

Part 573 Safety Recall Report

17V-536

Manufacturer Name : Volvo Trucks North America

Submission Date : AUG 29, 2017

NHTSA Recall No. : 17V-536

Manufacturer Recall No. : RVXX1702



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 : 102

Estimated percentage with defect : NR

Vehicle Information :

Vehicle 1 : 2016-2016 Volvo TBD

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : Certain Dana Axles manufactured from 3/5/2015 through 5/14/2015. Dana has provided Volvo with a list of axle serial numbers. Volvo is working to identify the vehicles than may have a suspect axle.

Production Dates : MAR 05, 2015 - MAY 14, 2015

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Description of Defect :

Description of the Defect : According to Dana, "In affected steer axles, the castellated nut and cotter pin may not have been torqued to expected torque. As a result, the tie rod may become loose in the steer axle, causing significant auditory warning and/or looseness in steering. If a vehicle operator continues to operate the vehicle in spite of this advanced warning, the tie rod may in rare instances become disconnected from the knuckle."

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : According to Dana, "If the tie rod disconnects from the steering knuckle, the driver may lose full control of a vehicle wheel (normally the right front tire)."

Description of the Cause : According to Dana, "The castellated nuts in the tie rods may not have been properly torqued during assembly."

Identification of Any Warning that can Occur : According to Dana, "Before a tie rod can disconnect from the vehicle, a driver should experience significant warning, including noise and loosened steering."

Supplier Identification :

Component Manufacturer

Name : Dana Driveshaft Manufacturing LLC
 Address : 3939 Technology Drive
 Maumee OHIO 43537
 Country : United States

Chronology :

August 22, 2017, Dana notifies Volvo and shares that they are conducting a voluntary safety recall. Volvo opens an investigation to determine vehicles that may be affected by Dana's voluntary recall.

August 29, 2017 Volvo submits a 573 report with available information.

Description of Remedy :

Description of Remedy Program :	Dana intends to inspect all units in the field to ensure that the castellated nuts in the tie rods are properly torqued, and will tighten nuts that are not. Dana will replace the tie rod stud and knuckle on units in which the nuts cannot be sufficiently torqued.
How Remedy Component Differs from Recalled Component :	The inspection campaign will check and (where needed) correct the torque and will replace parts damaged.
Identify How/When Recall Condition was Corrected in Production :	Dana began using feedback-controlled torque installation equipment in May 2015, and instituted corrected assembly procedures.

Recall Schedule :

Description of Recall Schedule :	Sept. 15 put in as place holders. We hope to release the information sooner.
Planned Dealer Notification Date :	SEP 15, 2017 - SEP 15, 2017
Planned Owner Notification Date :	OCT 16, 2017 - OCT 16, 2017

* NR - Not Reported