

Part 573 Safety Recall Report

18V-668

Manufacturer Name : Volvo Trucks North America**Submission Date :** OCT 29, 2018**NHTSA Recall No. :** 18V-668**Manufacturer Recall No. :** RVXX1802**Manufacturer Information :****Population :**

Manufacturer Name : Volvo Trucks North America

Number of potentially involved : 3,705

Address : 7900 National Service Road
Greensboro NC 27409

Estimated percentage with defect : 2 %

Company phone : 800 528 6586

Vehicle Information :

Vehicle 1 : 2016-2019 Volvo VNL

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : 2-DOOR

Power Train : DIESEL

Descriptive Information : Certain 2016-2019 VNL model vehicles manufactured with certain Cummins ISX15, Part Number D103012BX03.

Selection of vehicles were based on information provided by Cummins.

Production Dates : DEC 04, 2015 - JUL 26, 2018

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential**Description of Defect :**

Description of the Defect : If the fuel pump cooling circuit screens become sufficiently restricted (e.g., due to an inordinate amount of debris from filtration material) and the engine is operated in an extended motoring condition, such as on a long down-hill grade, the engine may experience a burst nylon fuel line. If this occurs, the fuel line will leak fuel and the engine will not run when the operator depresses the accelerator.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : This condition may cause an engine stall without warning and without the ability to restart, presenting a risk of a crash.

Description of the Cause : If the fuel pump cooling circuit screen becomes sufficiently restricted, fuel exiting the fuel pump gear pump may, under extended motoring conditions, become hot enough in the line between the fuel pump gear pump outlet and the engine-mounted fuel filter inlet to reduce the material strength of the nylon low pressure fuel line, resulting in a burst fuel line.

Identification of Any Warning that can Occur : The driver may smell or observe diesel fuel on the road after the fuel line bursts.

Supplier Identification :

Component Manufacturer

Name : Cummins Inc
Address : 500 Jackson Street
Columbus INDIANA 47202-3005
Country : United States

Chronology :

August 23, 2018 Cummins informs Volvo that they have submitted a safety-related defect report to NHTSA.

August 29, 2018 Cummins provides copy of defect report (reference 18E051) and draft interim letter

September 6, 2018 Volvo finishes initial review.

September 7, 2018 Information provided to Volvo Group North America Regulatory Affairs for further consideration

September 25, 2018 Volvo submits defect report to NHTSA.

October 23, 2018 Volvo amends vehicle count from 3,138 to 3,705

October 25, 2018 Volvo receives information from Cummins on recall remedy and owner notification timing.

October 29, 2018 Volvo amends defect report with revised owner notification date to Nov. 21, 2018 based on information received from Cummins

Description of Remedy :

Description of Remedy Program : Cummins will administer the recall by sending the owner notification letters and performing repairs at Cummins service providers. Volvo will support Cummins by providing VINs, owner names and addresses. According to information received from Cummins on Oct. 25, 2018, Cummins will "replace the affected nylon line with a steel line. The remedy program will be performed in two phases: the first phase will apply to engines built between August 11, 2017 and July 24, 2018 and the second phase will apply to engines built between December 1, 2015 and August 10, 2017. Cummins will submit a recall-specific reimbursement plan through the Recalls Portal."

How Remedy Component Differs from Recalled Component : The single screen filter banjo bolt will be replaced with a dual screen filter banjo bolt.

Identify How/When Recall Condition was Corrected in Production : Engine Production at Cummins from 24 July 2018 on uses a dual screen filter banjo bolt.

Recall Schedule :

Description of Recall Schedule : NR

Planned Dealer Notification Date : OCT 12, 2018 - OCT 12, 2018

Planned Owner Notification Date : NOV 21, 2018 - NR

* NR - Not Reported