

Part 573 Safety Recall Report

21V-417

Manufacturer Name : Volvo Trucks North America**Submission Date :** APR 19, 2023**NHTSA Recall No. :** 21V-417**Manufacturer Recall No. :** RVXX 2102**Manufacturer Information :****Population :**

Manufacturer Name : Volvo Trucks North America

Number of potentially involved : 1,050

Address : 7900 National Service Road

Estimated percentage with defect : 100 %

Greensboro NC 27409

Company phone : 800 528 6586

Vehicle Information :

Vehicle 1 : 2021-2022 Volvo VAH/VHD/VNL/VNR

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : Population of vehicles shipped with proprietary hub covers. This would include some electric vehicles however cannot select for different powertrains.

Production Dates : SEP 08, 2020 - MAY 10, 2021

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential**Description of Defect :**

Description of the Defect : Hubcap compression spring insufficient retention force between hub cap and lug nuts.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Hubcap may come off while truck is being driven which results in a risk of injury to pedestrians as well as other drivers.

Description of the Cause : Pull off force insufficient for application

Identification of Any Warning : NR
that can Occur :

Involved Components :

Component Name 1 : Hub Cap, Kit

Component Description : Decorative wheel hub covers

Component Part Number : 23768770, 23768767, 23768768, 23768771, 23768775, 2376877

Supplier Identification :

Component Manufacturer

Name : American Chrome

Address : 518 W Crossroads Pkwy
Bolingbrook Illinois 60440

Country : United States

Chronology :

April 22 2021, Volvo Reliability Engineering receives a report on wheel hub covers coming off vehicle. April 22 2021 PSWG Investigation Opened, May 13 2021, Hub covers are no longer shipped from our factory with our vehicles (Containment activity). May 17 2021 Product Safety Working Group Reviews findings of investigation and field reports, decision made to raise to Product Safety Committee. May 27 2021 Volvo Product Safety Committee determines a safety related defect. June 2 2021 Volvo notifies NHTSA that a voluntary recall will performed to address this issue. We have nineteen warranty claims associated with this issue.

Description of Remedy :

Description of Remedy Program : Recall actions will be to have customers bring vehicles to dealers/ authorized service centers and have the hub cover removed. The removal of the hub covers is the remedy as it removes the safety hazard. When an appropriate solution is available, those customers will then be notified under a separate campaign (service program) will be used to address the hub cover replacement.

Pre-notification remedies will be addressed under existing processes on file with NHTSA.

How Remedy Component Differs from Recalled Component : Re-design of hub covers to ensure proper retention force, new part numbers have not been released yet.

Identify How/When Recall Condition was Corrected in Production : May 13 2021 vehicles were no longer being shipped from our manufacturing facilities with these hub covers and parts in our after market were restricted from use. Dealer Service news published to inform dealers to no longer install any hub covers.

Recall Schedule :

Description of Recall Schedule : Dealer notification will occur on or before June 19, 2021 and Owner notification will occur on or before July 23, 2021.
Planned Dealer Notification Date : JUN 19, 2021 - JUN 19, 2021
Planned Owner Notification Date : JUL 23, 2021 - JUL 23, 2021

* NR - Not Reported