

POWER BRAKE UNIT VACUUM SENSOR [SKYACTIV-D 2.2]

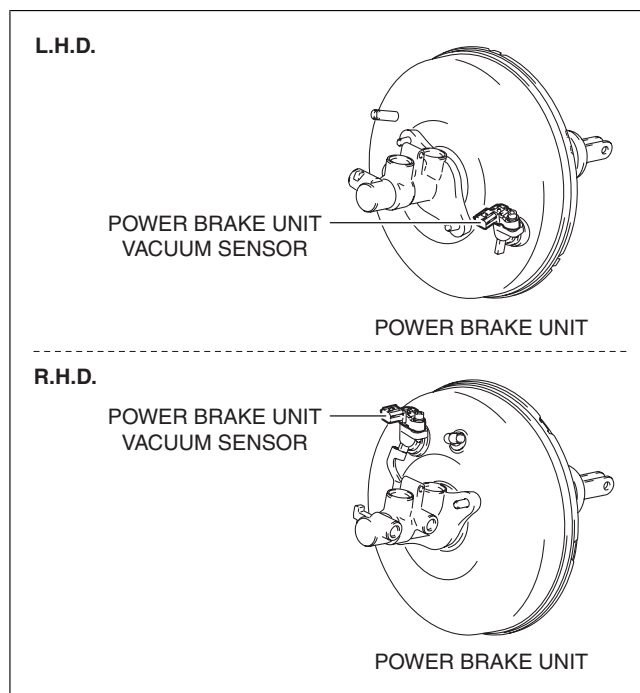
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Purpose/Function

- Detects the vacuum in the power brake unit to assure brake performance while the engine is stopped by the i-stop control.
- Detects the vacuum in the power brake unit and sends it to the PCM as a power brake unit vacuum pressure signal.

Construction

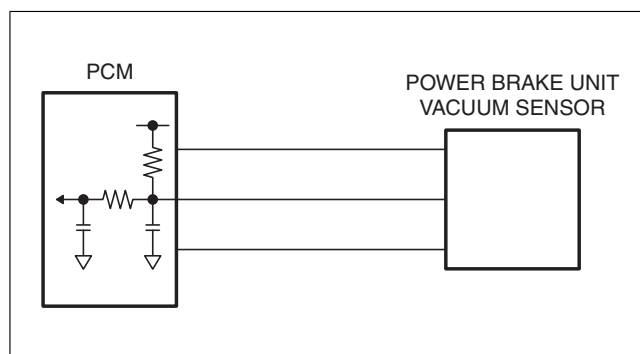
- Installed to the power brake unit.
- The power brake unit vacuum sensor has adopted a piezoelectric element to the detection area for detection of the vacuum in the power brake unit.



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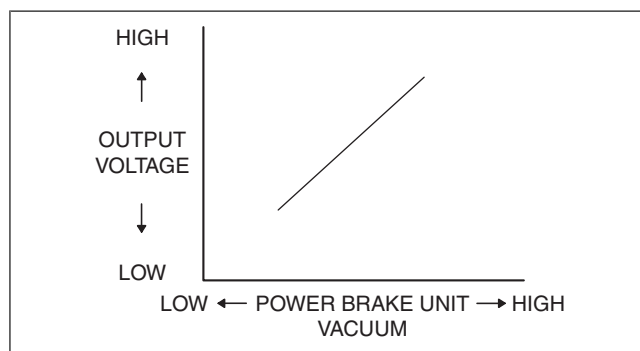
Operation

- The signal, which changes according to the vacuum in the power brake unit, is send to the PCM.



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Power brake unit vacuum sensor characteristic



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Fail-safe

DTC No.	Fail-safe function
P0555:00	• Inhibits engine-stop by operating the i-stop function.