

FUEL-FILLER CAP [SKYACTIV-D 2.2]

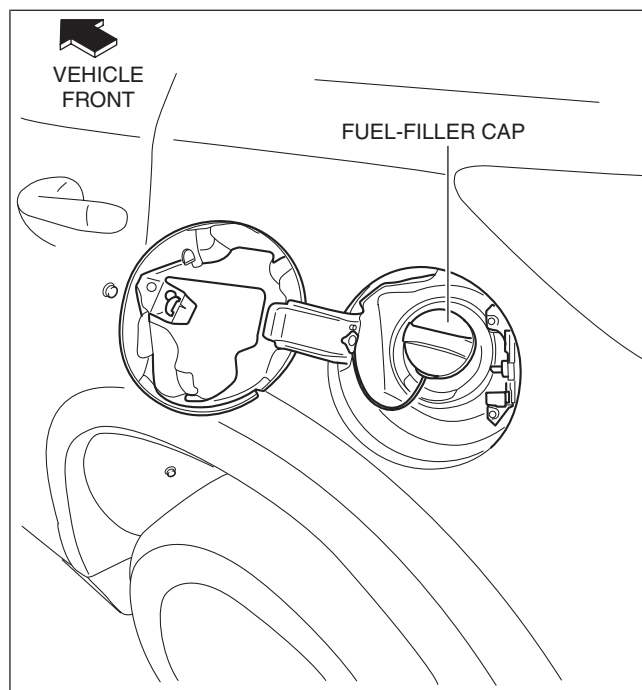
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Purpose, Function

- Releases evaporative gas from the fuel tank if there is a malfunction in the evaporative gas passage between the fuel tank and the intake manifold. As a result, deformation of the fuel tank caused by evaporative gas pressure is prevented.

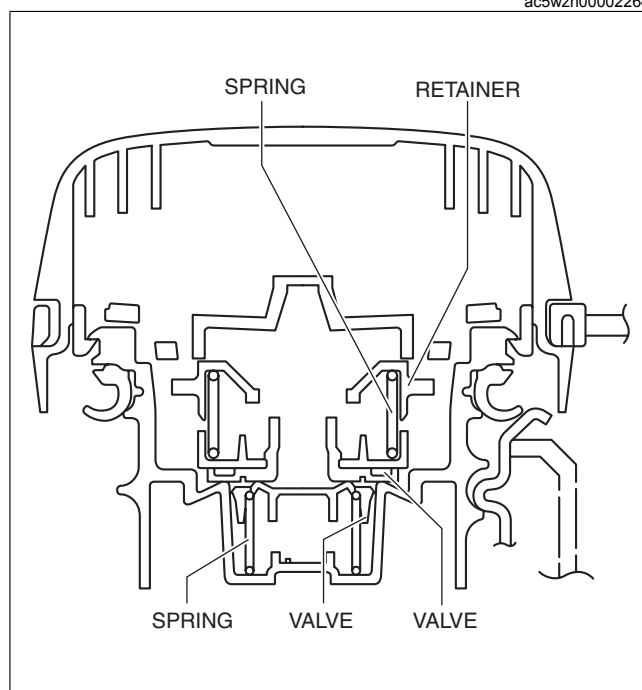
Construction

- The fuel-filler cap is installed to the fuel filler opening.



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- The fuel-filler cap consists of valves, retainer, and springs.

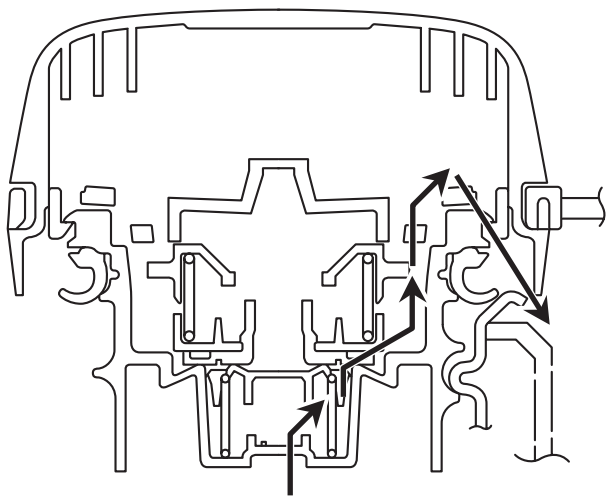


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Operation

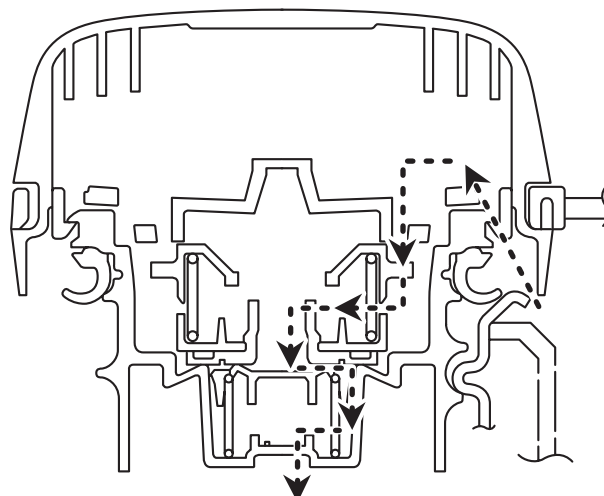
- When there is positive pressure in the fuel tank due to evaporative gas, the evaporative gas is released into the atmosphere. When there is negative pressure, air is introduced to the fuel tank.

FLOW WHEN POSITIVE PRESSURE VALVE OPERATES



—→ :EVAPORATIVE GAS FLOW

FLOW WHEN NEGATIVE PRESSURE VALVE OPERATES



- - -→ :ATMOSPHERE FLOW