

FUEL TEMPERATURE SENSOR [SKYACTIV-D 2.2]

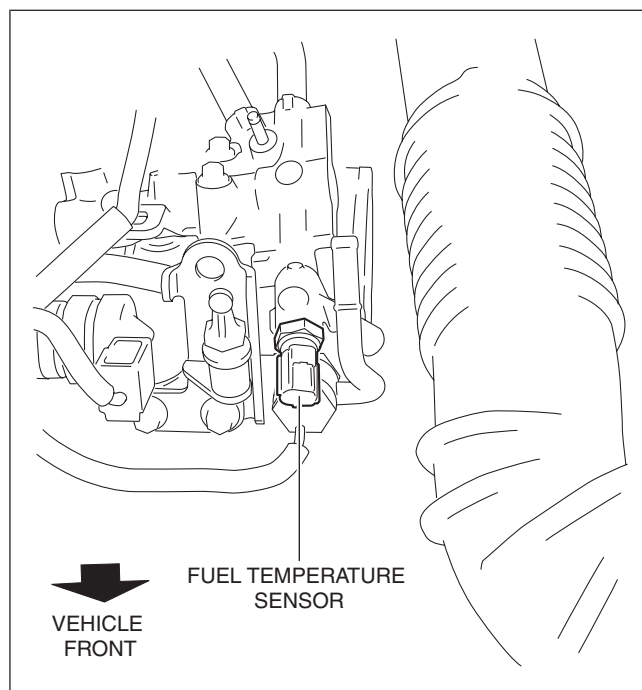
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Purpose/Function

- Detects the fuel temperature in the fuel supply line as basic information for mainly determining the fuel injection amount.
- Detects the fuel temperature in the fuel supply line and sends it to the PCM as the fuel temperature signal.

Construction

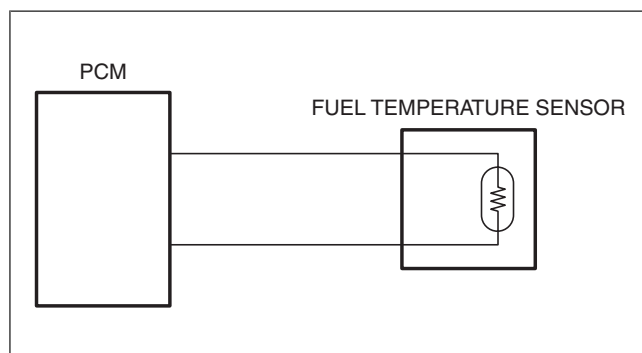
- Fuel temperature sensor is installed in lower case.
- A thermistor has been adopted as the detecting element for detecting the fuel temperature in the fuel supply line.



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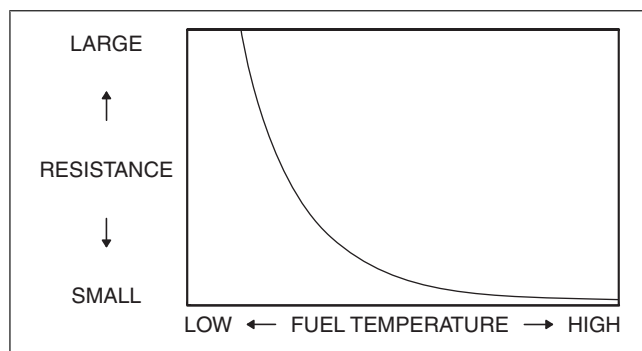
Operation

- Sends the signal, which fluctuates according to the fuel temperature in the fuel supply line, to the PCM.



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Fuel temperature sensor characteristic



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Fail-safe

DTC No.	Fail-safe function
P0182:00	<ul style="list-style-type: none">• Inhibits engine-stop by operating the i-stop function.• PCM restricts engine-transaxle integration control.
P0183:00	<ul style="list-style-type: none">• Inhibits engine-stop by operating the i-stop function.• PCM restricts engine-transaxle integration control.