



Service Bulletin

PRELIMINARY INFORMATION

Subject: Engine Spark Knock (Ping) Noise During Acceleration

Models: 2014 Cadillac SRX
Equipped with 3.6L Engine (RPO LFX)

Attention: This PI also applies to any of the above models that may be Export vehicles.

Condition/Concern

Some customers may comment that during acceleration there is an audible engine ping noise (commonly referred to as spark knock). This may be caused by the software within the Engine Control Module (ECM).

Recommendation/Instructions

If performing diagnostics in Service Information (SI) does not lead to the correction of the noise and the vehicle is operating with the required 87 octane fuel, install updated service calibration for the ECM.

Note: This calibration enhancement does not repair any other condition besides the engine ping noise and should not be installed for any other issue.

An updated software calibration has been released to address this concern. Reprogram the Engine Control Module using the Service Programming System (SPS) with the latest calibrations available on TIS2WEB. Refer to the Engine Control Module Reprogramming with SPS in SI.

Warranty Information

For vehicles repaired under the Powertrain coverage, use the following labor operation. Reference the Applicable Warranties section of Investigate Vehicle History (IVH) for coverage information.

Labor Operation	Description	Labor Time
2810075	Engine Control Module Reprogramming with SPS	Use Published Labor Operation Time

Additional Keyword: Detonation

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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