

Purge Control Solenoid Valve

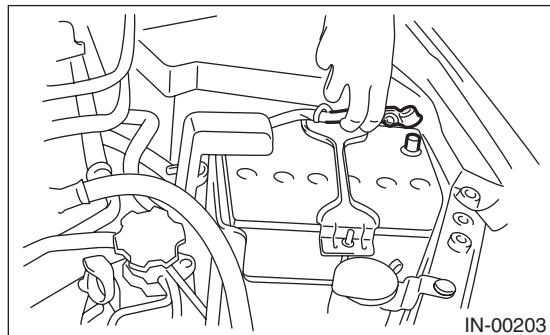
EMISSION CONTROL (AUX. EMISSION CONTROL DEVICES)

5. Purge Control Solenoid Valve

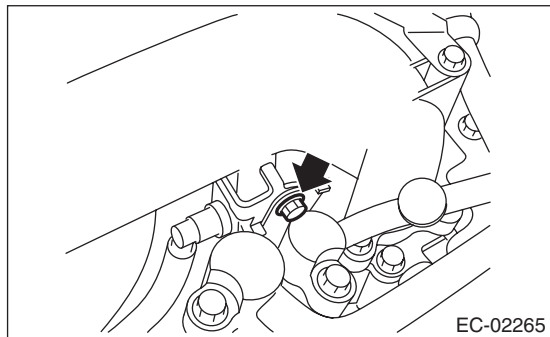
A: REMOVAL

1. PURGE CONTROL SOLENOID VALVE 1

- 1) Disconnect the ground cable from battery.



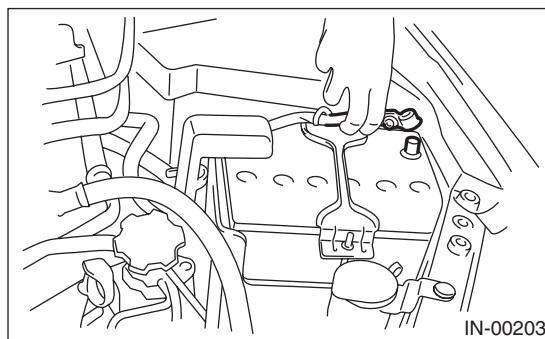
- 2) Remove the bolts which secure purge control solenoid valve 1 to the intake manifold, and disconnect the connector from the purge control solenoid valve 1.



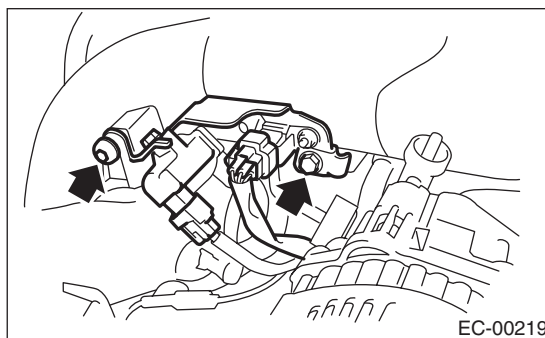
- 3) Disconnect the vacuum hose from purge control solenoid valve 1.

2. PURGE CONTROL SOLENOID VALVE 2

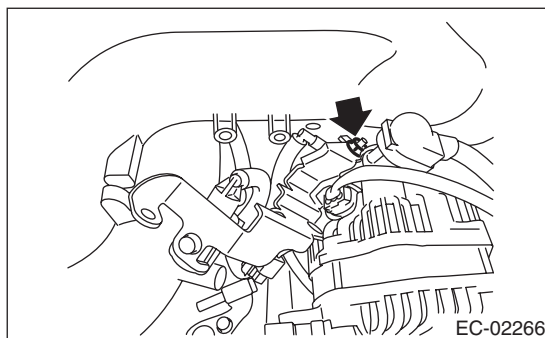
- 1) Disconnect the ground cable from battery.



- 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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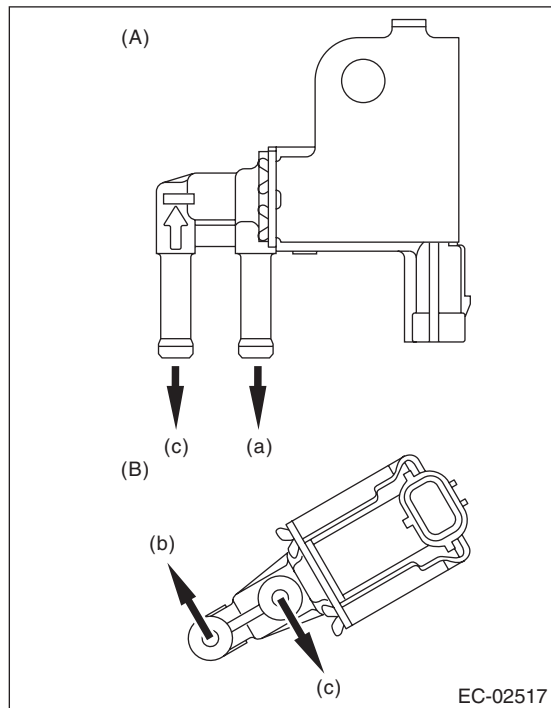
B: INSTALLATION

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:

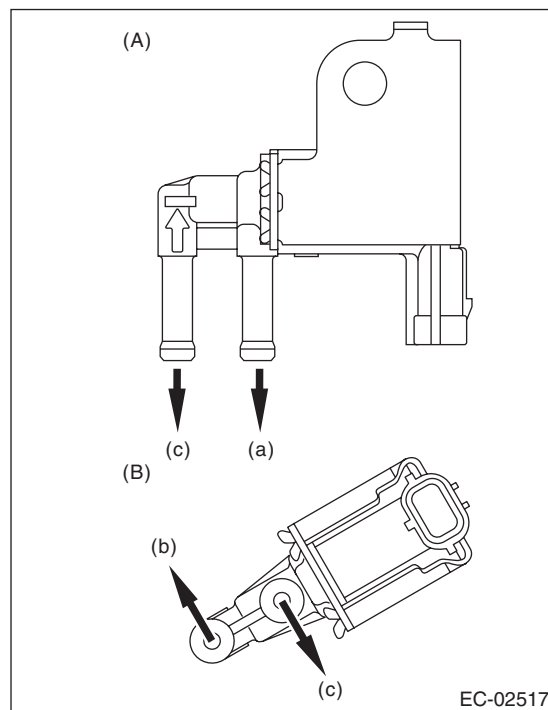
6.4 N·m (0.7 kgf-m, 4.7 ft-lb)

2. PURGE CONTROL SOLENOID VALVE 2

Install in the reverse order of removal.

NOTE:

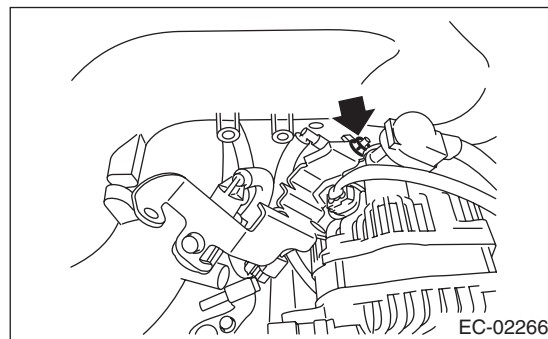
Connect the vacuum hose as shown in the figure.



- (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)



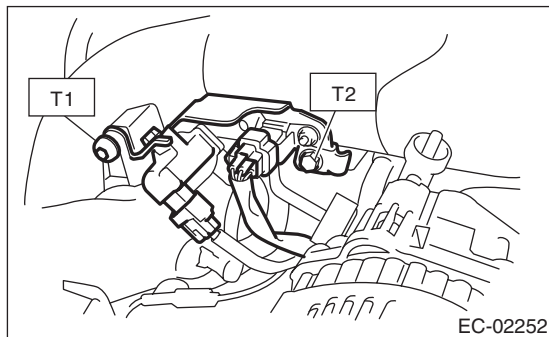
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Tightening torque:

T1: 17 N·m (1.7 kgf-m, 12.5 ft-lb)

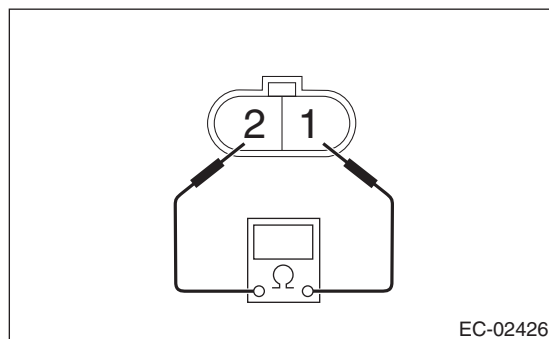
T2: 19 N·m (1.9 kgf-m, 14.0 ft-lb)



C: INSPECTION

1. PURGE CONTROL SOLENOID VALVE

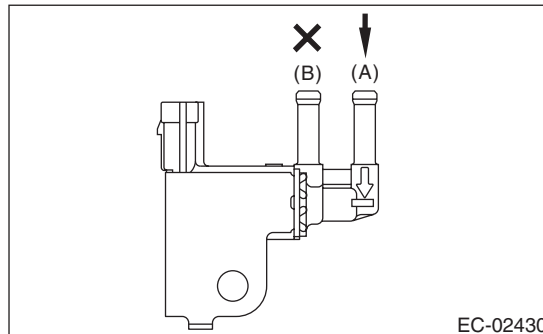
- 1) Check that the purge control solenoid valve has no deformation, cracks or other damages.
- 2) Measure the resistance between the purge control solenoid valve terminals.



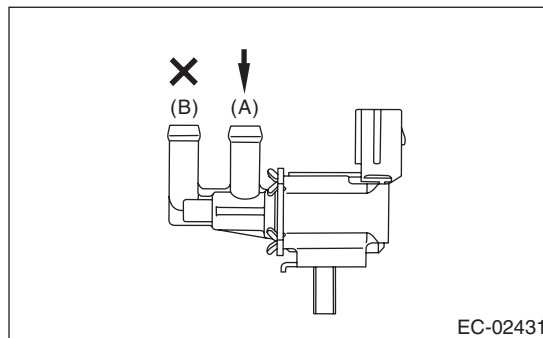
	Terminal No.	Standard
Purge control solenoid valve 1	1 and 2	$32 \pm 2 \Omega$ (when 20°C (68°F))
Purge control solenoid valve 2		$24 \pm 3 \Omega$ (when 20°C (68°F))

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

- Purge control solenoid valve 1

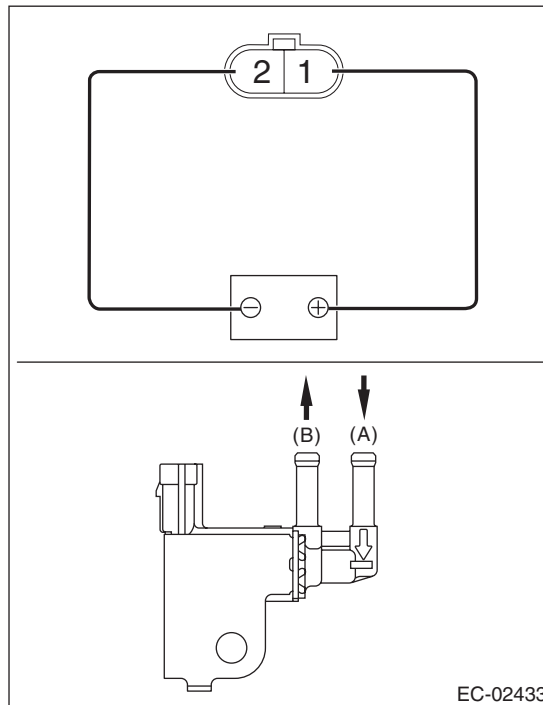


- Purge control solenoid valve 2



- 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).

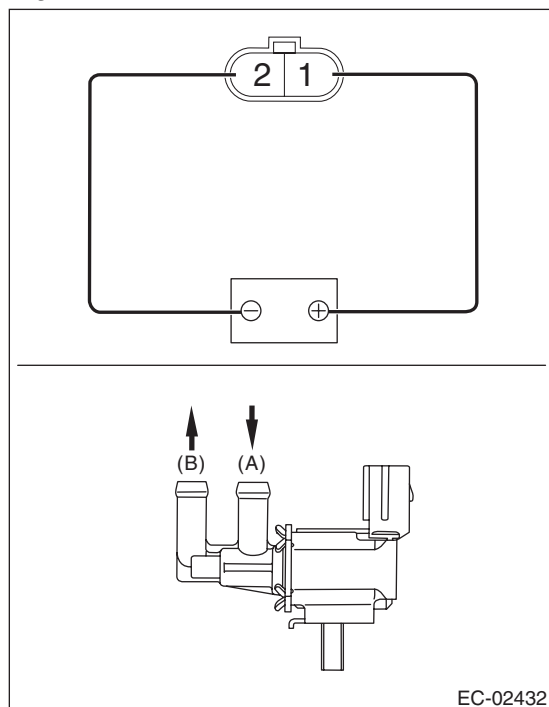
- Purge control solenoid valve 1



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.