

Part 573 Safety Recall Report

21V-098

Manufacturer Name : Volvo Trucks North America**Submission Date :** FEB 19, 2021**NHTSA Recall No. :** 21V-098**Manufacturer Recall No. :** 21E-007**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 : 22

Estimated percentage with defect : 50 %

Vehicle Information :

Vehicle 1 : 2022-2022 Volvo VNL

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : The production date of the wheels and the production date of suspect vehicles with the suspect part number wheels.

Production Dates : JAN 06, 2021 - JAN 20, 2021

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential**Description of Defect :**

Description of the Defect : Reference 21E-007 Under certain circumstances, the wheels may bend or break while in use.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Reference 21E-007 The wheel may not support the load.

Description of the Cause : Reference 21E-007 Thermal process irregularities in the form of delayed quench (cooling) post-heating process resulted in 11 weakened wheels.

Identification of Any Warning that can Occur : Reference 21E-007 The wheel may bend or the mounted tire on the wheel could lose air causing the tire to go flat.

Involved Components :

Component Name 1 : ALCOA, 22.5 X 8.25, 6.60 Wheel

Component Description : ULT391, MIRROR POLISH OD

Component Part Number : 23833264

Supplier Identification :

Component Manufacturer

Name : Howmet Aerospace Inc. obo Howmet Wheels

Address : 1616 Harvard Ave.
Cleveland Ohio 44105

Country : United States

Chronology :

January 6, 2021 a bent wheel is identified in our assembly factory and manufacturer Howmet is notified. January 8, 2021 Howmet notifies Volvo of suspect date ranges and a stop shipment and internal inspections are initiated at our 3rd party tire mounting facility, at our factory and in our transportation yards of all vehicles which have the potential suspect wheels on them. January 20, 2021 internal campaign and inspections on 485 trucks completed, three vehicles are identified which may have suspect wheels are in dealers hands. January 27, 2021 those three vehicles are located and inspected by dealers and suspect wheels are not found This information is provided to Howmet, vehicles had not been delivered to customers or entered in service. February 10, 2021 Howmet notifies Volvo of of their filing 21E-007 dated February 1, 2021. February 18, 2021 Volvo Group North America Regulatory Affairs submits 573 report. There are no vehicles in service affected by the recall. There have been no incidents, accidents or injuries reported involving these parts.

Description of Remedy :

Description of Remedy Program : Reference 21E-007 Howmet at no cost to the customer, replace the subject wheels with wheels of sufficient strength. 21E-007

How Remedy Component Differs from Recalled Component : Reference 21E-007 The replacement wheels will be of sufficient strength and durability to withstand the load. 21E-007

Identify How/When Recall Condition was Corrected in Production :	Reference 21E-007 This was an isolated incident involving delayed quench. There will be no delay in quenching (cooling) the wheels post-heating. Internal corrective actions have been implemented to prevent re-occurrence. 21E-007
--	--

Recall Schedule :

Description of Recall Schedule :	Not applicable. All affected vehicles have been contained and or inspected prior to delivery to final customer.
Planned Dealer Notification Date :	NR - NR
Planned Owner Notification Date :	NR - NR

* NR - Not Reported