Service Bulletin

PRELIMINARY INFORMATION

Subject: Rough Idle And/Or Lack Of Power On Acceleration After Cold Start - Possible Characteristic

Models: 2009-2013 Chevrolet Express, Silverado, Suburban
2009-2013 GMC Savana, Sierra
With any of the following V8 Engine RPO Codes:
6.0L - L76, L77, L96, LY6
6.2L- L94 L9H

This PI was superseded to update model years. Please discard PIP4828.

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

Condition/Concern

Some customers may complain of a rough idle and/or momentary lack of power after cold starting the engine and immediately placing the transmission in gear. This concern will diminish within a couple minutes of startup as the engine warms up. Upon inspection, no DTCs will be stored and all scan data will appear normal as well.

This may be a characteristic of the ECM calibration. The ECM calibration is designed to meet cold start emissions without the use of an AIR pump by retarding the timing to warm up the catalytic converter. Unfortunately, this may affect cold start drivability is some cases.

Recommendation/Instructions

If SI diagnosis does not isolate the cause of this concern and all of the following statements apply, this should be considered a characteristic of the ECM calibration and no additional repairs should be performed:

1. The concern has been present since the vehicle was new.
2. The concern is greatly improved or eliminated if the engine is allowed to warm up for 2 minutes or more.
3. The concern is present on a similarly equipped vehicle.
4. The concern is still present when using one of the top-tier gasolines listed in the latest version of 04-06-04-047. Unless premium fuel is required, 87 octane should be used to get the best cold drivability performance.
5. There are no DTCs present.

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.