

Part 573 Safety Recall Report**15V-422****Manufacturer Name :** Van Hool N.V.**Submission Date :** JUL 23,2015**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 : 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

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**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 :

Starting April 13th 2015, Van Hool N.V. was notified of several alternator failures on their TD925 coaches, both through their supplier Prestolite Electric Ltd, and through their distributor ABC Companies Inc. In some cases the fire suppression system had been triggered. Defective parts were returned to Prestolite Electric Ltd where investigation showed a short circuit, most likely caused by overheating of the alternator.

Starting April 27th Van Hool N.V. with the support of Prestolite Electric Ltd, performed extensive temperature measurements, both on the vehicle alternator installation and in lab environments. During this testing it became clear that with the engine running at 700rpm and with a maximum electrical load, after a prolonged period of time, the alternators could reach their thermal limits.

With more occurrences in June 2015, it became apparent on June 25th that all of the failures occurred on a recent batch of vehicles. Looking at differences between the recent and earlier batches, the more recent vehicle batch had an idle speed of only 650rpm. The results of the earlier measurements showed that this is the root cause for overheating of the alternator. On June 26th, Van Hool N.V. determined the affected vehicle batch, wrote a corrective procedure and notified NHTSA and their distributor ABC Companies Inc. in order to have the low idle speed increased to 700rpm.

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