



Service Bulletin

PRELIMINARY INFORMATION

Subject: Rattle Or Flutter Noise When Switching To And From V4 To V8 Mode

Models: 2014 Chevrolet Corvette
Equipped with engine RPO LT1 6.2L

This PI was superseded to update noise diagnoses. Please discard PIP5185.

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

Condition/Concern

A vehicle may have a concern with a rattle noise at 30 to 40 MPH when the engine is switching between V8 and V4.

The concern only happens when driving and cannot be duplicated in the shop.

Recommendation/Instructions

If it was built before March 15, 2014, inspect the drive belt tensioner for a hydraulic fluid leak.

If the tensioner is leaking, it will need to be replaced and then re-evaluate the concern.

If the tensioner is not leaking,

1. Start by disconnecting the EPEV (electronic passive exhaust valves)
2. If the noise changes plug 1 EPEV in to isolate which valve is the concern.
3. If no change replace the belt tensioner.

Warranty Information

The correction for this concern may be one of several repairs described above. For vehicles repaired under warranty, please use the appropriate warranty labor operation based on the actual cause and repair.

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.



WE SUPPORT VOLUNTARY TECHNICIAN CERTIFICATION