



Service Bulletin

Bulletin No.: 18-NA-270

Date: February, 2019

TECHNICAL

Subject: Multiple Electrical Concerns, Intermittent Multiple Instrument Panel Cluster (IPC) Warning Lamps Illuminated, Intermittent Multiple Message on Drivers Information Center (DIC), Malfunction Indicator Lamp (MIL) Illuminated - Multiple Codes Set

Brand:	Model:	Model Year:		VIN:		Engine:	Transmission:
		from	to	from	to		
Chevrolet	Camaro	2016	2019			6.2L (RPO LT1)	

Involved Region or Country	North America and N.A. Export Regions
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Condition	<p>Some customers may comment on, but not limited to, one or more of the following conditions:</p> <p>Note: This is a multi-wire bundled harness and depending on which wire is damaged, can set a variety of DTCs. Not all of the effects and driver notifications listed have been experienced. However, the different effects and driver notifications may be caused by one of the wires in the harness being chafed or cut. Components on different lines in the list below are in different circuits. Due to the cause of the condition, and the positions of the wires in the harness, it is unlikely that more than one circuit and/or fuse will be affected by the condition.</p> <ul style="list-style-type: none"> • IPC Warning Lamps Illuminated: battery light on, Malfunction Indicator Lamp (MIL) • Intermittent and/or Inoperative Multiple Electrical Concerns: IP cluster goes out, loss of electrical power <p>Some customers may also comment that the conditions listed typically occur on right hand turns.</p> <p>Some technicians may find one or more of the following Codes set:</p> <p>Set in the Engine Control Module:</p> <ul style="list-style-type: none"> • P0575: Cruise Control Switch Signal Message Counter Incorrect • P0700: Transmission Control Module Requested MIL Illumination • U0101: Lost Communication With Transmission Control Module • U0109: Lost Communication with Chassis Control Module • U0121: Lost Communication with Electronic Brake Control Module or Lost Communication with Brake System Control Module • U0140: Lost Communication With Body Control Module <p>Set in the Park Brake Control Module:</p> <ul style="list-style-type: none"> • U0100: U0101: Lost Communication With Engine Control Module • U0101 • U0121 • U0140 <p>Set in the Transmission Control Module:</p> <ul style="list-style-type: none"> • U0100 • U0121 • U0140 <p>Set in the Body Control Module:</p> <ul style="list-style-type: none"> • U0073: Control Module Communication Bus A Off or Control Module Communication High Speed CAN Bus Off • U0100 • U0101 • U0121 • U0128: Lost Communication With Park Brake Control Module <p>Set in the Human Machine Interface Control Module:</p> <ul style="list-style-type: none"> • U0100 • U0101 • U0140 <p>Set in the Electronic Brake Control Module:</p> <ul style="list-style-type: none"> • U0100 • U0101 • U0140 <p>Set in the Chassis Control Module:</p> <ul style="list-style-type: none"> • U0100 • U0140 <p>Some technicians may also comment that brake torquing the engine may cause the HS/LAN to drop out.</p>
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Note: This condition may only occur when the engine is hot.
This may be caused by the one of more of the following conditions:



5138718

Cause

- The engine wiring harness chaffing on the right rear intake manifold bolt/washer, causing the circuit to short to ground.



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- The engine wiring harness chaffing on the positive crankcase ventilation hose/pipe/ tube, causing the circuits to short out.

Correction	<p>Note: Possible multiple effects or driver notifications may be experienced by one of the wires in the engine harness being chafed or cut in different circuits. Due to the cause of the condition, and the positions of the wires in the engine harness, it is unlikely that more than one circuit and/or fuse will be affected by the condition.</p> <ol style="list-style-type: none"> 1. Inspect the engine wiring harness conduit and wires for chaffing. 2. Repair the wires per the <i>Wiring Repairs</i> procedure in SI. 3. Using Woven Polyester Electrical Tape (PET), tape all the contact points of the engine harness ensuring that the tape is applied in a double layer extending along the engine harness. 4. Utilizing tie straps, position the engine wiring harness away from the edge of the intake manifold bolt.
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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
5480568*	Wire-to-Wire Repair, Engine Harness	1.0 hr
*This is a unique Labor Operation for Bulletin use only.		

Version	3
Modified	Released September 05, 2018 September 12, 2018 - Changed Step 4 in the Correction section. February 13, 2019 – Added the 2019 Model Year, added another Condition and an additional engine harness contact location to the Cause section.

