

## THROTTLE BODY [SKYACTIV-G 2.0, SKYACTIV-G 2.5]

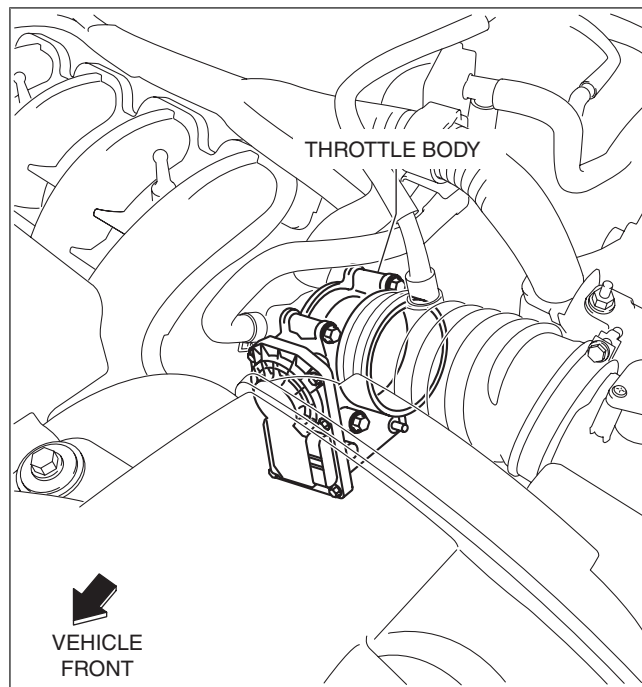
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### Purpose, Function

- Opens/closes the throttle valve to adjust the amount of air supplied to the cylinder.
- Opens/closes the throttle valve according to the control signal from the PCM.

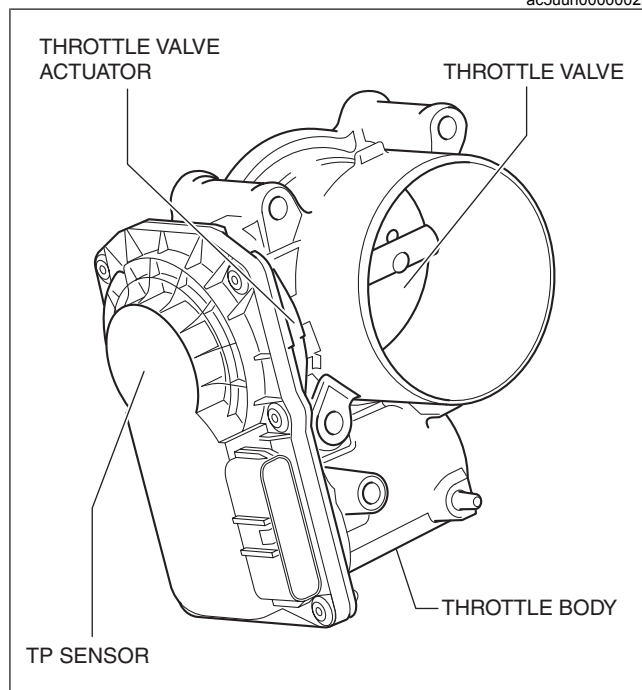
### Construction

- The throttle body is installed to the intake manifold.



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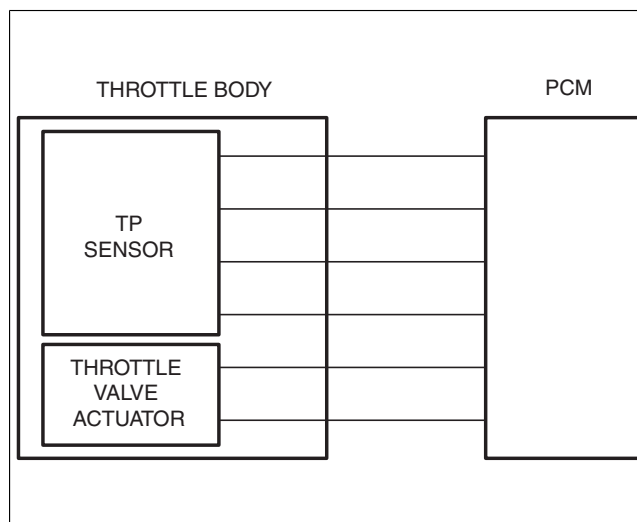
- The throttle body consists of a throttle valve, throttle valve actuator, TP sensor, and return spring.
- For the TP sensor, refer to CONTROL SYSTEM. (See THROTTLE POSITION (TP) SENSOR [SKYACTIV-G 2.0, SKYACTIV-G 2.5].)



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## Operation

- The throttle valve actuator opens/closes the throttle valve according to the control signal from the PCM. If there is a malfunction in the throttle valve actuator, the throttle valve is closed by the return spring in the throttle body.
- For the drive-by-wire control, refer to CONTROL SYSTEM. (See DRIVE-BY-WIRE CONTROL [SKYACTIV-G 2.0, SKYACTIV-G 2.5].)



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## Fail-safe

DTC	Fail-safe
P2101:00	<ul style="list-style-type: none"><li>• Stops the idle air control.</li><li>• Stops the drive-by-wire control and sets to a throttle valve opening angle necessary for minimum driveability.</li></ul>
P2107:00	<ul style="list-style-type: none"><li>• Stops the idle air control.</li><li>• Stops the drive-by-wire control and sets to a throttle valve opening angle necessary for minimum driveability.</li></ul>
P2110:00	<ul style="list-style-type: none"><li>• Stops the idle air control.</li><li>• Stops the drive-by-wire control and sets to a throttle valve opening angle necessary for minimum driveability.</li></ul>
P2112:00	<ul style="list-style-type: none"><li>• Stops the idle air control.</li><li>• Stops the drive-by-wire control and sets to a throttle valve opening angle necessary for minimum driveability.</li></ul>
P2119:00	<ul style="list-style-type: none"><li>• Restricts the upper limit of the engine speed.</li></ul>