

# Part 573 Safety Recall Report

# 19V-617

**Manufacturer Name :** Volvo Trucks North America**Submission Date :** AUG 21, 2019**NHTSA Recall No. :** 19V-617**Manufacturer Recall No. :** RVXX1905**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 : 20

Estimated percentage with defect : 1 %

**Vehicle Information :**

Vehicle 1 : 2015-2015 Volvo VNL

Vehicle Type : BUSES, MEDIUM &amp; HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

**Descriptive Information :** There are twenty (20) 2015 VNL model trucks in total that may have been manufactured with a Meritor Model FF967 Non-Drive Front Steer axle with incorrect heat treatment (Reference Meritor Safety related defect report 19E-049). The twenty vehicles were identified from axle serial numbers provided by Meritor.

Production Dates : JUN 04, 2014 - JUN 11, 2014

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

**Description of the Defect :** Reference Meritor safety-related defect report 19E-049 which states "Meritor FF967 Non Drive Steer Front Steer Axle inadvertently missed heat treat operation during production." Note" information from Meritor's safety-related defect report is identified with quotation markets.

FMVSS 1 : NR

FMVSS 2 : NR

**Description of the Safety Risk :** "If the axle beam fractures, loss of vehicle control may occur, potentially leading to the risk of crash."

**Description of the Cause :** "A heat treat process step was inadvertently missed following an interruption in service with Gantry #2. There were no subsequent detection steps to validate heat treatment after an interruption in service."

**Identification of Any Warning that can Occur :** "The driver may notice some degradation of the vehicle handling up to the inoperability of the vehicle. If the axle beam fractures, loss of vehicle control may occur, potentially leading to the risk of crash."

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

Name : "Forja de Monterrey"  
Address : Carretera Monterrey-Colombia Km. 6.5 Gra  
Escobedo,N.L FOREIGN STATES 66050  
Country : Mexico

**Chronology :**

June 3, 2019 Meritor informs Volvo of an investigating into a broken steer axle.  
August 12, 2019 Meritor informs Volvo that they have filed a safety-related defect report with NHTSA (Reference Recall number 19E049)  
August 15, 2019 Volvo Product Safety Committee meets and determines that a safety recall is required.  
August 21, 2019 Volvo submits a safety-related defect report to NHTSA.

**Description of Remedy :**

Description of Remedy Program :	"Meritor Axle Model FF967 Non-Drive Front Steer Axle Beam was determined to not comply with Meritor's microstructure or process specification for hardness. Axles in the suspect population will be inspected and replaced as required." Pre-notification remedy repairs will be addressed according to Volvo's General Reimbursement Plan.
How Remedy Component Differs from Recalled Component :	"Suspect Meritor Model FF967 Non-Drive Front Steer axles are identified with the Forging Date Code 14128, Heat Code CA, Machining Date Code 14214."
Identify How/When Recall Condition was Corrected in Production :	"The condition that caused the operation to be inadvertently missed was corrected in January 2016. The correction included the introduction of a subsequent hardness inspection by an optical camera monitored and controlled by software. In addition, all beams have the hardness reading written on the beam prior to being sent to Meritor."

**Recall Schedule :**

Description of Recall Schedule :	A safety recall alert will be issued to dealers on by August 28, 2019. Owner notification letters will be mailed by October 18, 2019.
Planned Dealer Notification Date :	AUG 28, 2019 - AUG 28, 2019
Planned Owner Notification Date :	OCT 18, 2019 - OCT 18, 2019

\* NR - Not Reported