



Service Bulletin

File in Section: -

Bulletin No.: PI0930

Date: March, 2013

PRELIMINARY INFORMATION

Subject: Lack of Power and/or Hesitation from a Stop, Engine Noise

Models: 2012 Buick Enclave
2012 Chevrolet Traverse
2012 GMC Acadia
Equipped with 3.6L Engine (RPO LLT)

This PI replaces PIP5073. Please discard PIP5073.

Condition/Concern

In rare instances, some customers may complain of a lack of power on initial acceleration from a stop, accompanied with an engine knock/thump noise, when the ambient temperature is approximately 103°F or greater. In some instances, the customer may also advise that they noticed that the temperature gauge was near the red (around 230°F on Tech 2) but no coolant loss was experienced. Upon inspection, no DTCs will be present.

Recommendation/Instructions

If the concern is present, perform SI diagnostics for the lack of power and document the test results. Then check the cooling fan operation by commanding the cooling fan on and off with the scan tool to ensure proper operation. If the cooling fan operation is abnormal, perform SI diagnostics and repair as necessary.

Next check the vehicle operation with a Tech 2. Perform a snapshot of the Spark Parameters during the vehicle event for hesitation. If the spark drops to zero or below during the acceleration hesitation event, a revised engine calibration has been developed to address these issues.

Reprogram the engine control module (ECM) with the updated calibration files using the TIS2Web Service Programming System.(SPS). 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.

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.

Technicians should select "New calibration to address customer complaint of engine noise on cold start and reduce potential for hesitation after hot soak." when programming in TIS2Web Service Programming System (SPS).

Important: After reprogramming the ECM, the BPP (brake pedal position) learn procedure must be performed.

Warranty Information

For vehicles repaired under warranty, use:

Labor Operation	Description	Labor Time
J6350	Engine Control Module Reprogramming with SPS	Use Published Labor Operation Time