



# Service Bulletin

Bulletin No.: 22-NA-193

Date: June, 2024

## INFORMATION

**Subject:** Information on Malfunction Indicator Lamp (MIL) Illuminated - DTC P219A and/or P219B Set

Brand:	Model:	Model Year:		VIN:		Engine:	Transmission:
		from	to	from	to		
Buick	LaCrosse	2017	2019			LGX	
	Regal	2018	2020			LGX	
Cadillac	ATS	2016	2019			LGX	
	CT5	2020	2024			LGX	
	CT6	2016	2020			LGW, LGX	
	CTS	2016	2019			LGX	
	XT5	2017	2024			LGX	
	XT6	2020	2024			LGX	
Chevrolet	Blazer	2018	2024			LGX	
	Camaro	2016	2024			LGX	
	Colorado	2017	2022			LGZ	
GMC	Acadia	2017	2024			LGX	
	Canyon		2022			LGZ	
Holden	Acadia	2019	2020			LGX	
	Commodore	2018	2020			LGX	

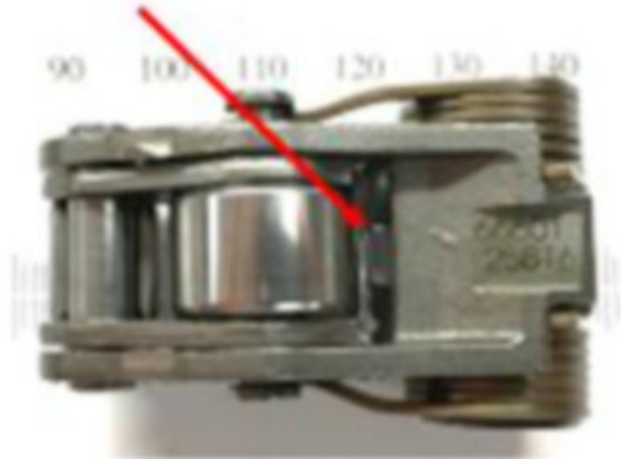
<b>Involved Region or Country</b>	North America
<b>Condition</b>	<p>Some customers may comment that the MIL is illuminated. Some technicians may find one or more of the following codes set in the Engine Control Module (ECM).</p> <ul style="list-style-type: none"> <li>• P219A</li> <li>• P219B</li> </ul> <p>Some technicians may also comment that no noise is associated with the condition and that the fuel system passes the AFIT injector test.</p> <p><b>Note:</b> If noise is present, review Bulletin 21-NA-278.</p>
<b>Cause</b>	While common for this to be diagnosed as faulty injectors- use of the Active Fuel Injector Tester ( <b>AFIT</b> ) usually finds this issue. This bulletin addresses potentially damaged Switching Roller Finger Followers (SRFF) ; including either a stuck or binding locking pin, or a broken or worn pin shelf.
<b>Information</b>	<ol style="list-style-type: none"> <li>1. Remove the cam cover of the affected bank (A is Bank 1, B is Bank 2) to inspect the dual function stationary hydraulic lash adjusters for cylinder 5 or cylinder 2.</li> <li>2. Inspect the SRFFs and rocker assemblies to see if they have become dislodged or damaged.</li> </ol>

⇒ While inspecting the rockers, it will be necessary to rotate the engine over by hand to ensure that the rockers are opening the valves.

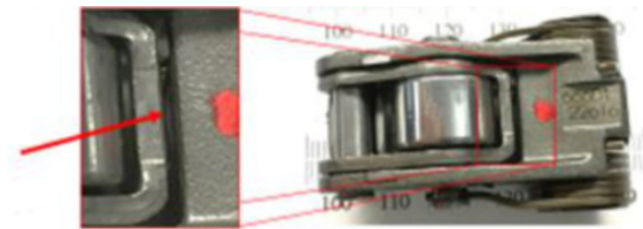
**Note:** Camshaft carrier assembly removal will be necessary to fully inspect the rockers and SRFFs.

⇒ Below are pictures of possible SRFF failures. If any one of the SRFFs are damaged, it will be necessary to replace all four on the affected cylinder.

3. Replace the stationary hydraulic lash adjuster's (SHLA's) and the damaged Switching Roller Finger Followers (SRFF) on the bank found to have the concern.



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4. If any of the conditions listed above have been verified, refer to the Service Procedure listed in SI for replacement of the Switching Roller Finger Followers (SRFF) and dual function stationary hydraulic lash adjusters for cylinder 5 or cylinder 2.

**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.

Version	3
Modified	Released September 28, 2022 Revised February 15, 2024 - Update XT5 Transmission RPO to LGX and Update the Condition and Information Sections. Revised June 04, 2024 - Added 2023 and 2024 to Applicable Vehicles.

