

Purge Control Solenoid Valve

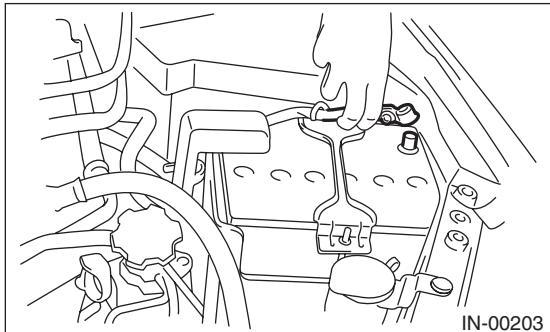
EMISSION CONTROL (AUX. EMISSION CONTROL DEVICES)

5. Purge Control Solenoid Valve

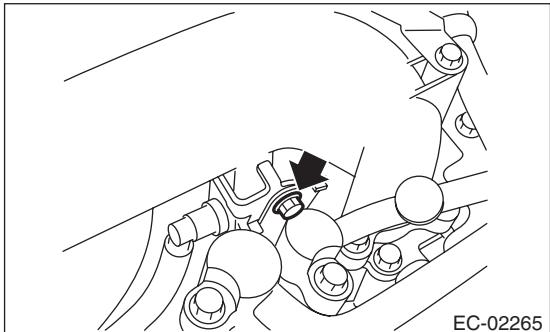
A: REMOVAL

1. PURGE CONTROL SOLENOID VALVE 1

1) Disconnect the ground cable from battery.



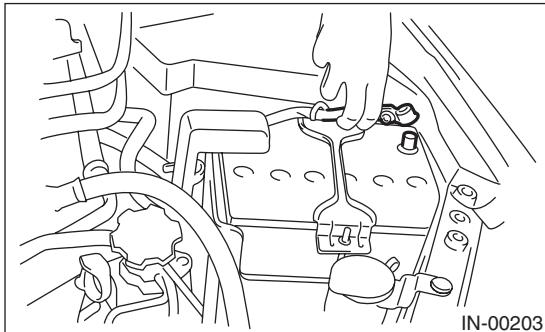
2) Remove the bolts which secure purge control solenoid valve 1 to the intake manifold, and disconnect the connector from the purge control solenoid valve 1.



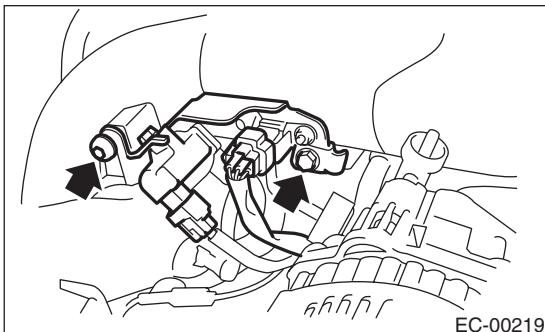
3) Disconnect the vacuum hose from purge control solenoid valve 1.

2. PURGE CONTROL SOLENOID VALVE 2

1) Disconnect the ground cable from battery.

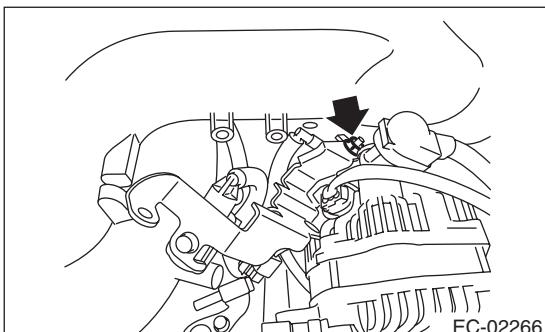


2) Remove the solenoid valve bracket assembly from the intake manifold.



3) Disconnect the connector and the vacuum hose from purge control solenoid valve 2.

4) Remove the purge control solenoid valve 2 from the solenoid valve bracket assembly.



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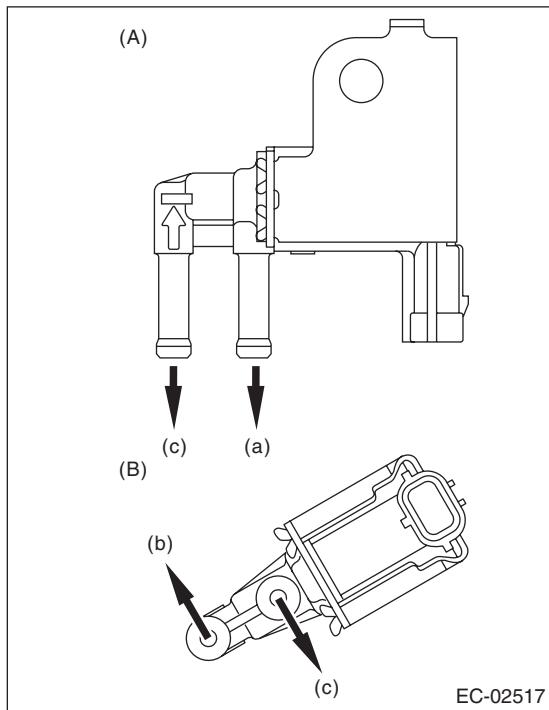
B: INSTALLATION

1. PURGE CONTROL SOLENOID VALVE 1

Install in the reverse order of removal.

NOTE:

Connect the vacuum hose as shown in the figure.



- (A) Purge control solenoid valve 1
- (B) Purge control solenoid valve 2
- (a) To intake manifold
- (b) To intake duct
- (c) To fuel pipe

Tightening torque:

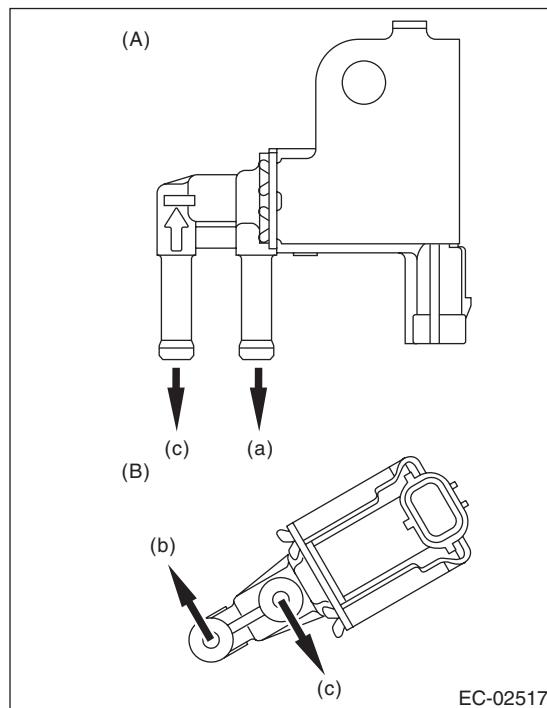
6.4 N·m (0.7 kgf-m, 4.7 ft-lb)

2. PURGE CONTROL SOLENOID VALVE 2

Install in the reverse order of removal.

NOTE:

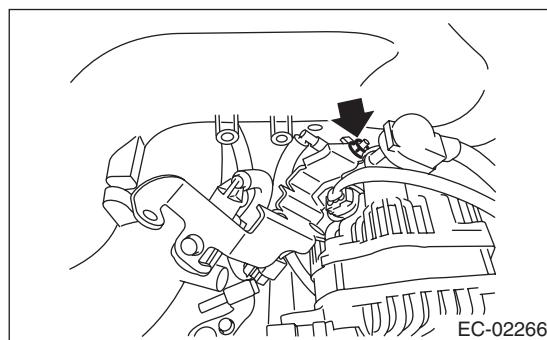
Connect the vacuum hose as shown in the figure.



- (A) Purge control solenoid valve 1
- (B) Purge control solenoid valve 2
- (a) To intake manifold
- (b) To intake duct
- (c) To fuel pipe

Tightening torque:

6.4 N·m (0.7 kgf-m, 4.7 ft-lb)



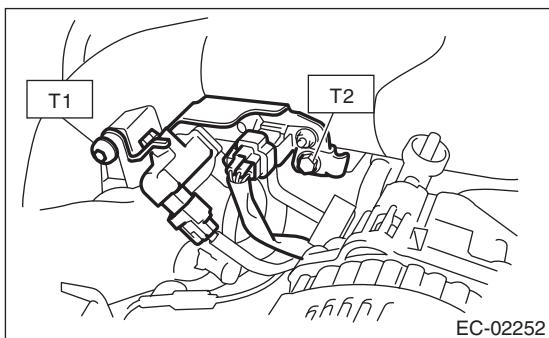
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Tightening torque:

T1: 17 N·m (1.7 kgf-m, 12.5 ft-lb)

T2: 19 N·m (1.9 kgf-m, 14.0 ft-lb)

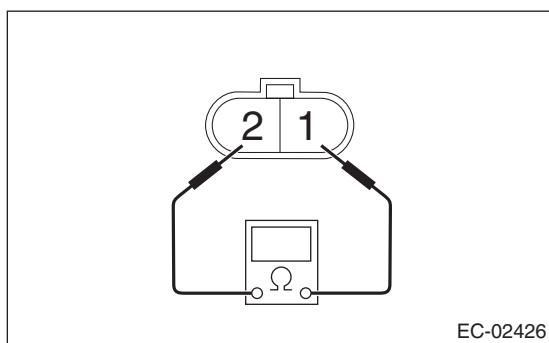


C: INSPECTION

1. PURGE CONTROL SOLENOID VALVE

1) Check that the purge control solenoid valve has no deformation, cracks or other damages.

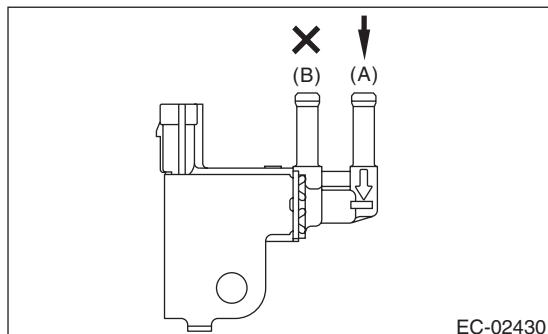
2) Measure the resistance between the purge control solenoid valve terminals.



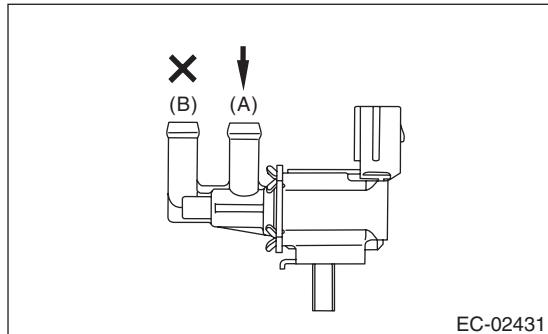
	Terminal No.	Standard
Purge control solenoid valve 1	1 and 2	$32 \pm 2 \Omega$ (when 20°C (68°F))
Purge control solenoid valve 2		$24 \pm 3 \Omega$ (when 20°C (68°F))

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

- Purge control solenoid valve 1

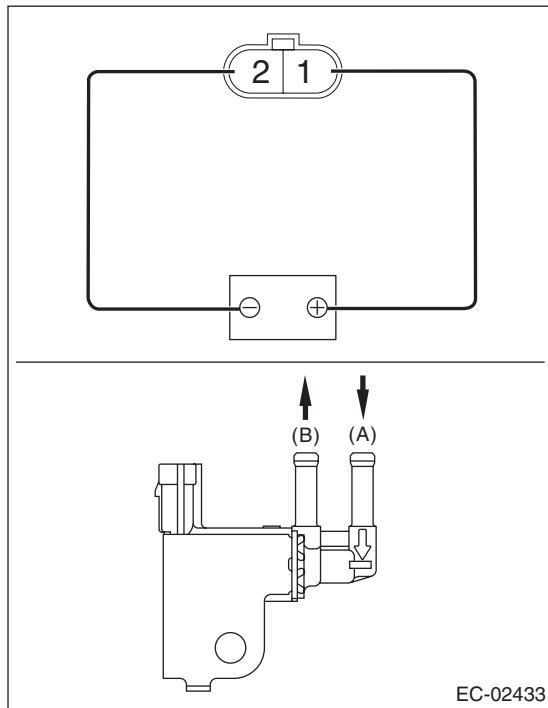


- Purge control solenoid valve 2



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).

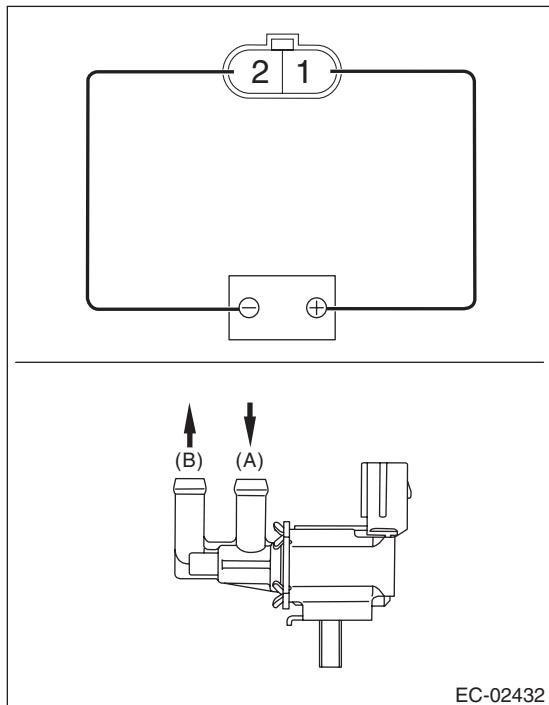
- Purge control solenoid valve 1



Purge Control Solenoid Valve

EMISSION CONTROL (AUX. EMISSION CONTROL DEVICES)

- Purge control solenoid valve 2



2. OTHER INSPECTIONS

Check the vacuum hose for cracks, damage or looseness.