



Service Bulletin

Bulletin No.: 21-NA-139

Date: June, 2021

TECHNICAL

Subject: Malfunction Indicator Lamp (MIL) Illuminated – DTC P3055 Set

Brand:	Model:	Model Year:		VIN:		Engine:	Transmission:
		from	to	from	to		
Buick	Enclave	2017	2021	—	—	—	—
	LaCrosse	2017	2020				
	Regal	2018	2021				
Cadillac	CT6	2017	2019				
	XT4	2019	2021				
	XT5	2018	2021				
	XT6	2020	2021				
Chevrolet	Blazer	2019	2021				
	Cruze	2017	2021				
	Equinox	2018	2021				
	Malibu	2017	2021				
	Silverado 1500 (New Model)	2019	2019				
	Silverado 1500	2020	2021				
	Traverse	2018	2021				
GMC	Acadia	2018	2021				
	Sierra 1500 (New Model)	2019	2019				
	Sierra 1500	2020	2021				
	Terrain	2018	2021				
Holden	Acadia	2019	2020				

Involved Region or Country	North America, Brazil, Middle East, China, Australia/New Zealand
Additional Options (RPO)	Equipped with Stop/Start (RPO KL9)
Condition	Some customers may comment that the Stop/Start function is inoperative, and the MIL is illuminated. Some technicians may find DTC P3055 (DC/DC Converter Output Voltage 1 Performance) set in the Engine Control Module (ECM).
Cause	This concern may be caused by the DC/DC Module being mis-configured and Channel 1 doesn't boost properly.

Correction	<p>Refer to Document ID# 4773341: Circuit/System Verification/Testing.</p> <p>Verify a test lamp does not turn on between terminal 10 and ground:</p> <ul style="list-style-type: none"> • If the test lamp turns on, repair the short to voltage on circuit 2172. • If the test lamp does not turn on, remove all appropriate fuses supplied by circuit 2172. <p>Test for infinite resistance between Terminal 10 at the T19 Power Supply Transformer and ground:</p> <p>Note: A less than infinite reading can be caused by component circuits being shorted to another component within the harness or a slight chafe to grounds preventing a fuse to open.</p> <ul style="list-style-type: none"> • If less than infinite, repair the short to ground on the circuit. • If infinite resistance, replace the T19 Power Supply Transformer.
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Parts Information

Causal Part	Description	Part Number	Qty
X	CONVERTER, M/ FUNC PWR SPLY	13510484	1

Warranty Information

For vehicles repaired under the Bumper-to-Bumper coverage (Canada Base Warranty coverage), use the following labor operation. Reference the Applicable Warranties section of Investigate Vehicle History (IVH) for coverage information.

Labor Operation	Description	Labor Time
5080318*	Inspect For Mis-Configured DC/DC Converter	1.0 hr
*This is a unique Labor Operation for bulletin use only.		

Version	1
Modified	Released June 21, 2021

