



Service Bulletin

PRELIMINARY INFORMATION

Subject: P0324 Setting And/Or Poor Shifting Transmission Shift Shudder or TCC Surge or Shudder

Models: 2014 Chevrolet Silverado 1500
2014 GMC Sierra 1500
Built with RPOs 4.3L 5.3L L83 LV3

This PI was superseded to change subject line. Please discard PIP5149A.

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

Condition/Concern

The customer may comment on a SES light with a P0324 setting and/or they may have transmission shift shudder during the 1-2 and 2-3 shifts or TCC surge or shudder.

The customer may also complain of a low power/performance rough running engine.

MUST HAVE EITHER a P0324 and/or EXCESSIVE Spark RETARD, if neither of those two conditions present, this PI does not apply.

Checking the engine with the GDS tool reveals that there is an excessive amount of timing retard on one or two cylinders.

A connecting rod may be contacting one of the piston squirters causing a noise that is detectable by the knock sensors.

The ECM compensates by retarding the timing in that cylinder.

Recommendation/Instructions

On vehicle built before 8/20/2013:

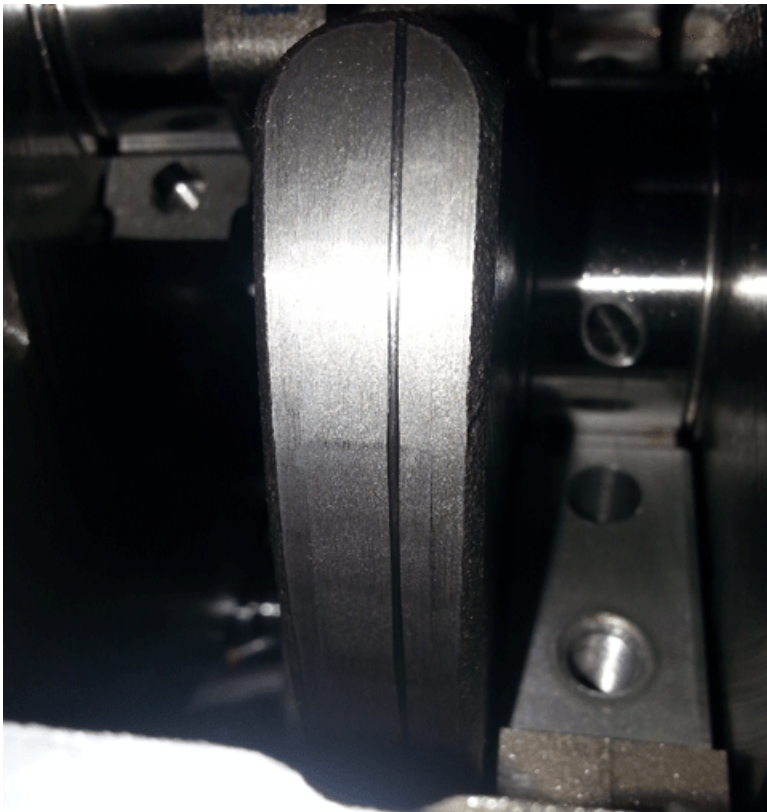
The dealer is authorized to remove the oil pan and inspect the oil squirters for contact.

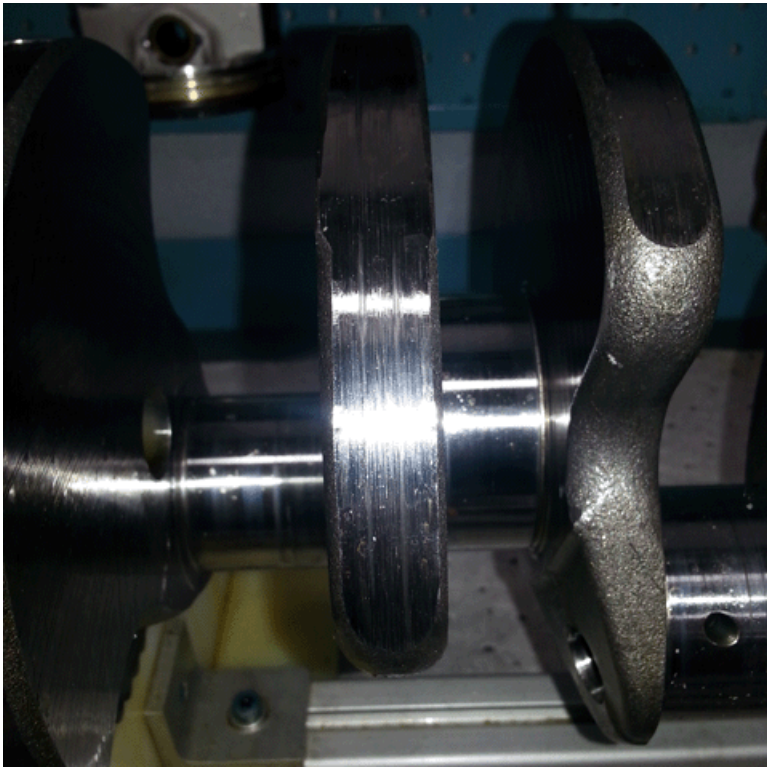




If contact is noted the dealer needs to call PQC for a replacement engine. (PER PIP5114)

Pictures of normal crankshaft marking that are not caused by the oil squirter making contact:





Warranty Information

For vehicles repaired under warranty use:

Labor Operation	Description	Labor Time
4065870	Oil Pan Replacement	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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