

Part 573 Safety Recall Report

20V-782

Manufacturer Name : Volvo Trucks North America

Submission Date : JAN 26, 2021

NHTSA Recall No. : 20V-782

Manufacturer Recall No. : RVXX2006



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 : 6,982

Estimated percentage with defect : 1 %

Vehicle Information :

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

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : Certain 2021 VAH, VHD, VNL, & VNR model vehicles manufactured from July 8, 2020 to December 8, 2020 may contain a non-conforming pneumatic pass-through plate. The difference between the recalled and non-recalled product is that the recalled product may contain a non-conformance (i.e. brass fittings damaged in the pneumatic pass-through plate), where the non-recalled product conforms to the requirements. The population of vehicles affected is based on delivery dates of suspect parts supplied by Norgren.

Production Dates : JUL 08, 2020 - JAN 11, 2021

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Description of Defect :

Description of the Defect : The collets (internal jaws) for the brass fitting inserts used in the pneumatic pass-through plate may have been damaged during leak testing by the supplier, Norgren.

The potential consequence is the brass fitting may completely release the air brake line from the pass-through plate while under pressure. If this occurs on the park brake circuit, signal pressure that holds off the mechanical spring in the park brake chambers will be lost allowing the park brakes to apply.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If the park brakes apply, the driver may lose control of the vehicle under certain conditions increasing the risk of a vehicle crash.

Description of the Cause : Supplier related defect. Misalignment of the leak test tool damaging the mechanism that retains the air brake line.

Identification of Any Warning that can Occur : Potential that an audible air leak will occur in advance.

Involved Components :

Component Name 1 : PASS-THROUGH,PNEUMATIC/EL

Component Description : Cab to engine compartment pneumatic and electrical pass through manifold

Component Part Number : 22646183, 22646185, 22646187, 22646189, 22646191 and 22646194

Supplier Identification :

Component Manufacturer

Name : Norgren LLC

Address : 5400 S Delaware St.
Littleton Colorado 80120

Country : United States

Chronology :

October 8, 2020 Report of air brake line pulling out after inserted in a brass fitting in the pass-through plate during vehicle assembly.

October 14, 2020 Second report of air brake line pulling out of the brass fitting during vehicle assembly. Volvo Quality department opens investigation and informs the supplier.

December 2, 2020 Report received of air brake line pulling out of a pass-through plate fitting causing the park brakes to apply on a new vehicle when being delivered. Incident reported to the Volvo Group Product Safety Working Group.

December 7, 2020 Report received of air brake line pulling out of a pass-through plate fitting causing the park brakes to apply on a new vehicle when being delivered.

December 8, 2020 Volvo's Product Safety Committee determines that a safety-related defect exists. Stop delivery issued.

December 15, 2020 Volvo submits defect report to the National Highway Traffic Safety Administration.

There are four field reports. The first report was received on December 2, 2020. One of the reports involved cosmetic damage to the vehicle

January 26, 2021 Added additional vehicles which will be subject to the recall.

Description of Remedy :

Description of Remedy Program : Vehicles will be inspected and have the air brake line inspected for proper engagement of the fitting in the pass-through plate. Pre-notification remedies will be address according to Volvo's pre-notification reimbursement plan on file with NHTSA.

How Remedy Component Differs from Recalled Component : The brass fitting collets are not damaged.

Identify How/When Recall Condition was Corrected in Production : A stop delivery was issued on December 8 at Volvo's manufacturing facility.

Recall Schedule :

Description of Recall Schedule : Dealers will be notified on December 17, 2020. Owners will be notified by January 31, 2021.

Planned Dealer Notification Date : DEC 17, 2020 - DEC 17, 2020

Planned Owner Notification Date : JAN 31, 2021 - JAN 31, 2021

* NR - Not Reported