

Part 573 Safety Recall Report

16V-928

Manufacturer Name : Volvo Trucks North America

Submission Date : JAN 30, 2017

NHTSA Recall No. : 16V-928

Manufacturer Recall No. : RVXX1608



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 : 6,127

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2013-2017 Volvo VNL, VNM, VNX

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : Certain model trucks manufactured from April 11, 2012 through October 3, 2016 with an electronic air dryer

Models and Model Years affected are as follows:

VNL and VNM 2013-2017

VNX - 2017

Production Dates : APR 11, 2012 -OCT 03, 2016

VIN Range 1 :Begin :

NR

End : NR

☐ Not sequential

Description of Defect :

Description of the Defect : Certain parameters used to control the cycling of the electronic air dryer are incorrect; the parameters were set to low at 1/3 of the required volume of air to purge the desiccant.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : As a result, more condensation may occur and be passed through the air system as compared to an air dryer with the correct parameters. This may allow oil and water to contaminate the brake system, which over time and under certain conditions such as cold weather may affect brake performance. Volvo has received no reports of accidents associated with the defect. Therefore, Volvo considers this as a proactive measure to protect the public and our customers from the potential risk associated with this defect.

Description of the Cause : incorrect parameters in the vehicle control unit

Identification of Any Warning Periodic maintenance such as periodically draining the wet tank and replacing

that can Occur : the air dryer filter will reduce the risk of passing water and oil into the air system and mitigate the risk of this defect affecting the performance of the brake system.

Supplier Identification :

Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

Chronology :

October 26, 2016 Potential safety-related issue reported to Volvo Group Regulatory Affairs department.
Investigation opened

November 9, 2016 Additional discussion and review at Product Safety Working Group meeting

November 21, 2016 Product Safety Working Group decides to raise the investigation to the Product Safety Committee.

December 13, 2016 Product Safety Committee determines that a safety related defect exists and that a recall is required.

December 20, 2016 Volvo informs NHTSA that a voluntary safety recall will be conducted to address the affected vehicles

Description of Remedy :

Description of Remedy Program : The repair will involve reprogramming the vehicle control module with correct parameters for the air dryer. The air dryer filter will also be replaced. Pre notification repairs will be decided on a case by case basis and in accordance to Volvo's Pre-Notification Reimbursement Plan on file with NHTSA.

How Remedy Component Differs from Recalled Component : The parameters are correct

Identify How/When Recall Condition was Corrected in Production : October 3, 2016 the parameters were corrected

Recall Schedule :

Description of Recall Schedule : A dealer alert will be released on December 22, 2016 and the owner's will be notified by February 17, 2017.

Planned Dealer Notification Date : DEC 22, 2016 - DEC 22, 2016

Planned Owner Notification Date : FEB 17, 2017 - FEB 17, 2017

* NR - Not Reported