



# Service Bulletin

File in Section: -

Bulletin No.: 17-NA-401

Date: December, 2017

## TECHNICAL

**Subject: Diagnostic Tip for Brake Booster Weak Vacuum - DTC P050F Set**

Brand:	Model:	Model Year:		VIN:		Engine:	Transmission:
		from	to	from	to		
Chevrolet	Malibu	2016	2017				

<b>Involved Region or Country</b>	North America and N.A. Export Regions
<b>Additional Options (RPOs)</b>	Equipped with ENG CONTROL-STOP/START SYS, CONVENTIONAL AT, CONVENTIONAL MT OR BRAKE RELEASE LATE RESTART (RPO KL9)
<b>Condition</b>	Some technicians may find DTC P050F set or stored in history without any brake system performance issues.
<b>Cause</b>	This condition may be caused by a software anomaly.
<b>Correction</b>	If the DTC diagnostic information does not lead to a vacuum/circuit concern, update the ECM with the latest software calibration.

### Service Procedure

Reprogram the ECM with the latest calibration available on TIS2WEB. Refer to *K20 Engine Control Module: Programming and Setup* in SI.

**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 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.

### Warranty Information

For vehicles repaired under warranty, use the appropriate labor operation for the repair performed.

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

<b>Version</b>	1
<b>Modified</b>	Released December 18, 2017

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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