



# Service Bulletin

File in Section: -

Bulletin No.: PI1400

Date: February, 2015

## PRELIMINARY INFORMATION

**Subject:** Engine Surge While Driving Under Heavy Load

**Models:** 2014 Chevrolet Malibu  
Equipped with 2.5L Engine and 6T40 Automatic Transmission (RPOs LKW, MNH)

**Attention:** This PI also applies to any of the above models that may be Israel Export vehicles.  
**Condition/Concern**

Some customers may comment that the engine surges or RPM oscillates rapidly (200-300 RPMs) while under heavy load. The engine surging is severe enough to cause the vehicle to push/pull back and forth. The customer may describe this as harsh engine misfire, engine power loss or transmission slip-and-catch feel.

Most Common Driving Condition

- Cruise Control
- 6th gear at speeds ranging from 88-112 km/h (55-70 mph)
- Towing or climbing long grades

This condition is for multiple engine oscillations lasting roughly 5-10 seconds, not a single event such as a single engine misfire.

### Recommendation/Instructions

A revised calibration has been developed to address this concern.

Update the transmission control module (TCM) using the Service Programming System (SPS) with the latest software available on TIS2WEB. Refer to the Service Programming System (SPS) procedures in SI.

**Important:** After updating the transmission control module (TCM) complete the Transmission Adaptive Values Learn procedure. Advise the customer that this calibration will cause the transmission to re-adapt and may be noticed as subtle, brief pulses when driving highway speeds on flat roads.

**Important:** Verify the battery voltage is more than 12 volts but less than 16 volts before proceeding with reprogramming. The battery must be fully charged **BEFORE** reprogramming.

**Important:** During reprogramming, the battery voltage must be maintained within the proper range of 12-15.5 volts. CONNECT the approved Midtronics® PSC 550 Battery Maintainer (SPS Programming Support Tool (EL-49642) to the vehicle or the GR8 (EL50313) in the power supply mode.

### Warranty Information

For vehicles repaired under the Bumper-to-Bumper coverage (Canada Base Warranty coverage), use the following labor operation. Reference the Applicable Warranties section of Investigate Vehicle History (IVH) for coverage information.

Labor Operation	Description	Labor Time
2810175	Transmission Control Module Reprogramming with SPS	Use Published Labor Operation Time