



# Service Bulletin

Bulletin No.: 22-NA-030

Date: February, 2022

## TECHNICAL

**Subject:** Engine Over Heating, Possible Oil/Coolant Leak, Malfunction Indicator Lamp (MIL) May or May Not be Illuminated

Brand:	Model:	Model Year:		VIN:		Engine:	Transmission:
		from	to				
Buick	Enclave	2021	2021	5GAEVBKWXMJ263733	5GAEVCKW1MJ262833	LFY	
Chevrolet	Traverse			1GNEVGKWXMJ268224	1GNEVKKW9MJ268217		

<b>Involved Region or Country</b>	United States
<b>Condition</b>	<p>Some customers may comment on one or more of the following conditions:</p> <ul style="list-style-type: none"> <li>• Engine overheating with a MIL illuminated</li> <li>• Coolant or Oil leaking from the LH cylinder head and head gasket</li> <li>• Coolant or Oil showing discoloration and a thick milky look in coolant reservoir or oil pan</li> <li>• Exhaust showing thick white smoke and having a coolant smell</li> </ul>
<b>Cause</b>	<p>This condition may be caused by engine blocks from the 4 VIN's listed above may have the LH deck flatness out of specification. This may cause a poor seal with the cylinder head gasket around the # 6 cylinder bore.</p>
<b>Correction</b>	<div style="text-align: center;"> </div> <p style="text-align: right;">5979480</p> <ol style="list-style-type: none"> <li>1. Area of concern.</li> <li>2. Good Machined Surface Cut</li> <li>3. Visual Difference in the Bad Machined Surface Cut</li> </ol> <p>Follow the Service Procedure to verify the condition of the cylinder head.</p>

## Service Procedure

1. Follow the test procedures below to verify that you have one of the conditions above:
  - *Engine Compression Test* in the Service Manual
  - *Cylinder Leakage Test* in the Service Manual
  - *Cooling System Leak Testing* in the Service Manual
2. Replace the engine assembly if any of the conditions have been confirmed, refer to *Engine Replacement* in the Service Manual in SI.
3. If no issue has not been found, refer to SI and continue to diagnose the concern.

## Parts Information

Causal Part	Description	Part Number	Qty
N/A	ASSEMBLY, ENGINE	12684120	1

## Warranty Information

For vehicles repaired under warranty, use:

Labor Operation	Description	Labor Time
4067490	Engine Replacement	Use the Published Labor Operations Time

Version	1
Modified	Released February 09, 2022

