

Part 573 Safety Recall Report

22V-448

Manufacturer Name : Great Dane Trailers**Submission Date :** JUL 27, 2022**NHTSA Recall No. :** 22V-448**Manufacturer Recall No. :** NR**Manufacturer Information :**

Manufacturer Name : Great Dane Trailers

Address : 602 E Lathrop Avenue
Savannah GA 31415

Company phone : 912-232-4471

Population :

Number of potentially involved : 9

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2023-2023 Great Dane Champion

Vehicle Type : TRAILERS

Body Style : OTHER

Power Train : NR

Descriptive Information : Suspensions charged out for this order were configured incorrectly to be sent in with the older 2 piece spindle nut despite the shop order calling for 1 piece nuts and our BOM charging out 1 piece nuts.

The supervisor put together the build sheet correctly off of the shop order. One shift read the build sheet and put the correct 1 piece nuts on. The other shift did not, and installed the incorrect 2 piece nuts.

Technicians had not been trained to properly install the 2 piece nut, since it was not supposed to be used on this order, and relied on inappropriate training provided for a previous order. This lead to the bearings being preloaded, which caused a bearing failure, and wheel loss in the field. A total of 9 Champion Dry Van trailers may be affected. All other units were either built with the correct 1 piece nut, or were corrected before leaving the manufacturing facility.

Production Dates : MAY 26, 2022 - JUN 08, 2022

| | | | | |
|-----------------------|-------------------|-------|-------------------|---|
| VIN Range 1 : Begin : | 1GR1A9024PB503574 | End : | 1GR1A9026PB503575 | <input type="checkbox"/> Not sequential |
| VIN Range 2 : Begin : | 1GR1A9024PB503574 | End : | 1GR1A9026PB503575 | <input type="checkbox"/> Not sequential |
| VIN Range 3 : Begin : | 1GR1A9024PB503574 | End : | 1GR1A902XPB503577 | <input type="checkbox"/> Not sequential |
| VIN Range 4 : Begin : | 1GR1A9021PB503581 | End : | 1GR1A9023PB503582 | <input type="checkbox"/> Not sequential |
| VIN Range 5 : Begin : | 1GR1A9024PB503574 | End : | 1GR1A902XPB503577 | <input type="checkbox"/> Not sequential |
| VIN Range 6 : Begin : | 1GR1A9021PB503581 | End : | 1GR1A9023PB503582 | <input type="checkbox"/> Not sequential |
| VIN Range 7 : Begin : | 1GR1A9021PB503581 | End : | 1GR1A9023PB503582 | <input type="checkbox"/> Not sequential |

Description of Defect :

Description of the Defect : Certain 2023 model year Champion dry van trailers produced in the Brazil IN manufacturing facility may have been produced with the incorrect type axle spindle nuts.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Trailers equipped with the incorrect type axle spindle nuts may not have had the bearing end play set correctly. This could lead to bearing failure and potentially a wheel off incident. This could lead to a loss of control to the subject trailer, and/or a road hazard to other vehicles, increasing the chances of a crash or injury.

Description of the Cause : NR

Identification of Any Warning that can Occur : Preceding warning signs may include, leaking hub-caps, leaking wheel seals, discolored hub paint, and high bearing end play.

Involved Components :

Component Name 1 : Spindle Nut

Component Description : Once Piece Spindle Nut

Component Part Number : 40500290

Supplier Identification :**Component Manufacturer**

Name : NR

Address : NR

NR

Country : NR

Chronology :

June 15, 2022 Customer reported receiving 2 trailers with leaking hubs one that had the wheel fall off

June 15, 2022 Manufacturing facility put all remaining trailers on hold and began an investigation

June 20, 2022 Manufacturing facility reported on their findings as to the cause of the issue, and number of suspect trailers in the field

June 20, 2022 The issue was determined to be a safety issue and the customer was asked to remove all 7

suspect trailers from service.
June 23, 2022 Great Dane filed the initial notice of defect with the NHTSA

Description of Remedy :

Description of Remedy Program : The customer will check the endplay on the wheel bearings on all 7 units. If the endplay is found to be within tolerance, the customer will remove the two piece nut and install the correct one piece nut. If the endplay is found to be outside of tolerance, the customer will replace the bearings, seal, and grease and install the proper one piece nut.

How Remedy Component Differs from Recalled Component : It is a different style spindle nut that is only one piece instead of two.

Identify How/When Recall Condition was Corrected in Production : Once the customer reported the problem all remaining units at the plant were double checked. 06/15/2022

Recall Schedule :

Description of Recall Schedule : The customer has already been notified however we will send an official notification letter before 08/18/2022

Planned Dealer Notification Date : AUG 18, 2022 - AUG 18, 2022

Planned Owner Notification Date : AUG 18, 2022 - AUG 18, 2022

* NR - Not Reported