

REGULATING VALVE POSITION SENSOR [SKYACTIV-D 2.2]

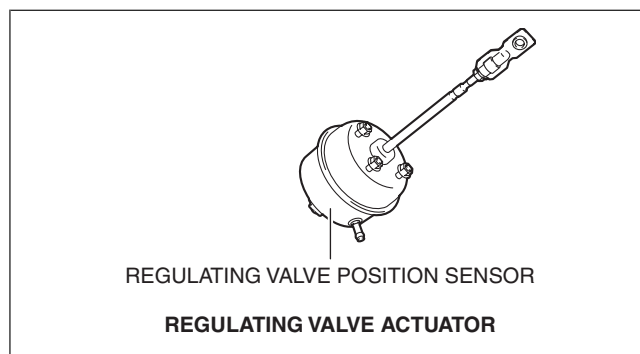
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Purpose/Function

- Detects the regulating valve open/closed condition as basic information for mainly boost control.
- Detects the regulating valve opening/closing condition and sends it to the PCM as the regulating valve opening angle signal.

Construction

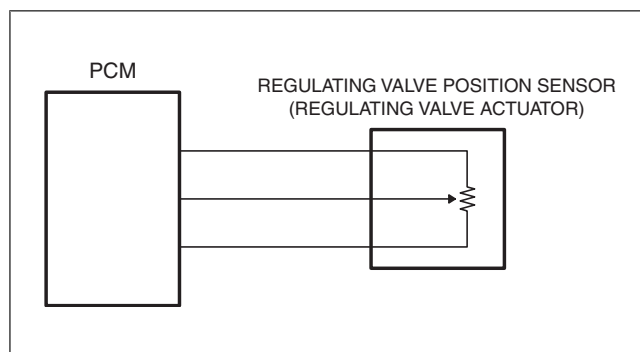
- Built into the regulating valve actuator.



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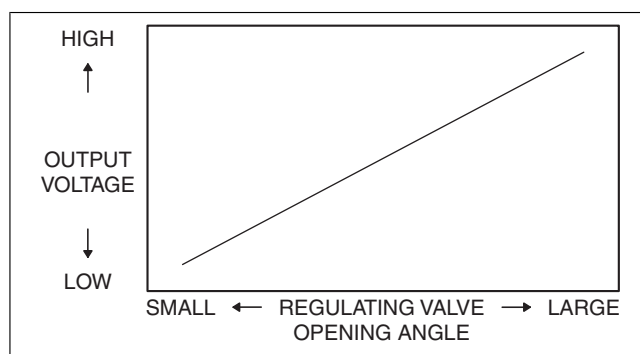
Operation

- Sends the signal, which fluctuates according to the regulating valve opening/closing, to the PCM.



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Regulating valve position sensor characteristic



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Fail-safe

DTC No.	Fail-safe function
P2564:00	<ul style="list-style-type: none">• Inhibits engine-stop by operating the i-stop function.• PCM restricts engine-transaxle integration control.
P2565:00	<ul style="list-style-type: none">• Inhibits engine-stop by operating the i-stop function.• PCM restricts engine-transaxle integration control.