

## FUEL PRESSURE SENSOR [SKYACTIV-G 2.0, SKYACTIV-G 2.5]

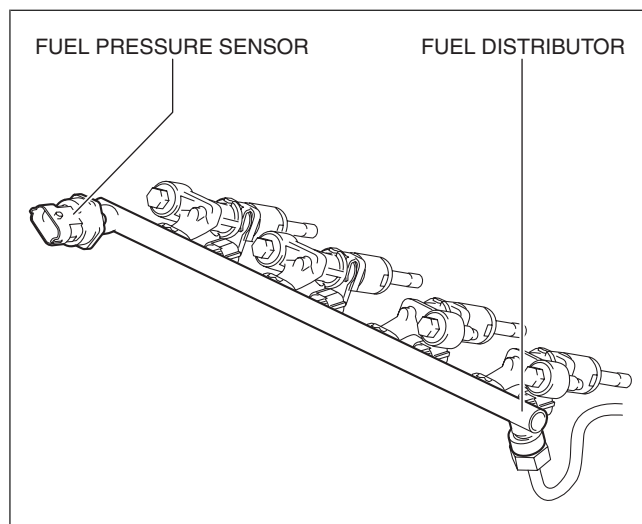
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### Purpose/Function

- Detects the fuel pressure in the fuel distributor as basic information for mainly determining the fuel injection amount.
- Detects the fuel pressure in the fuel distributor and sends it to the PCM as a fuel pressure signal.

### Construction

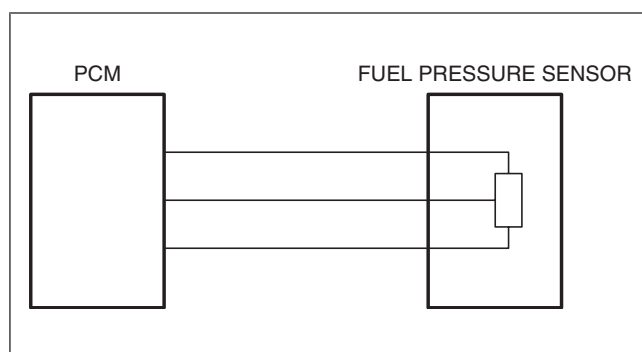
- Installed on the fuel distributor.
- A metal diaphragm thin film distortion gauge has been adopted as the detecting element for detecting the fuel pressure.



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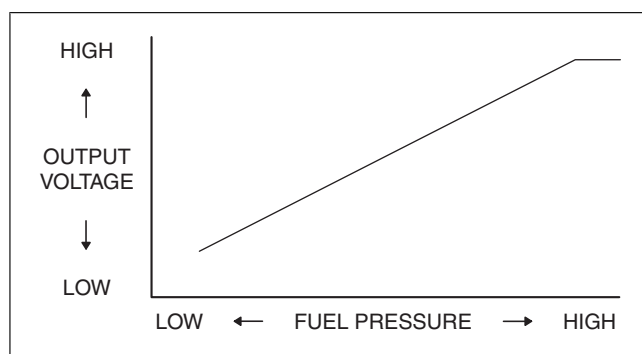
### Operation

- Sends the signal, which fluctuates according to the fuel pressure, to the PCM.



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### Fuel pressure sensor characteristic



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### Fail-safe

DTC No.	Fail-safe function
P0191:00	<ul style="list-style-type: none"> <li>• Stops high pressure fuel pump control</li> <li>• Limits intake air amount</li> </ul>
P0192:00	<ul style="list-style-type: none"> <li>• Stops high pressure fuel pump control</li> <li>• Limits intake air amount</li> </ul>
P0193:00	<ul style="list-style-type: none"> <li>• Stops high pressure fuel pump control</li> <li>• Limits intake air amount</li> </ul>