

Purge Control Solenoid Valve

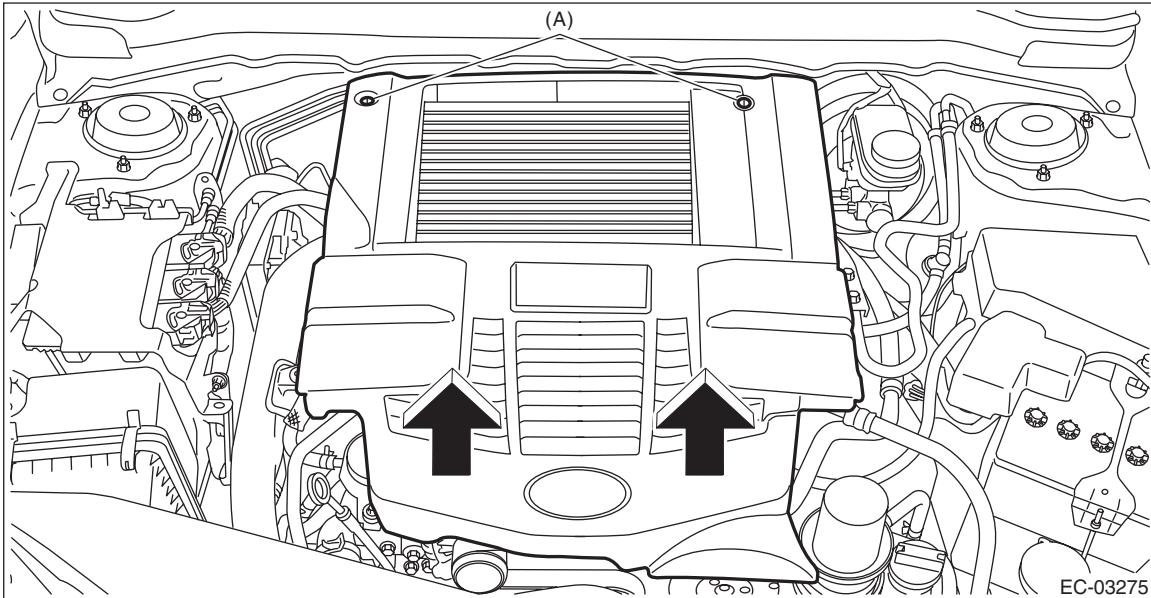
EMISSION CONTROL (AUX. EMISSION CONTROL DEVICES)

5. Purge Control Solenoid Valve

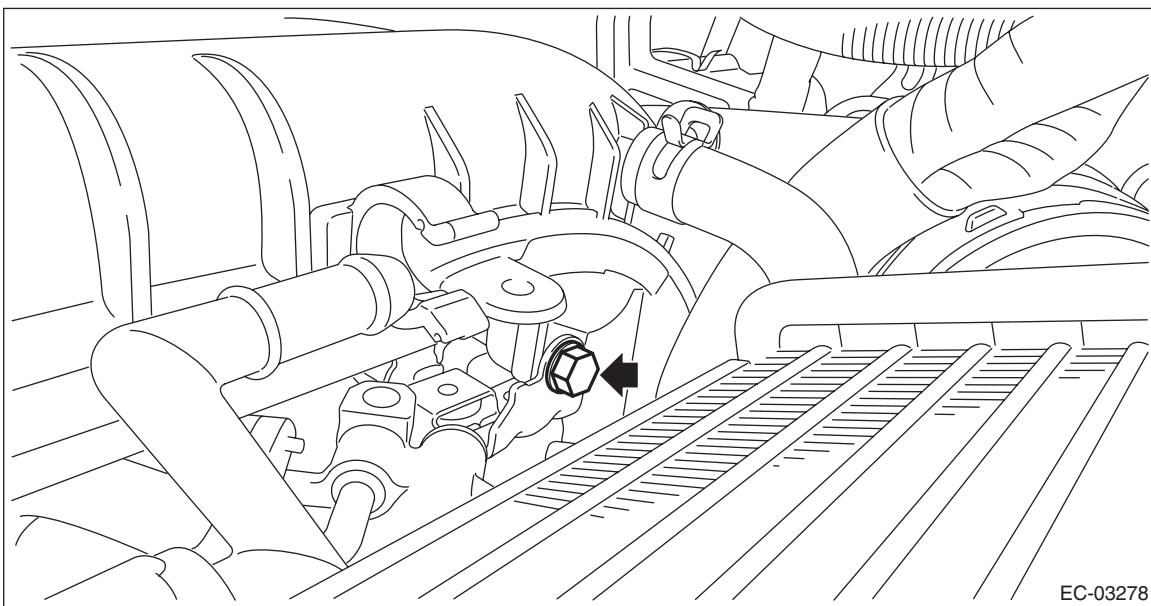
A: REMOVAL

1. PURGE CONTROL SOLENOID VALVE 1

- 1) Remove the clip (A), lift the front of the collector cover in the direction of arrow, and then remove the collector cover.



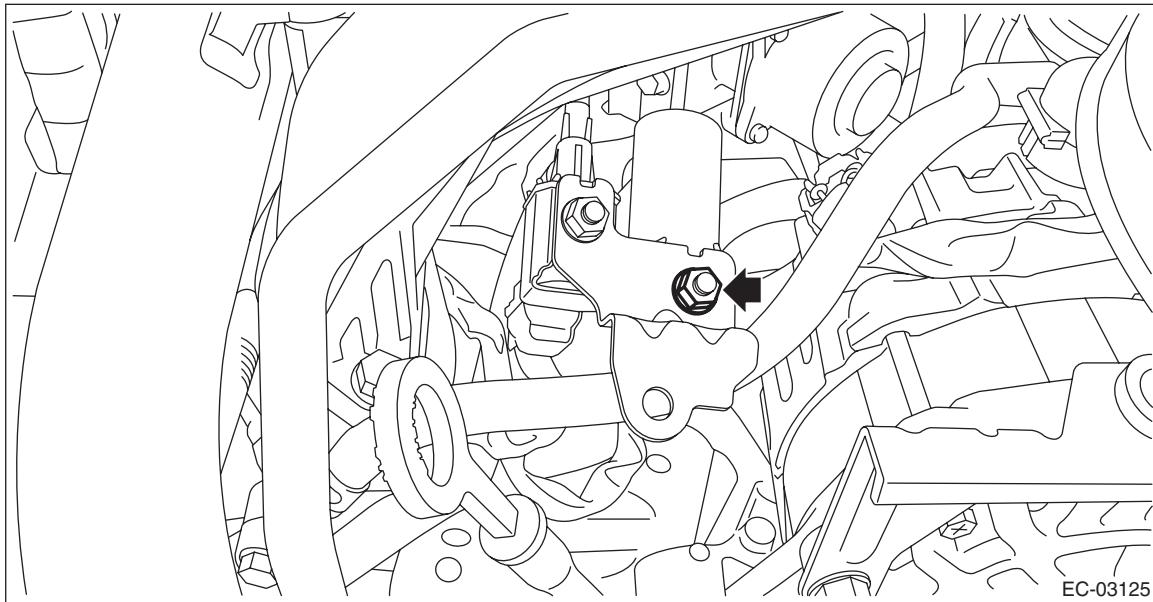
- 2) Disconnect the ground cable from battery.
- 3) Remove the brake vacuum pump. <Ref. to BR-79, REMOVAL, Brake Vacuum Pump.>
- 4) Remove the bolt which secure the solenoid valve bracket from the intake manifold.



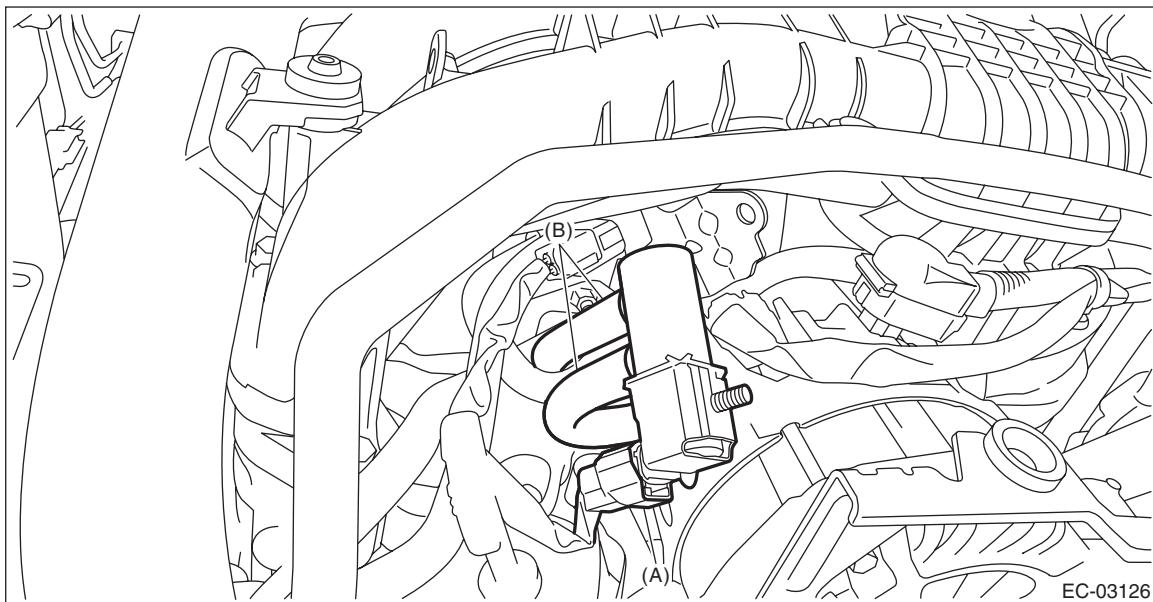
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EMISSION CONTROL (AUX. EMISSION CONTROL DEVICES)

5) Remove the nut which secures the purge control solenoid valve 1 to the solenoid valve bracket.



6) Disconnect the connector (A) and vacuum hose (B) from the purge control solenoid valve 1, and remove the purge control solenoid valve 1.

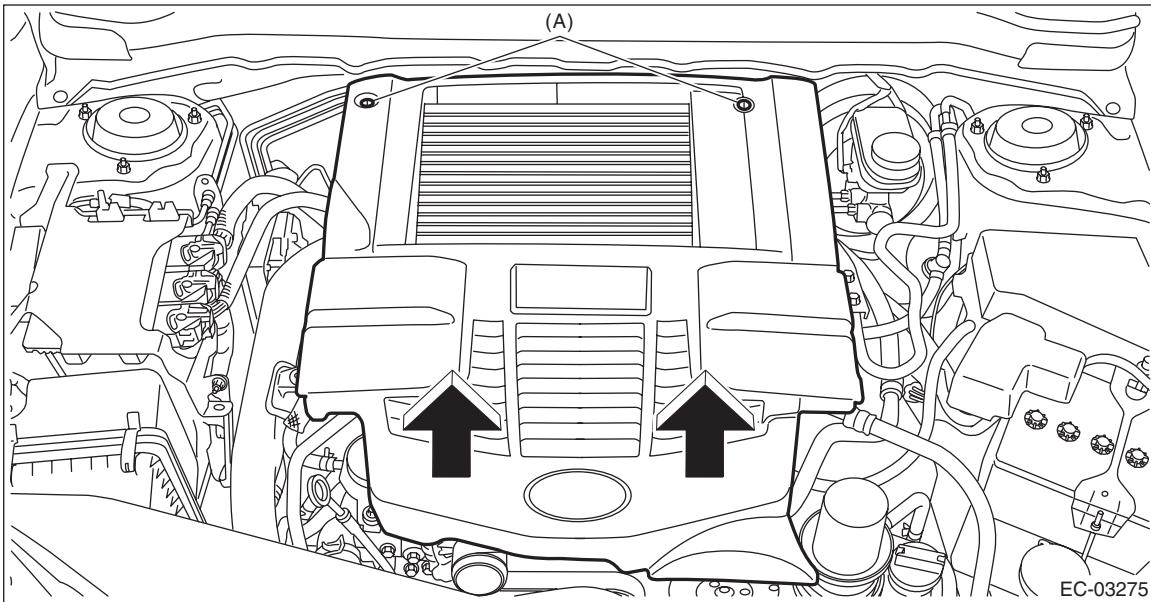


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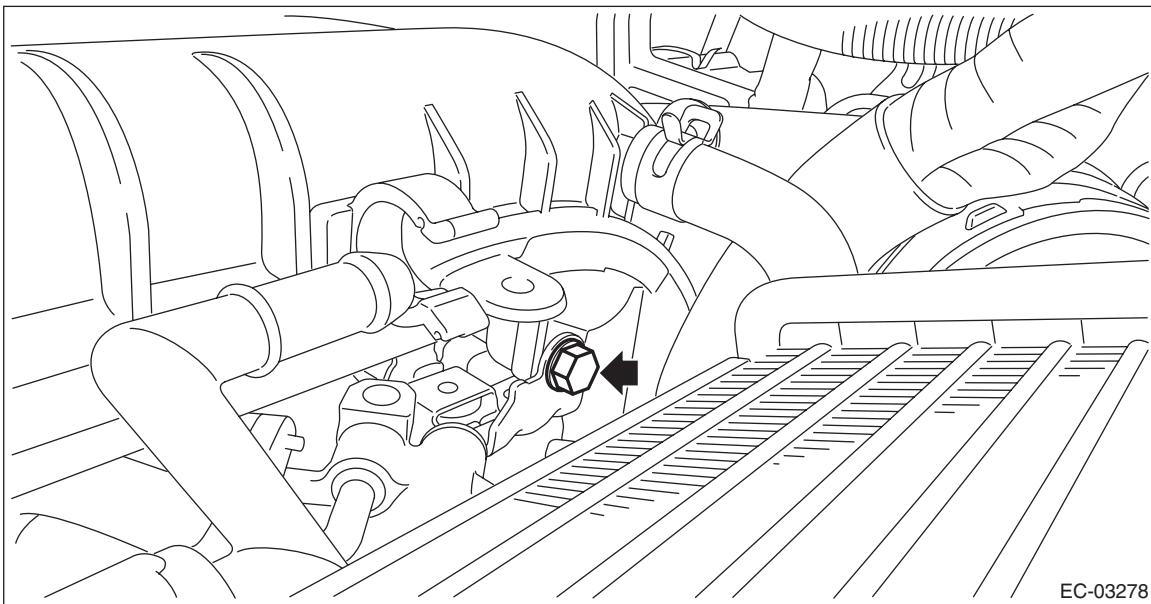
EMISSION CONTROL (AUX. EMISSION CONTROL DEVICES)

2. PURGE CONTROL SOLENOID VALVE 2

- 1) Remove the clip (A), lift the front of the collector cover in the direction of arrow, and then remove the collector cover.



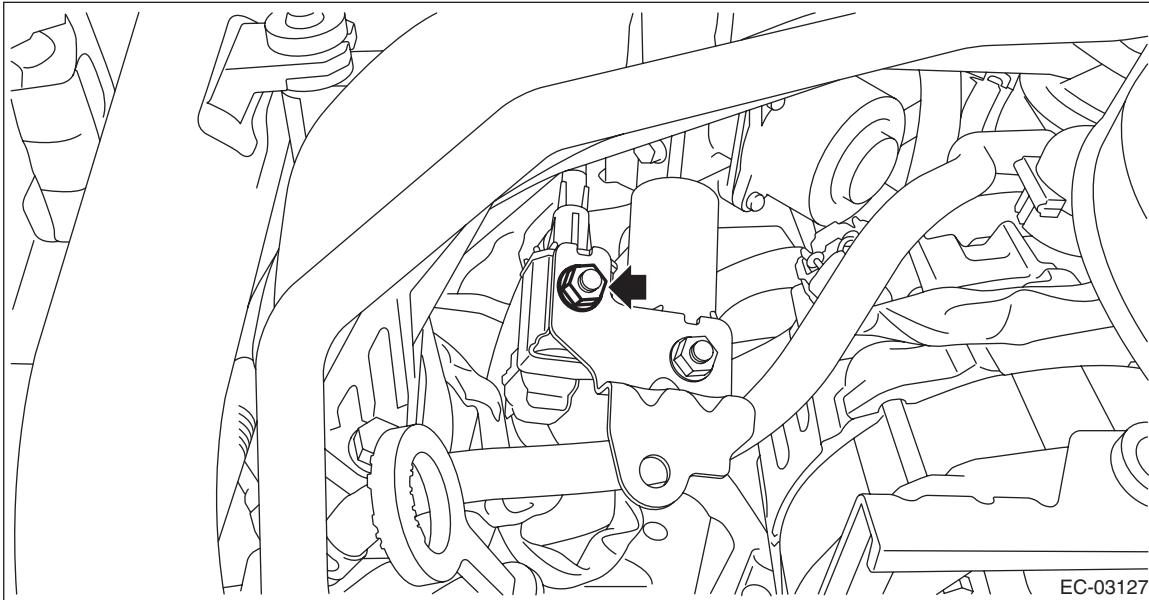
- 2) Disconnect the ground cable from battery.
- 3) Remove the brake vacuum pump. <Ref. to BR-79, REMOVAL, Brake Vacuum Pump.>
- 4) Remove the bolt which secure the solenoid valve bracket from the intake manifold.



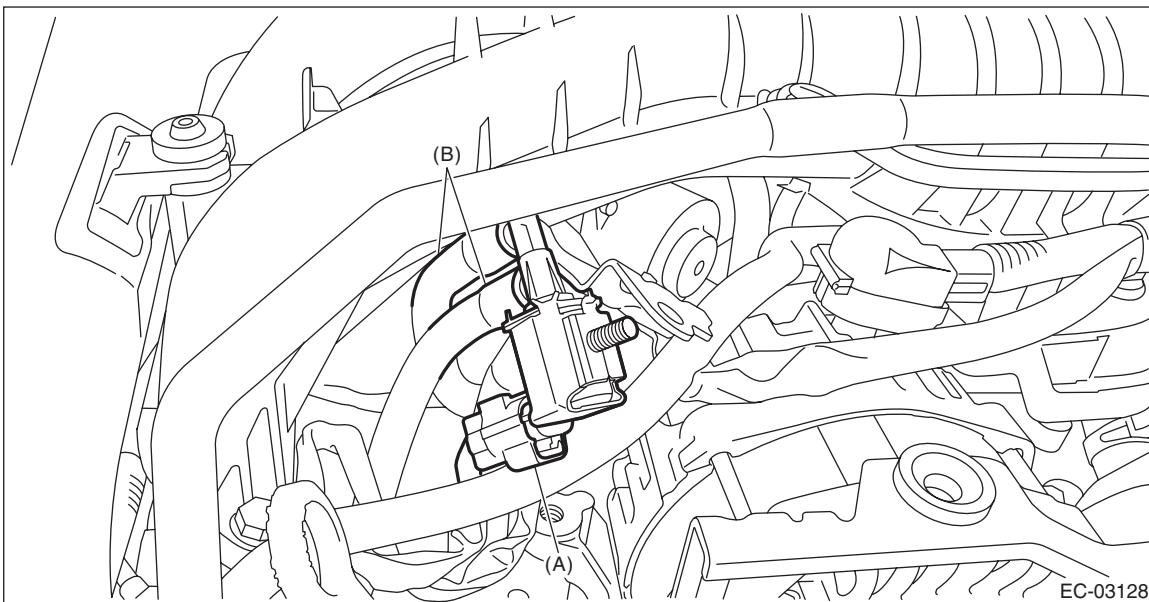
Purge Control Solenoid Valve

EMISSION CONTROL (AUX. EMISSION CONTROL DEVICES)

5) Remove the nut which secures the purge control solenoid valve 2 to the solenoid valve bracket.



6) Disconnect the connector (A) and vacuum hose (B) from the purge control solenoid valve 2, and remove the purge control solenoid valve 2.



Purge Control Solenoid Valve

EMISSION CONTROL (AUX. EMISSION CONTROL DEVICES)

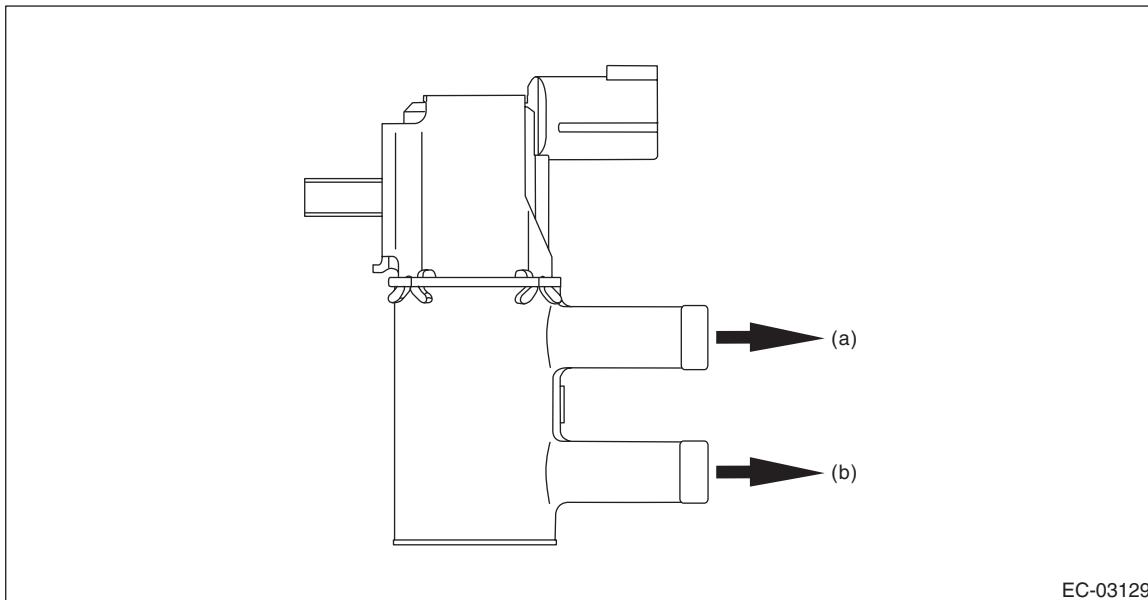
B: INSTALLATION

1. PURGE CONTROL SOLENOID VALVE 1

Install in the reverse order of removal.

NOTE:

Connect the vacuum hose as shown in the figure.

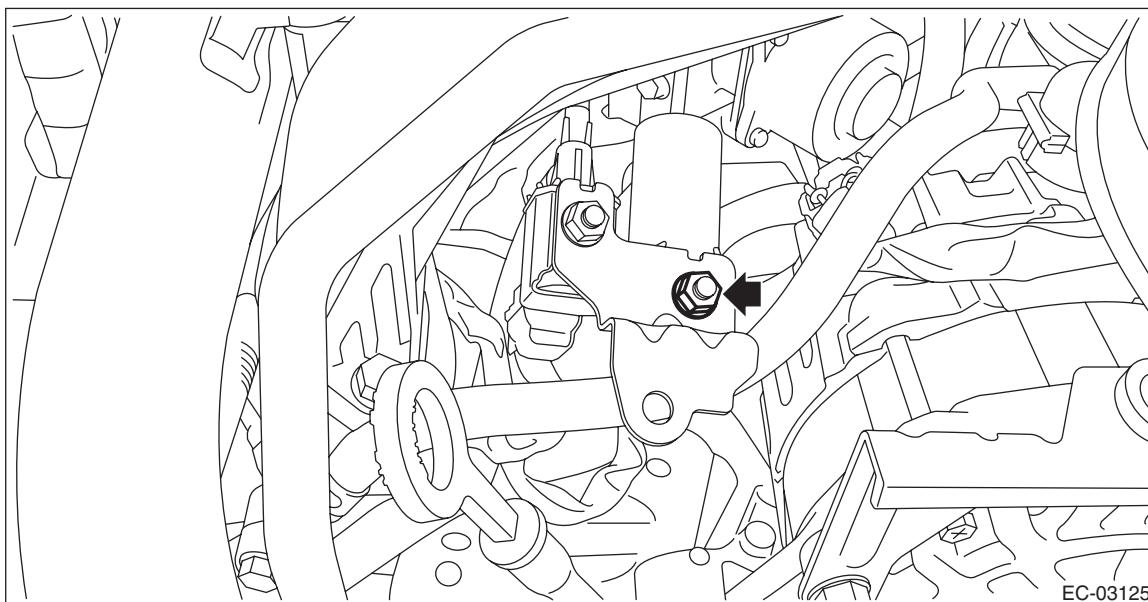


(a) To intake manifold

(b) To fuel pipe

Tightening torque:

6.4 N·m (0.7 kgf·m, 4.7 ft-lb)

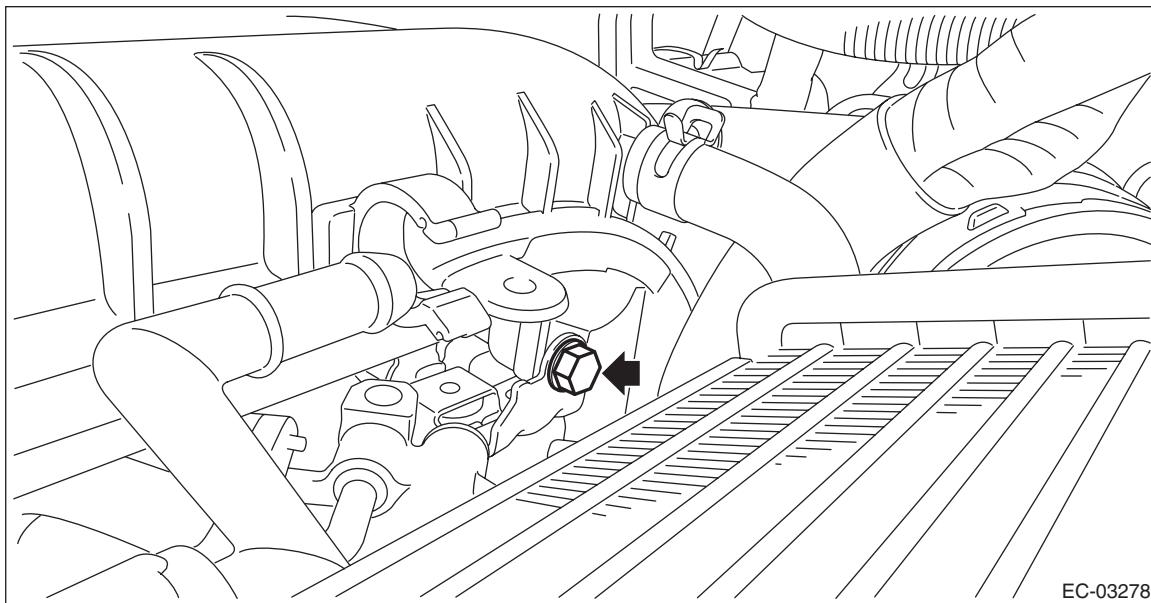


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EMISSION CONTROL (AUX. EMISSION CONTROL DEVICES)

Tightening torque:

19 N·m (1.9 kgf·m, 14.0 ft-lb)

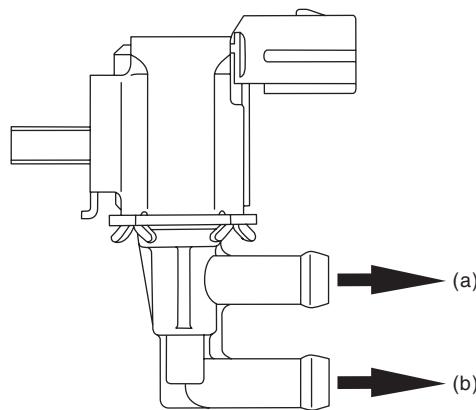


2. PURGE CONTROL SOLENOID VALVE 2

Install in the reverse order of removal.

NOTE:

Connect the vacuum hose as shown in the figure.



EC-03130

(a) To intake duct

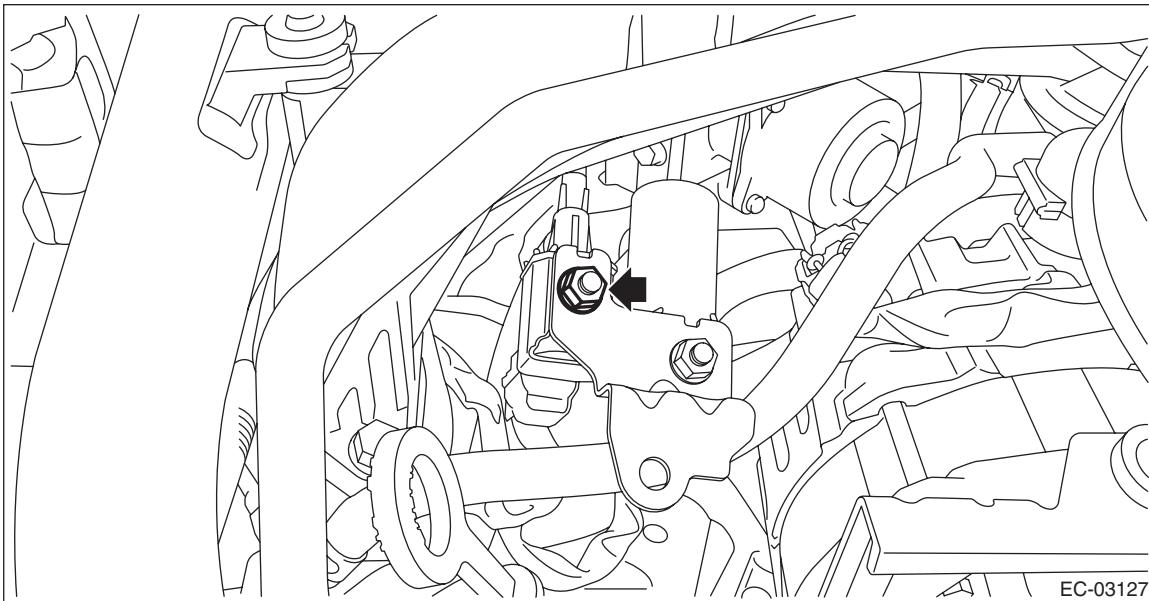
(b) To fuel pipe

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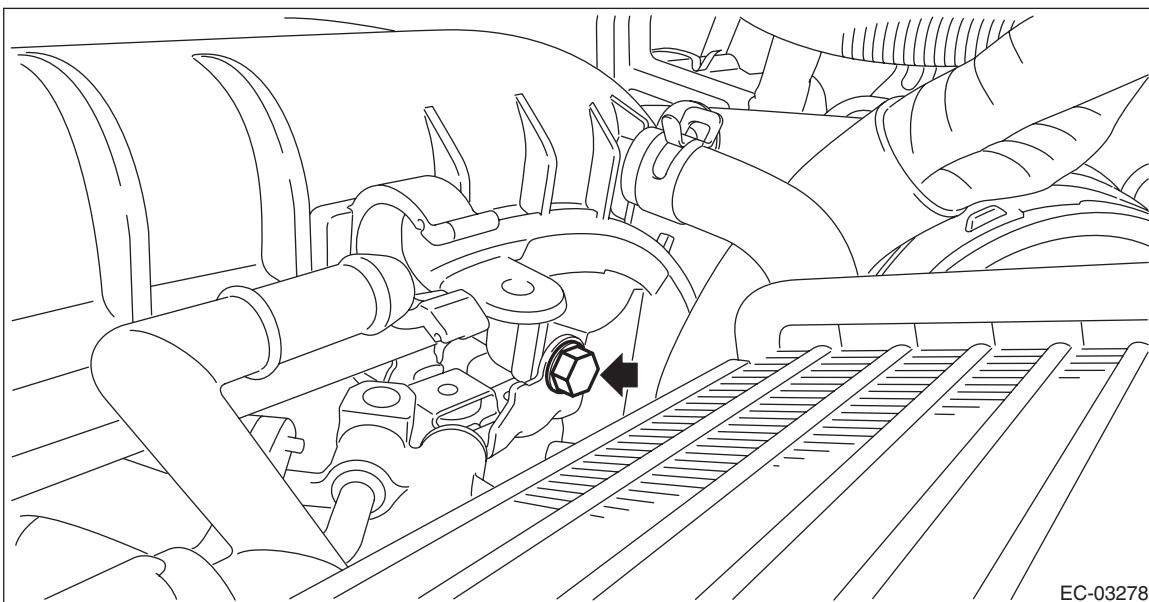
Tightening torque:

6.4 N·m (0.7 kgf·m, 4.7 ft-lb)



Tightening torque:

19 N·m (1.9 kgf·m, 14.0 ft-lb)



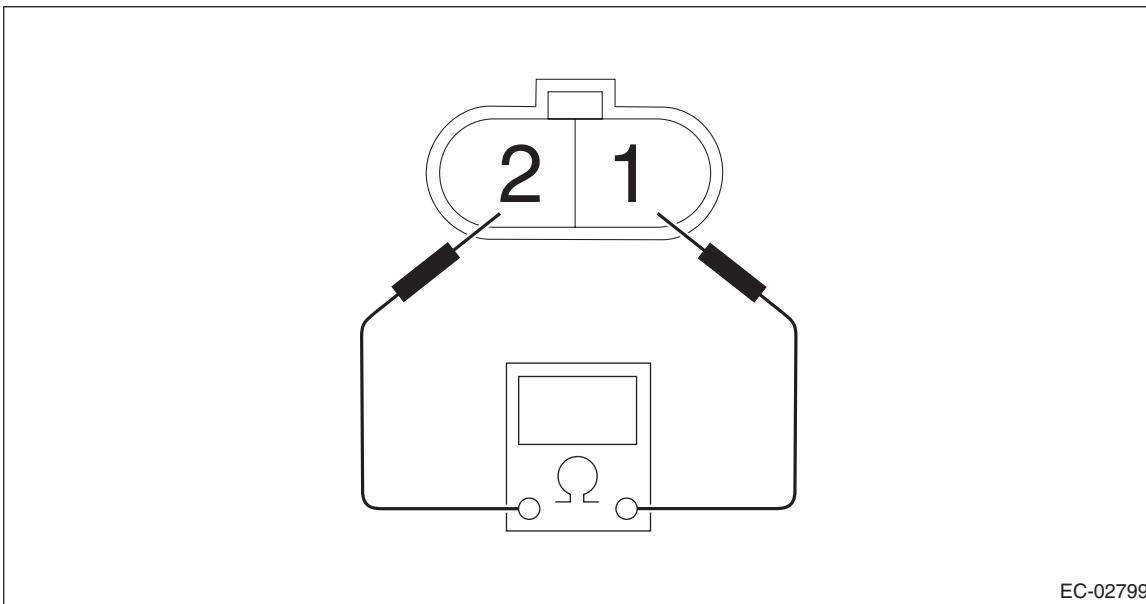
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EMISSION CONTROL (AUX. EMISSION CONTROL DEVICES)

C: INSPECTION

1. PURGE CONTROL SOLENOID VALVE

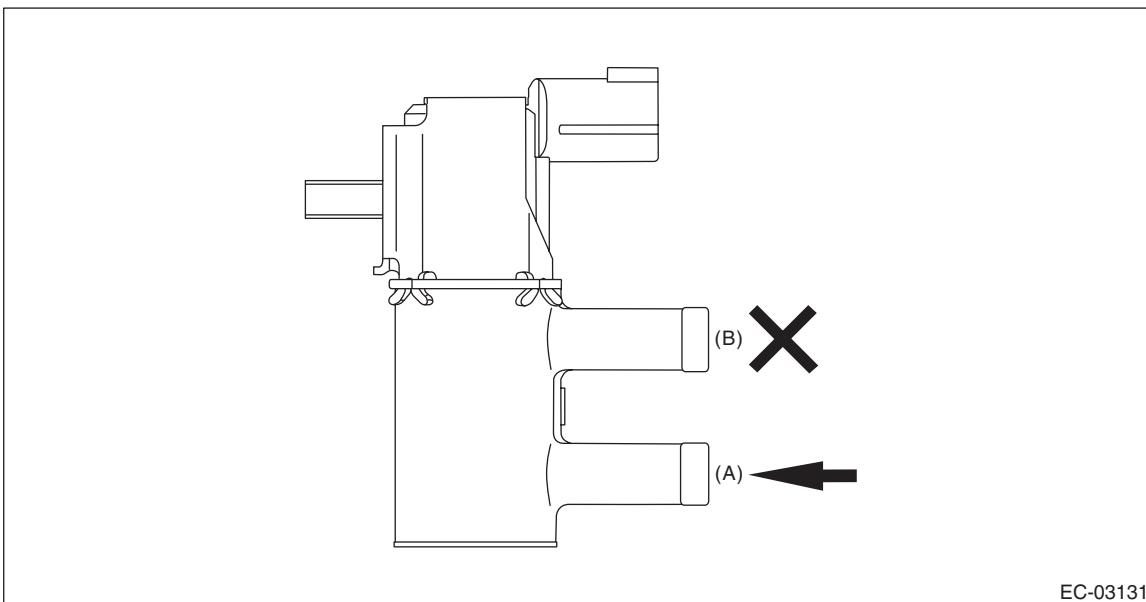
- 1) Check that the purge control solenoid valve has no deformation, cracks or other damages.
- 2) Measure the resistance between the purge control solenoid valve terminals.



Terminal No.	Standard
1 and 2	$24\pm3\Omega$ (20°C (68°F))

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

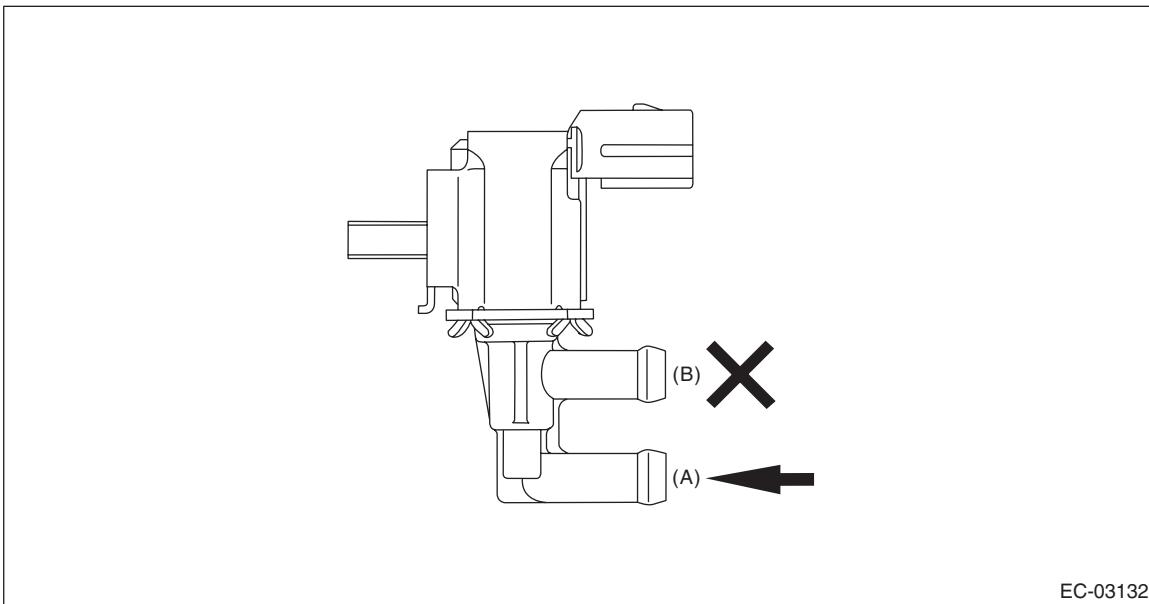
- Purge control solenoid valve 1



Purge Control Solenoid Valve

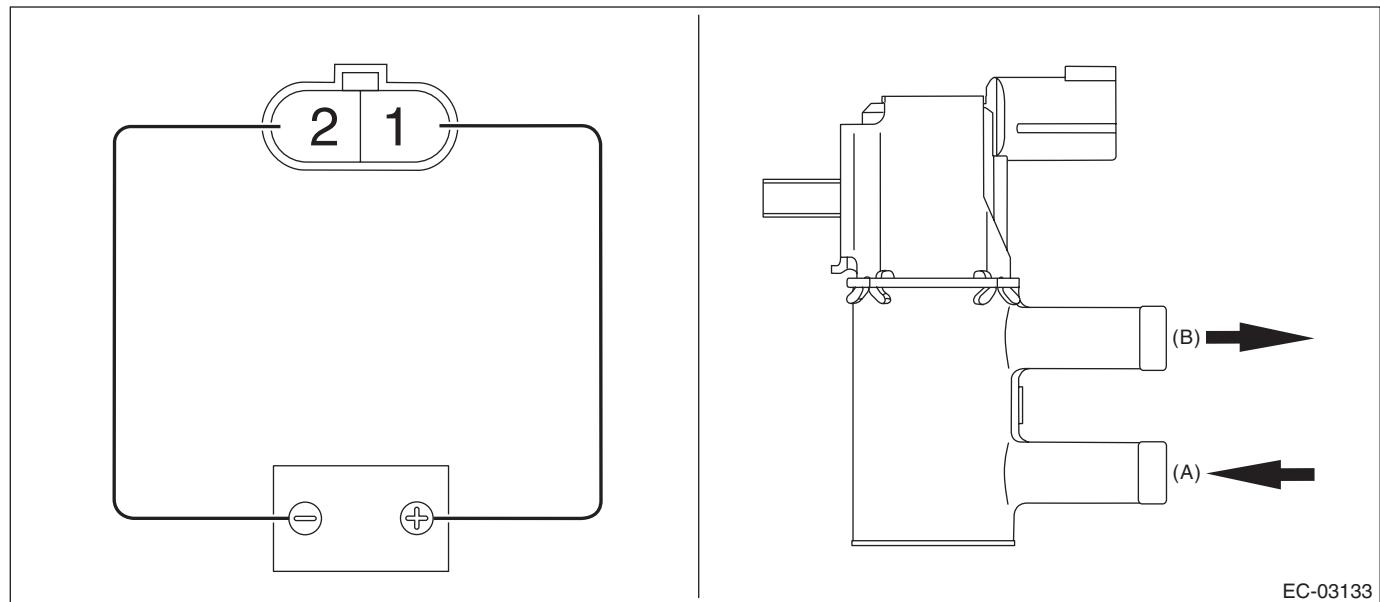
EMISSION CONTROL (AUX. EMISSION CONTROL DEVICES)

- 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).

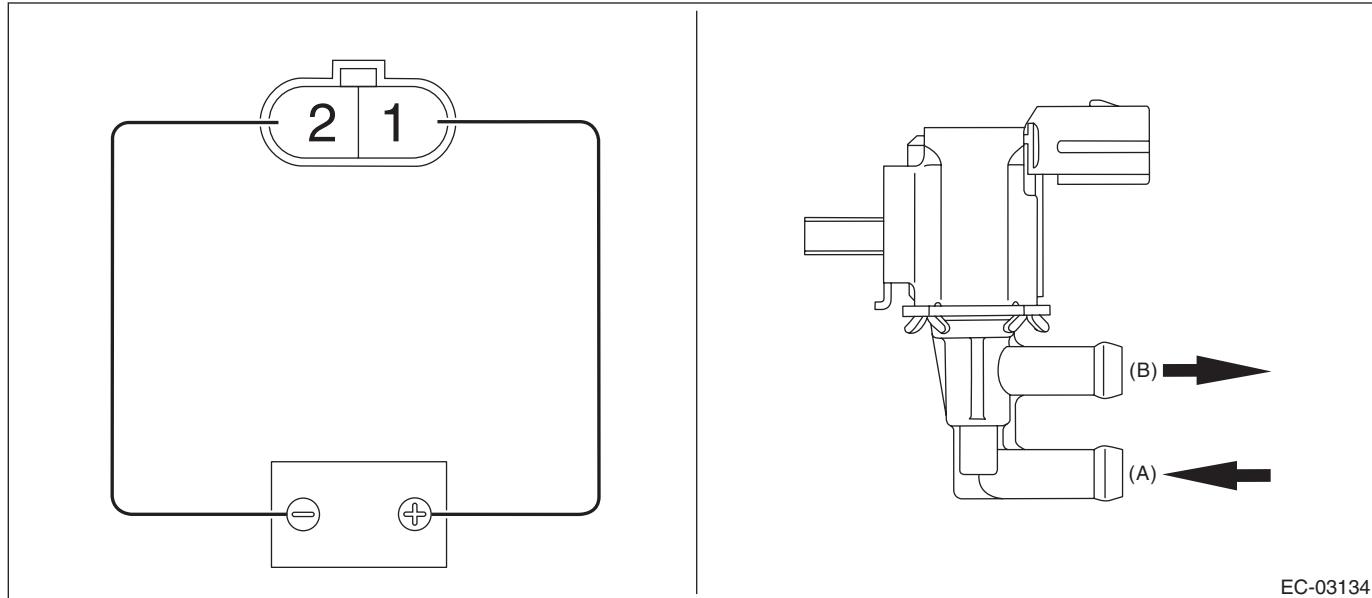
- Purge control solenoid valve 1



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.