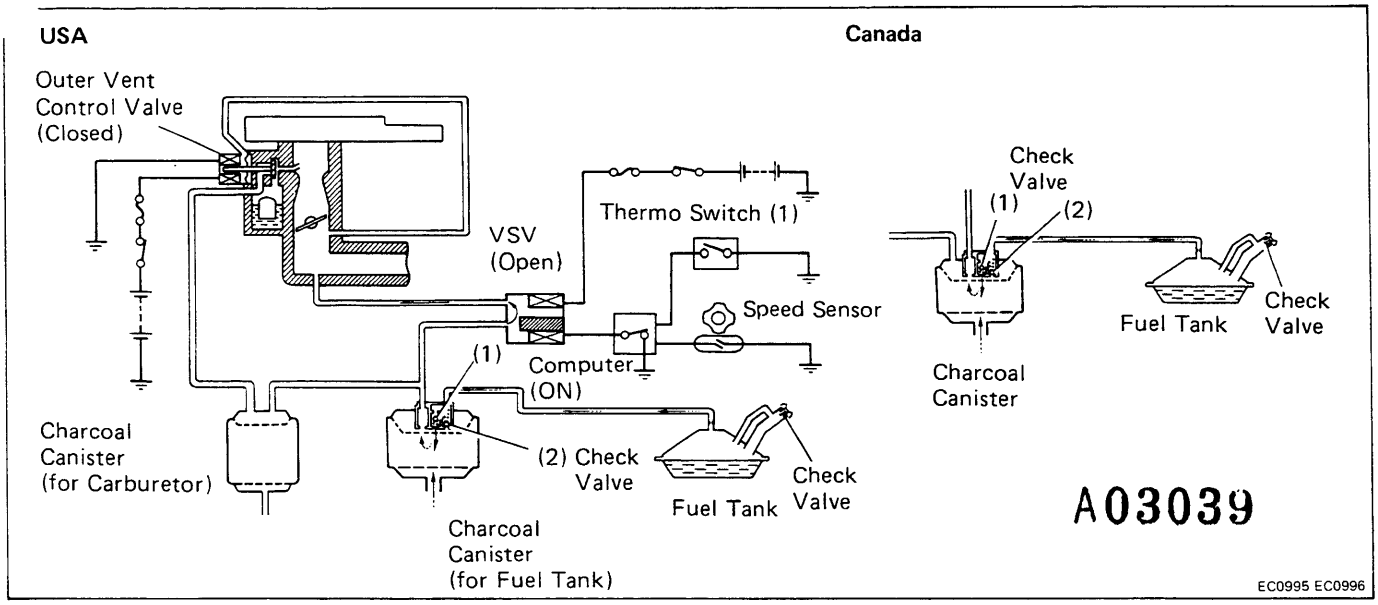
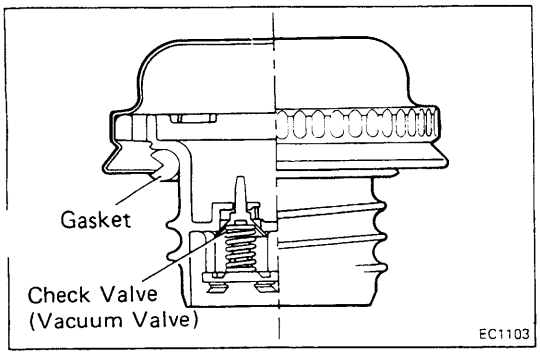
FUEL EVAPORATIVE EMISSION CONTROL (EVAP) SYSTEM



To reduce HC emissions, evaporated fuel from the fuel tank and float chamber is routed through the charcoal canister to the intake manifold for combustion in the cylinders.

IG S/W	Engine	*Outer Vent Control Valve	Coolant Temp.	Thermo S/W (1)	Vehicle Speed	Computer	VSV	Check (1)	Valve (2)	Check Valve in Cap	Evaporated Fuel (HC)
OFF	Not running	OPEN	–	–	–	–	–	–	–	—	HC from tank and float chamber is absorbed into the canister.
ON	Running	CLOSED	Below 43°C (109°F)	ON	–	OFF	CLOSED	–	–	–	HC from tank is absorbed into the canister
			Above 55°C (131°F)	OFF	Below 7 mph (11 km/h)	OFF	CLOSED	–	–	–	
					Above 16 mph (25 km/h)	ON	OPEN	–	–	–	HC from canister is led into the intake manifold.
High pressure in tank		–	–	–	–	–	–	OPEN	CLOSED	CLOSED	HC from tank is absorbed into the canister.
High vacuum in tank		–	–	–	–	–	–	CLOSED	OPEN	OPEN	Air is led into the tank.

Remarks: *The outer vent control valve is pulled by intake manifold vacuum and held by the solenoid. The solenoid itself cannot pull the valve.



INSPECTION OF FUEL FILLER CAP, FUEL VAPOR LINES AND FUEL TANK

1. VISUALLY INSPECT FUEL FILLER CAP

Look for damaged or deformed gasket and cap.
If a problem is found, repair or replace the cap.