



Service Bulletin

PRELIMINARY INFORMATION

Subject: Ticking, Tap, or Rattle Noise From Engine

Models: 2013 - 2016 Buick Enclave, LaCrosse
2013 - 2015 Cadillac ATS, CTS
2013 - 2016 Cadillac SRX, XTS
2013 - 2015 Chevrolet Camaro
2015 - 2016 Chevrolet Colorado
2013 - 2016 Chevrolet Captiva Sport, Equinox, Impala, Traverse
2013 - 2016 GMC Acadia, Terrain
2015 - 2016 GMC Canyon
Equipped With a HFV6 Engine

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

Condition/Concern

Customers may bring their vehicle into the dealership for a rattle, tick, or knock type noise.

This could be all the time, or only under load or intermittent depending on the severity of the noise

You may find this noise hard to isolate to one area in the engine.

After you exhaust all external resources to try to locate the source of the noise including SI recommendations and you still haven't located or isolated the noise, following the steps in this PI may help.

Recommendation/Instructions

Raise the vehicle while running or with an assistant inside.

With chassis ears or a stethoscope, listen to the right and left side of the engine.

Try to isolate which bank the noise is from.

Once the noise is isolated or if unable to isolate, remove the piston and rod assemblies from the affected bank(s) to inspect for a loose rod bushing in the rod, or a loose wrist pin in the bushing. We have seen both.

There should be no metal through the oil and a piston and rod assembly will repair this noise.

Note: If metal is found refer to the latest version of PIP5216

If no wrist pins or bushings are loose and all other diagnostics for this type of noise has been exhausted then engine replacement may be necessary.

Warranty Information

For Vehicles Repaired Under Warranty Use Appropriate Labor Operation For Process Performed.

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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