

#PI0473: MIL ILLUMINATED AFTE...

#PI0473: MIL ILLUMINATED AFTER COLD START WITH RANDOM MISFIRE COUNTS (MAY 16, 2011)

Document ID#
2658850**#PI0473: MIL ILLUMINATED AFTER COLD START WITH RANDOM MISFIRE COUNTS (MAY 16, 2011)****Subject: MIL Illuminated after Cold Start with Random Misfire Counts**

**Models: 2010-2011 Buick Enclave
2010-2011 Chevrolet Traverse
2010-2011 GMC Acadia
Equipped with 3.6L V6 Engine (VIN D – RPO LLT)
Built Prior to VIN Breakpoint BJ379164**

**Condition/Concern**

Some customers may comment that the Malfunction Indicator Lamp (MIL) is illuminated within the first 60 seconds of operations after a cold start. A revised calibration has been developed to address this condition. The following information might be helpful if the vehicle exhibits this condition.

- Customer may advise that the MIL is illuminated with no driveability concern noticed.
- Technicians may observe a DTC (P0300 through P0306 - random misfire counts) that has occurred during the first 60 seconds of a cold start.

Recommendation/Instructions

A revised engine calibration has been developed to address these issues. Review SI to diagnose the condition described above. If SI does not isolate a fault, reprogram the engine control module (ECM) with updated calibration files using the TIS2WEB Service Programming System (SPS) application. Select SEQ Programming Sequence ECM/TCM from the Supported Controllers screen. Refer to SI and Service Programming System (SPS) documentation for programming instructions, if required.

Important: Calibrations include multiple updates, confirm the newest calibration includes the following description: "P0300 cold start, low ambient temperature-low misfire counts, first 60 seconds." This calibration should only be used to repair vehicles that have the subject condition. This calibration, or any that follow, is designed to address this concern. Use of this calibration to attempt to fix other conditions will not be successful and are subject to warranty claim review.

Note: Reprogram the ECM with the software now available in TIS2WEB using the Service Programming System (SPS). If you cannot access the calibration, call the Techline Customer Support Center at 1-800-828-6860 (English) or 1-800-503-3222 (French) and it will be provided. Do not attempt to order the calibration number from GMSPO. As always, make sure your Tech 2® diagnostic scan tool is updated with the latest software version or verify that the multiple diagnostic interface (MDI) that is being used is configured to the PC that will be used. Clear any codes and verify the condition has been corrected.

Warranty Information

For vehicles reprogrammed under the 8 year / 80,000 mile (130,000 km) emission controller warranty, use:

Labor Operation	Description	Labor Time
J6353*	ECM/PCM – Reprogramming with SPS, Emission Related	0.4 hr

* This is a unique labor operation for bulletin use only. It will not be published in the Labor Time Guide.

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



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