



Service Bulletin

PRELIMINARY INFORMATION

Subject: Extended Engine Crank Times When Using E85

Models: 2014 Chevrolet Silverado 1500
2014 GMC Sierra 1500
With engines 4.3L, 5.3L RPOs LV3, L83

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

Condition/Concern

A vehicle may have a customer concern of an engine extended or long crank time during ambient air temps of -18°C (0°F) or colder when using E85.

This concern of an engine long crank time could be as long as 3 to 10 seconds or twice as long as 87 octane gas.

The starting characteristics of E85 or Flex Fuel make it unsuitable for use when temperatures fall below -18°C (0°F). Use 87 octane gasoline or add 87 octane gasoline to the E85 or Flex Fuel.

Recommendation/Instructions

If this concern is encountered, use GDS to determine the actual ethanol content of the fuel.

If the fuel shows to have E85, the fuel is not mixed for the cold weather.

Adding regular gas to the tank may help resolve the concern.

The use of a block heater may also help with the starting of the engine.

The colder the ambient temperatures, the greater amount of gasoline is required in the ethanol mix to provide consistent start times.

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.

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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