



# Service Bulletin

File in Section: -

Bulletin No.: 18-NA-246

Date: December, 2018

## TECHNICAL

**Subject: Malfunction Indicator Lamp (MIL) Illuminated - DTC P0172 Set**

Brand:	Model:	Model Year:		VIN:		Engine:	Transmission:
		from	to	from	to		
Buick	GM Passenger Cars and Light Duty Trucks	2016	2018			Equipped with 2.0L (RPO LTG)	
Cadillac							
Chevrolet							
GMC							

<b>Involved Region or Country</b>	North America and N.A. Export Regions
<b>Condition</b>	Some customers may comment that the MIL is illuminated. Some technicians may find DTC P0172 (Fuel Trim System Rich) set in the Engine Control Module (ECM).
<b>Cause</b>	This condition may be caused by driving the vehicle in short intervals, allowing excessive fuel to collect in the crankcase.
<b>Correction</b>	<p><b>Important:</b> Replacing parts for those vehicles with fuel enriched oil will not correct the condition that caused this DTC to set.</p> <p>An oil and filter change may be necessary to remove excessive fuel collected in the crankcase and correct the DTC set.</p> <ol style="list-style-type: none"> <li>1. Verify if the ECM has the latest software available.</li> </ol> <p>⇒ Only update the ECM if the latest software is available.</p> <ol style="list-style-type: none"> <li>2. Install revised PCV valve located in the camshaft cover.</li> <li>3. Clear the code and take the vehicle for a test drive to validate that the code does not return.</li> </ol>

### 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* in SI.

Refer to *Positive Crankcase Ventilation Valve Replacement* in SI.

### Parts Information

Causal Part	Description	Part Number	Qty
N/A	Filter, Oil	Refer to EPC	1
N/A	Oil		
N/A	VALVE, PCV	55596783	1

## 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
4086338*	Diagnosis MIL and Clear Code	0.2 hr
Add	Oil and Filter Change	0.3 hr
Add	Camshaft Cover Replacement	Use Actual Clock Time
Add	Engine Control Module Reprogramming with SPS	0.3 hr
*This is a unique Labor Operation for Bulletin use only.		

<b>Version</b>	2
<b>Modified</b>	Released August 06, 2018 December 18, 2018 – Added ECM and PCV valve information.

