



Service Bulletin

Bulletin No.: 25-NA-102

Date: May, 2025

TECHNICAL

Subject: Malfunction Indicator Lamp (MIL) Illuminated - DTC P0300 and/or P050D Set

Brand:	Model:	Model Year:		Build Date:		Engine:	Transmission:
		from	to	from	to		
Buick	Enclave	2025	2025			LK0	
Chevrolet	Traverse	2024					
GMC	Acadia						

Involved Region or Country	North America, Middle East
Condition	Some customers may comment on the MIL illuminated. Some technicians may find one or more of the following DTCs set in the ECM: <ul style="list-style-type: none"> • P0300: Engine Misfire Detected • P050D: Cold Start Rough Idle
Cause	This condition may be caused by the assembly of the rocker arms from the plant.
Correction	Remove spark plug from cylinders and place borescope in spark plug bore. Rotate engine by hand and verify that all the valves are opening. <ul style="list-style-type: none"> • If one or more valves are not opening, remove Camshaft Module and inspect valve rocker arms for miss-installation. • If one or more rocker arm is miss installed, replace the miss placed rocker arm(s).

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.

Service Procedure

Refer to *Camshaft Module Replacement*.

Parts Information

Note: Follow the procedure in SI for additional parts that may be required for the repair.

Causal Part	Description	Part Number	Qty
N/A	GASKET ASM-CM/SHF CVR	12731657	1
N/A	VALVE ASM-CM/SHF POSN ACTR EXH SOL	12742385	1
N/A	SEAL-TMG BELT FRT UPR CVR	12704570	1
N/A	BOLT/SCREW, CM/SHF POSN ACTR	11548863	1
N/A	BOLT, CR/SHF BALR	11604626	1
N/A	COVER ASM-ENG FRT	12736949	1
N/A	PIPE ASM-FUEL FEED INTER	12728652	1
N/A	SEAL-F/PMP HSG (O RING)	12645181	1
N/A	SEAL-TMG BELT FRT UPR CVR	12695868	1
N/A	FILTER ASM-OIL	12735608	1
N/A	OIL	Refer to EPC	As Required

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
4082318*	Camshaft Module Removal and Rocker Arm Installation	9.4
*This is a unique Labor Operation for Bulletin use only.		

Version	1
Modified	Released May 08, 2025

Additional Keywords: P0301, P0302, P0303, P0304

