

## POWER BRAKE UNIT VACUUM SENSOR [SKYACTIV-G 2.0, SKYACTIV-G 2.5]

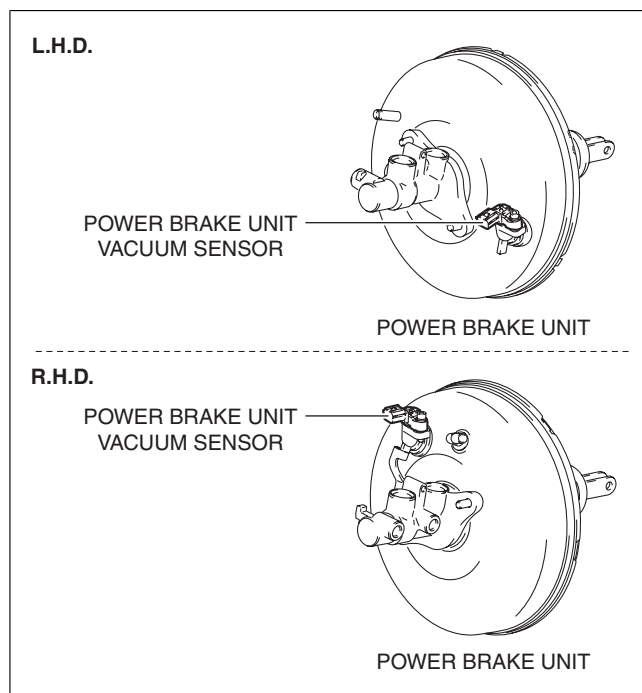
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### Purpose/Function

- 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

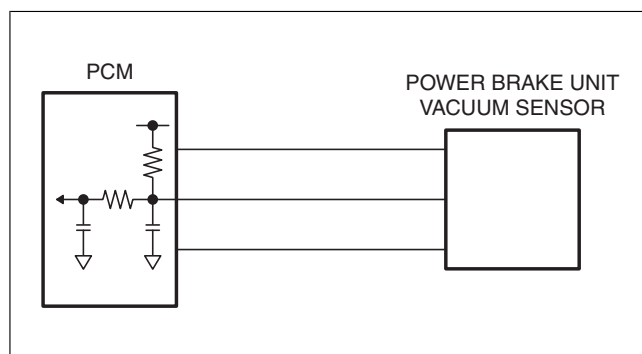
- Installed to the power brake unit.
- The power brake unit vacuum sensor has adopted a piezoelectric element to the detection area for detection of the vacuum in the power brake unit.



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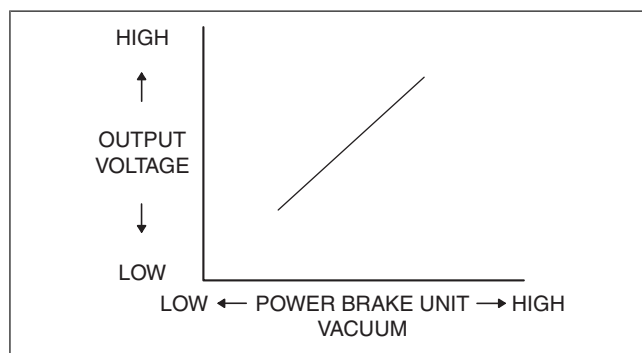
### Operation

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



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### Power brake unit vacuum sensor characteristic



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**Fail-safe**

<b>DTC No.</b>	<b>Fail-safe function</b>
P0555:00	• Flashes the i-stop warning light (amber) and inhibits engine-stop by operating the i-stop function.