

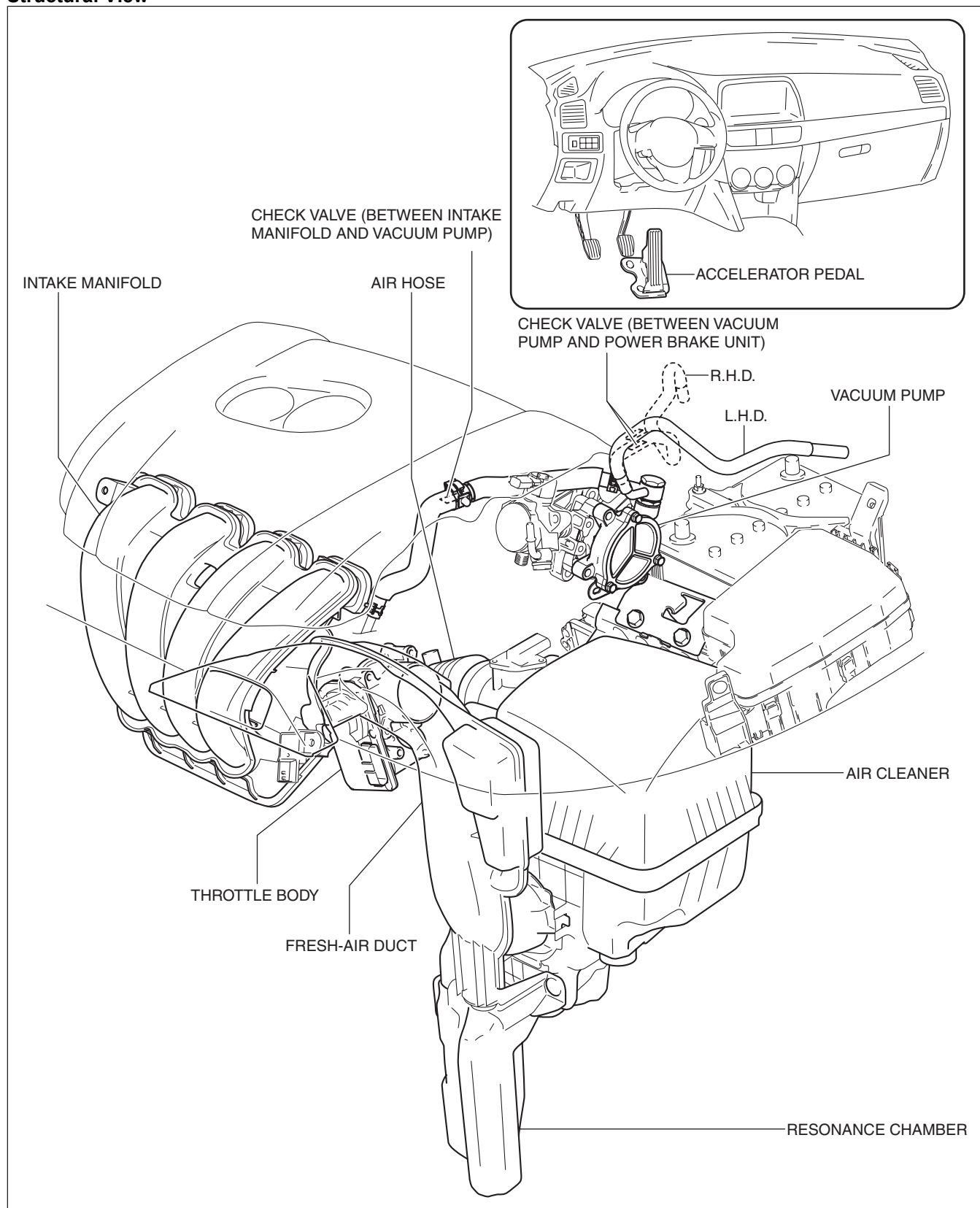
INTAKE-AIR SYSTEM [SKYACTIV-G 2.0, SKYACTIV-G 2.5]

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Purpose, Outline

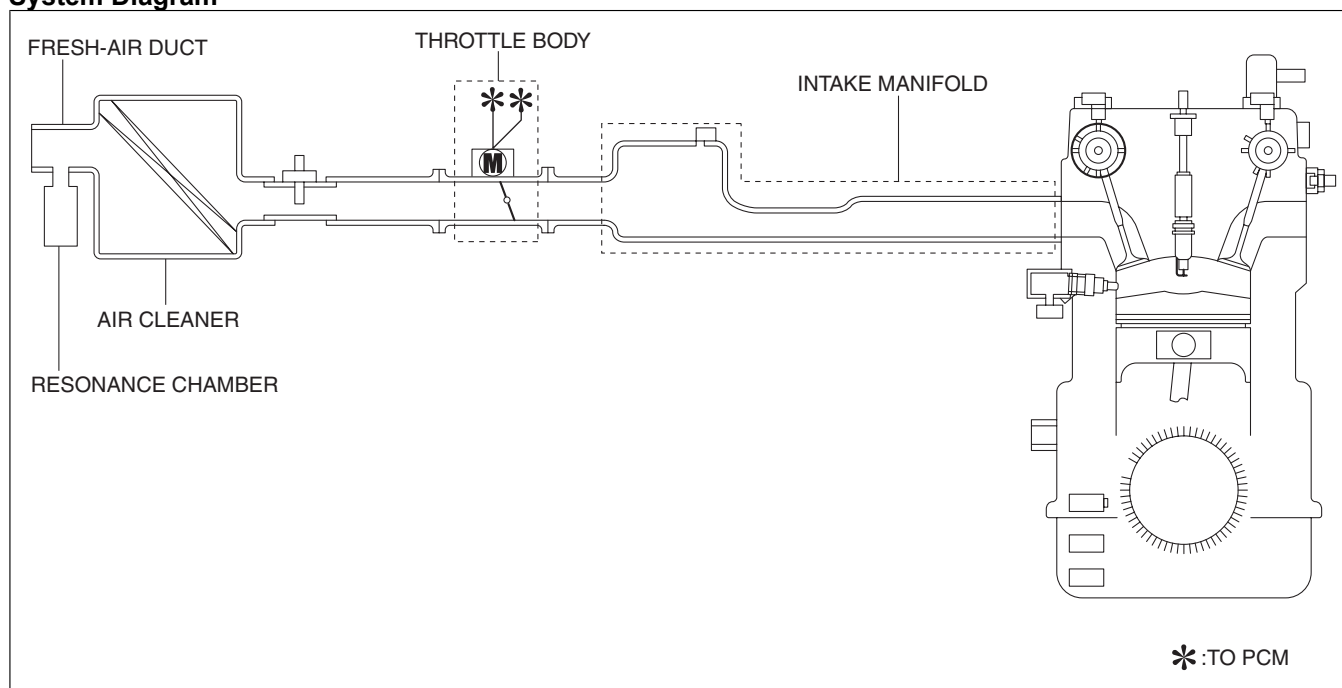
- A vacuum pump has been adopted which supplies stable vacuum to the power brake unit.

Structural View



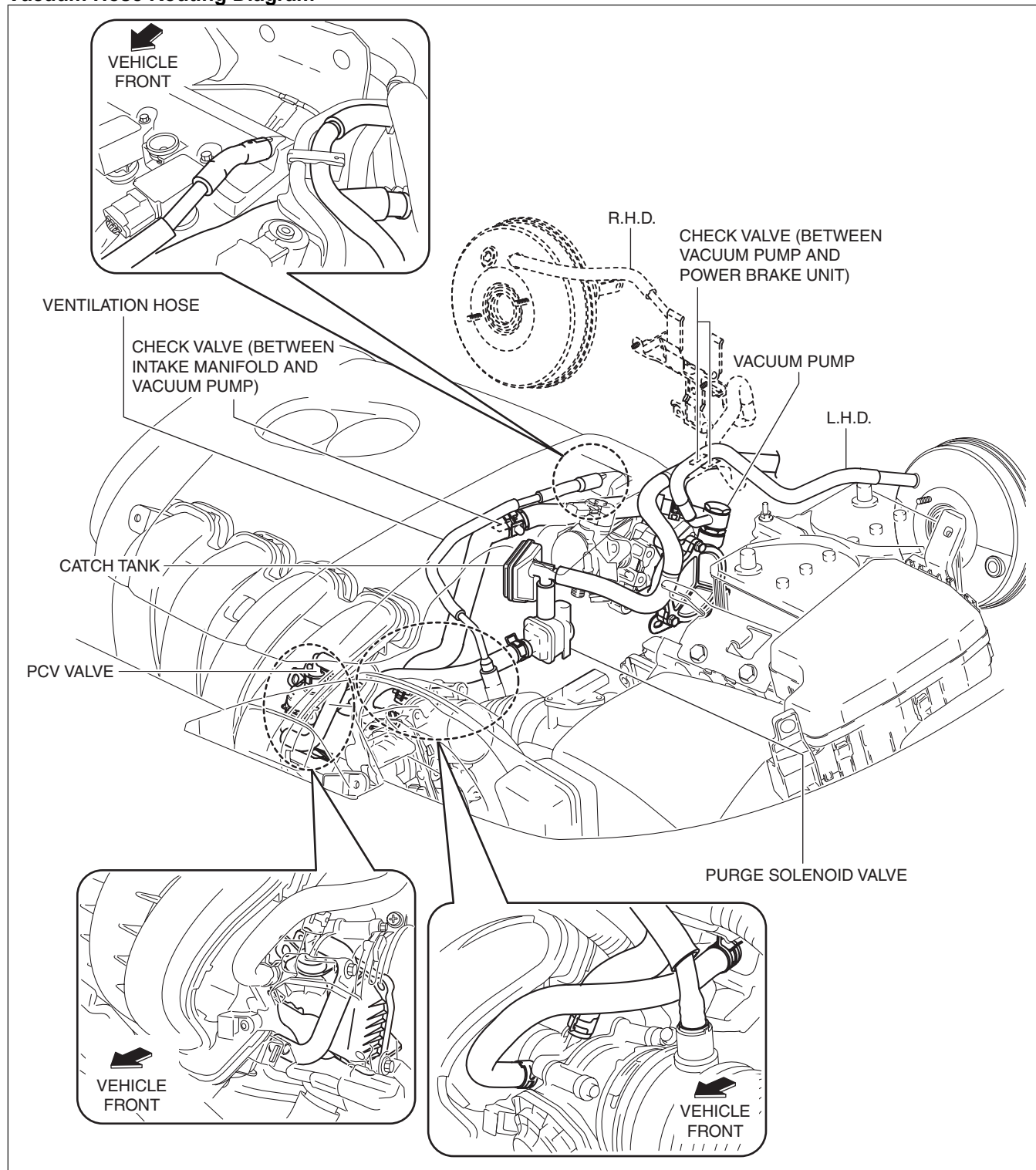
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System Diagram



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Vacuum Hose Routing Diagram



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Structure

- The intake air system consists of the following parts:

Part name	Reference
Fresh-air duct	(See FRESH-AIR DUCT [SKYACTIV-G 2.0, SKYACTIV-G 2.5].)
Resonance chamber	(See RESONANCE CHAMBER [SKYACTIV-G 2.0, SKYACTIV-G 2.5].)
Air cleaner	(See AIR CLEANER [SKYACTIV-G 2.0, SKYACTIV-G 2.5].)
Throttle body	(See THROTTLE BODY [SKYACTIV-G 2.0, SKYACTIV-G 2.5].)
Vacuum pump	(See VACUUM PUMP [SKYACTIV-G 2.0, SKYACTIV-G 2.5].)
Intake manifold	(See INTAKE MANIFOLD [SKYACTIV-G 2.0, SKYACTIV-G 2.5].)

Part name	Reference
Accelerator pedal	(See ACCELERATOR PEDAL, KICKDOWN SWITCH [SKYACTIV-G 2.0, SKYACTIV-G 2.5].)