

Part 573 Safety Recall Report

21V-858

Manufacturer Name : Volvo Trucks North America**Submission Date :** NOV 04, 2021**NHTSA Recall No. :** 21V-858**Manufacturer Recall No. :** RVXX2105**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 : 3

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2021-2021 Volvo VNL

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : The basis of the recall population is equipment recall 21E-085. Information on deliveries of suspect components was used to identify potential affected vehicles which include three (3) 2021 VNL model vehicles manufactured from June 22, 2020, through August 17, 2020.

Production Dates : JUN 22, 2020 - AUG 17, 2020

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

Description of the Defect : According to 21E-085, "certain power steering pumps supplied by ZF may cause pressure to build and the shaft seal to leak into the engine, resulting in a loss of power steering assist in the identified recalled vehicles. ZF's understanding is that its power steering pumps operate under conditions specific to each vehicle application."

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : A sudden loss of power steering assist under certain conditions may increase the risk of a crash. Volvo is not aware of any vehicle crashes associated with this safety defect.

Description of the Cause : The rotor grinding process may have created an area of localized flatness in the end face of the steering pump motor during manufacturing of the power steering pumps.

Identification of Any Warning that can Occur : NR

Involved Components :

Component Name 1 : Power Steering Pump

Component Description : Asist Mechanical Steering

Component Part Number : 21718559

Supplier Identification :**Component Manufacturer**

Name : ZF North America Inc.

Address : 12001 Tech Center Drive
Livonia Michigan 48150

Country : United States

Chronology :

August 13, 2021 ZF notifies Volvo of potential issue on certain power steering pumps.

August 23, 2021 Volvo Product Safety Working Group (PSWG) opens investigation.

August 24, 2021 Initial review by PSWG.

September 23, 2021 Additional information received. PSWG notified that ZF filed Equipment Defect Report.

October 18, 2021 PSWG completes investigation. Decision made to raise to Product Safety Committee.

October 28, 2021 Product Safety Committee meets and determines a safety-related defect.

November 4, 2021 573 defect report submitted to NHTSA.

Description of Remedy :

Description of Remedy Program : The repair will involve replacement of the suspect power steering pump. Repairs made prior to notification will be addressed according to Volvo's General Reimbursement Plan on file with NHTSA.

How Remedy Component Differs from Recalled Component : The remedy component does not contain the component defect that resulted in this filing.

Identify How/When Recall Condition was Corrected in Production : Action was taken by ZF to address the defect. When notification occurred to Volvo, there were no actions required to remedy the vehicles in production as the vehicles had already been released.

Recall Schedule :

Description of Recall Schedule : Dealers will be notified through a safety recall alert.
By November 10, 2021. Owner notification will occur on or before
December 22, 2021.

Planned Dealer Notification Date : NOV 10, 2021 - NOV 10, 2021

Planned Owner Notification Date : DEC 22, 2021 - DEC 22, 2021

* NR - Not Reported