



Service Bulletin

PRELIMINARY INFORMATION

Subject: Diagnostic Tip - Outside Temperature Will Not Update Or Inaccurate

Models: 2016-2017 Buick Envision
2015-2017 Cadillac Escalade Models
2014 Chevrolet Silverado 1500
2015-2017 Chevrolet Silverado, Suburban, Tahoe
2014 GMC Sierra 1500
2015-2017 GMC Sierra, Yukon Models

This PI was superseded to update the Models, Condition and Recommendation sections. Please discard PIT5232B.

The following diagnosis might be helpful if the vehicle exhibits the symptom(s) described in this PI.

Condition/Concern

Some owners may comment of any of the following issues:

- The outside temperature display is inaccurate and will not update.
- The outside temperature display takes too long to update.
- The outside temperature display shows 32° F (0° C). This concern may have started after disconnecting the battery or reprogramming a module.

Recommendation/Instructions

The ambient temperature uses an algorithm that delays updating the display until certain conditions are met. This ensures that the sensor does not detect engine or road heat when the vehicle is idling/slow speed driving.

The outside temperature will begin to update if driven above 20 mph for at least 5 minutes. If the vehicle speed drops below 20 mph, the timer will reset and the display will stop updating. Once the display starts to update, it may take several more minutes of driving above 20 mph for the display to fully update.

Additionally, if the vehicle sits for at least 8 hours, the display will be updated when the ignition is turned on.

Please follow this diagnostic or repair process thoroughly and complete each step. If the condition exhibited is resolved without completing every step, the remaining steps do not need to be performed.

Additional SI Keywords

Ambient, Not, Accurate, Inaccurate

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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