

Part 573 Safety Recall Report

21V-065

Manufacturer Name : Volvo Trucks North America

Submission Date : NOV 29, 2021

NHTSA Recall No. : 21V-065

Manufacturer Recall No. : n/a



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 : 2

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2022-2022 Volvo VNL

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : Two (2) Cummins X15 model engines with serial numbers of 80302180 and 80302185, provided to Volvo Trucks North America are subject to a Cummins Recall (Reference NHTSA# 21E-009).

Production Dates : JAN 31, 2021 - JAN 31, 2021

VIN Range 1 : Begin : NR

End : NR

☐ Not sequential

Description of Defect :

Description of the Defect : Reference 21E-009. "Cap screws attaching the flywheel to the crankshaft may have not been properly torqued to the specification."

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Reference 21E-009. "On affected engines, the flywheel may be susceptible to detaching from the crankshaft, possibly leading to loss of motive power, which may increase the risk of a crash. Additionally, driveline pieces may be ejected from the engine compartment, which may increase the risk of personal injury."

Description of the Cause : Reference 21E-009. "During the affected production period, the torque gun used during the engine assembly process did not have a lower control limit in place."

Identification of Any Warning that can Occur : Reference 21E-009. "Prior to failure, the driver may notice noise, vibration, or difficult clutch operation in vehicles equipped with manual transmissions. In vehicles equipped with automated transmissions, a clutch fault lamp may illuminate."

Involved Components :

Component Name 1 : X15 Model Diesel Engine

Component Description : Diesel Engine

Component Part Number : D103109BX03

Supplier Identification :

Component Manufacturer

Name : Cummins, Inc.

Address : Box 3005, Mail Code 41303
Columbus Indiana 47202-3005

Country : United States

Chronology :

February 5, 2021 Cummins Notifies Volvo Group North America of Safety-Related Defect. Two engine serial numbers provided that were manufactured on January 5, 2021 that were identified on that were sent to Volvo Trucks North America.

February 8, 2021 Conference call between Cummins and Volvo's safety and service teams.

February 9, 2021 Vehicle Identification Numbers that received the engines determined. Vehicles are at Volvo's manufacturing Facility. Vehicle's blocked from delivery. Vehicles being addressed and will not be subject to a recall as they have not been delivered or placed in commerce.

February 11, 2021 Volvo Group North America Regulatory Affairs submits 573 report.

There are no vehicles in service affected by the recall.

Description of Remedy :

Description of Remedy Program : Cummins will notify owners, and dealers will properly torque the capscrews and inspect for possible damage and, if necessary, repair any damage found, free of charge, Volvo received two Cummins engines that were involved in this recall (21V065). The affected vehicles were still within the manufacturer's control. Neither was delivered to the marketplace until after the defect had been corrected. The capscrews were properly torqued and these repairs were completed by February 15, 2021.

How Remedy Component Differs from Recalled Component : Cummins will notify owners, and dealers will properly torque the capscrews and inspect for possible damage and, if necessary, repair any damage found, free of charge, Volvo received two Cummins engines that were involved in this recall (21V065). The affected vehicles were still within the manufacturer's control. Neither was delivered to the marketplace until after the defect had been corrected. The capscrews were properly torqued and these repairs were completed by February 15, 2021.

Identify How/When Recall Condition was Corrected in Production : Cummins will notify owners, and dealers will properly torque the capscrews and inspect for possible damage and, if necessary, repair any damage found, free of charge, Volvo received two Cummins engines that were involved in this recall (21V065). The affected vehicles were still within the manufacturer's control. Neither was delivered to the marketplace until after the defect had been corrected. The capscrews were properly torqued and these repairs were completed by February 15, 2021.

Recall Schedule :

Description of Recall Schedule : Not applicable. Affected vehicles/ engines are contained at Volvo's manufacturing facility and will be addressed prior to delivery..

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : NR - NR

* NR - Not Reported