



Service Bulletin

File in Section: -

Bulletin No.: 18-NA-300

Date: December, 2018

TECHNICAL

Subject: Malfunction Indicator Lamp (MIL) Illuminated - DTC P050F Set

This Bulletin replaces PIT5607A. Please discard PIT5607A.

Brand:	Model:	Model Year:		VIN:		Engine:	Transmission:
		from	to	from	to		
Chevrolet	Equinox	2018	2019				
GMC	Terrain						

Involved Region or Country	North America and N.A.Export Markets.
Condition	Some customers may comment that the MIL is illuminated. Some technicians may find DTC P050F (Brake Booster Weak Vacuum) set in the Engine Control Module (ECM).
Cause	This condition may be caused by a software anomaly.
Correction	Test the brake vacuum system to verify no leaks present and verify brake operation performance. If leak identified follow SI diagnostics. If no leak identified, reprogram ECM with latest calibration.

Service Procedure

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.

Refer to K20 Engine Control Module: Programming and Setup
K20 Engine Control Module: Programming and Setup in SI.

Parts Information

No parts are required for this repair.

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.

Labor Operation	Description	Labor Time
4086488*	Engine Control Module Reprogramming with SPS	0.5 hr

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

Version	2
Modified	Released October 08, 2018 Revised December 11, 2018 - Revised Labor Operation time.

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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