

THERMOSTAT [SKYACTIV-G 2.0, SKYACTIV-G 2.5]

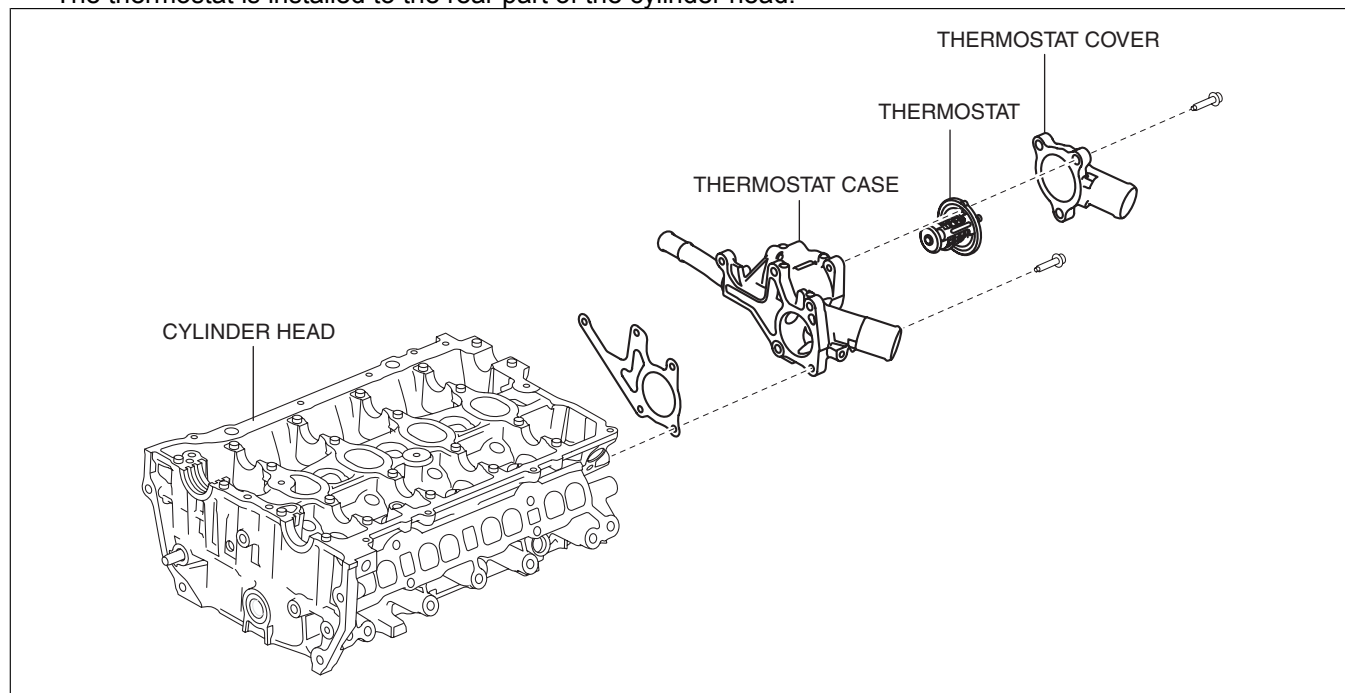
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Purpose, Function

- When the engine coolant temperature is low, the thermostat blocks the engine coolant passage between the radiator and engine. As a result, because engine coolant cycles without passing through the radiator, warming is promoted.

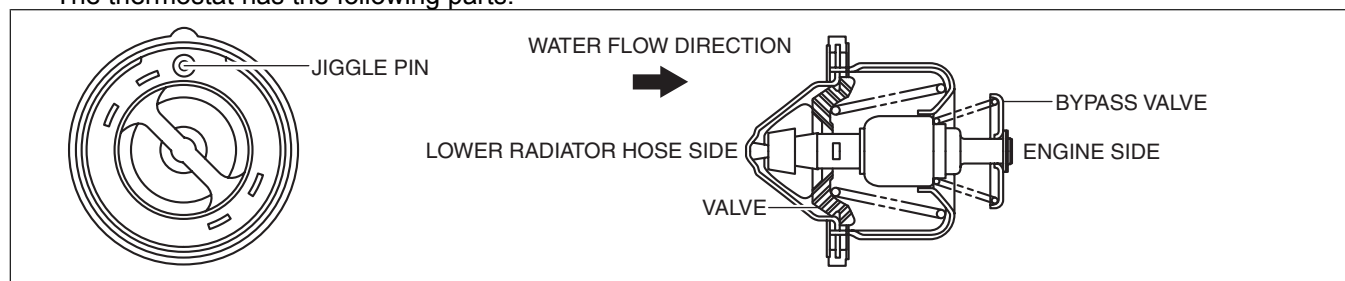
Construction

- The thermostat is installed to the rear part of the cylinder head.



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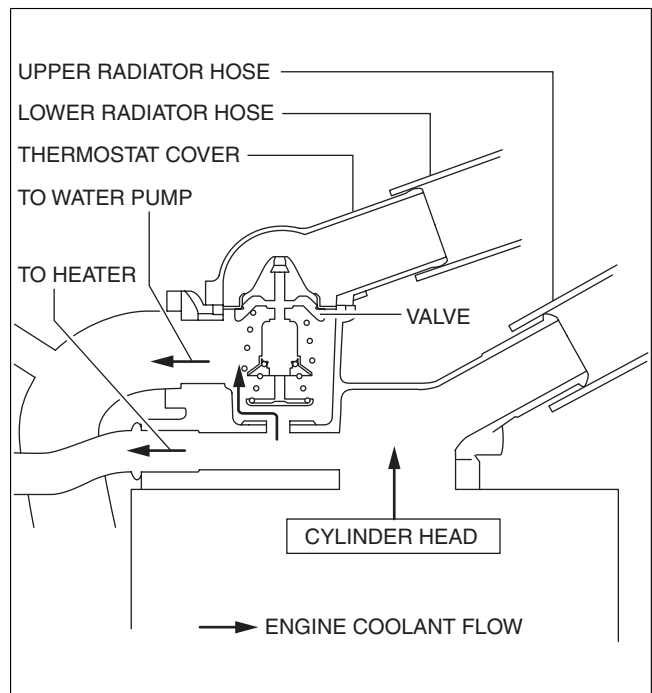
- The thermostat has the following parts:



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Operation

1. When the engine coolant temperature decreases, the thermostat valve closes and engine coolant circulates without passing through the radiator.



2. When the engine coolant temperature is **80.5—83.5°C {177—182°F}**, the thermostat valve starts to open and the engine coolant passed through the radiator flows to the engine.

