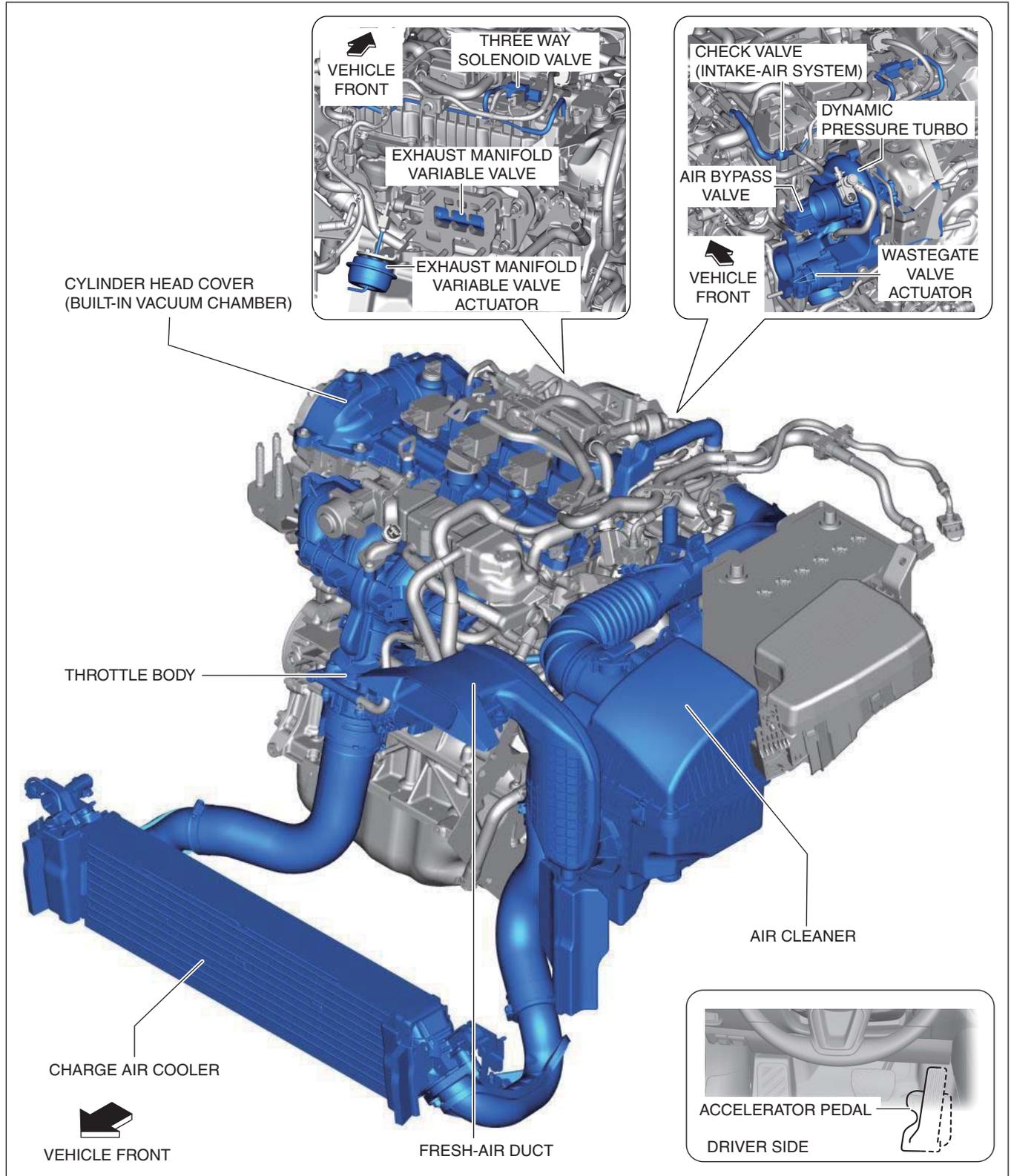


INTAKE-AIR SYSTEM [SKYACTIV-G 2.5T]

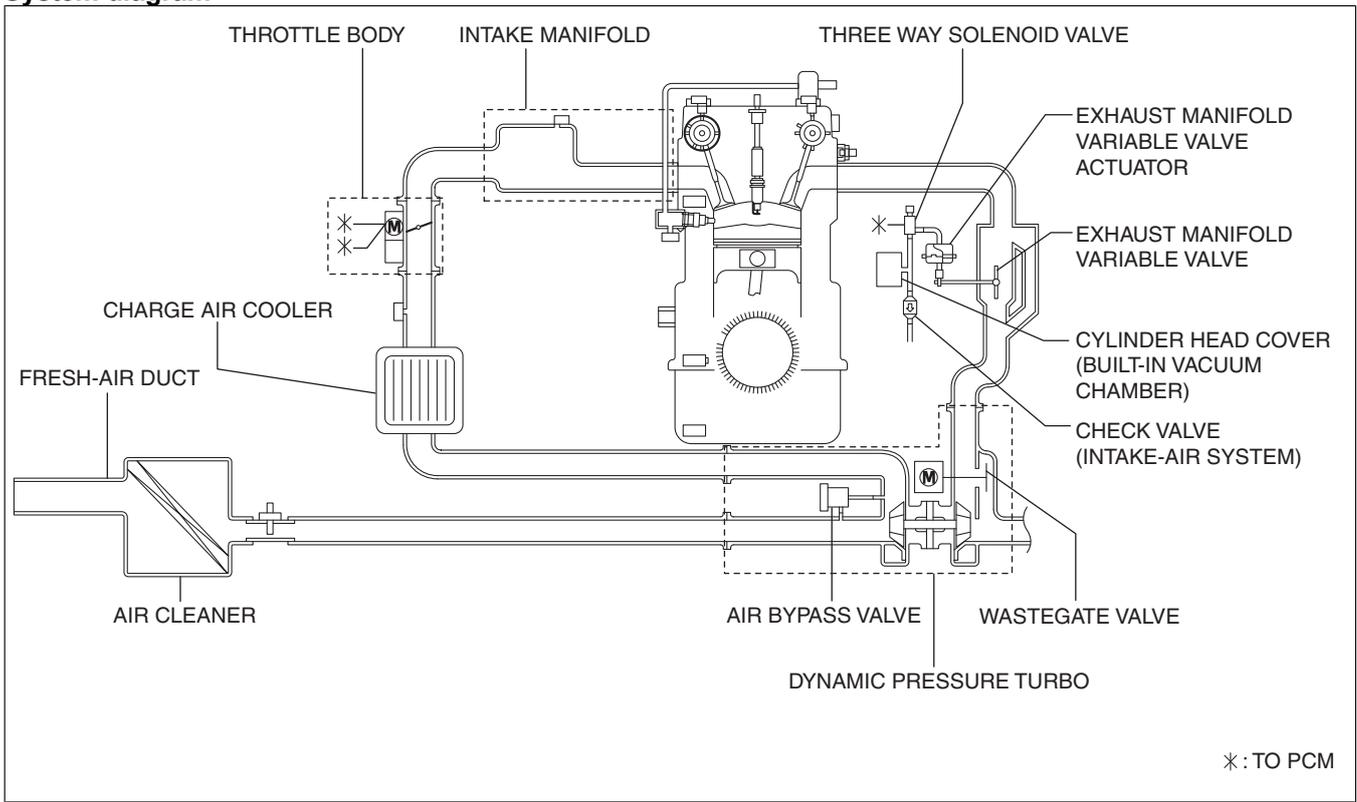
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Structure Structural view



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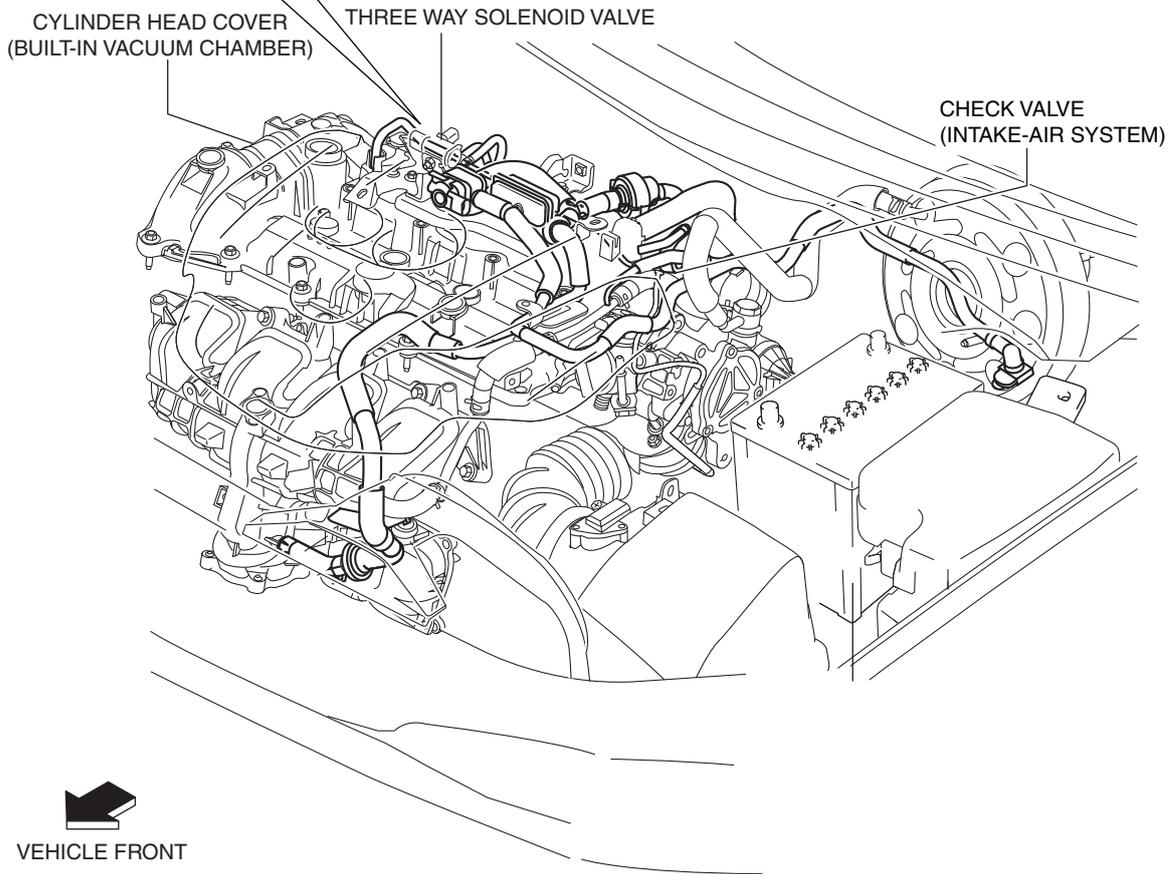
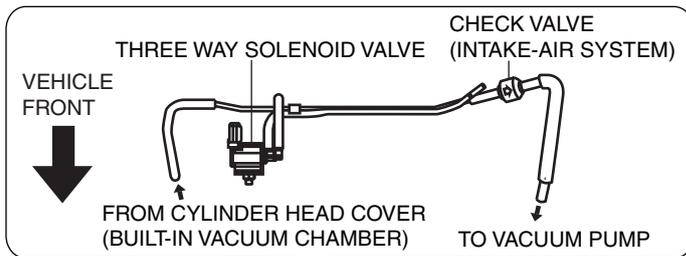
System diagram



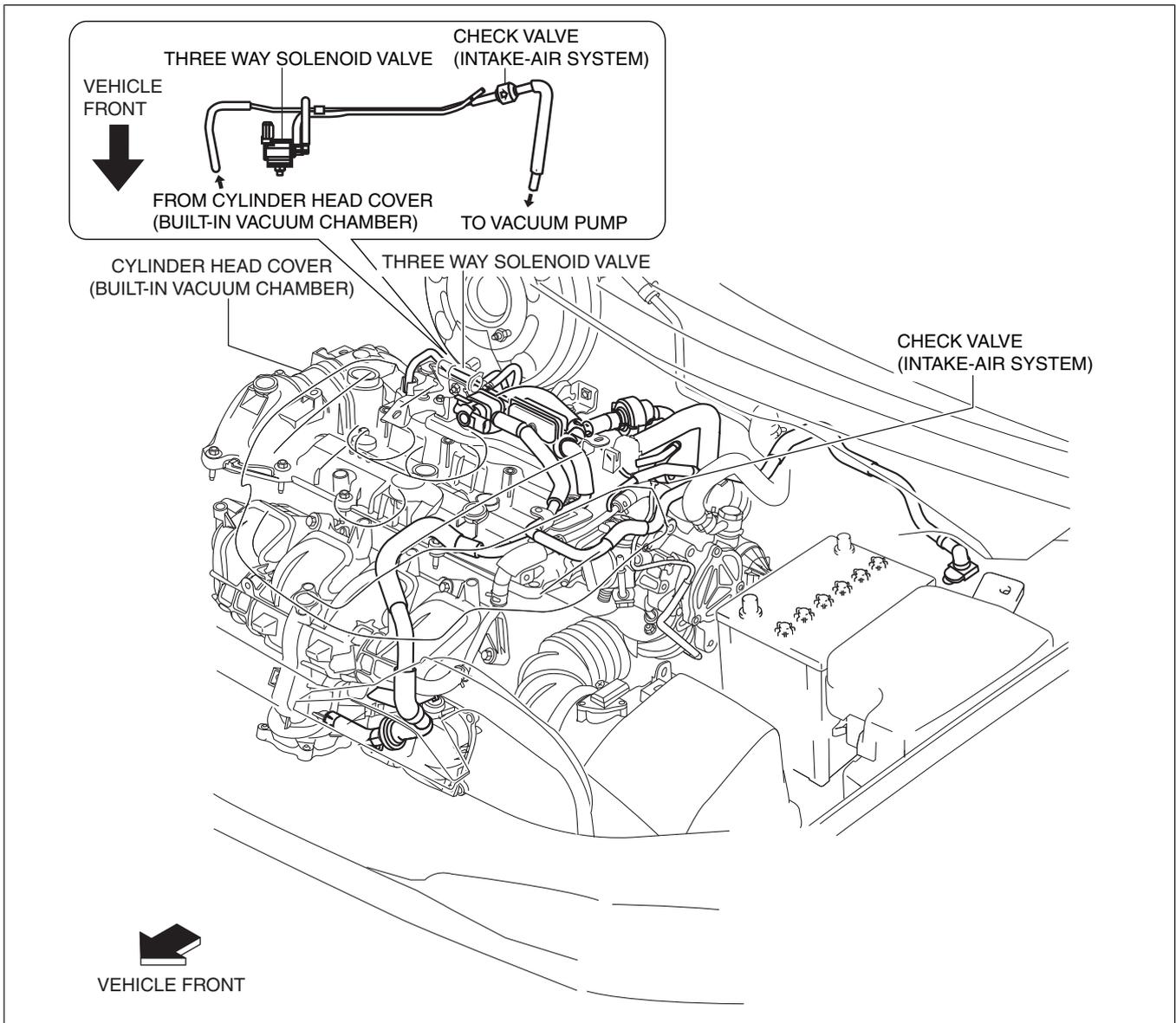
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Vacuum hose routing diagram

L.H.D.



R.H.D.



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- The intake air system consists of the following parts:

Part/System name		Reference
Fresh-air duct		(See FRESH-AIR DUCT [SKYACTIV-G 2.5T].)
Resonance chamber		(See RESONANCE CHAMBER [SKYACTIV-G 2.5T].)
Air cleaner		(See AIR CLEANER [SKYACTIV-G 2.5T].)
Throttle body		(See THROTTLE BODY [SKYACTIV-G 2.5T].)
Intake manifold		(See INTAKE MANIFOLD [SKYACTIV-G 2.5T].)
Check valve (intake-air system)		(See CHECK VALVE (INTAKE-AIR SYSTEM) [SKYACTIV-G 2.5T].)
Boost system (See BOOST SYSTEM [SKYACTIV-G 2.5T].)	Dynamic pressure turbo	(See DYNAMIC PRESSURE TURBO [SKYACTIV-G 2.5T].)
	Wastegate valve	(See WASTEGATE VALVE [SKYACTIV-G 2.5T].)
	Air bypass valve	(See AIR BYPASS VALVE [SKYACTIV-G 2.5T].)
	Three way solenoid valve	(See THREE WAY SOLENOID VALVE [SKYACTIV-G 2.5T].)
	Exhaust manifold variable valve	(See EXHAUST MANIFOLD [SKYACTIV-G 2.5T].)
	Exhaust manifold variable valve actuator	
Charge air cooler		(See CHARGE AIR COOLER [SKYACTIV-G 2.5T].)
Cylinder head cover (built-in vacuum chamber)		(See CYLINDER HEAD COVER [SKYACTIV-G 2.5T].)

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