

Part 573 Safety Recall Report

25V-214

Manufacturer Name : Volvo Trucks North America

Submission Date : APR 08, 2025

NHTSA Recall No. : 25V-214

Manufacturer Recall No. : RVXX2503



Manufacturer Information :

Manufacturer Name : Volvo Trucks North America

Address : 7900 National Service Road
Greensboro NC 27409

Company phone : 800 528 6586

Population :

Number of potentially involved : 5,257

Estimated percentage with defect : 2 %

Vehicle Information :

Vehicle 1 : 2023-2026 Volvo New VN

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : Certain Volvo New VN built with a specific VMCU (Vehicle Master Control Unit) software. Volvo, New VN, MY2023, 2024, 2025, 2026

Production Dates : JAN 10, 2022 - MAR 26, 2025

VIN Range 1 : Begin : 4V4BC9EJ8PN604774 End : 4V4BC9EH6TN701365 ☒ Not sequential

Description of Noncompliance :

Description of the Noncompliance : Certain Volvo New VN vehicles could have hazard warning switch back lighting intermittently in-operative during operation (of the vehicle), not meeting the requirements of FMVSS 101 S5.3.1 (a). This impacts the backlighting of the switch and not the function of the switch.

FMVSS 1 : 101 - Control and displays

FMVSS 2 : NR

Description of the Safety Risk : If the hazard switch back lighting becomes in-operative in use, the driver may not be able to locate the switch in a low light condition in the cab of the truck. This could increase the the risk of a crash causing injury and/or damage to property.

Description of the Cause : Transient voltage spike, intermittently trips overcurrent protection in the hazard switch lighting circuit.

Identification of Any Warning that can Occur : There are no warnings associated with this non-compliance.

Involved Components :

Component Name 1 : CONTROL UNIT

Component Description : VMCU 2

Component Part Number : 23685627

Supplier Identification :

Component Manufacturer

Name : Volvo Trucks

Address : 7825 National Service Rd.
Greensboro North Carolina 27409-9667

Country : United States

Chronology :

February 11, 2025 Volvo engineering identifies an elevated diagnostic trouble code count from vehicle monitoring and initiates engineering investigation.

February 19, 2025 Product Safety and Compliance is notified of the potential issue and a product safety investigation is opened.

March 27, 2025 Product Compliance Committee meets and reviews the findings from engineering and product certification team and recommends that this be escalated to Product Safety Committee as a potential product non-compliance.

March 31, 2025 Product Safety Committee meets and determines that a product non-compliance to FMVSS 101 S5.3.1(a) exists and a recall will be conducted.

April 7, 2025 Product non-compliance DIR filed with NHTSA.

There have been no warranty claims, field reports, accidents or injuries reported with this issue.

Description of Remedy :

Description of Remedy Program :	Vehicles will be recalled and vehicle VMCU (Vehicle Master Control Unit) software update will be installed.
	Reimbursement for the recall will be covered by Manufacturer's Reimbursement Plan on file with NHTSA.
How Remedy Component Differs from Recalled Component :	The new software will ensure that the back lighting of the switch stays operational. 23685627, CONTROL UNIT,VMCU 2.
Identify How/When Recall Condition was Corrected in Production :	Any vehicles under our control which are impacted have been put on hold until corrected software is installed. April 1, 2025

Recall Schedule :

Description of Recall Schedule :	Dealer notification will begin on or before April 11, 2025 and owner notification will begin on or before June 1, 2025
Planned Dealer Notification Date :	APR 11, 2025 - APR 11, 2025
Planned Owner Notification Date :	JUN 01, 2025 - JUN 01, 2025

* NR - Not Reported