

Part 573 Safety Recall Report

20V-384

Manufacturer Name : Volvo Trucks North America**Submission Date :** JUL 01, 2020**NHTSA Recall No. :** 20V-384**Manufacturer Recall No. :** RVXX2002**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 : 89

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2018-2021 Volvo VNL, VNR

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : Certain 2018 - 2021 VNL and VNR model vehicles manufactured from October 13, 2017 through March 27, 2020 with CONMET alum drive hubs, combined with wheel offset.

Production Dates : OCT 13, 2017 - MAR 27, 2020

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

Description of the Defect : The Gross Axle Weight Rating (GAWR) for the rear drive axles as stated on the certification label exceeds the rating of the hubs considering the offset.

FMVSS 1 : 567 - Certification

FMVSS 2 : NR

Description of the Safety Risk : Exceeding the rating of the hubs may lead to premature failure over time, which may result in loss of parts on the road. Parts on the road can be a hazard to other road users and result in personal injury or a vehicle crash.

Volvo has not received reports of personal injuries or vehicle crashes associated with this condition. Volvo is taking this voluntary proactive measure to protect our customers, their employees, and all road users. .

Description of the Cause : An error in the GAWR calculation tool, which failed to derate the rating based on the offset.

Identification of Any Warning that can Occur : Hub inspection is required periodically, which may result in early identification of an issue . Also, the ABS lamp would come on when the sensor loses contact with the tone ring if the hub starts to separate.

Involved Components :

Component Name 1 : NR

Component Description : NR

Component Part Number : NR

Supplier Identification :**Component Manufacturer**

Name : NR

Address : NR

NR

Country : NR

Chronology :

June 5, 2020 Issue identified by Volvo's Vehicle Engineering Department

June 15, 2020 issue reported to Volvo Group North America's Regulatory Affairs department. Investigation opened

June 25, 2020 Product Safety Committee meets and determines that a safety related defect exists.

July 1, 2020 Volvo informs NHTSA of the defect and advises that a voluntary safety recall will be performed to address the affected vehicles.

There are no warranty claims, customer complaints, field reports, property damage claims, or notices of injury or death associated with this defect.

Description of Remedy :

Description of Remedy Program : New certification labels (49CFR567) will be provided to the owners of the vehicles, which states the correct GAWR for the drive axles. Volvo does not expect pre-notice remedy claims; however, if they are submitted, Volvo will address these according to the pre-notice reimbursement plan on file with NHTSA.

How Remedy Component Differs from Recalled Component : The certification label states the correct GAWR.

Identify How/When Recall Condition was Corrected in Production : Restrictions were put in place on June 5, 2020

Recall Schedule :

Description of Recall Schedule : A safety recall alert will be released to dealers by July 8, 2020. Owner notification letters will be mailed on or before August 31, 2020.

Planned Dealer Notification Date : JUL 08, 2020 - JUL 08, 2020

Planned Owner Notification Date : AUG 31, 2020 - AUG 31, 2020

* NR - Not Reported