



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

OFFICE OF DEFECTS INVESTIGATION

ODI RESUME

Investigation: PE25011

Prompted By: VOQ review

Date Opened: 09/22/2025

Investigator: Arnaldo Torres Diaz **Reviewer:** Bruce York

Approver: Tanya Topka

Subject: Rivian EDV Seat Belt Anchor Detachment

MANUFACTURER & PRODUCT INFORMATION

Manufacturer: Rivian Automotive, LLC

Products: 2022-2023 Rivian EDV

Population: 17,198 (Estimated)

Problem Description: Potential failures of the driver's front outboard seat belt anchorage system. The seat belt anchorage system comprising steel braided cable that frays, breaks and/or unravels, leaving the occupants unrestrained in the event of a collision.

FAILURE REPORT SUMMARY

	ODI	Manufacturer	EWR D&I	Other	Total	EWR Field Reports
All Incidents:	6	0	0	0	6	0
Crashes/Fires:	0	0	0	0	0	0
Injury Incidents:	0	0	0	0	0	0
Fatality Incidents:	0	0	0	0	0	0

ACTION/SUMMARY INFORMATION

Action: Open this Preliminary Evaluation.

Summary:

The Office of Defects Investigation (ODI) is opening this Preliminary Evaluation (PE) to assess allegations of seat belt performance concerns in certain Rivian Electric Delivery Van (EDV) vehicles. The subject vehicle population consists of approximately 17,198 Rivian EDV units produced between 2022 and 2023.

ODI has received 6 Vehicle Owner Questionnaires (VOQ) reporting potential failures of the driver's front outboard seat belt anchorage system. The anchorage system comprises a steel-braided cable connected to the seat frame to support the seat belt webbing that secures the occupant in place. VOQs describe multiple instances in which the seat belt steel braided cable frays, breaks

and/or unravels, leaving the occupants unrestrained in the event of a collision. Additionally, a frayed cable can weaken the designed seat belt load capacity. A seat belt system that fails to restrain an occupant during a crash or sudden stop presents an unreasonable risk to motor vehicle safety. ODI's investigation will focus on the integrity of the seat belt assembly, installation method, and potential design/manufacturing changes and deficiencies.

ODI is opening this PE to better understand the frequency, severity and scope of the alleged condition. To review the ODI reports cited in the Opening Resume ODI Report Identification Number document, go to [NHTSA.gov](https://www.nhtsa.gov).