



Service Bulletin

TECHNICAL

Subject: Firm Garage Shifts, Start Up Clunk, DTC P16F3 (Reprogram TCM)

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

Brand:	Model:	Model Year:		VIN:		Engine:	Transmission:
		from	to	from	to		
Cadillac	Escalade Models	2015	2016				8L90 / M5U
Chevrolet	Corvette/Silverado	2015	2016				8L90 / M5U
GMC	Sierra	2015	2016				8L90 / M5U
GMC	Yukon Models	2015	2016				8L90 / M5U

Condition
<p>Some customers may comment on any of the following conditions:</p> <ul style="list-style-type: none"> Firm garage shifts, Park to Drive or Park to Reverse after the vehicle has been sitting for several hours with the engine off. A clunk noise that occurs as the engine starts or immediately after engine start. An illuminated MIL where DTC P16F3 is found as an active or history DTC.

Correction

A revised calibration has been developed to address these concerns.

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

Service Procedure:

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.

Important: After updating the transmission control module (TCM) complete K71 Transmission Control Module --- Setup to run the Service Fast Learn procedure.

To program an existing transmission control module (TCM), perform the following procedure:

1. Install EL-49642 SPS programming support tool.

2. Access the Service Programming System (SPS) and follow the on-screen instructions.
3. On the SPS Supported Controllers screen, select K20 K71 *Engine and Transmission Sequential Programming* and follow the on-screen instructions.
4. After programming complete, on the SPS Supported Controllers screen, select K71 Transmission Control Module --- Setup (Only with RPO M5U) and follow the on-screen instructions. This will complete Service Fast Learn.
5. At the end of programming, choose the "Clear All DTCs."

Warranty Information

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

Version	4
Modified	September 30, 2015 – Removed "Delayed Engagement" from the Subject. October 21, 2015 – Added 2015 Chevrolet Corvette. January 22, 2016 – Added 2016 Model Year.

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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