

THERMOSTAT CONSTRUCTION/OPERATION [LF]

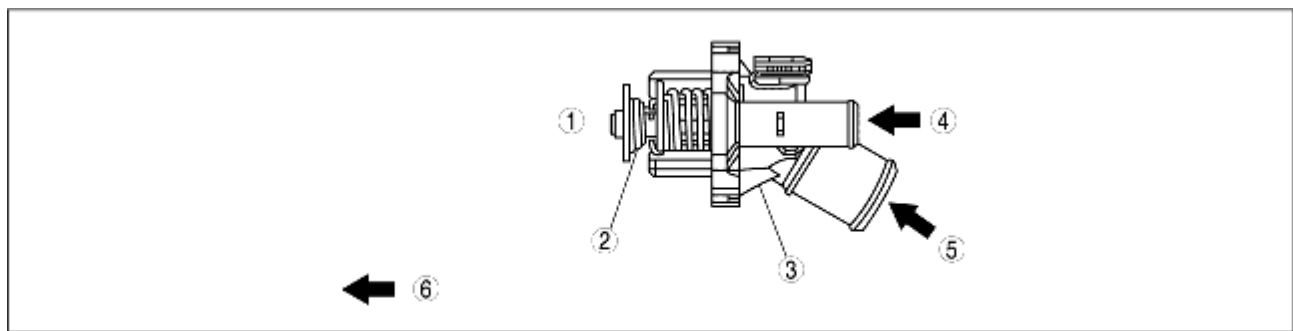
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Construction

- A wax-type thermostat with a jiggle-valve has been adopted.

Operation

- When the engine coolant temperature is below 75.0 °C {167 °F}, the valve closes and lets the engine coolant circulate inside the engine to improve engine warming performance. When the engine coolant temperature is between 80 °C {176 °F} to 84 °C {183 °F}, the thermostat begins to open the valve and engine coolant flows to the radiator to stabilize engine coolant temperature.



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| | |
|---|--------------------------|
| 1 | Engine side |
| 2 | Thermostat |
| 3 | Thermostat cover |
| 4 | From heater hose |
| 5 | From lower radiator hose |
| 6 | Coolant flow direction |