



Service Bulletin

Bulletin No.: 18-NA-037

Date: March, 2019

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 LD Silverado 2500/3500	2019	2019	SOP	02/13/2019	RPO L84, L87, LV3, L82	
	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		

Brand:	Model — Plant and Code (VIN Position 11)	Model Year:		VIN:		Engine:	Transmission:
		from	to	from	to		
GMC	Sierra Limited Sierra 2500/3500	2019	2019	SOP	02/13/2019	RPO L84, L87, LV3, L82	
	Sierra — Flint (VIN Code F)	2017	2018	SOP	01/31/2018	5.3L — RPO L83 6.2L — RPO L86	
	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) or Wake-Up Fuel Pump Prime (WUFPP) 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. Note: For the 2019 model year the "new model" trucks use the "Wake-Up Fuel Pump Prime" for previous model years they utilize Driver Door Open Prime.
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.

Note: Stable battery voltage is critical during programming. Any fluctuation, spiking, over voltage or loss of voltage will interrupt programming. Install a GM Authorized Programming Support Tool to maintain system voltage. Refer to www.gmdesolutions.com for further information. 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	2
Modified	Released February 05, 2018 Revised March 18, 2019 – Added 2019 Silverado and Sierra models, added note to cause section.

