

# Part 573 Safety Recall Report

## 23V-764

**Manufacturer Name :** Terberg Benschop B.V.**Submission Date :** NOV 13, 2023**NHTSA Recall No. :** 23V-764**Manufacturer Recall No. :** CAM0152**Manufacturer Information :****Population :****Manufacturer Name :** Terberg Benschop B.V.**Number of potentially involved :** 1**Address :** Oranje-Nassastraat 10**Estimated percentage with defect :** 1 %**Benschop 00 3405XK****Company phone :** 348459294**Vehicle Information :****Vehicle 1 :** 2022-2022 Terberg Benschop B.V, YT193**Vehicle Type :** BUSES, MEDIUM & HEAVY VEHICLES**Body Style :** OTHER**Power Train :** DIESEL

**Descriptive Information :** This recall applies to all vehicles produced from January 28th till 2023 until corrective action was taken in production in October 2023. All vehicles that have been re-worked prior to shipment are excluded from this campaign.

In this period we have produced 723 vehicles, of which only one is a DOT registered vehicle that is used on-highway in the US. All other units are used off highway. These are located as follows: 181 in the US and the remaining 541 outside the US.

**Production Dates :** JAN 28, 2023 - OCT 10, 2023**VIN Range 1 : Begin :** XLWYT193XN1028231 **End :** XLWYT193XN1028231 ☐ Not sequential**Description of Defect :**

**Description of the Defect :** From the end of January 2023 until September 2023 8 non self locking flange nuts were used to mount the front axle to the YTxx3 and DT.

For some unknown reason we have seen a few cases where the nuts did unwind themselves from the bolts

**FMVSS 1 :** NR**FMVSS 2 :** NR

**Description of the Safety Risk :** Steering front axle loose on front axle suspension. This will affect the ability to drive, steer and brake the vehicle.

**Description of the Cause :** Use of non self locking nut in the assembly of the front axle suspension.

**Identification of Any Warning :** Nuts found loose during first (at 100 working hours) periodic (at 500 working hours) or annual inspection. All these inspections are stipulated in the

that can Occur : maintenance manual.

### Involved Components :

Component Name 1 : NR

Component Description : NR

Component Part Number : NR

### Supplier Identification :

#### Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

### Chronology :

January 28th 2023: Start use of non self locking nut on 8 positions on front axle in production due to health and safety issue with mounting the existing nuts.

October 9th 2023: we received report from our distributor in UK that on a number of non-highway vehicles the nuts were found loose.

October 10th 2023: a meeting was held to start internal investigation.

October 17th 2023: decision was taken to go back to self locking nuts, and on locations where self locking nut is not possible a thread locker (Loctite 243) must be applied. All used torques and documentation have been reviewed. Also the containment action to re-work all machines that are produced but not yet delivered is started.

November 6th 2023: it is clear which machines are modified before delivery in the containment action, and which vehicles were not. Start with preparing the Modification Bulletin.

### Description of Remedy :

Description of Remedy Program : Customers will be actively be informed by their dealer, and the dealer will come to the customer site to repair the vehicle free of charge.

Replace the non self locking nuts for self locking nuts on the positions where there is space for the tooling

Add thread lock Loctite 243 to the nuts where there is no space for the tooling to install the larger self locking nut.  
Torque all nuts to the correct setting.

How Remedy Component Differs from Recalled Component : The non self locking nut will be replaced for a self locking nut. OR thread lock Loctite 243 will be added.

Identify How/When Recall Condition was Corrected in Production : From October 17th the new working method: (4 self locking nuts and 4 other nuts with thread lock) was applied in production

### Recall Schedule :

Description of Recall Schedule : 1 dealer will be informed in week 46.  
They will visit the machine before week 50 to perform the remedy

Planned Dealer Notification Date : NOV 13, 2023 - NOV 17, 2023

Planned Owner Notification Date : NOV 20, 2023 - DEC 20, 2023

\* NR - Not Reported