



Service Bulletin

Bulletin No.: 24-NA-224

Date: October, 2024

INFORMATION

Subject: Information on Engine Over Temperature Displayed on Drivers Information Center

Brand:	Model:	Model Year:		Build Date:		Engine:	Transmission:
		from	to	from	to		
Buick	Enclave	2024	2025			LK0	
Chevrolet	Traverse						
GMC	Acadia						

Involved Region or Country	North America
Condition	Some customers may comment on engine overheating with Engine Over Temperature message displayed on Driver Information Center (DIC). Some technicians may comment on no DTCs are present.
Cause	This condition may be caused by a temperature sensor sending incorrect information to the Engine Control Module closing off the radiator creating the overheat condition. This condition may be caused by a temperature sensor sending incorrect information to the Engine Control Module, thus resulting in the Engine Control Module closing off coolant flow to the radiator creating the overheat condition.
Information	Using the GDS, confirm if the accuracy of the one of the hot sensors (Engine Block or Integrate Exhaust Manifold) is reading less than the Engine inlet Temperature sensor: <ul style="list-style-type: none"> • If the readings are less than the temperature inlet sensor, it may be required to replace the faulty hot sensor. • If replacing the sensor does not resolve the issue, using the GDS2, check the Coolant Control Valve (CCV). • If the readings are less than 130 degree or above 190 degrees, check the upper and lower radiator hose for any internal blockages. If does not correct the issue. Refer to <i>Cooling System Description and Operation</i> in SI. Note: In GDS, Engine Inlet Sensor = Engine Coolant Temperature Sensor 2, Engine Block Sensor = Engine Coolant Temperature Sensor 5, Integrated Exhaust Manifold Sensor = Engine Coolant Temperature Sensor 6

Important: Service agents must comply with all International, Federal, State, Provincial, and/or Local laws applicable to the activities it performs under this bulletin, including but not limited to handling, deploying, preparing, classifying, packaging, marking, labeling, and shipping dangerous goods. In the event of a conflict between the procedures set forth in this bulletin and the laws that apply to your dealership, you must follow those applicable laws.

Version	1
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GM bulletins are intended for use by professional technicians, NOT a "do-it-yourselfer". They are written to inform these technicians of conditions that may occur on some vehicles, or to provide information that could assist in the proper service of a vehicle. Properly trained technicians have the equipment, tools, safety instructions, and know-how to do a job properly and safely. If a condition is described, **DO NOT** assume that the bulletin applies to your vehicle, or that your vehicle will have that condition. See your GM dealer for information on whether your vehicle may benefit from the information.



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