

2020 Buick Truck Enclave AWD V6-3.6L

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FLUID IN SPARK PLUG TUBES, COOLANT AND/OR OIL LEAK, MALFUNCTION INDICATOR LAMP
(MIL) ILLUMINATED

#21-NA-147: Fluid In Spark Plug Tubes, Coolant and/or Oil Leak, Malfunction Indicator Lamp (MIL) Illuminated - (Jul 25, 2025)

Subject: Fluid in Spark Plug Tubes, Coolant and/or Oil Leak, Malfunction Indicator Lamp (MIL) Illuminated



Brand:	Model:	Model Year:		VIN:		Engine:	Transmission:
		from	to	from	to		
Buick	Enclave	2010	2024	—	—	3.6L (LFY, LLT)	—
	LaCrosse	2010	2019			3.0L (LFW), 3.6L (LFX, LGX, LLT)	
	Regal	2018	2020			3.6L (LGX)	
Cadillac	ATS	2013	2019			3.6L (LF4, LFX, LGX)	
	CT5	2020	2026			3.0L (LGY)	
	CT6	2016	2020			3.0L (LGW), 3.6L (LGX)	
	CTS	2010	2019			3.0L (LF1, LFW), 3.6L (LF3, LFX, LGX, LLT)	
	SRX	2010	2016			3.0L (LFW), 3.6L (LFX)	
	XT5	2017	2026			3.6L (LGX)	
	XT6	2020	2026			3.6L (LGX)	
	XTS	2013	2019			3.6L (LF3, LFX)	
Chevrolet	Blazer	2019	2026			3.6L (LGX)	
	Camaro	2010	2022			3.6L (LFX, LGX, LLT)	
	Caprice PPV	2012	2015			3.6L (LFX)	
	Captiva Sport	2012	2015			3.6L (LFX)	
	Colorado	2015	2022			3.6L (LFX, LGZ)	
	Equinox	2010	2017			3.0L (LF1, LFW), 3.6L (LFX)	
	Impala	2012	2020			3.6L (LFX)	
	Traverse	2010	2024			3.6L (LFY, LLT)	

Brand:	Model:	Model Year:		VIN:		Engine:	Transmission:
		from	to	from	to		
GMC	Acadia	2010	2022			3.6L (LGX, LLT)	
	Canyon	2015	2022			3.6L (LFX, LGZ)	
	Terrain	2010	2017			3.0L (LF1, LFW), 3.6L (LFX)	
Holden	Acadia	2018	2020			3.6L (LGX)	
	Commodore	2019	2020			3.6L (LGX)	

Involved Region or Country	North America, Argentina, Brazil, Bolivia, Chile, Colombia, Ecuador, Paraguay, Peru, Uruguay, Venezuela, Europe, Uzbekistan, Russia, Middle East, Iraq, Israel, Palestine, Japan, Cadillac Korea (South Korea), GM Korea Company, China, Taiwan, Thailand, Singapore, Philippines, Egypt, Other Africa, South Africa, Australia/New Zealand
Condition	Some customers may comment that the MIL is illuminated. Some customers may also comment on a coolant and/or oil leak. Technicians may find multiple misfire codes.
Cause	This condition may be caused by coolant and/or oil in a spark plug tube.
Correction	Determine if the oil or coolant is coming from the spark plug tube and not leaking into the tube from above. If the spark plug tube is leaking, replace the cylinder head, spark plug and coil. These leaks are caused by porous spots in the head created during manufacturing. The spark plug tubes are permanently sealed into the head and are not replaceable. If you replace a cylinder head for this concern, mark the faulty spark plug tube before sending the head in for warranty or core so GM Engineering or the re-manufacturing facility will know where the concern was.

Important: Service agents must comply with all International, Federal, State, Provincial, and/or Local laws applicable to the activities it performs under this bulletin, including but not limited to handling, deploying, preparing, classifying, packaging, marking, labeling, and shipping dangerous goods. In the event of a conflict between the procedures set forth in this bulletin and the laws that apply to your dealership, you must follow those applicable laws.

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.

Note: Warranty Coverage Code E1 applies to these Labor Operations.

Labor Operation	Description	Labor Time
4061770	Cylinder Head Replacement - Right Side	Use Published Labor Operation Time

Labor Operation	Description	Labor Time
4061790	Cylinder Head Replacement - Left Side	Use Published Labor Operation Time

Version	4
Modified	Released June 22, 2021 Revised August 24, 2021 – Added Holden Acadia and Commodore models. Revised December 13, 2023 – Added the 2023-2024 Model Years to Enclave and Traverse. Revised July 25, 2025 – Added the 2023-2026 Model Years to Cadillac CT5, XT5, XT6 and Chevrolet Blazer and a Note under Warranty Information.

Additional SI Keywords: P0300, P0301, P0302, P0303, P0304, P0305, P0306

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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