



Service Bulletin

File in Section: -

Bulletin No.: 18-NA-125

Date: April, 2018

INFORMATION

Subject: Information on Engine Oil Life Monitor Operation Calculation

This Bulletin replaces PIP5282A. Please discard PIP5282A.

Brand:	Model:	Model Year:		VIN:		Engine:	Transmission:
		from	to	from	to		
Buick	GM Passenger Cars and Trucks	2010	2018				
Cadillac							
Chevrolet							
GMC							

Involved Region or Country	North America and N.A. Export Regions
Condition	<p>Since 2010, all GM vehicles have been equipped with the oil life monitor (OLM) system. The monitor calculates the percent of oil life remaining, based on 3 pathways.</p> <p>The OLM starts its calculation for all pathways after the first 50 miles (80 km) to account for marshalling and time before sale. Subsequently, calculations begin immediately after each reset.</p>

Oil Life Monitor Calculation Pathways:

1. Engine revolutions – Oil life starts with a fixed number of revolutions and will decrease with each revolution. Cold / hot coolant temperature readings have multipliers that reduce engine revolutions pathway quicker depending on how far from the normal oil temperature the vehicle is operating.

Note: If the engine coolant temperature gets above 260°F (126°C), engine overheat condition, the oil life will go to 0%.

2. Mileage from last reset – Starting with MY 2013, the OLM is capped at 7,500 miles (12,070 km) for all GM powertrains except the Volt. In perfect conditions, a vehicle would reach 7500 miles (12,070 km) from the last reset and the oil life left would be 0%.

Note: For the 2016-2018 MY Camaro, 2014-2018 MY CTS and 2015-2018 MY ATS equipped with the 2.0L LTG sold in Europe, the OLM is capped at 30,000 km / 1 year.

3. Time – This pathway is a liner function, a fixed decrease in oil life for a given time after the oil life is reset. The oil life will drop to 0% after 1 year regardless of the amount of engine revolutions or how many miles since the reset.

Note: The Volt uses a 2 year timer instead of 1 year. It also uses the engine revolution counter. It does not use the mileage pathway to count down.

Version	1
Modified	Released April 19, 2018

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