



# Service Bulletin

## PRELIMINARY INFORMATION

**Subject:** Analog Engine Coolant Temperature Gauge Does Not Always Agree with Digital Engine Coolant Temperature Gauge

**Models:** 2014 Chevrolet Corvette

### Condition/Concern

Some customers may comment that the analog engine coolant temperature gauge does not always agree with the digital engine coolant temperature gauge. This may occur because of the following:

- The analog engine coolant temperature (ECT) gauge incorporates a dampening program that is used to reduce the amount of ECT gauge needle fluctuation, so it does not appear erratic as the engine coolant temperature increases and decreases during normal vehicle operation.
- The digital engine coolant temperature gauge does not begin to read until the ECT reaches 100°F (38°C) and it is unfiltered data, meaning the digital display is the actual ECT being monitored at the ECT sensor.

### Recommendation/Instructions

There are times during the engine warm-up period until approximately 220°F (104°C) is reached, where the difference between the two readings may appear to be greater than what is normally expected. As the ECT stabilizes the two readings should come closer together. There are also times as the ECT fluctuates that the digital reading will change more than the needle on the analog gauge.

This is a normal operating characteristic of the system and no repairs are required.

### Customer Information

Please communicate to the customer that this condition as described is a normal operating characteristic of their vehicle. It will not impact the designed performance or reliability of the vehicle. Please share this information with the customer, including a copy of this information.

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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