

FUEL PRESSURE SENSOR [SKYACTIV-D 2.2]

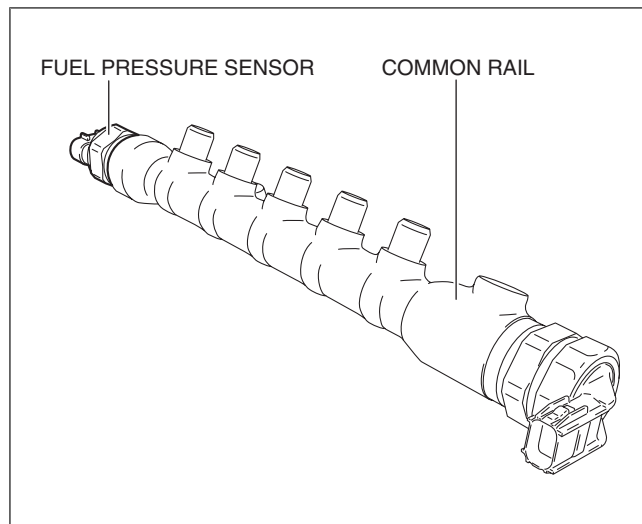
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Purpose/Function

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

Construction

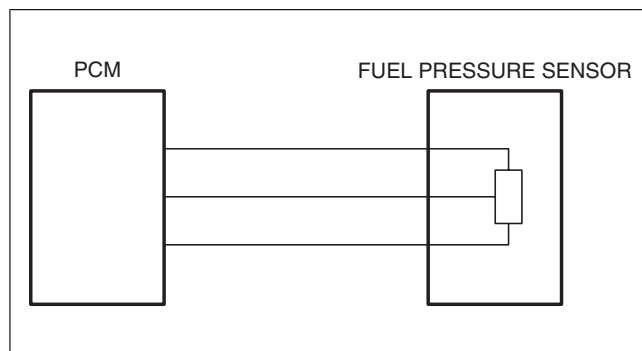
- Installed on the common rail.
- A piezoelectric element has been adopted as the detecting element for detecting the fuel pressure.



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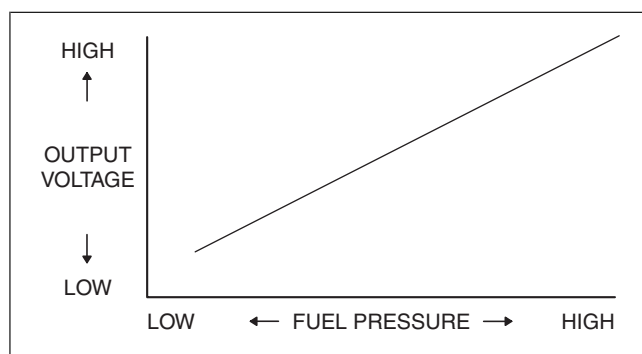
Operation

- 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

- Function not equipped.