



U.S. Department
of Transportation

National Highway
Traffic Safety
Administration

Part 573 Safety Recall Report

25V332

Manufacturer Name: Volvo Trucks North America

Submission Date: May 21, 2025

NHTSA Recall No.: 25V332

Manufacturer Recall No.: RVXX2505

Manufacturer Information

Population

Manufacturer Name: Volvo Trucks North America

Address: 7900 National Service Road
Greensboro NC, 27409

Total number of potentially involved: 224

Estimated percentage with defect: 100%

Vehicle Information

Vehicle 1: 2025-9999 VOLVO VN

Product Category: Buses, Medium & Heavy Vehicles

Product Type:

Fuel / Propulsion: Compression Ignition Fuel

Production Dates: Mar 04, 2024 - Apr 21, 2025

Number of potentially involved: 224

Descriptive Information:

Certain Volvo Heavy Duty trucks (VNL) built with a specific combination of power cables and routings of the 12V positive cables with 48 V negative ground stud. Volvo, VN, 2025-2026.

Defect / Noncompliance Description

Description of the defect or noncompliance:

Certain Volvo Heavy Duty vehicles may have been built with a specific arrangement of power cables where the 12-volt positive can encounter the 48-volt negative terminal and potentially cause chaffing and or then short. If the battery cables rub on the terminal, there is the risk of an electrical short that may disable power to the engine or create a risk of a fire.

FMVSS1:

FMVSS2:

Description of the safety risk, including crash, fire, death, injury:

If the battery cables rubs on the terminal there is the risk of an electrical short which may disable power to the engine or create the risk of fire.

Part 573 Safety Recall Report

25V332

Description of the cause:

Insufficient routing and clipping clearances.

Identification of any warning that can occur:

There may be electrical system faults which could indicate an issue.

Component Manufacturer

Tier of Supplier:

Supplier Type: OEM

Name: Volvo

Address: 7825 National Service Rd.
Greensboro NC, 27409

Country: United States

Involved Components

Component Name 1: Bracket

Component Description: Cable Routing 48V

Component Part Number: 24790031

Chronology

March 28, 2025 Volvo Field Organization is informed of an issue where power cable routing has resulted in a electrical fire on a vehicle

March 31, 2025 Product Safety is notified of the potential issue and a product safety investigation is opened.

May 5, 2025 Product Safety Evaluation Committee meets and reviews the findings from the field and our factory information and recommends that this be escalated to Product Safety Committee as a potential product safety defect .

May 14 , 2025 Product Safety Committee meets and determines that a safety defect exists and a recall will be conducted.

May 21 , 2025 Product safety defect 573/DIR filed with NHTSA.

There has been one warranty claim and one field report and no accidents or injuries reported with this issue.

Part 573 Safety Recall Report

25V332

Related NHTSA Recall Number:

Description of Remedy

Remedy Type: Repair

Consumer Advisories: ☐ Do Not Drive ☐ Park Outside

Description of remedy program:

Vehicles will be recalled and the power cables will be re-routed to ensure proper clearance and routing between the cables.

How remedy component differs from recalled component:

The power cables will be routed and clipped differently than the recalled trucks ensuring that proper clearance is met. 24790031, Bracket , Cable Routing 48V.

Identify how/when recall condition was corrected in production:

Any vehicles under our control which were impacted were put on hold and corrected. May 14, 2025

Reimbursement Plan

Manufacturer used general reimbursement plan on file.

Recall Schedule

Description of recall schedule:

Dealer notification will begin on or before May 26, 2025 and owner notification will begin on or before July 18, 2025

Planned Dealer Notification Date: May 26, 2025 - May 26, 2025 ☐ No Dealers

Planned Interim Owner Notification Date: ☐ No Owners

Planned Remedy Owner Notification Date: Jul 18, 2025 - Jul 18, 2025 ☐ Phased Recall

Date when VIN will be searchable: May 26, 2025