



Service Bulletin

PRELIMINARY INFORMATION

Subject: Detonation, Spark Knock and/or Rattle Noise on Light Acceleration, Malfunction Indicator Lamp (MIL) On, DTC P0324 and/or P0326 Set

Models: 2010 Chevrolet Equinox
2010 GMC Terrain
Equipped with 4 Cylinder Engine (VIN W – RPO LAF)

This PI is being revised to add a diagnose before reprogramming statement under the Recommendation/Instructions and update Warranty Information. Please discard PI0325A.

Condition/Concern

Some customers may comment on a detonation/spark knock/rattle noise when accelerating (1500 to 1900 RPM). This condition may be accompanied by a malfunction indicator lamp and is present on **ONLY** partial throttle, light load conditions. A technician can duplicate this condition while brake torquing the vehicle in the stall.

When checking the vehicle for DTCs, the ECM may report P0324 and/or P0326 set as current or in history.

Recommendation/Instructions

Review the diagnostics in SI for this condition prior to reprogramming.

A revised calibration has been developed to address this concern. Update the ECM module using the Service Programming System (SPS) with the latest software available on TIS2WEB. Refer to the Service Programming System (SPS) procedures in SI.

When using a Tech 2® or a Multiple Diagnostic Interface (MDI) for reprogramming, ensure that it is updated with the latest software version. During programming, the battery voltage must be maintained within the proper range of 12-15 volts. Only use the approved Midtronics® PSC 550 Battery Maintainer (SPS Programming Support Tool EL-49642) or equivalent during programming.

Warranty Information

For vehicles repaired under warranty, use:

Labor Operation	Description	Labor Time
J6353	Engine Control Module - Engine Reprogramming with SPS	0.4 hr

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 this information.



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