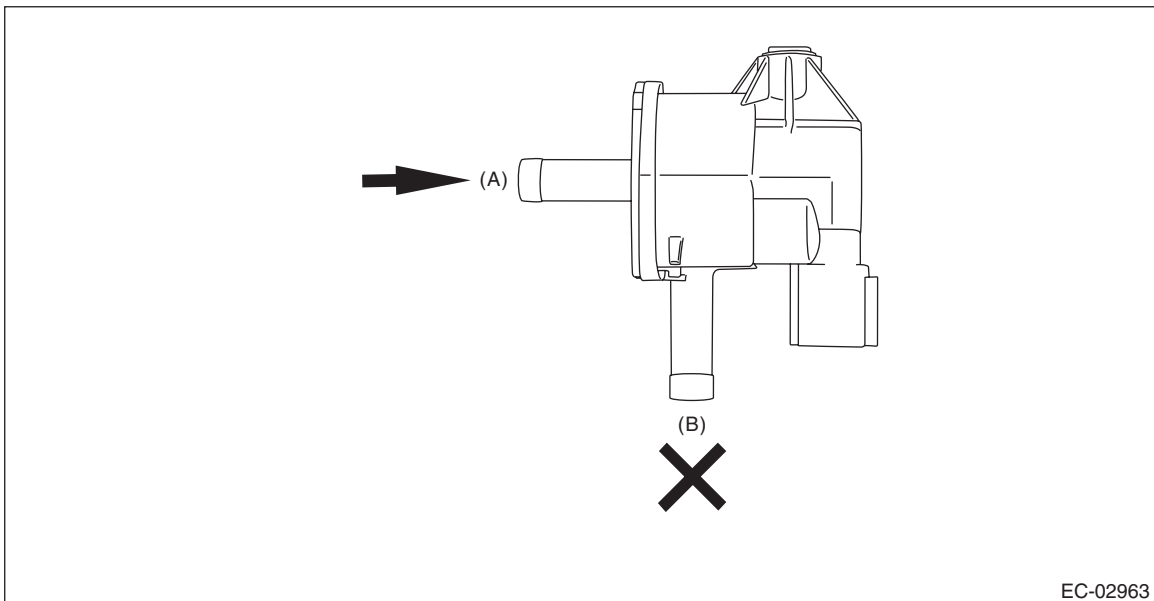
### 1. PURGE CONTROL SOLENOID VALVE

- 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
1 and 2	$24 \pm 3 \, \Omega$ (20°C (68°F))

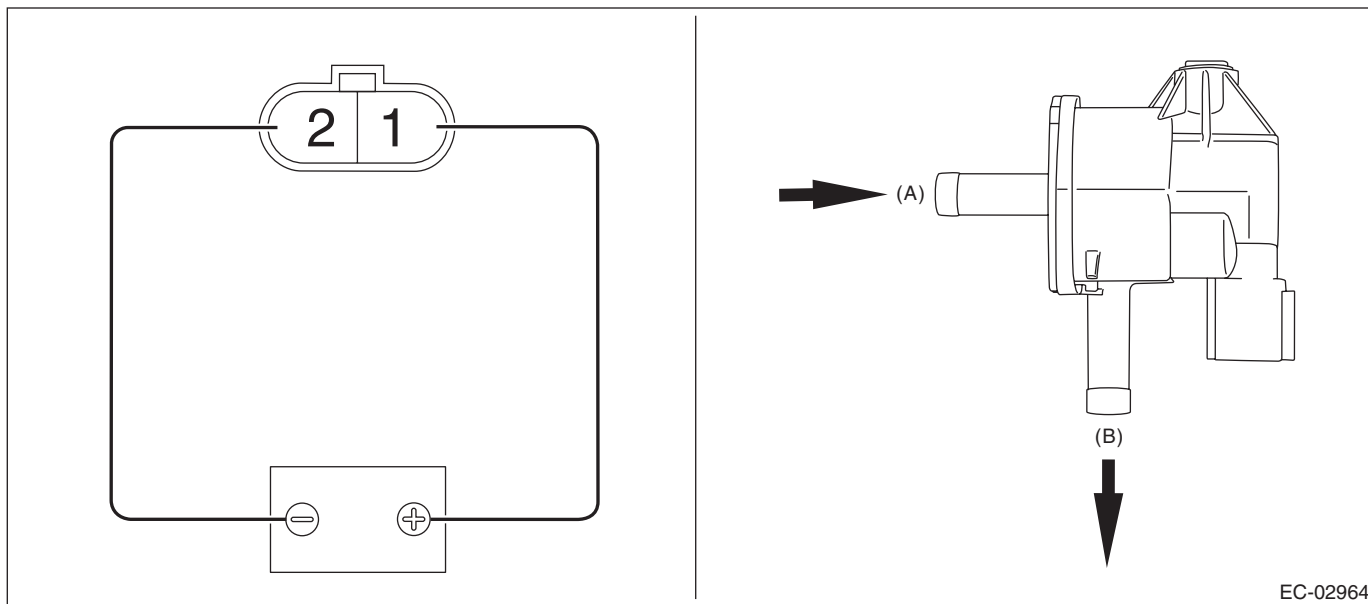
- 3) Check that air does not come out from (B) when air is blown into (A).



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4) 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).



### 2. OTHER INSPECTIONS

Check the vacuum hose for cracks, damage or looseness.