Component Procedures: Leak Detection Valve

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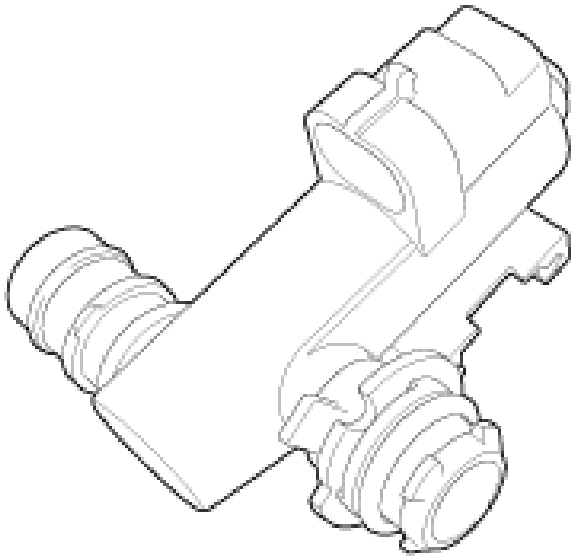
Component Procedures: Leak Detection Valve

Canister Close Valve (CCV) - Description and Operation (Article 44177)

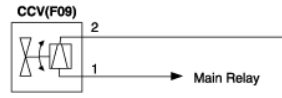
- Description



Canister Close Valve (CCV) - Schematic Diagrams (Article 44179)

- Circuit Diagram

[Circuit Diagram]

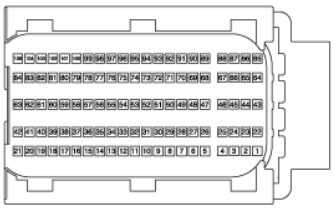


[Connection Information]

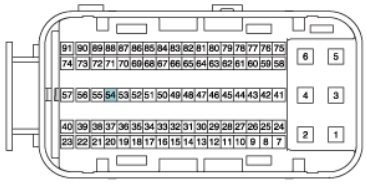
Terminal	Connected to	Function
1	Main Relay	Battery Power (B+)
2	ECM C300-B (54)	CCV Control

[Harness Connector]

F09
CCV



C300-A



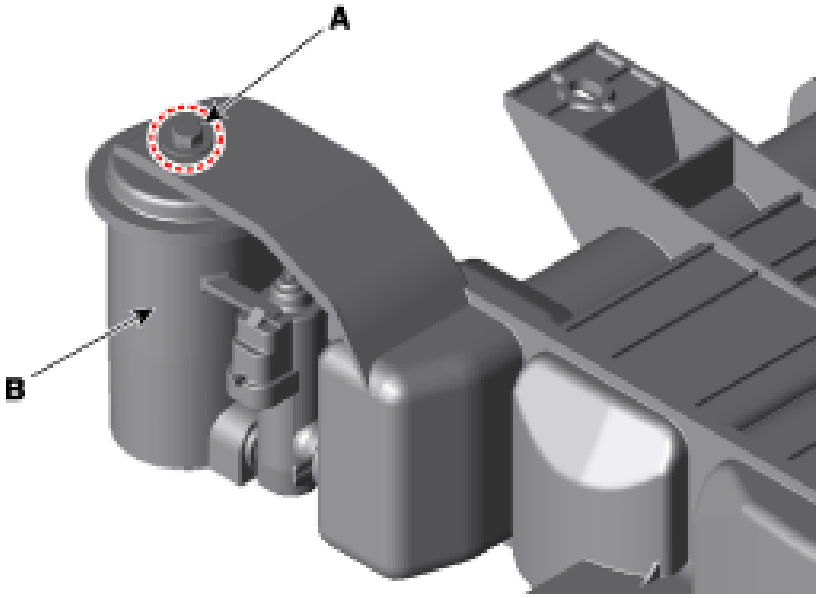
C300-B
ECM

Canister Close Valve (CCV) - Repair Procedures (Article 44181)

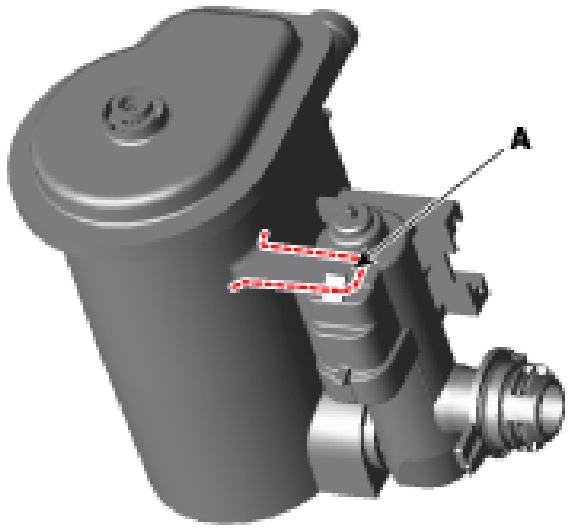
- Inspection

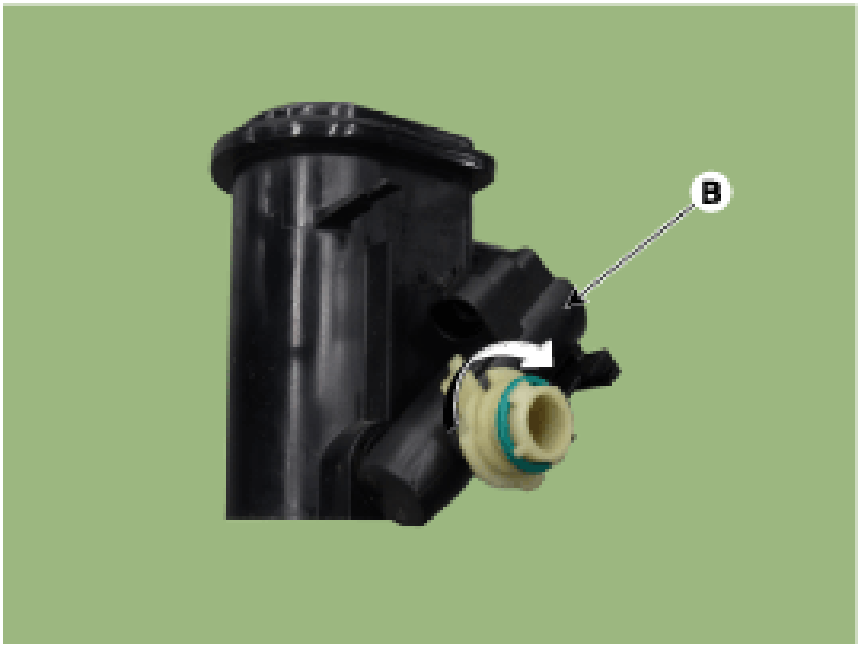
- Turn the ignition switch OFF.
- Disconnect the CCV connector.
- Measure resistance between the CCV terminal 1 and 2.
- Check that the resistance is within the specification. Specification : Refer to "Specification"
- Disconnect the vapor hose connected with the canister from the CCV.
- Connect a vacuum pump to the nipple.
- Ground the CCV control line and apply battery voltage to the CCV power supply line.
- Apply vacuum and check the valve operation. Specification : Vacuum maintained

- Removal
- Turn ignition sw itch OFF and disconnect the battery negative (-) terminal.
- Remove the canister assembly. (Refer to Emission Control System - "Canister")
- Remove the installation bolt (A), and then remove the air filter (B).



- Release the lever (A), and then separate the canister close valve (B) from the fuel tank air filter after rotating it in the direction of the arrow in the figure.





- Install a new fuel tank air filter in accordance with the reverse order.
- Installation

Install the component with the specified torques. Note that internal damage may occur when the component is dropped. In this case, use it after inspecting.

CAUTION

- Install the component with the specified torques.
- Note that internal damage may occur when the component is dropped. In this case, use it after inspecting.
- Installation is reverse of removal.

Canister Close Valve (CCV) - Specifications (Article 44178)

- Specification

Item Specification

Coil Resistance (Ω) 19.5 ~ 22.5 [20°C (68°F)]