



Service Bulletin

Bulletin No.: 19-NA-057

Date: March, 2019

TECHNICAL

Subject: Malfunction Indicator Lamp (MIL) Illuminated, DTC P0420 Set

Brand:	Model:	Model Year:		VIN:		Engine:	Transmission:
		from	to	from	to		
Buick	Encore	2013	2015			All	All
Chevrolet	Trax	2013	2015				

Involved Region or Country	North America and N.A. Export Regions
Condition	Some customers may comment that the MIL is on/illuminated and DTC P0420 is set current or in history.
Cause	The cause of the condition may be due to a calibration error.
Correction	Confirm the vehicle has the latest ECM calibration. If it is not up to current level, reprogram the ECM to the latest level of calibrations.

Service Procedure

- If the Engine Control Module (ECM) has to be programmed, refer to *Engine Control Module Reprogramming with SPS* in SI. If ECM has to be programmed, it will communicate that it is addressing the P0420 DTC.
- The ECM and Transmission Control Module (TCM) must be reprogrammed simultaneously.
- After ECM calibration has finished, the system will request to verify TCM calibration is up to date. Make sure that the TCM contains the latest software.
- If the TCM is not up-to-date, refer to *Control Solenoid Valve and Transmission Control Module Assembly Programming and Setup* in SI.
- If the TCM is up-to-date, then no further repairs are necessary.

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.

Parts Information

No parts are required for this repair.

Warranty Information

For vehicles repaired under the Emission coverage, use the following labor operation. Reference the Applicable Warranties section of Investigate Vehicle History (IVH) for coverage information.

Labor Operation	Description	Labor Time
2886068*	Engine Control Module Reprogramming with SPS	Use Published Labor Operation Time
*This is a unique Labor Operation for Bulletin use only. *Reprogram TCM simultaneously.		

Version	1
Modified	Released March 19, 2019

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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