



Service Bulletin

File in Section: -

Bulletin No.: 18-NA-037

Date: February, 2018

TECHNICAL

Subject: Malfunction Indicator Lamp Illuminated DTC P2101 Set

Brand:	Model — Plant and Code (VIN Position 11)	Model Year:		VIN:		Engine:	Transmission:
		from	to	from	to		
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	

Brand:	Model — Plant and Code (VIN Position 11)	Model Year:		VIN:		Engine:	Transmission:
		from	to	from	to		
	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.
 - ⇒ 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.

4. 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

