U.S. Department of Transportation

National Highway Traffic Safety Administration

Part 573 Safety Recall Report 26V350

Manufacturer Name: Volvo Trucks North America
Submission Date: May 28, 2026
NHTSA Recall No.: 26V350
Manufacturer Recall No.: RVXX2606

Manufacturer Information

Manufacturer Name: Volvo Trucks North America
Address: 7900 National Service Road
Greensboro NC, 27409

Population

Total number of potentially involved: 155
Estimated percentage with defect: 2.5%

Vehicle Information

Vehicle 1: 2026-2026 VOLVO VAH
Product Category: Buses, Medium & Heavy Vehicles
Product Type: Tractor
Fuel / Propulsion: Compression Ignition Fuel
Production Dates: Jun 16, 2025 - May 21, 2026
Number of potentially involved: 1
Descriptive Information:
Torque angles and traces were evaluated on all trucks from start of production for masking material.
Masking material changes the joint from a hard joint to a soft joint.
This can be observed in the torque curves when by displaying slow application to final torque.

Vehicle 2: 2027-2027 VOLVO VNR (4)
Product Category: Buses, Medium & Heavy Vehicles
Product Type: Tractor
Fuel / Propulsion: Compression Ignition Fuel
Production Dates: Jun 16, 2025 - May 21, 2026
Number of potentially involved: 3
Descriptive Information:
Torque angles and traces were evaluated on all trucks from start of production for masking material.
Masking material changes the joint from a hard joint to a soft joint.

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This can be observed in the torque curves when by displaying slow application to final torque.

Vehicle 3: 2026-2027 VOLVO VN
Product Category: Buses, Medium & Heavy Vehicles
Product Type: Tractor
Fuel / Propulsion: Compression Ignition Fuel
Production Dates: Jun 16, 2025 - May 21, 2026
Number of potentially involved: 43
Descriptive Information:
Torque angles and traces were evaluated on all trucks from start of production for masking material.
Masking material changes the joint from a hard joint to a soft joint.
This can be observed in the torque curves when by displaying slow application to final torque.

Vehicle 4: 2026-2027 VOLVO VHD
Product Category: Buses, Medium & Heavy Vehicles
Product Type: Tractor
Fuel / Propulsion: Compression Ignition Fuel
Production Dates: Jun 16, 2025 - May 21, 2026
Number of potentially involved: 38
Descriptive Information:
Torque angles and traces were evaluated on all trucks from start of production for masking material.
Masking material changes the joint from a hard joint to a soft joint.
This can be observed in the torque curves when by displaying slow application to final torque.

Vehicle 5: 2026-2027 VOLVO VNL (4)
Product Category: Buses, Medium & Heavy Vehicles
Product Type: Tractor
Fuel / Propulsion: Compression Ignition Fuel
Production Dates: Jun 16, 2025 - May 21, 2026
Number of potentially involved: 70
Descriptive Information:
Torque angles and traces were evaluated on all trucks from start of production for masking material.
Masking material changes the joint from a hard joint to a soft joint.

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This can be observed in the torque curves when by displaying slow application to final torque.

Defect / Noncompliance Description

Description of the defect or noncompliance:

Certain MY 2026-2027 Volvo VN, VNL(4), VNR(4), VHD, and VAH vehicles may have masking material from a painting process present between the wheels and axle hubs. This may cause the wheel lug nuts to loosen as the material compresses.

FMVSS1:

FMVSS2:

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

A wheel and tire assembly that detaches from a vehicle while driving may lead to loss of vehicle control or create a hazard to other road users, increasing the risk of a crash or injury.

Description of the cause:

Masking material was not removed after painting process. Operators did not visually recognize the error due to the material and hub having the same outer profile. Wheels were improperly installed with masking between mating surfaces, causing material compression which leads to a loss of torque on the wheel lug nuts.

Identification of any warning that can occur:

None

Component Manufacturer

Tier of Supplier:

Supplier Type:

Name:

Address:

Country:

Involved Components

Component Name 1: Wheel Nuts

Component Description: Connection between wheel and axle flange

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Component Part Number: 21807998

Chronology

October 18, 2025: Product Safety Office opens a product safety related issue investigation on initial warranty claim
November 13, 2025: Product Safety Evaluation Committee review (1), committee requested additional vehicle inspections
January 12, 2026: Product Safety Evaluation Committee review (2), progress update provided to committee
January 22, 2026: Safety Office opens new product safety related issue investigation on two new warranty claims (not determined related at the time)
January 26, 2026: Product Safety Evaluation Committee review (3), all inspections show no masking present, decision to continue monitoring builds for 6 months
March 05, 2026: Masking presence confirmed on both new claim vehicles; safety investigations merged
April 06, 2026: Product Safety Evaluation Committee review (1), committee requested information from 3rd party supplier
May 04, 2026: Product Safety Evaluation Committee review (2), committee requested additional testing to support risk identification methodology
May 13, 2026: Product Safety Evaluation Committee review (3), decision to escalate to Product Safety Committee
May 21, 2026: Product Safety Committee determines that a product safety defect exists and decides to initiate a recall

There have been 4 warranty claims, 0 field reports, 0 accidents or 0 injuries reported with this issue.

Related NHTSA Recall Number:

Description of Remedy

Remedy Type: Inspect, Repair

Consumer Advisories: ☑ Do Not Drive ☐ Park Outside

Description of remedy program:

Owners will be sent advance notice not to operate their affected vehicle(s) until the remedy is performed. When the remedy is performed, all wheel and hub mating surfaces will be inspected and if any masking material is found the material will be removed. If masking material is found wheel end components will be inspected and any worn parts will be replaced.
Customers will be reimbursed for repair as necessary.

How remedy component differs from recalled component:

Remedy conditions will not have masking material between wheel and hub mounting surfaces.

Identify how/when recall condition was corrected in production:

Starting May 21, 2026, a new masking was rolled out in production that has a larger outer profile,

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exceeding the wheel hub size. The new masking also is a different shape (square) to further differentiate it from the hub assembly.

Reimbursement Plan

Manufacturer used general reimbursement plan on file.

Recall Schedule

Description of recall schedule:

Dealers will be notified on or before May 29
Owners will be notified on or before May 29

Planned Dealer Notification Date: May 29, 2026 - Jun 05, 2026 ☐ No Dealers

Planned Interim Owner Notification Date: ☐ No Owners

Planned Remedy Owner Notification Date: May 29, 2026 - Jun 05, 2026 ☐ Phased Recall

Date when VIN will be searchable: May 29, 2026