



U.S. Department
of Transportation
**National
Highway
Traffic Safety
Administration**

ODI RESUME

OFFICE OF DEFECTS INVESTIGATION

Investigation: EA25007

Prompted By: PE25001

Date Opened: 10/23/2025

Investigator: Steve Perry

Reviewer: Sharon Yukevich

Approver: Tanya Topka

Subject: Loss of motive power due to engine failure

MANUFACTURER & PRODUCT INFORMATION

Manufacturer: General Motors, LLC

Products: 2019-2021, 2024 Chevrolet Silverado 1500 2019-2021, 2024 GMC Sierra 1500 2021, 2024 Chevrolet Suburban 2021, 2024 Chevrolet Tahoe 2021, 2024 GMC Yukon 2021, 2024 GMC Yukon XL 2021, 2024 Cadillac Escalade 2021, 2024 Cadillac Escalade ESV

Population: 286,051

Problem Description: Engine failure resulting from connecting rod bearing failure

FAILURE REPORT SUMMARY

	ODI	Manufacturer	EWR D&I	Other	Total	EWR Field Reports
All Incidents:	173	5,336	0	0	3,315 *	CONF
Crashes/Fires:	1	4	0	0	5	0
Injury Incidents:	0	0	0	0	0	0
Fatality Incidents:	0	0	0	0	0	0

*Total eliminates duplicates received by the manufacturer

ACTION/SUMMARY INFORMATION

Action: Open this Engineering Analysis

Summary:

The Office of Defects Investigation (ODI) has received 1,157 reports of engine bearing failure failures in the L87 6.2L engine produced by General Motors (GM). Of the 1,157 reports received, 173 are outside of the scope of recall 25V-274. These engines are installed in Model Years (MY) 2019-2024 Chevrolet Silverado 1500 and GMC Sierra 1500, and 2021-2024MY Chevrolet Suburban and Tahoe, GMC Yukon/Yukon XL, and Cadillac Escalade/Escalade ESV vehicles.

The subject engine failures were investigated as part of a Preliminary Evaluation (PE25001). GM determined that these engine failures were due to multiple supplier manufacturing and quality issues. GM issued recall 25V-274 to address the supplier manufacturing and quality issues produced between March 1, 2021, and May 31, 2024. Based on the issuance of recall 25V-274, NHTSA has closed PE25001.

ODI continues to receive a significant number of reports of engine failure in vehicles outside the scope of 25V-274. This presents a potential safety risk that warrants further investigation. ODI is opening this Engineering Analysis (EA) to further evaluate the scope and severity of the potential problem and to fully assess the potential safety-related issues of vehicles built outside the recall scope.

To review the ODI reports cited in the Opening Resume ODI Report Identification Number document, go to [NHTSA.gov](https://www.nhtsa.gov).