



U.S. Department  
of Transportation

**National Highway  
Traffic Safety  
Administration**

# ODI RESUME

**Investigation:** PE 21-010  
**Date Opened:** 04/09/2021  
**Investigator:** Kevin Miller **Reviewer:** Tanya Topka  
**Approver:** Stephen Ridella  
**Subject:** Air bag malfunction

## MANUFACTURER & PRODUCT INFORMATION

**Manufacturer:** General Motors, LLC  
**Products:** 2020-2021 Cadillac, Chevrolet, GMC SUVs & Pick up trucks  
**Population:** 749,312 (Estimated)  
**Problem Description:** Air bag malfunction indicator (MIL) illumination accompanied by diagnostic trouble codes B0001-1B or B0012-0D may result in a loss of air bag protection for the driver.

## FAILURE REPORT SUMMARY

	ODI	Manufacturer	Total
<b>Complaints:</b>	15	TBD	TBD
<b>Crashes/Fires:</b>	6	TBD	TBD
<b>Injury Incidents:</b>	6	TBD	TBD
<b>Number of Injuries:</b>	8	TBD	TBD
<b>Fatality Incidents:</b>	0	TBD	TBD
<b>Number of Fatalities:</b>	0	TBD	TBD
<b>Other*:</b>	8	Confidential	Confidential

\*Description of Other: TREAD field reports

## ACTION / SUMMARY INFORMATION

**Action:** Open this preliminary evaluation (PE)

### Summary:

The Office of Defects Investigation (ODI) has received fifteen consumer complaints on alleged air bag system malfunctions on certain General Motors (GM) vehicles. Nine of the consumer complaints allege the illumination of an air bag malfunction indicator (MIL). Six crash incidents have significant frontal collision damage where driver frontal air bags failed to deploy. Additionally, all the complaints received by ODI involve either GM vehicles (Model Years 2020 and 2021 Silverado, Sierra, Tahoe, Suburban, Yukon, Yukon XL, Escalade, and Escalade ESV) covered by GM Technical Service Bulletin (TSB) 21-NA-005 or CT4, CT5, and XT4 vehicles.

The TSB, issued in March 2021, addresses air bag MIL illumination accompanied by diagnostic trouble codes B0001-1B or B0012-0D. It also cites rust particles in the connection terminal interface of the driver air bag inflator as the cause of the air bag MIL illumination. Illumination of the air bag MIL under these circumstances may result in a non-deployment of the driver airbag during a frontal collision and increased risk of injury to the driver.

ODI is opening this preliminary investigation to determine the scope and severity of the potential problem and to fully assess the potential safety-related issues.

The ODI reports cited above are available for review at NHTSA.gov under the following identification numbers: 11339175, 11343883, 11360339, 11361893, 11362218, 11362839, 11363479, 11363644, 11374129, 11376429, 11384282, 11385267, 11385428, 11390093, 11395340.