



Service Bulletin

TECHNICAL

Subject: Harsh Shift, Delayed Shift, Unwanted Downshift, Transmission Stuck in One Gear, Erratic Shifting, Hesitation or Have a Malfunction Indicator Lamp (MIL) Illuminated - DTC P0747, P0777, P0797, P2715 or P2724 May Be Set Current or History in Transmission Control Module

Brand:	Model:	Model Year:		VIN:		Engine:	Transmission:
		from	to	from	to		
Cadillac	ATS	2017	2017	SOP	December 6, 2016		Automatic 8L45, 8L90 (M5T, M5N, M5U, M5X)
	CTS						
	CT6 (Excluding RPO I16)				November 17, 2016		
	Escalade				December 16, 2016		
Chevrolet	Camaro	2017	2017	SOP	December 6, 2016		Automatic 8L45, 8L90 (M5T, M5N, M5U, M5X)
	Corvette				December 8, 2016		
	Silverado				December 16, 2016		
	Suburban (Excluding RPO I16)						
	Tahoe (Excluding RPO I16)						
GMC	Sierra	2017	2017	SOP	December 16, 2016		Automatic 8L90 (M5U, M5X)
	Yukon (Excluding RPO I16)						

Involved Region or Country	North America and N.A. Export Regions
Condition	<p>Some customers may comment that one or more of the following conditions:</p> <ul style="list-style-type: none"> • Harsh shift • Delayed shift • Unwanted downshift • Transmission stuck in one gear • Erratic shifting • Hesitation between shifts • MIL illuminated <p>The technician may find one or more of the following DTCs set:</p> <ul style="list-style-type: none"> • P0747 • P0777 • P0797 • P2715 • P2724
Cause	This condition may be caused by a calibration anomaly in the Transmission Control Module (TCM).
Correction	If you encounter a vehicle with the above concern, reprogram the Transmission Control Module (TCM) with the latest software available on TIS2WEB.

Warranty Information

For vehicles repaired under warranty, use:

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

Service Procedure

Important: Stable battery voltage is critical during programming. Any fluctuation, spiking, over voltage or loss of voltage will interrupt programming. Install the *EL-49642* SPS Programming Support Tool to maintain system voltage. If not available, connect a fully charged 12 V jumper or booster pack disconnected from the AC voltage supply. DO NOT connect a battery charger.

Note: After updating the TCM, complete K71 Transmission Control Module – Setup to run the Service Fast Learn procedure.

Update the TCM to the latest software and calibration available on TIS2WEB. Refer to *K71 Transmission Control Module: Programming and Setup* in SI.

Version	2
Modified	April 7, 2017 - Updated the Subject and Condition sections.

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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