BAROMETRIC PRESSURE (BARO) SENSOR [SKYACTIV-D 2.2]
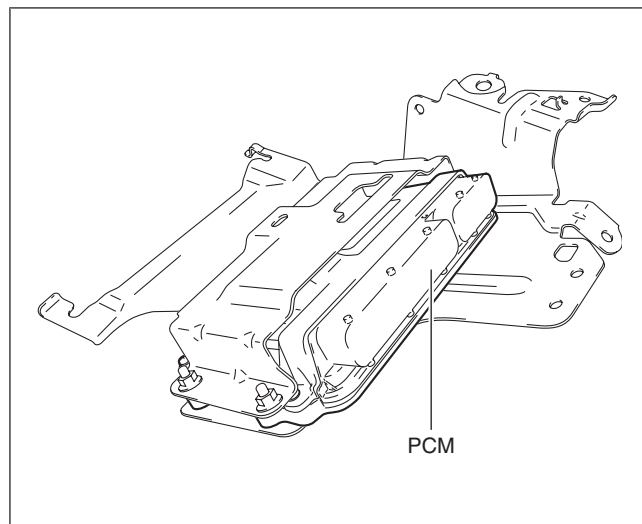
Purpose/Function
- Detects the BARO as basic information for mainly determining the fuel injection amount.
- Detects the BARO and sends it to the PCM as a BARO signal.

Construction
- Built into the PCM.
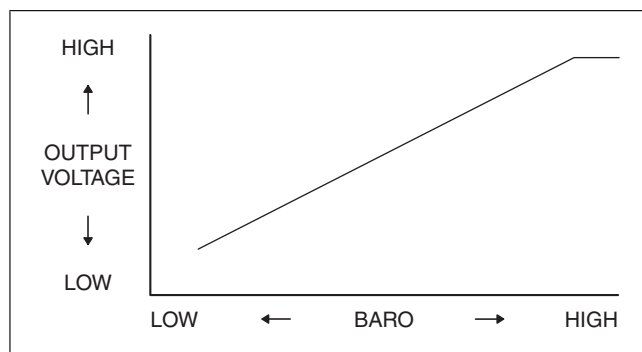- A piezoelectric element has been adopted for detecting the BARO.

PCM

ac5wzn00002443

Operation
- Sends the signal, which fluctuates according to the BARO, to the PCM.

BARO sensor characteristic

ac5wzn00001603

Fail-safe

DTC No.	Fail-safe function
P2228:00	• PCM restricts engine torque. • Inhibits the EGR control. • Inhibits the diesel particulate filter regeneration control. • The fast idle up correction for the idle speed control is inhibited. • Inhibits engine-stop by operating the i-stop function. • PCM restricts engine-transaxle integration control.
P2229:00	• PCM restricts engine torque. • Inhibits the EGR control. • Inhibits the diesel particulate filter regeneration control. • The fast idle up correction for the idle speed control is inhibited. • Inhibits engine-stop by operating the i-stop function. • PCM restricts engine-transaxle integration control.