

Part 573 Safety Recall Report

23V-441

Manufacturer Name : Volvo Trucks North America**Submission Date :** JUN 23, 2023**NHTSA Recall No. :** 23V-441**Manufacturer Recall No. :** RVXX2307**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 : 224

Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2023-2024 Volvo VN, VHD, VAH

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : Certain 2023 and 2024 VN, VHD and VAH models manufactured from May 17, 2022 through May 26, 2023. The basis of the recall population is temporary gear installation and replacement prior to delivery. The number of affected vehicles is 224.

Production Dates : MAY 17, 2022 - MAY 23, 2023

VIN Range 1 : Begin : 4V5KC9EH5PN617250 End : 4V4NC9TG7RN632752 Not sequential**Description of Defect :**

Description of the Defect : The steering gear fasteners may not be torqued to specification.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Under-torqued fasteners can result in loss of clamp load, which may affect the steering and potentially cause loss of vehicle control. There have been no reports of accidents or loss of vehicle control associated with this condition.

Description of the Cause : Manufacturing issue. Temporary gears were installed by main production line due to parts shortage and then replaced by final repair when the correct gear was received. Final repair assembly torque may not be to specification.

Identification of Any Warning that can Occur : Loose fasteners are detectable during visual inspection, driver alignment and the driver may be able to discern that there is an issue felt in the steering/handling of the vehicle.

Involved Components :

Component Name 1 : Steering Gear

Component Description : Fasteners

Component Part Number : 20447236

Supplier Identification :

Component Manufacturer

Name : Volvo

Address : NR

NR

Country : NR

Chronology :

March 1 , 2023 Volvo Reliability Engineering reports that they have a report of a steering gear loose in the field and Product Safety opens an investigation. Inspection of other field units and factory torque records is initiated.

May 26, 2023 During the investigation a second unit is identified and field investigation expanded.

June 15, 2023, During the investigation a third unit is identified.

June 19, 2023 Product Safety Working Group reviews product safety investigation results and recommends that this be brought to Product Safety Committee as a potential product safety defect.

June 19, 2023 The Product Safety Committee meets and decides that a product safety defect exists.

June 23, 2023 573 Report filed with NHTSA

There have been 4 field reports and no accidents or injuries reported with this issue.

Description of Remedy :

Description of Remedy Program : The steering gear fasteners will be tightened to specification
Reimbursement for the recall will be covered by Manufacturer's Reimbursement Plan on file with NHTSA.

How Remedy Component Differs from Recalled Component : The remedy component fasteners will be properly tightened to specification. Steering gear, fasteners, 20447236

Identify How/When Recall Condition was Corrected in Production : All vehicles impacted put on hold until corrected, Vehicles on hold will be corrected before being released.
Production was corrected on May 23, 2023

Recall Schedule :

Description of Recall Schedule : Dealer notification will begin on June 29, 2023 and owner notification will begin on or before August 18, 2023
Planned Dealer Notification Date : JUN 29, 2023 - JUN 29, 2023
Planned Owner Notification Date : AUG 18, 2023 - AUG 18, 2023

* NR - Not Reported