



Preliminary Information

PIP5839A Diagnostic Tip: Possible Engine Overheating, Over Temperature Message or Running Hot

Proactive  
Models

Brand:	Model:	Model Years:	VIN:		Engine:	Transmissions:
			from	to		
Buick	Envision	2021 - 2022	All	All	2.0 LSY	All
Cadillac	CT4	2020 - 2022	All	All	2.0 LSY	All
Cadillac	CT5	2020 - 2022	All	All	2.0 LSY	All
Cadillac	CT6	2019	All	All	2.0 LSY	All
Cadillac	XT4	2019 - 2022	All	All	2.0 LSY	All
Cadillac	XT5	2020 - 2022	All	All	2.0 LSY	All
Cadillac	XT6	2020 - 2022	All	All	2.0 LSY	All
Chevrolet	Blazer	2020 - 2022	All	All	2.0 LSY	All
GMC	Acadia	2020 - 2022	All	All	2.0 LSY	All

Involved Region or Country:	North America
Condition:	Potential engine overheating, over temperature message or running hot
Cause:	Inaccurate (ECT) Engine Coolant Temperature Sensor - Coolant Pump Outlet Pipe

Correction

If you encounter the above condition complete the Engine overheat diagnostics in Service Information.

If you were not able to isolate the root cause of the engine overheat or running hot condition: Replace Engine Coolant Temperature sensor (Coolant Pump Outlet Pipe) using latest part in EPC and validate the repair.

Refer to latest Service Information for replacement of Engine Coolant Temperature located in Coolant Pump Outlet Pipe.

The cause of the condition may be Engine Coolant Temperature Sensor (ECT)- Coolant Pump Outlet Pipe reading noticeably cooler than the other Engine Coolant Temperature sensor (ECT) readings. This could affect the position of the Coolant Control Valve (CCV) and limit the amount of coolant entering the radiator causing the condition.

Note: This PI will become a bulletin as additional information becomes available.

Version History

Version	2
Modified	02/18/2022 – Created on. 03/28/2022 to update coolant sensor verbiage.



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