

## EMISSION SYSTEM [SKYACTIV-G 2.0, SKYACTIV-G 2.5]

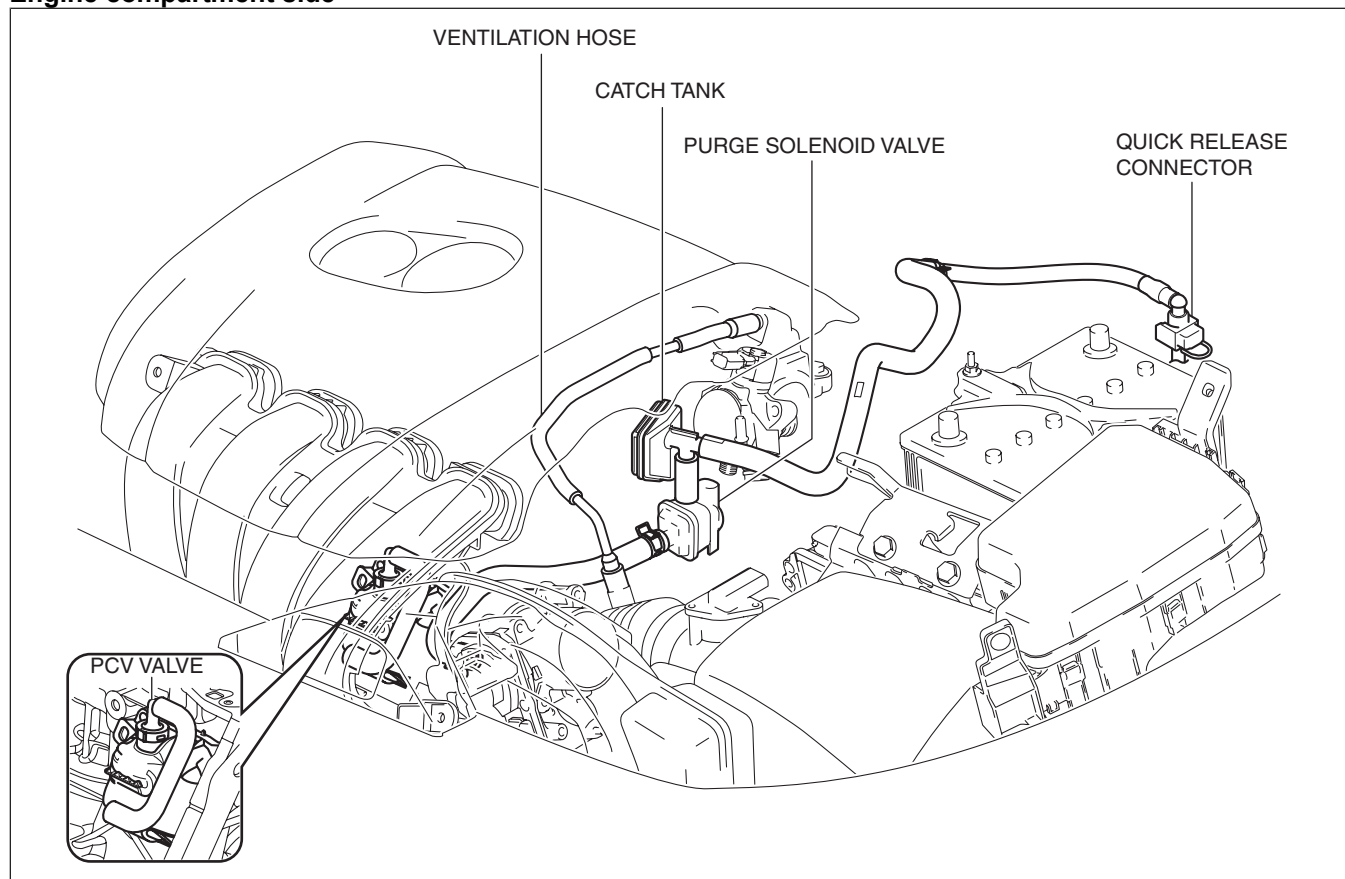
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### Outline

- A single-nano catalyst has been adopted for the under-floor, three-way catalyst to improve emission gas purification efficiency.

### Structural View

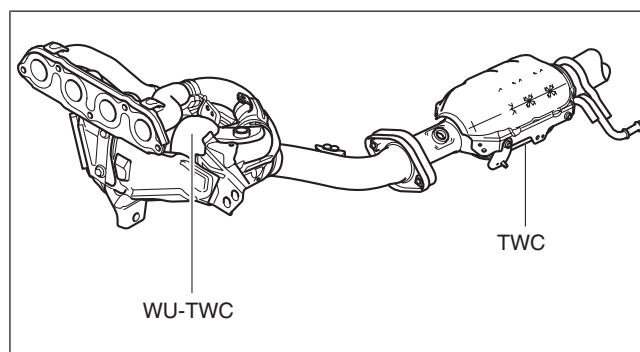
#### Engine compartment side



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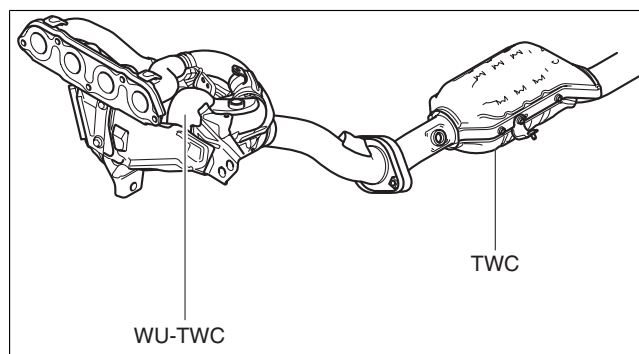
#### Exhaust system side

#### 2WD



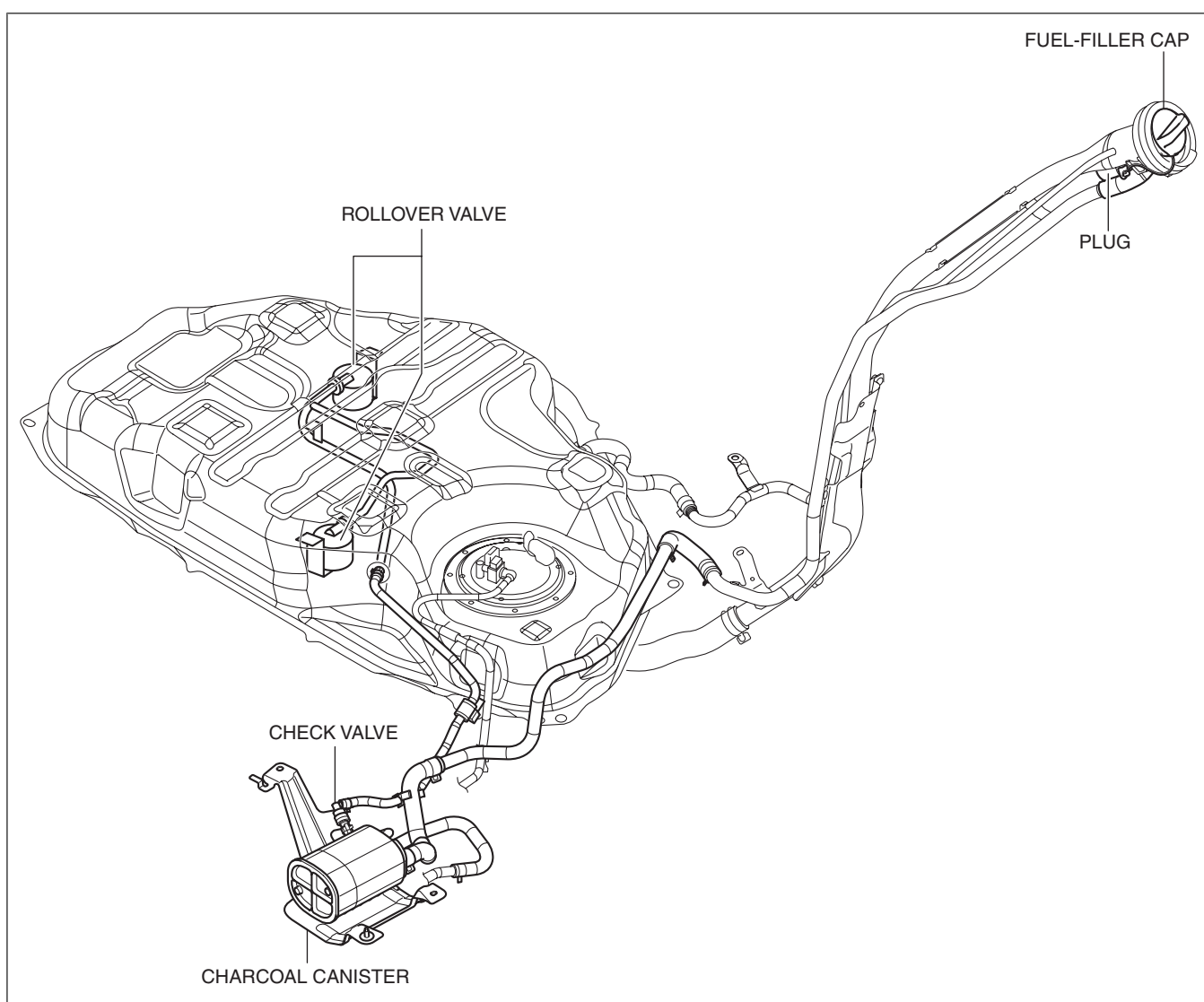
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4WD



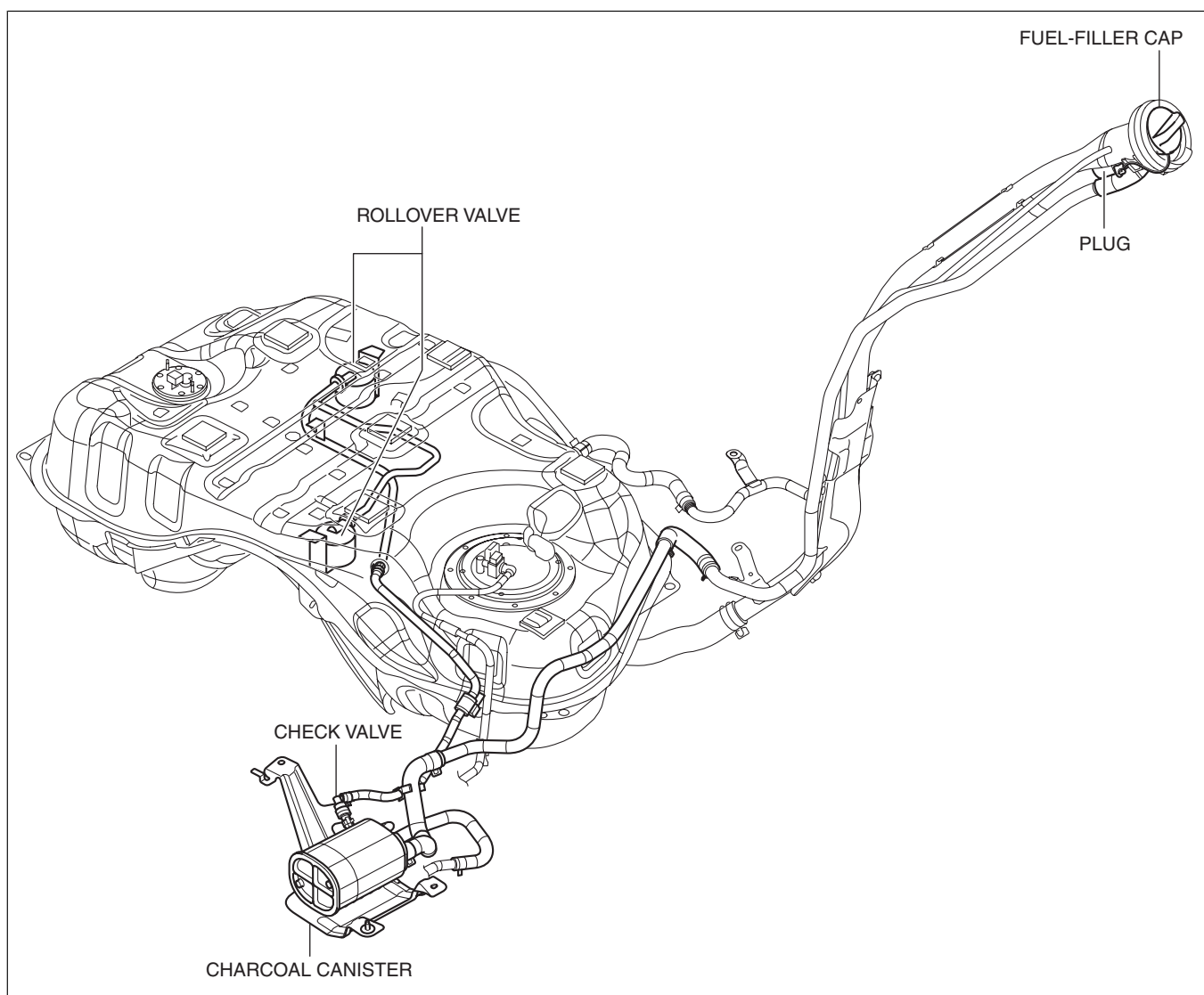
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Fuel tank side  
2WD



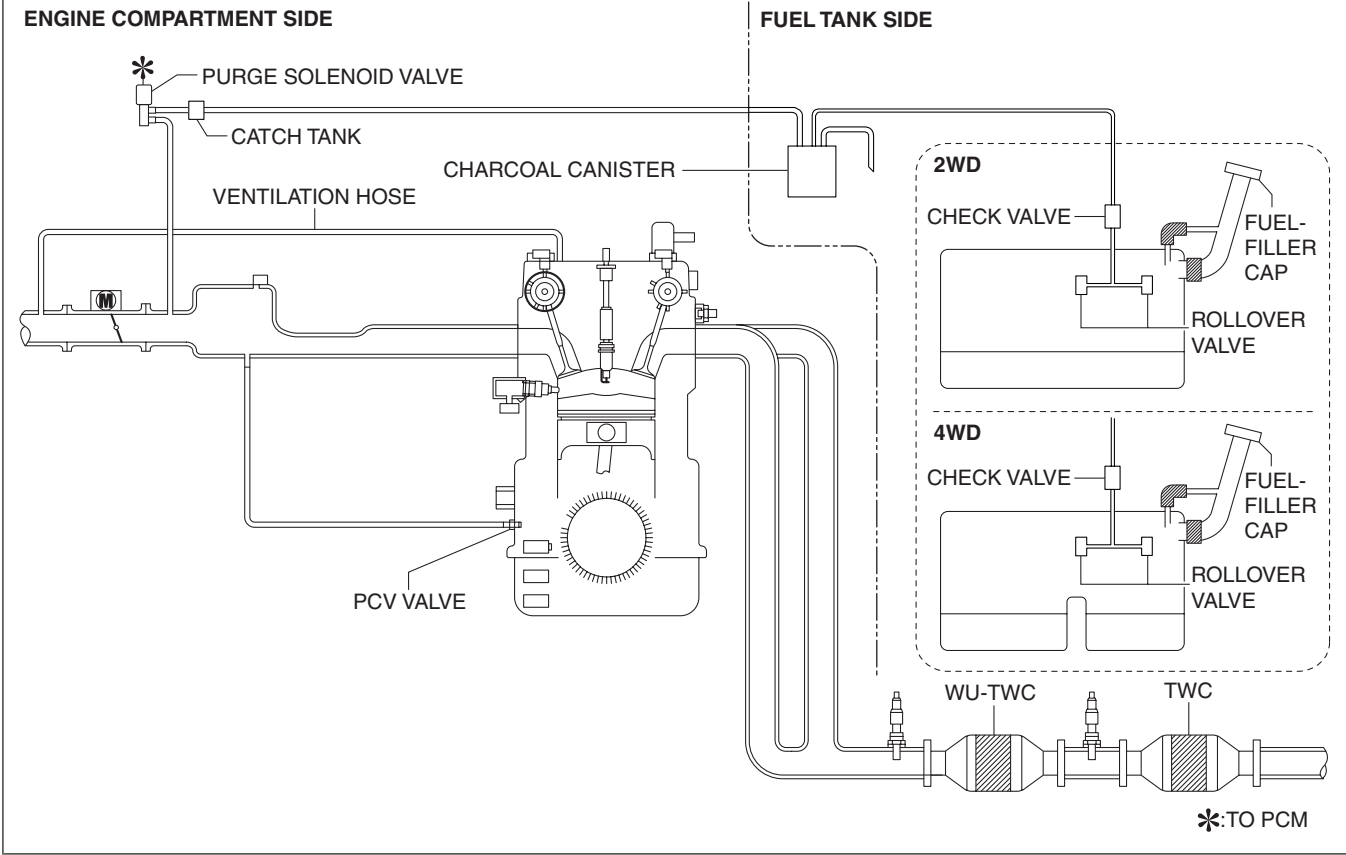
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## 4WD

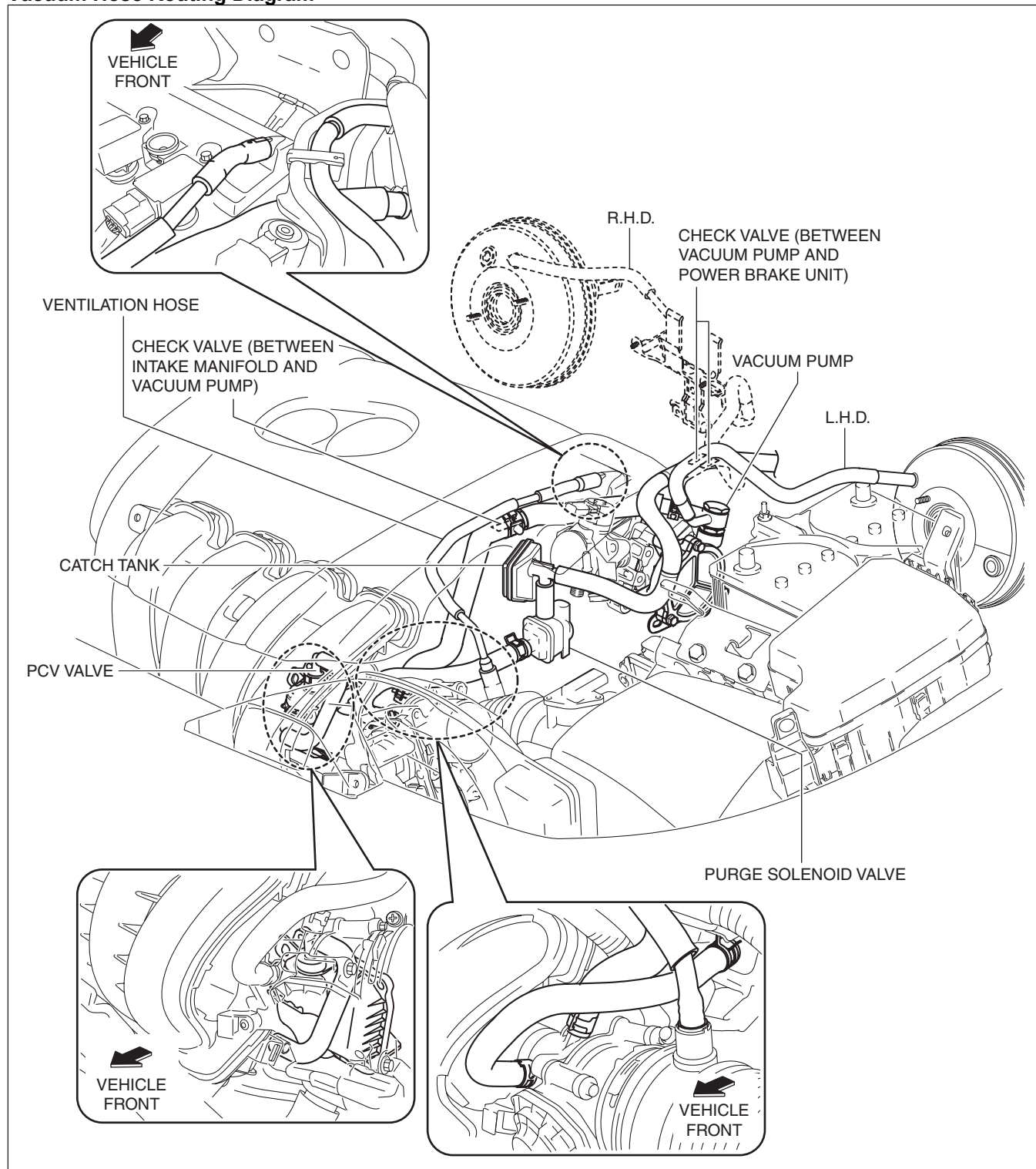


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System Diagram



## Vacuum Hose Routing Diagram



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## Structure

- The emission system consists of the following parts:

Part/System name		Reference
Exhaust gas purification system (See EXHAUST GAS PURIFICATION SYSTEM [SKYACTIV-G 2.0, SKYACTIV-G 2.5].)	Catalytic converter	(See CATALYTIC CONVERTER [SKYACTIV-G 2.0, SKYACTIV-G 2.5].)
Positive crankcase ventilation system (See POSITIVE CRANKCASE VENTILATION (PCV) SYSTEM [SKYACTIV-G 2.0, SKYACTIV-G 2.5].)	PCV valve	(See POSITIVE CRANKCASE VENTILATION (PCV) VALVE [SKYACTIV-G 2.0, SKYACTIV-G 2.5].)

Part/System name		Reference
Evaporative emission control system (See EVAPORATIVE EMISSION (EVAP) CONTROL SYSTEM [SKYACTIV-G 2.0, SKYACTIV-G 2.5].)	Purge solenoid valve	(See PURGE SOLENOID VALVE [SKYACTIV-G 2.0, SKYACTIV-G 2.5].)
	Catch tank	(See CATCH TANK [SKYACTIV-G 2.0, SKYACTIV-G 2.5].)
	Charcoal canister	(See CHARCOAL CANISTER [SKYACTIV-G 2.0, SKYACTIV-G 2.5].)
	Check valve	(See CHECK VALVE [SKYACTIV-G 2.0, SKYACTIV-G 2.5].)
	Rollover valve	(See ROLLOVER VALVE [SKYACTIV-G 2.0, SKYACTIV-G 2.5].)
	Fuel-filler cap	(See FUEL-FILLER CAP [SKYACTIV-G 2.0, SKYACTIV-G 2.5].)
Quick release connector (emission system)		(See QUICK RELEASE CONNECTOR (EMISSION SYSTEM) [SKYACTIV-G 2.0, SKYACTIV-G 2.5].)

## Specification

Item	Specification
Catalyst form	WU-TWC (monolith) TWC (monolith)
EVAP control system	Charcoal canister type
PCV system	Closed type