

# Part 573 Safety Recall Report

# 22V-399

**Manufacturer Name :** Volvo Trucks North America**Submission Date :** JUN 07, 2022**NHTSA Recall No. :** 22V-399**Manufacturer Recall No. :** RVXX2202**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 : 1,632

Estimated percentage with defect : 1 %

**Vehicle Information :**

Vehicle 1 : 2022-2023 Volvo VN

Vehicle Type : BUSES, MEDIUM &amp; HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

**Descriptive Information :** Based upon information provided by Sheppard on their production dates, a suspect population was identified at Volvo based upon our production dates using our material systems timing and offsets.

Production Dates : JUN 01, 2021 - MAR 11, 2022

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

**Description of the Defect :** Steering gear was assembled with fewer than the required number of recirculating balls which can lead to a fracture in the steering gear worm-shaft and loss of vehicle steering.

FMVSS 1 : NR

FMVSS 2 : NR

**Description of the Safety Risk :** A steering gear with fewer than the required number of recirculating balls may bind when loads are applied. In some cases the balls may align on the same side of the gear's worm-shaft and concentrated loads may cause the gear's internal parts to fracture resulting in loss of vehicle steering. Loss of steering increases the likelihood of a crash.

**Description of the Cause :** NR

**Identification of Any Warning that can Occur :** Preceding the internal fracture, the steering may be perceived as strained by the driver. No audible or visual warning is available.

**Involved Components :**

Component Name 1 : Steering Gear

Component Description : HD Steering Gear for trucks

Component Part Number : 23986581, 21129326, 23851030, 23851036, 23851046, 23851032, 23056973, 24008407, 23851052, 22396595,

**Supplier Identification :****Component Manufacturer**

Name : R.H. SHEPPARD CO., INC.

Address : 101 Philadelphia Street

P.O. Box 877 Hanover Pennsylvania 17331-0877

Country : United States

**Chronology :**

Volvo on June 3, 2022 is informed by RH Sheppard (Bendix) that they have filed a 573 Safety Recall Report 22E-047. Volvo Product Safety Working Group met on Monday June 6, 2022 and determined that this should be elevated to the Volvo Product Safety Committee as a Safety Related Defect. June 7, 2022 Volvo Product Safety determined that this is a safety related defect. June 7, 2022 Volvo Files 573 Report.

**Description of Remedy :**

Description of Remedy Program : A remedy program is under development. The 573 will be amended once an inspection and remedy plan has been developed. ANY PRE-NOTIFICATION REMEDIES PERFORMED OUTSIDE DEALER NETWORK ARE COVERED UNDER MACK'S PRE-NOTIFICATION REMEDY PROGRAM.

How Remedy Component Differs from Recalled Component : NR

Identify How/When Recall Condition was Corrected in Production : NR

**Recall Schedule :**

Description of Recall Schedule : NR

Planned Dealer Notification Date : JUN 10, 2022 - JUN 10, 2022

Planned Owner Notification Date : JUL 29, 2022 - JUL 29, 2022

\* NR - Not Reported