

Service Bulletin

File in Section:

Bulletin No.:

n No.: 18-NA-037 Date: February, 2018

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TECHNICAL

Subject: Malfunction Indicator Lamp Illuminated DTC P2101 Set

Brand:	Model — Plant and Code (VIN Position 11)	Model Year:		VIN:			
		from	to	from	to	Engine:	Transmission:
Cadillac	Escalade Models — Arlington (VIN Code R)	2017	2018	SOP	01/31/2018	6.2L — RPO L86	All
Chevrolet	Silverado — Flint (VIN Code F)	2017	2018	SOP	01/31/2018	5.3L — RPO L83 6.2L — RPO L86	
	Silverado — Flint (VIN Code F)	2018	2018	SOP	01/31/2018	4.3L — RPO LV3	
	Silverado — Fort Wayne (VIN Code Z)	2017	2018	SOP	01/31/2018	5.3L — RPO L83 6.2L — RPO L86	
	Silverado — Fort Wayne (VIN Code Z)	2018	2018	SOP	01/31/2018	4.3L — RPO LV3	
	Silverado — Oshawa (VIN Code 1)	2017	2018	SOP	01/16/2018	5.3L — RPO L83 6.2L — RPO L86	
	Silverado — Oshawa (VIN Code 1)	2018	2018	SOP	01/16/2018	4.3L — RPO LV3	
	Silverado — Silao (VIN Code G)	2017	2018	SOP	02/20/2018	5.3L — RPO L83 6.2L — RPO L86	
	Silverado — Silao (VIN Code G)	2018	2018	SOP	02/20/2018	4.3L — RPO LV3	
	Suburban — Arlington (VIN Code R)	2017	2018	SOP	01/31/2018	5.3L — RPO L83	
	Tahoe — Arlington (VIN Code R)	2017	2018	SOP	01/31/2018	5.3L — RPO L83	
GMC	Sierra — Flint (VIN Code F)	2017	2018	SOP	01/31/2018	5.3L — RPO L83 6.2L — RPO L86	

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Brand:	Model — Plant and Code (VIN Position 11)	Model Year:		VIN:			
		from	to	from	to	Engine:	Transmission:
	Sierra — Flint (VIN Code F)	2018	2018	SOP	01/31/2018	4.3L — RPO LV3	
	Sierra — Fort Wayne (VIN Code Z)	2017	2018	SOP	01/31/2018	5.3L — RPO L83 6.2L — RPO L86	
	Sierra — Fort Wayne (VIN Code Z)	2018	2018	SOP	01/31/2018	4.3L — RPO LV3	
	Sierra — Oshawa (VIN Code 1)	2017	2018	SOP	01/16/2018	5.3L — RPO L83 6.2L — RPO L86	
	Sierra — Oshawa (VIN Code 1)	2018	2018	SOP	01/16/2018	4.3L — RPO LV3	
	Sierra — Silao (VIN Code G)	2017	2018	SOP	02/20/2018	5.3L — RPO L83 6.2L — RPO L86	
	Sierra — Silao (VIN Code G)	2018	2018	SOP	02/20/2018	4.3L — RPO LV3	
	Yukon Models — Arlington (VIN Code R)	2017	2018	SOP	01/31/2018	5.3L — RPO L83 6.2L — RPO L86	

Involved Region or Country	United States, Canada, N.A. Export Vehicles.		
Condition	Some customers may comment that the Malfunction Indicator Lamp (MIL) is illuminated. The Technician may observe on a scan tool DTC P2101 set and possibly the vehicle battery in a reduced state of charge.		
Cause	For the above identified vehicles, General Motors has introduced a new feature called Driver Door Open Prime (DDOP) which improves the engine's cold startability. A software anomaly in the ECM initializes the Electronic Throttle Control (ETC) Diagnostics when the DDOP occurs and falsely sets DTC P2101.		
Correction	If you encounter a vehicle with the above condition, reprogram the ECM with the latest available software.		

Service Procedure

- 1. Ignition ON.
- 2. Perform the Diagnostic System Check Vehicle.
- 3. Verify that DTC P2101 is set.
 - ⇒ If any other DTCs are set, go to Diagnostic Trouble Code (DTC) List - Vehicle.
 - \Rightarrow If only DTC P2101 is set, go to Step 4.

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 (GM Dealer Equipment Item #PSC-550) 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.

 Reprogram the ECM with the latest available software. Refer to *K20 Engine Control Module: Programming and Setup* in SI.

Parts Information

No parts are required for this repair.

Warranty Information

For vehicles repaired under warranty, use:

Labor Operation	Description	Labor Time	
2810075	Engine Control Module Reprogramming with SPS	Use Published Labor Operation Time	

Version Information

Version	1
Modified	Released February 05 ,2018

GM bulletins are intended for use by professional technicians, NOT a "<u>do-it-yourselfer</u>". 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, <u>DO NOT</u> 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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