

Part 573 Safety Recall Report

23V-230

Manufacturer Name : Great Dane Trailers**Submission Date :** MAR 31, 2023**NHTSA Recall No. :** 23V-230**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 : 562

Estimated percentage with defect : 2 %

Vehicle Information :

Vehicle 1 : 2023-2023 Great Dane Champion Dry Van

Vehicle Type : TRAILERS

Body Style : OTHER

Power Train : NR

Descriptive Information : Great Dane Danville Produced 562, model year 2023 Champion Dry Van trailers with preset hub systems that required lubricant fill in our manufacturing facility. A quantity of those trailers have been found with deficient lubricant fill levels in the wheel hubs. Trailers not included in this recall were not equipped with the preset hub system.

Production Dates : OCT 31, 2022 - MAR 02, 2023

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

Description of the Defect : Certain 2023 Great Dane Champion Dry van trailer were produced in our Danville PA manufacturing facility using a preset hub system that may have received deficient lubricant fill levels in the wheel hubs.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Inadequate lubrication fill levels in the wheel hubs could lead to tapered roller bearings not receiving proper lubrication to support function. This could lead to a catastrophic failure of the hub bearings which could in an extreme case, cause the trailer's wheel/tire/hub assembly to become detached, increasing the possibility of a loss of stability and/or control of the vehicle leading to a crash. Further if the trailer's wheel/tire/hub assembly were to become detached it could create a hazard for other vehicles.

Description of the Cause : NR

Identification of Any Warning that can Occur : ABS malfunction indicator lamp my illuminate indicating excessive wheel end play.

Involved Components :

Component Name 1 : PreSet Plus Hubs

Component Description : Preset wheel hub with integrated spindle nut

Component Part Number : 40500219

Supplier Identification :

Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

Chronology :

Jan. 30, 2023 Customer reports a failed wheel hub. The cause of failure is not clear. Investigation into cause begins.

March 2, 2023 Customer reports a second failed wheel hub. Cause of failure determined to be insufficient lubricant fill at Great Dane Manufacturing Facility

March 15, 2023 Customer reports a third failed wheel hub.

March 15, 2023 Great Dane determines that a field campaign to inspect units produced at the same manufacturing facility should be undertaken and communicates this to the customer.

March 17, 2023 Great Dane provides a VIN list and inspection instructions to the customer.

March 20, 2023 Customer questions the inspection procedure and a meeting is held to iron out the procedure

March 22, 2023 Customer confirms the field inspection campaign with an anticipated start date of March 24, 2023

March 24, 2023 Customer reports a fourth failed wheel hub, but states that the failure date was Jan. 29, 2023. This failure had not been reported to the customer's corporate office or Great Dane prior to the distribution of the Field Inspection Campaign

March 27, 2023 Customer reports three trailers found with inadequate fill in one or more wheel hubs.

March 27, 2023 Great Dane notifies the customer of intent to file a 573 initial notice of defect with the NHTSA

March 31, 2023 Great Dane files initial notice of defect with the NHTSA

Description of Remedy :

Description of Remedy Program : The customer is to inspect the wheel hub lubricant fill on all 562 suspect units. The customer will be reimbursed 1 hour of labor per trailer inspected. Any trailers found with insufficient lubricant fill will be removed to the closest authorized Great Dane Service Center or Dealer to be repaired as needed at Great Dane's expense.

How Remedy Component Differs from Recalled Component : The remedied component will be filled with the appropriate quantity of lubricant.

Identify How/When Recall Condition was Corrected in Production : March 27, 2023 Great Dane Quality implemented a lubricant fill second tier inspection for all of its manufacturing facilities.

Recall Schedule :

Description of Recall Schedule : Great Dane intends to mail all notices by May 30th.

Planned Dealer Notification Date : MAY 30, 2023 - MAY 30, 2023

Planned Owner Notification Date : MAY 30, 2023 - MAY 30, 2023

* NR - Not Reported