



Service Bulletin

PRELIMINARY INFORMATION

Subject: Outside Air Temperature Does Not Read Correctly

Attention:

Brand:	Model:	Model Year:		VIN:		Engine:	Transmission:
		from	to	from	to		
Buick	LaCrosse	2017	2017	All	All	All	All

Involved Region or Country	North America
Additional RPO/s:	N/A
Condition	A vehicle may be brought into the dealer with a complaint of the outside air temperature/ambient air temperature display reading incorrectly.
Cause	The system may be operating as designed but the customer does not understand that there may be a delay in the update of the outside air temperature (OAT) display due to the update strategy involved.

Correction

Customer should be advised of the update strategy for the OAT display as outlined below:

Vehicle is off for less than 30min:

1. Vehicle speed <30 km/h (19 mph), the OAT will not update.
2. Vehicle speed between 30-85km/h (19-53 mph) for more than 231 secs (3 min. 51 secs), OAT will be valid and update slowly to the current temperature
3. Vehicle speed between 85-200km/h (53-124 mph) for more than 208 secs (3 min. 28 secs), OAT will be valid and slowly update to the current temperature

Vehicle is off for more than 30 min and less than 120min:

1. Vehicle speed < 30km/h (19 mph), the OAT will be invalid.
2. Vehicle speed between 30-85km/h (19-53 mph) for a time less than 231 secs (3 min. 51 secs), depending on off time, OAT will be valid and slowly update to the current temperature
3. Vehicle speed greater than 85km/h (53 mph) for a time less than 208 secs (3 min. 28 secs), depending on off time, OAT will be valid and slowly update to the current temperature

Vehicle is off for more than 120 min (2 hours):

Start vehicle, the OAT will be valid immediately and display the current temperature.

Note: If the vehicle speed drops below the above mentioned readings the algorithm timer resets to 0 and starts over

Version	1
Modified	

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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