Part 573 Safety Recall Report 21V-385

Manufacturer Name : Van Hool N.V.
Submission Date : MAY 25, 2021
NHTSA Recall No. : 21V-385
Manufacturer Recall No. : P1489

Manufacturer Information :

Manufacturer Name : Van Hool N.V.
Address : BERNARD VAN HOOLSTRAAT 58
LIER-KONINGSHOOIKT (BELGIUM) 00
B2500
Company phone : 999

Population :

Number of potentially involved : 681
Estimated percentage with defect : 1 %

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 : 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 5 : 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

Vehicle 6 :	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

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 will provide a recall-specific reimbursement plan in the Recall Portal for those units not covered by the manufacturer's limited warranty. Cummins is developing the remedy and will amend their report accordingly. Cummins will notify Van Hool once the remedy is in place and parts are secured.
How Remedy Component Differs from Recalled Component :	NR
Identify How/When Recall Condition was Corrected in Production :	According to Cummins the rail manufacturing statistical process control for the pilot bores was confirmed in control after October 19, 2021.

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