

POSITIVE CRANKCASE VENTILATION (PCV) VALVE [SKYACTIV-G 2.0, SKYACTIV-G 2.5]

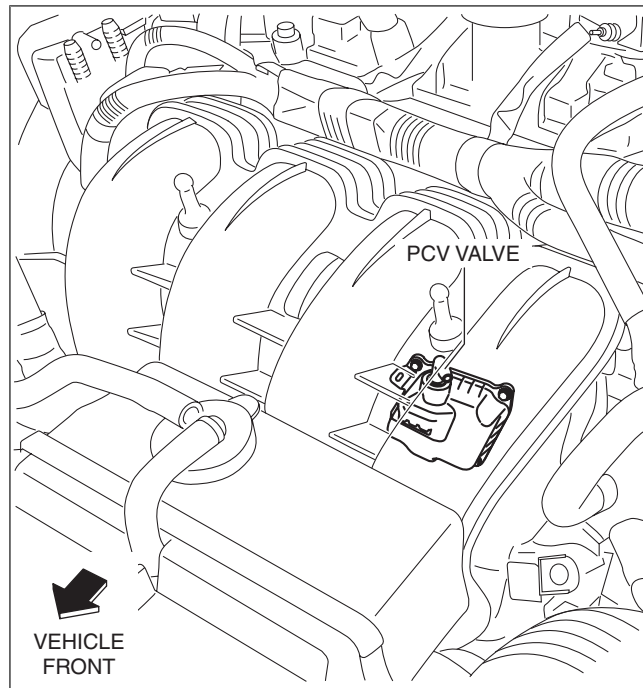
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Purpose, Function

- Prevents release of blow-by gas (unburnt gas) into the atmosphere.
- The PCV valve is open/closed by the intake manifold vacuum.

Construction

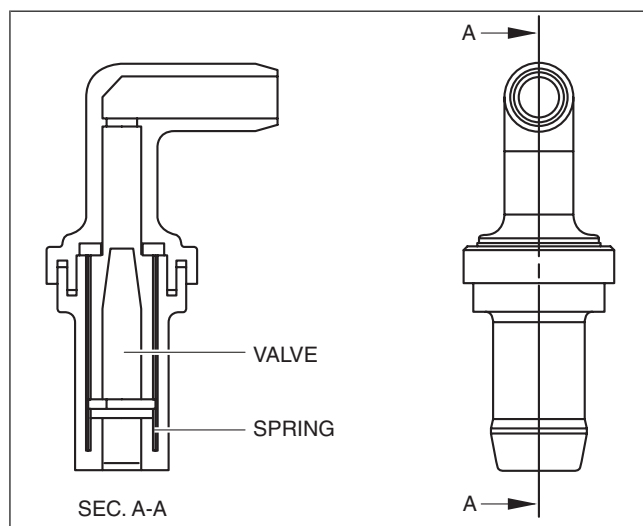
- The PCV valve is installed to the oil separator.



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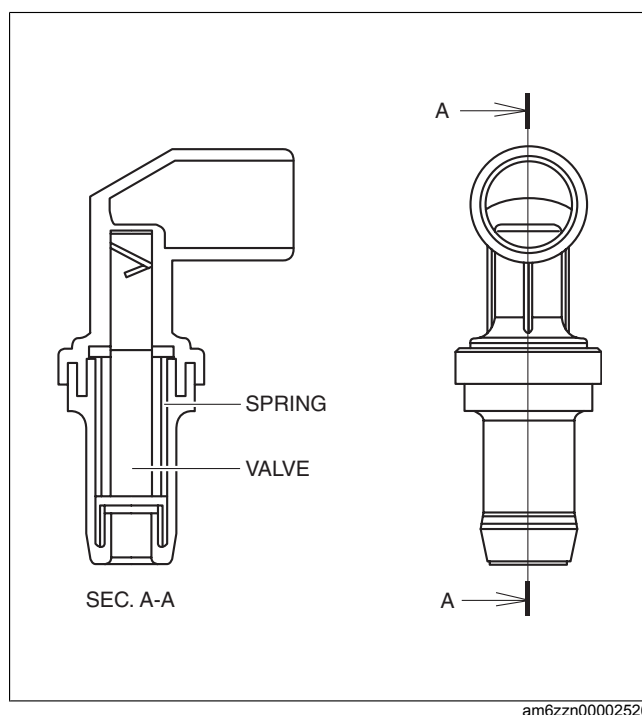
- The PCV valve consists of a spring and valve.

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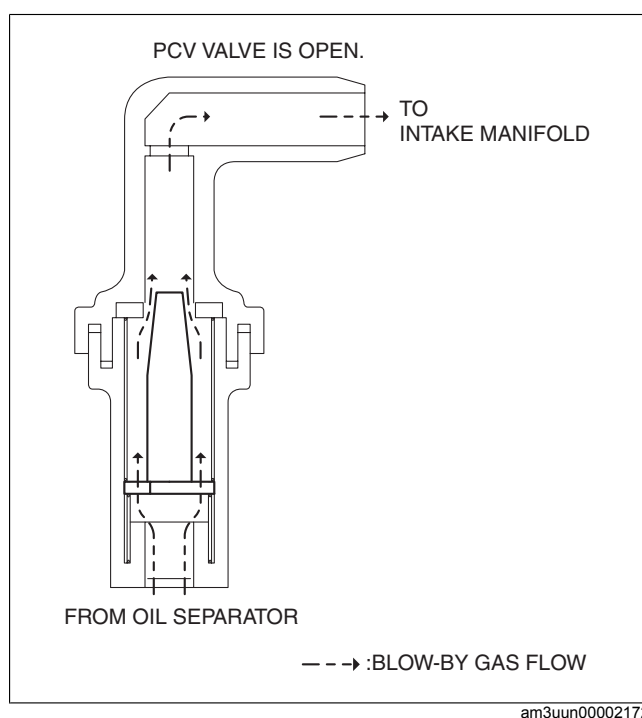
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Operation

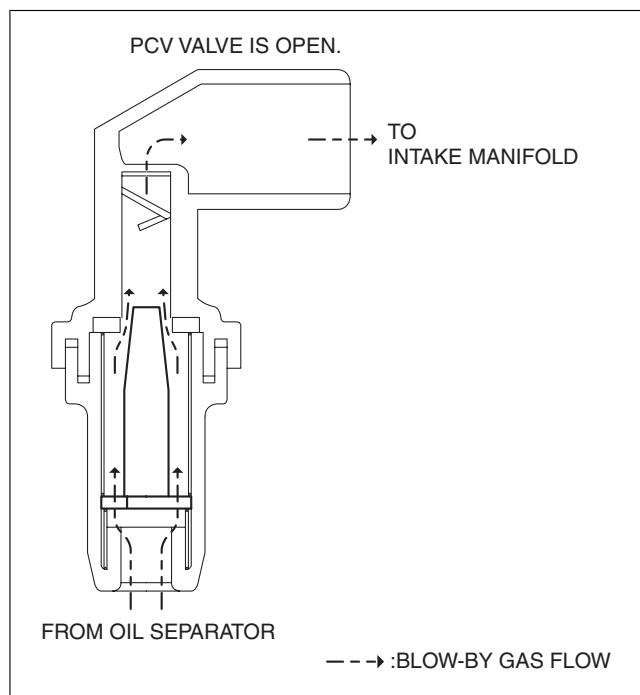
- When the valve is pulled by the intake manifold vacuum, blow-by gas flows to the intake manifold.

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SKYACTIV-G 2.5

- Blow-by gas flow amount is adjusted by the spring according to the intake manifold vacuum.



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