

# Purge Control Solenoid Valve

EMISSION CONTROL (AUX. EMISSION CONTROL DEVICES)

## 6. Purge Control Solenoid Valve

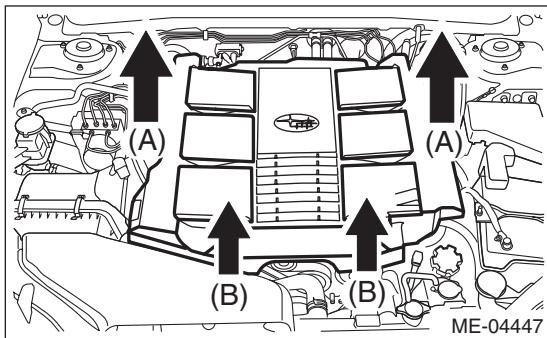
### A: REMOVAL

1) Remove the collector cover.

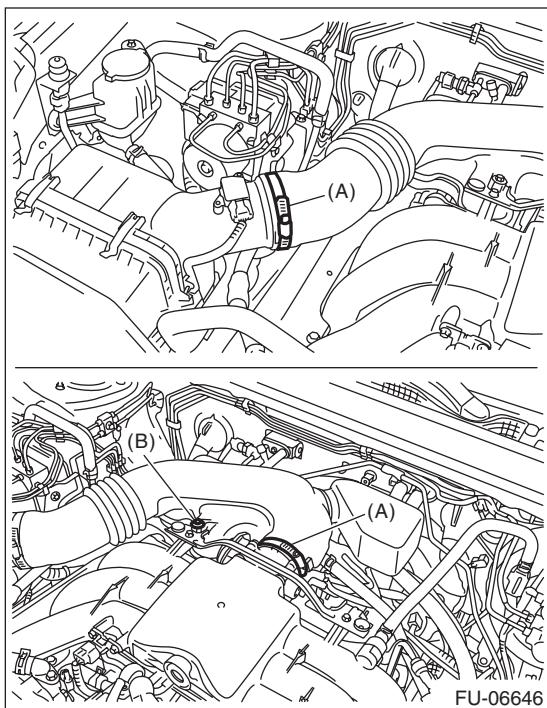
NOTE:

Follow the steps below when removing the collector cover.

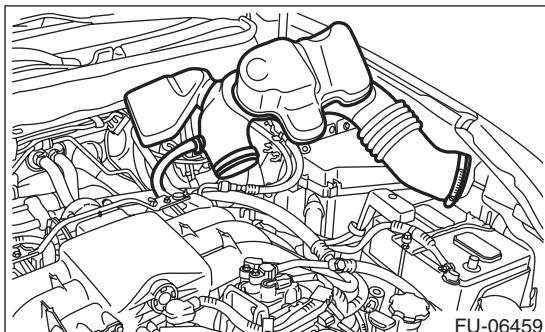
- (1) Pull up the two points at the rear (A).
- (2) Pull up the two points at the front (B) while moving them forward.



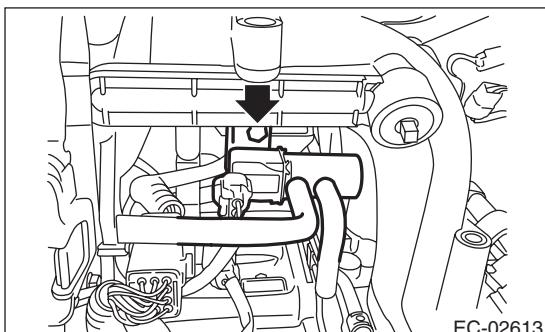
- 2) Disconnect the ground cable from battery.
- 3) Loosen the clamp (A) which connects the air intake boot assembly.
- 4) Loosen the bolt (B) which secures the air intake boot assembly to the collector cover bracket.



- 5) Remove the air intake boot assembly, and move it to the left side wheel apron.



- 6) Disconnect the connector and hoses of purge control solenoid valve, and then remove the purge control solenoid valve.

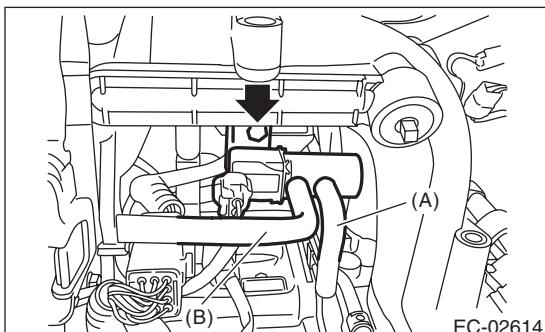


### B: INSTALLATION

Install in the reverse order of removal.

#### *Tightening torque:*

19 N·m (1.9 kgf·m, 14.0 ft-lb)



(A) To fuel pipe (evaporation line)

(B) To intake manifold

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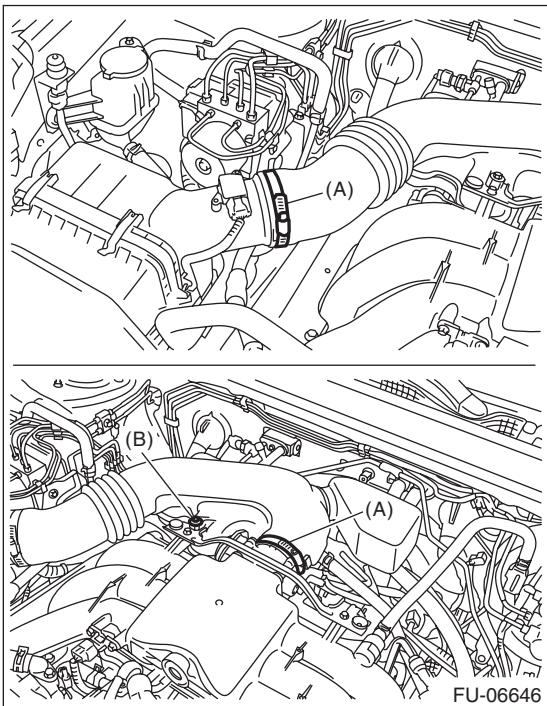
## Tightening torque:

**Clamp (A)**

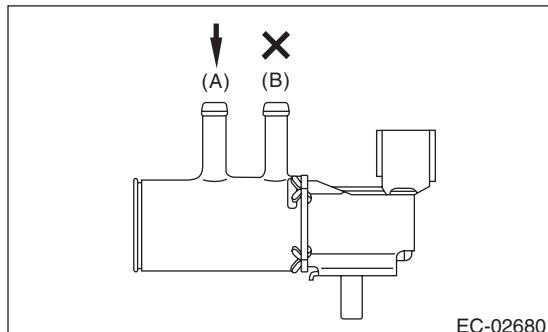
3 N·m (0.3 kgf-m, 2.2 ft-lb)

**Bolt (B)**

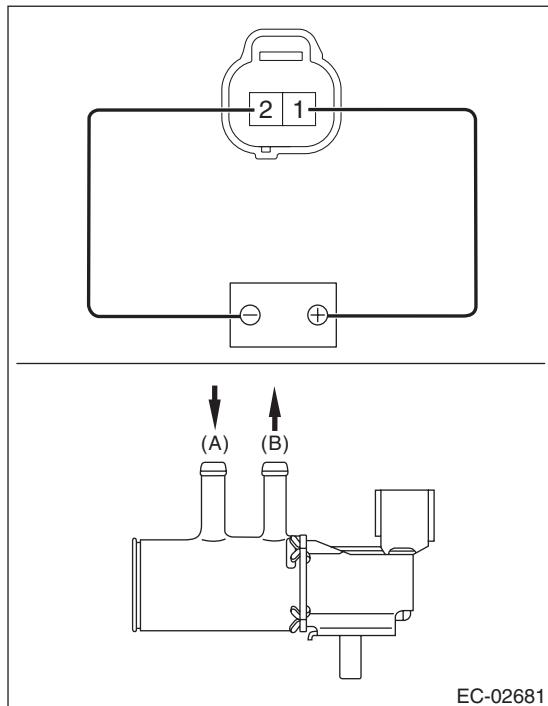
6.5 N·m (0.7 kgf-m, 4.8 ft-lb)



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



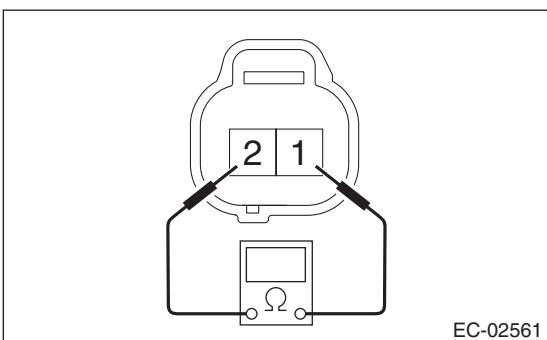
4) Connect the battery positive terminal to the terminal No. 1 and the battery negative terminal to the terminal No. 2. Check that air is discharged from (B), when supplying air to (A).



## 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 and 2	$32\pm3\Omega$ (when 20°C (68°F))

### 2. OTHER INSPECTIONS

Check that the evaporation hose has no cracks, damage or loose part.