



Service Bulletin

TECHNICAL

Subject: MIL Illuminated with Firm Shifts, Shudder, Engine RPM Flare and DTCs P0606, P16F3 or P2818

Models: 2015 Cadillac Escalade, Escalade ESV
2015 Chevrolet Silverado
2015 GMC Sierra, Yukon, Yukon XL
Equipped with 8L90 Automatic Transmission (RPO M5U)

Attention: This Bulletin also applies to any of the above models that may be Export vehicles.

Condition

Some customers may comment on any of the following conditions:

- Firm 1-2 upshifts.
- Firm 3-1 downshifts.
Note: During low speeds with no accelerator pedal input, the downshift will most likely be a 3-1 shift.
- Engine RPM flare on tip-in.
- Malfunction Indicator Lamp (MIL) illuminated with DTC P0606, P16F3 or P2818 set as current or history.

Correction

An revised software calibration has been released to address these conditions.

Update the Transmission Control Module (TCM) using the Service Programming System (SPS) with the latest calibrations available on TIS2WEB. Refer to the K71 Transmission Control Module: Programming and Setup (8L45/90) in SI.

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.

After the reprogramming of the TCM, the transmission service fast learn procedure is required.

Transmission Service Fast Learn Procedure

Important: Failure to perform this procedure may result in poor transmission performance, DTCs being set, or customer dissatisfaction. Perform the service fast learn procedure in the exact sequence as listed below.

1. Ignition ON, clear any DTCs with a scan tool.
2. Ignition OFF, and all vehicle systems OFF. It may take up to 2 minutes for all vehicle control modules to power down.
Note: If the transmission fluid temperature is not between 75°C (167°F) and 85°C (185°F) the scan tool will not allow you to perform the service fast learn procedure.
3. Engine running, transmission in drive position with brake applied. Perform the service fast learn procedure with a scan tool. Follow the instructions on the scan tool.
4. Ignition OFF for 2 minutes.

Warranty Information

For vehicles repaired under the Powertrain 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

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 the information.



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