



Service Bulletin

Bulletin No.: 20-NA-112

Date: August, 2020

TECHNICAL

Subject: MIL Illuminates While Descending a Grade with the Transfer Case in 4wd Low - DTC P0776 Set

Brand:	Model:	Model Year:		VIN:		Engine:	Transmission:
		from	to	from	to		
Cadillac	Escalade	2018	2020	-	-	L86	MF6
Chevrolet	Suburban						
	Tahoe						
GMC	Yukon						

Involved Region or Country	North America, Europe, Russia, Uzbekistan, Middle East, Chile, Columbia, Ecuador, Peru, Japan, S. Korea and Thailand.
Condition	Some customers may comment that MIL illuminates while descending a grade with the transfer case in 4wd Low. Some technicians may find P0776 (Transmission Control Solenoid Valve 2 Stuck Off) set in the Transmission Control Module (TCM).
Cause	This condition may be caused by an anomaly within the TCM calibration that causes the transmission to default to 4th gear and set P0776 in the rare instance of using 4 low descending a grade.
Correction	Do not attempt repairs as replacement of components will not resolve the condition. If code is setting outside of the use of 4WD Low, follow normal SI diagnostics.

Customer Information

Advise customer to use 4WD high when descending a grade.

Note: This condition will not have any impact on vehicle durability.

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.

Parts Information

No parts are required for this repair.

Labor Operation	Description	Labor Time
8481008*	Code Verification and Code Reset	0.3 hr

*This is a unique Labor Operation for Bulletin use only.

Version	2
Modified	Released May 29, 2020 Revised on August 20, 2020 — Updated Cause and Correction.

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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