

Part 573 Safety Recall Report**15V-422****Manufacturer Name :** Van Hool N.V.**Submission Date :** JUL 15,2015**NHTSA Recall No. :** 15V-422**Manufacturer Recall No. :** P764**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 : 50

Estimated percentage with defect : 100

Vehicle Information :

Vehicle : 2015-2015 VAN HOOL TDX25

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style :

Power Train : NR

Descriptive Information : NUMBER OF PASSENGERS MAX. 81

Production Dates : DEC 23, 2014 - DEC 23, 2014

VIN (Vehicle Identification Number) Range

Begin : NR

End : NR

☐ Not sequential VINs

Vehicle : 2014-2015 VAN HOOL TD925

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style :

Power Train : NR

Descriptive Information : NUMBER OF PASSENGERS MAX 81

Production Dates : OCT 11, 2013 - DEC 12, 2014

VIN (Vehicle Identification Number) Range

Begin : NR

End : NR

☐ Not sequential VINs**Description of Defect :**

Description of the Defect : The parameter of the engine for low idle speed is incorrectly set for the recalled buses.

FMVSS 1 :NR

FMVSS 2 :NR

Description of the Safety Risk : In combination with high electrical demand and prolonged low idling, an alternator might overheat resulting in function loss and possible risk of fire.

Description of the Cause : NR

Identification of Any Warning that can Occur : NR

Supplier Identification :**Component Manufacturer**

Name : NR

Address : NR

NR

Country : NR

Chronology :

During the first half of 2015, Van Hool N.V. was notified of several alternator failures on their TD925 coaches, both through their distributor ABC Companies Inc., and through their supplier Prestolite Electric Ltd. In some cases the fire suppression system had been triggered. Defective parts were returned to Prestolite Electric Ltd. Investigation showed that overheating of the alternator caused a short circuit. Van Hool N.V., with the support of Prestolite Electric Ltd. performed extensive temperature measurements on the alternator installation. It became clear that with the engine running at 700 rpm and with a maximum electrical load, after a prolonged period of time, the alternators could reach their thermal limits. It was apparent that all of the failures were from a recent batch of vehicles. Looking at differences between the recent and earlier batches, it became evident that the more recent vehicle batch had an idle speed of 650rpm, which is too low. The results of the earlier measurements showed that this is the root cause for overheating of the alternator. At this point, Van Hool N.V. started determine the affected vehicle batch, started writing a corrective procedure and notified their distributor ABC Companies Inc.

Description of Remedy :

Description of Remedy Program : Van Hool recalls all coaches from model year 2014 to 2015, in order to have the engine parameters settings for low idle speed immediately corrected by a qualified Cummins service technician. The alternators installed must be changed during the next scheduled preventive maintenance interval (at the latest in a month). Our designated agent ABC Bus, Inc. will notify Van Hool motorcoach owners of the above mentioned vehicles by mail sent to their addresses and conduct the recall free of charge.

How Remedy Component Differs from Recalled Component : The remedy low idle speed is 700 rpm.

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

Recall Schedule :

Description of Recall Schedule : NR

Planned Dealer Notification Date : JUN 26, 2015 - JUN 26, 2015

Planned Owner Notification Date : JUN 26, 2015 - JUN 26, 2015

* NR - Not Reported