



U.S. Department  
of Transportation

National Highway  
Traffic Safety  
Administration

## Part 573 Safety Recall Report

## 25V332

**Manufacturer Name:** Volvo Trucks North America

**Submission Date:** Jun 06, 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:** 228

**Estimated percentage with defect:** 100%

### Vehicle Information

**Vehicle 1:** 2025-9999 VOLVO VN

**Product Category:**

**Product Type:**

**Fuel / Propulsion:** Compression Ignition Fuel

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

**Number of potentially involved:** 228

**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.

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**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.

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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