

Part 573 Safety Recall Report

22V-502

Manufacturer Name : Van Hool N.V.**Submission Date :** FEB 22, 2024**NHTSA Recall No. :** 22V-502**Manufacturer Recall No. :** SB2180**Manufacturer Information :****Population :**

Manufacturer Name : Van Hool N.V.

Number of potentially involved : 68

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

Estimated percentage with defect : 100 %

Company phone : 999

Vehicle Information :

Vehicle 1 : 2021-2021 Van Hool TDX25

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : The recall population is determined on the basis of a clearly defined batch of front axle modules sourced from a specific component manufacturer, who began supplying the component part in April 2020.

Production Dates : SEP 16, 2021 - DEC 23, 2021

VIN Range 1 : Begin : NR End : NR

 Not sequential**Description of Defect :**

Description of the Defect : Some welds of the front axle module are cracking.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : The improperly executed welds may result in gradually cracking of welds in the front axle module as a result of which it may no longer hold the weight it is intended for. If the cracks are far advanced this may finally impact the steering mechanism.

A loss of steering control can increase the risk of a crash.

Description of the Cause : Some welds may not be properly executed (incomplete penetration and fusion).

Identification of Any Warning that can Occur : None prior to actual cracking of weld(s).

Involved Components :

Component Name 1 : Front Axle Module

Component Description : Front Axle Module

Component Part Number : 11709252

Supplier Identification :

Component Manufacturer

Name : Aktiva, Doo Stip

Address : Goce Delcev 50

Stip Foreign States 2000

Country : Macedonia, the Former Yugoslav Republic of

Chronology :

On June 13th, 2022, Van Hool's distributor ABC Companies notified Van Hool of a major failure of the front axle module of a TDX25 vehicle. Van Hool subsequently investigated together with its distributor. Inspections of the front axle module of this and other vehicles of the same model and model year indicated that some welds are not properly executed (incomplete penetration and fusion). The recall population is determined on the basis of a clearly defined batch of front axle modules sourced from a specific component manufacturer. The final list of VIN's concerned was determined on July 11th. Van Hool management decided to notify NHTSA on July 12th.

Description of Remedy :

Description of Remedy Program : Potentially impacted vehicles will be inspected. If any welds are cracked, repair will be required prior to any further use of the vehicle. Welds which are not properly executed have to be removed and rewelded. Extra reinforcement plates will be welded to the front axle module on specified positions on all vehicles included in the recall population.

The affected population remains under warranty and is exempt from the reimbursement requirements.

How Remedy Component Differs from Recalled Component : The remedy component will be the recalled component with repaired welds (if welds are not properly executed) and reinforcement plates (for all vehicles included in the recall population).

Identify How/When Recall Condition was Corrected in Production : Van Hool and component manufacturer are implementing a corrective action plan to ensure proper execution of the welds (in particular to ensure complete penetration and fusion).

Recall Schedule :

Description of Recall Schedule : ABC Companies will conduct the recall and notify owners. Van Hool will determine the schedule for timing of the owner notifications and publish its service bulletin for the vehicles concerned in its customers portal.

Planned Dealer Notification Date : JUL 21, 2022 - JUL 21, 2022

Planned Owner Notification Date : JUL 27, 2022 - JUL 27, 2022

* NR - Not Reported