



# Service Bulletin

## PRELIMINARY INFORMATION

**Subject:** Engine Cranks But Does Not Start, Engine Cranks With Loud Backfire, Engine Will Start and Stall

**Models:** 2014 Chevrolet Silverado 1500

2014 GMC Sierra 1500

Equipped with 4.3L V-6 Engine — RPO LV3

Equipped with 5.3L V-8 Engine — RPO L83

### Condition/Concern

Some customers may comment that the engine will crank but does not start, the engine will crank with a loud backfire, and/or the engine will start and stall. They may also comment on a hissing noise coming from the tailpipe area when cranking the engine.

The Service Personnel may observe that the vehicle will start after sitting in a heated shop for a few hours and there will not be any related Diagnostic Trouble Codes (DTC) found.

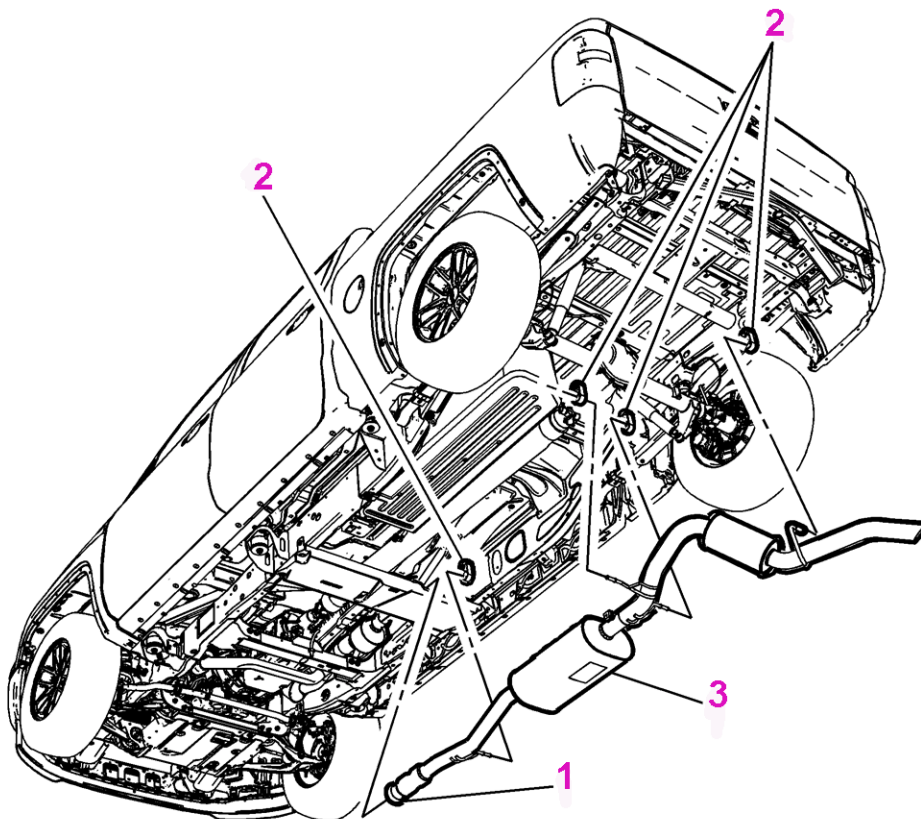
The Condition/Concern may be caused by ice buildup in the exhaust system causing the passive exhaust valve (PEV) to stick in the closed position.

### Recommendation/Instructions

**Notice:** DO NOT leave the Passive Exhaust Valve (PEV) in a bolted or pinned open position. This action creates an undesirable vibration and objectionable noise levels inside the cabin during Active Fuel Management (AFM) activation. Please ensure that any of your customer's vehicles that had been previously temporarily modified are retrieved and addressed with this solution repair. Dealers with TAC cases created where the temporary PI repair was provided will receive a notification that a service fix is now available.

If a vehicle is encountered with the above Condition/Concern as described, perform the following:

1. Perform the Diagnostic System Check - Vehicle.
  - ⇒ If any DTCs are found, Go to: Diagnostic Trouble Code (DTC) List - Vehicle in SI.
  - ⇒ If no DTCs are found, Go to Step 2.
2. Raise and support the vehicle. Refer to Lifting and Jacking in SI.



3. Exhaust system part identification:

- Exhaust Muffler Clamp Fastener (1)
- Exhaust Muffler Isolators (2)
- Exhaust Muffler (3)

**Notice:** DO NOT replace the catalytic converter. Refer to the Parts Information section in this Preliminary Information (PI).

4. Replace the exhaust system. Refer to: Exhaust Muffler with Resonator, Exhaust, and Tail Pipe Replacement in SI.

## Parts Information

| Part Number | Description  | Vehicle / Body Style / Engine Application   |
|-------------|--|---|
| 23487117    | Exhaust Muffler with Resonator, Exhaust, and Tail Pipe Replacement | Series CK159 = 8 ft Box Length<br>And<br>Body Style 03 = Regular Cab<br>Engine RPO LV3 or L83 |
| 23487118    | Exhaust Muffler with Resonator, Exhaust, and Tail Pipe Replacement | Series CK157 = 6 ft-5" Box Length<br>And<br>Body Style 43 = Crew Cab<br>Engine RPO LV3 or L83 |

|          |  |   |
|----------|--|---|
| 23487119 | Exhaust Muffler with Resonator, Exhaust, and Tail Pipe Replacement | Series CK155 = 5 ft-8"<br>Box Length<br>And<br>Body Style 43 = Crew Cab<br>Engine RPO LV3 or L83    |
| 23487119 | Exhaust Muffler with Resonator, Exhaust, and Tail Pipe Replacement | Series CK157 = 6 ft-5"<br>Box Length<br>And<br>Body Style 53 = Double Cab<br>Engine RPO LV3 or L83  |
| 23487120 | Exhaust Muffler with Resonator, Exhaust, and Tail Pipe Replacement | Series CK157 = 6 ft-5"<br>Box Length<br>And<br>Body Style 03 = Regular Cab<br>Engine RPO LV3 or L83 |

## Warranty Information

For vehicles repaired under warranty, use:

| Labor Operation | Description  | Labor Time                         |
|-----------------|--|------------------------------------|
| 4051980         | Exhaust Muffler with Resonator, Exhaust, and Tail Pipe Replacement | Use Published Labor Operation Time |

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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