



# Service Bulletin

## PRELIMINARY INFORMATION

**Subject:** Malfunction Indicator Lamp (MIL) On and/or Rough Idle Cold Start During Cold Ambient Temperatures with DTC P0300 Set

**Models:** 2013-2014 Chevrolet Cruze, Sonic  
Equipped with 1.8L Engine (RPOs LUW, LWE)

### Condition/Concern

Some customers may comment on the service engine soon (SES) light on and/or a rough idle cold start during cold ambient temperatures.

Technician diagnosis reveals freeze frame data for DTC P0300 shows the DTC is set at cold ambient temperatures between 14 degrees F (-10 C) and 50 degrees F (+10 C) and within 120 seconds of the engine run time.

This may be caused by fuel being leaner for cleaner combustion, at lower ambient temperatures with low volatility fuel. Changing to top tier fuels may correct this condition.

### Recommendation/Instructions

**Important:** This is not due to any mechanical function of the engine, and parts should **NOT** be replaced for this condition.

GM engineering is investigating this concern and the PI will be updated when more is learned. Follow normal diagnostics in SI on the vehicles experiencing misfire that does not fall into the cold temperature span and short time duration.

### Customer Information

Please communicate to the customer that we apologize for this inconvenience and that General Motors is evaluating this concern and potential solutions. This PI will be updated with additional details as they become available.

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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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