



Preliminary Information

PIP5647B Low Mileage Running Poorly With Rich Fuel Trims and/or Crank Case Overfull

Models

Brand:	Model:	Model Years:	VIN:		Engine:	Transmissions:
			from	to		
Buick	Encore	2016 - 2020	All	All	1.4L LE2	All
Chevrolet	Cruze	2016 - 2019	All	All	1.4L LE2	All
Chevrolet	Malibu	2016 - 2020	All	All	1.5L LFV	All
Chevrolet	Equinox	2018 - 2020	All	All	1.5 LYX	All
Chevrolet	Silverado 1500 (New Model)	2019 - 2020	All	All	5.3L 6.2L L82 L84 L87	All
Chevrolet	Suburban	2021	All	All	5.3L 6.2L L84 L87	All
Chevrolet	Tahoe	2021	All	All	5.3L 6.2L L84 L87	All
GMC	Sierra 1500 (New Model)	2019 - 2020	All	All	5.3L 6.2L L82 L84 L87	All
GMC	Terrain	2018 - 2020	All	All	1.5L LYX	All
GMC	Yukon	2021	All	All	5.3L 6.2L L84 L87	All

Involved Region or Country	North America
Condition	<p>A vehicle may have a concern of running poor and stalling. No trouble codes may be set referencing this condition. Fuel trims around -20% may be observed on both banks. Engine oil level will be found over full and have a fuel odor. It will be found that the Engine oil is diluted with fuel.</p> <p>Small gas engines (SGE) May only have the engine oil level over full and have a fuel odor. It will be found that the Engine oil is diluted with fuel.</p>
Cause	This concern is caused by marshalling the vehicle around the lot before it is sold and/or short driver cycles.

Correction:

- Record the fuel trims and oil level.
- Change the oil and filter, drive the vehicle and evaluate the fuel trims and record.

Note: Do not replace the fuel pump for this condition

- If the fuel trims return to normal return the vehicle to the customer.
- If the issue is not corrected by the instructions listed above, follow published SI diagnostics for the concern.

Note: During cold starts, it is normal for some fuel to enter the crankcase. When the engine warms up fuel in the crankcase boils off and is reintroduced to the combustion chamber. In extreme cases where the customer drive

cycle is short, or excessive engine idling is present, the engine may not be able to reach the temperature required to boil off fuel. To combat this occurrence it may be necessary to minimize idle time in addition to mixing in routine rural/highway drives. Barring the above, more frequent oil changes may be required.

This PI will be updated as information is gathered.

Warranty Information

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

Labor Operation	Description	Labor Time
4086998	Change the oil and filter, drive the vehicle and evaluate the fuel trims and record	0.5 Hr.
*This is a unique Labor Operation for Bulletin use only.		

Version History

Version	3
Modified	05/13/2019 - Created on 04/24/2020 - Updated Model Years. 08/20/2020- to add 2021 T1UX



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