



# Service Bulletin


Bulletin No.: 21-NA-005

Date: July, 2023

## TECHNICAL

**Subject: Service Safety Restraint Message Displayed on the Driver Information Center (DIC), Airbag Malfunction Warning and Airbag Malfunction Indicator Lamp (MIL) Illuminated - DTC B0001-1B and/or B0002-1B Set or B0012-OD and/or B0013-OD Set**

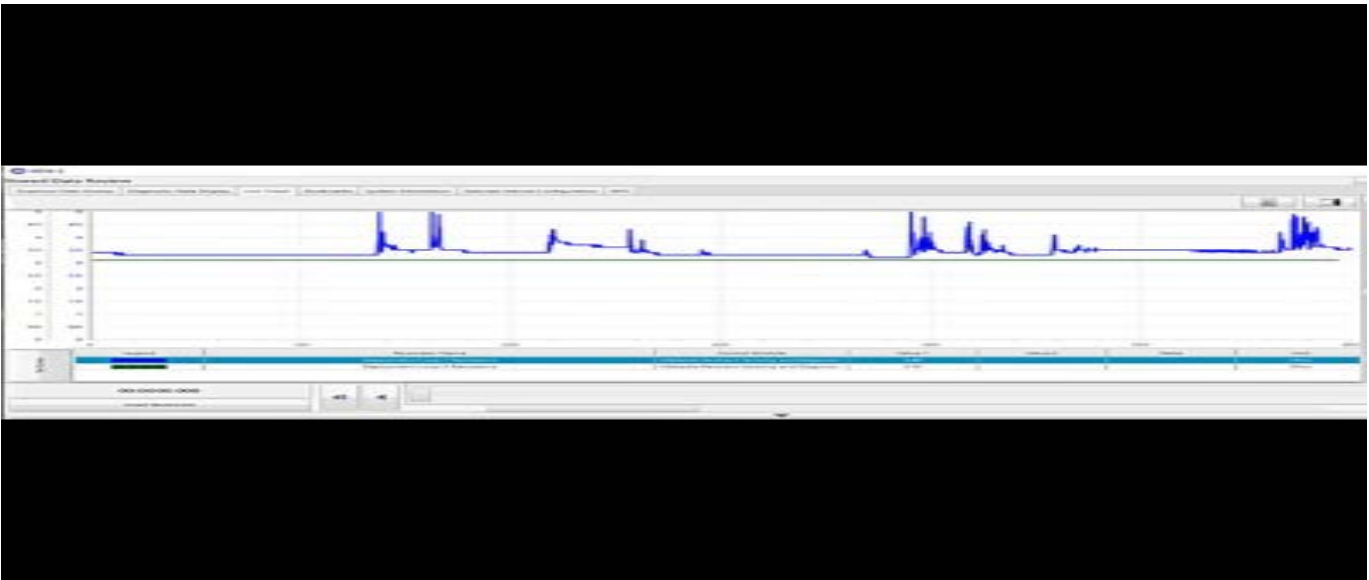
Brand:	Model:	Model Year:		Breakpoint:		Engine:	Transmission:
		from	to	from	to		
Cadillac	Escalade Models		2023				
Chevrolet	Blazer	2020	2023			All	All
	Silverado 1500		2021				
	Silverado 1500 - 2WD LTD (RPO J21, VIN Digit 5 = W/Y)		2022	2022			
	Silverado 1500 - 2WD New (RPO J22, VIN Digit 5 = A/D)						
	Silverado 1500	2020	2023				
	Silverado 2500HD/3500HD		2024				
	Suburban		2023				
	Tahoe						
Acadia	2023						
GMC	Sierra 1500	2022	2021				
	Sierra 1500 - 2WD Limited (RPO J21, VIN Digit 5 = 8/9)		2022	2022			
	Sierra 1500 - 2WD New (RPO J22, VIN Digit 5 = H/U)						
	Sierra 1500	2020	2023				
	Sierra 2500HD/3500HD		2024				
	Yukon Models		2023				

<p><b>Involved Region or Country</b></p>	<p>United States, Canada, Mexico, Middle East, Israel, Australia, New Zealand, Thailand, S. Korea, Japan, Palestine, Russia, Uzbekistan, Chile, Columbia, Ecuador, Paraguay, Peru and Uruguay.</p>
<p><b>Condition</b></p>	<p>Some customers may comment on one or more of the following conditions:</p> <ul style="list-style-type: none"> <li>• Service Safety Restraint Message displayed on the DIC</li> <li>• Airbag malfunction indicator illuminated</li> </ul> <p>During diagnosis, a technician may find DTC B0001-1B and/or B0002-1B set or B0012-OD and/or B0013-OD set (depends on the vehicle model).</p>
<p><b>Cause</b></p>	<div style="text-align: center;">  </div> <p style="text-align: right;">5704083</p> <p>Cause of condition may be rust particles, or other contaminants trapped within connection terminal interface causing excessive resistance seen in the airbag loops.</p>
<p><b>Correction</b></p>	<p>In order to correct the condition, the following steps in the Service Procedure below must be followed to ensure proper root cause.</p>

**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**

1. Use a MDI tool and plug it into the (ADL) to show a profile of the resistances.



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2. Move the airbag cover both up and down, as well as left to right, to confirm if resistance spikes are observed:
  - If resistance spikes are seen. Replace the steering wheel airbag and steering wheel harness. Refer to *Steering Wheel Airbag Replacement* in SI.
  - If resistance spikes are not seen (resistance is stable).
    - Move to Step 3.
3. Rotate steering wheel from lock to lock position to confirm if resistance spikes are observed:
  - **A)** — First time around, if resistance spikes occur, Pull airbag out and ensure all connections are fully seated and CPA is engaged. (i.e. Airbag connectors and yellow clock-spring connector)
  - If all connectors are not fully seated, re-seat connectors and repeat beginning of step 3 and skip 3A.
  - **B)** — Disconnect and reconnect the airbag, then repeat lock to lock steering wheel rotation test.
  - If resistance spikes go away (resistance is stable), replace airbag and steering wheel harness.

## Parts Information

Use the VIN and refer to the GM Electronic Parts Catalog (EPC) to determine the proper part number to order.

## Warranty Information

For vehicles repaired under warranty, use:

Labor Operation	Description	Labor Time
6450380	Steering Wheel Airbag and Harness Replacement	Use the Published Labor Operations Time

Version	5
<b>Modified</b>	<p>Released March 18, 2021</p> <p>Revised August 13, 2021 — Update Breakpoints and diagnosis procedure and Regions.</p> <p>Revised December 13, 2021 – Added 2020 – 2021 Blazer and Acadia.</p> <p>Revised February 21, 2022 - Update Subject, Service Procedure section and Warranty Information section.</p> <p>Revised June 29, 2023 - Added 2023 and 2024 to the Applicable vehicles.</p>

Additional SI Keywords: rust, SIR

