



# Service Bulletin

## PRELIMINARY INFORMATION

**Subject:** Engine Runs Rough With Knock Noise and/or Backfire Pop Sound Coming From Air Filter

**Models:** 2016 Chevrolet Express and Silverado  
2016 GMC Savana and Sierra  
Equipped with the Duramax Diesel Engine RPO codes LGH or LML

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

### Condition/Concern

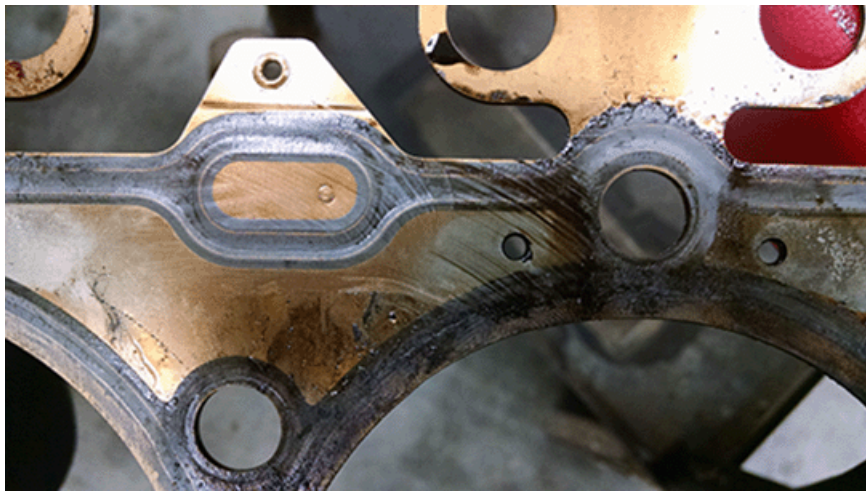
Some customers may complain of a SES light, engine misfire, and/or engine noise. If the SES light is on, DTCs P0300-P0308 or P0263, P0266, P0269, P0272, P0275, P0278, P0281, P0284 may be found. The noise may be described as a backfire or pop noise in the intake or an engine knock noise.

### Recommendation/Instructions

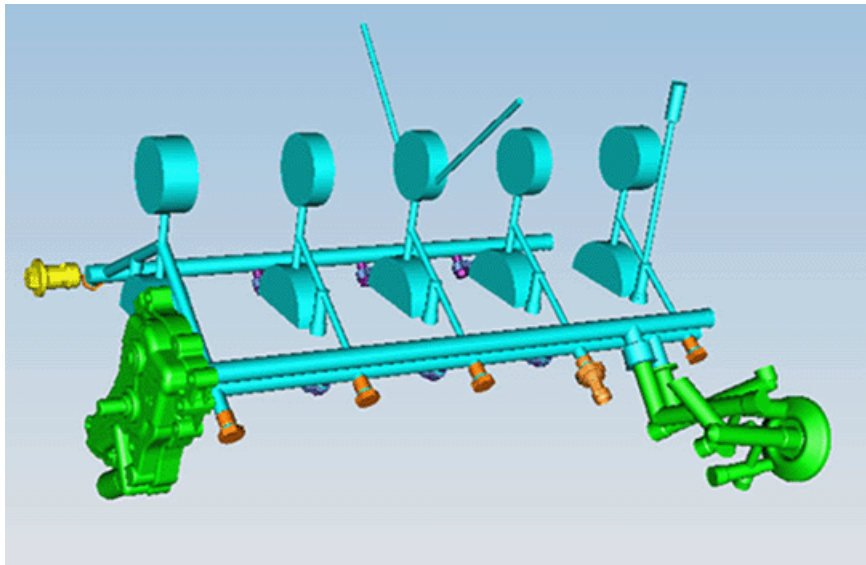
If SI diagnosis does not isolate the cause of this concern, it may be the result of a lack of lubrication to the rocker arms and valve train components. The cause of the lack of lubrication may be oil feed holes through the head gasket(s) that are not completely punched through.

Vehicles produced in January 2016 are the most likely to be affected.





Oil flows from the crankshaft/camshaft bearing galleries to the number 3 camshaft bearing, where it exits to both cylinder heads and enters the hollow rocker arm shafts. Oil flows through the rocker arm shafts and rocker arms where it lubricates the upper valve train components. Reference SI Lubrication Description and the diagram below for more details.



If suspected, check for signs of lack of lubrication to the rocker arms and valve train components. Inspect for worn cups on the pushrods and / or for worn pushrod seats on the rocker arms.



If the gasket is confirmed to have a missing lubrication hole, the affected cylinder head and head gasket as well as all lubricated parts (pushrods, rockers, rocker shafts, lifters, and bridge pads) **MUST** be replaced. In addition all valves and valve seals must be replaced as well.

Refer to the latest version of PIP5016: Supplement To Service Information For Duramax Diesel Head Gasket Replacement for assembly tips.

Warranty Information

For vehicles repaired under warranty use:

Labor Operation	Description	Labor Time
4061670	Cylinder Head Gasket Replacement - Right Side	Use Published Labor Operation Time
4061690	Cylinder Head Gasket Replacement - Left Side	Use Published Labor Operation Time

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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