

# Part 573 Safety Recall Report

## 21V-385

**Manufacturer Name :** Van Hool N.V.

**Submission Date :** AUG 26, 2021

**NHTSA Recall No. :** 21V-385

**Manufacturer Recall No. :** P1489



### Manufacturer Information :

### Population :

Manufacturer Name : Van Hool N.V.

Number of potentially involved : 681

Address : BERNARD VAN HOOLSTRAAT 58  
LIER-KONINGSHOOIKT (BELGIUM) 00  
B2500

Estimated percentage with defect : 1 %

Company phone : 999

### Vehicle Information :

Vehicle 1 : 2018-2021 Van Hool CX35

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

**Descriptive Information :** Van Hool received notice from Cummins of engines equipped with High Pressure Common Rail fuel systems which includes a high pressure fuel rail. The production begin and end dates were determined from the manufacturing and quality records that established the population of high pressure rails and engines that may contain the defect. The recall consists of engines installed in buses due to relatively low detectability of the potential hazard and relatively high vulnerability to potential injury in those applications.

**Production Dates :** OCT 25, 2017 - OCT 30, 2020

**VIN Range 1 : Begin :**

NR

**End :** NR

☐ Not sequential

Vehicle 2 : 2018-2019 Van Hool CX45

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

**Descriptive Information :** Van Hool received notice from Cummins of engines equipped with High Pressure Common Rail fuel systems which includes a high pressure fuel rail. The production begin and end dates were determined from the manufacturing and quality records that established the population of high pressure rails and engines that may contain the defect. The recall consists of engines installed in buses due to relatively low detectability of the potential hazard and relatively high vulnerability to potential injury in those applications.

**Production Dates :** AUG 25, 2017 - JUN 20, 2019

**VIN Range 1 : Begin :**

NR

**End :** NR

☐ Not sequential

Vehicle 3 : 2018-2021 Van Hool TDX25

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : HATCHBACK

Power Train : DIESEL

Descriptive Information : Van Hool received notice from Cummins of engines equipped with High Pressure Common Rail fuel systems which includes a high pressure fuel rail. The production begin and end dates were determined from the manufacturing and quality records that established the population of high pressure rails and engines that may contain the defect. The recall consists of engines installed in buses due to relatively low detectability of the potential hazard and relatively high vulnerability to potential injury in those applications.

Production Dates : SEP 15, 2017 - AUG 21, 2020

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Vehicle 4 : 2018-2019 Van Hool TX45

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : Van Hool received notice from Cummins of engines equipped with High Pressure Common Rail fuel systems which includes a high pressure fuel rail. The production begin and end dates were determined from the manufacturing and quality records that established the population of high pressure rails and engines that may contain the defect. The recall consists of engines installed in buses due to relatively low detectability of the potential hazard and relatively high vulnerability to potential injury in those applications.

Production Dates : JUL 20, 2017 - MAY 17, 2019

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Vehicle 5 : 2021-2021 Van Hool AG300

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : Van Hool received notice from Cummins of engines equipped with High Pressure Common Rail fuel systems which includes a high pressure fuel rail. The production begin and end dates were determined from the manufacturing and quality records that established the population of high pressure rails and engines that may contain the defect. The recall consists of engines installed in buses due to relatively low detectability of the potential hazard and relatively high vulnerability to potential injury in those applications.

Production Dates : JUL 24, 2020 - SEP 18, 2020

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Vehicle 6 : 2018-2018 Van Hool TD925

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

**Descriptive Information :** Van Hool received notice from Cummins of engines equipped with High Pressure Common Rail fuel systems which includes a high pressure fuel rail. The production begin and end dates were determined from the manufacturing and quality records that established the population of high pressure rails and engines that may contain the defect. The recall consists of engines installed in buses due to relatively low detectability of the potential hazard and relatively high vulnerability to potential injury in those applications.

**Production Dates :** APR 20, 2018 - APR 20, 2018

**VIN Range 1 : Begin :**

NR

**End :** NR

☐ Not sequential

### Description of Defect :

**Description of the Defect :** The fuel rail assembly may develop leaks, which may result in an undetected prolonged diesel fuel spray.

**FMVSS 1 :** NR

**FMVSS 2 :** NR

**Description of the Safety Risk :** A leak involving spraying/misting fuel in the presence of an ignition source may increase the risk of fire.

**Description of the Cause :** The rail end sealing bores in the fuel rail may have undersized pilot bores for the sealing washer, thus preventing the washer from properly seating, potentially resulting in inadequate load for the joint to remain properly sealed in service.

**Identification of Any Warning that can Occur :** The operator may see or smell diesel fuel. In some cases, the check engine lamp may illuminate.

### Involved Components :

**Component Name 1 :** Cummins L9

**Component Description :** Engine High Pressure Fuel Rail Accumulator

**Component Part Number :** D0K3003BX03

Component Name 2 : Cumminx ISX12

Component Description : Engine High Pressure Fuel Rail Accumulator

Component Part Number : D563025BX03

### Supplier Identification :

#### Component Manufacturer

Name : Cummins

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

Country : United States

### Chronology :

On April 30, 2021 Van Hool was notified by email and conference call that a defect existed in these specific engines. Cummins provided a list of engine serial numbers shipped to Van Hool between the dates of 01/02/2017 and 10/16/2020. Van Hool determined the VIN's of the buses and coaches that contain the specific engines identified by Cummins as being involved in the recall. Please see Cummins Recall #21E-032 for their chronology of events leading to recall.

### Description of Remedy :

Description of Remedy Program : Cummins released safety campaign #C2423 to correct this by inspecting rail threads for damage and if damage is found, replacing the rail and fuel lines. If there is no damage, new crush washers will be installed.

How Remedy Component Differs NR  
from Recalled Component :

Identify How/When Recall Condition NR  
was Corrected in Production :

### Recall Schedule :

Description of Recall Schedule : Cummins will conduct the recall and notify owners. The timing of owner notification will be determined in consultation with Van Hool. Cummins states that notices will be mailed no later than June 19, 2021. Van Hool will follow the same schedule and mail notification letters to involved owners by June 19, 2021. If the remedy and parts are not yet finalized it will be an interim notice.

Planned Dealer Notification Date : MAY 20, 2021 - MAY 20, 2021

Planned Owner Notification Date : JUN 19, 2021 - JUN 19, 2021

\* NR - Not Reported