

Part 573 Safety Recall Report

21V-383

Manufacturer Name : Great Dane Trailers**Submission Date :** JUL 08, 2021**NHTSA Recall No. :** 21V-383**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 : 63

Estimated percentage with defect : 86 %

Vehicle Information :

Vehicle 1 : 2022-2022 Great Dane Champion

Vehicle Type : TRAILERS

Body Style : OTHER

Power Train : NR

Descriptive Information : An audit of our quality documents revealed a potential of 54 trailers that had disc brake caliper mounting bolts that may not have been torqued properly. Most trailers show at most one fastener with improper torque. An additional 9 units were found to not have any quality documents retained. This effects a portion of a single order of trailers built in our Kewanee IL plant equipped with the Bendix Air Disc Brake system. Trailers outside of the suspect population of 63 have quality records that document proper torqueing of the caliper bolts.

Production Dates : DEC 15, 2020 - MAY 15, 2021

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

Description of the Defect : Certain trailers manufactured in our Kewanee IL manufacturing facility with Great Dane installed Air Disc Brakes may have been produced with improper torque on one or more of the caliper mounting bolts.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Improperly torqued caliper mounting bolts may come loose, and potentially fall out. If several bolts were to fall out on the same caliper, the caliper could become detached from its mount, and impact braking of the vehicle. This may lead to a loss of control of the vehicle, increasing the chances of a crash potentially causing injury or death.

Description of the Cause : NR

Identification of Any Warning NR
that can Occur :

Involved Components :

Component Name 1 : ADB Calipers

Component Description : Calipers for air disc brake system

Component Part Number : 40500285 and 40500286

Supplier Identification :

Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

Chronology :

05/10/2021: Customer informed Great Dane that they found caliper bolts either loose or missing on three of their new Great Dane Trailers

05/10/2021: Warranty Group notified Manufacturing Group of the complaint, and Manufacturing Group began researching the issue.

05/11/2021: Kewanee Manufacturing facility completed reinspecting all units still at the facility, and provided the dates that the three suspect units went through the torque station to Engineering.

05/11/2021: Engineering began to pull and review the caliper bolt torque data from our database.

05/17/2021: Engineering completes its initial analysis of the caliper bolt torque data from the database, and begins to work with Manufacturing to identify potentially affected VINs.

05/18/2021: Customer reported a fourth trailer with either loose or missing caliper bolts.

05/20/2021: Review of Engineering data suggesting trailers in the field with suspect fastener torque.

05/21/2021: Notified Manufacturing, Engineering and Quality of Intent to file 573 notice.

05/24/2021: Filed initial notice of defect with the NHTSA. Research into affected VINs remains ongoing.

06/09/2021: Updated the number of potentially involved units to 63 on NHTSA's recall portal after ongoing investigations into our quality documentation indicated an additional 13 suspect units.

Description of Remedy :

Description of Remedy Program :	The customer will be checking the torque on the caliper mounting bolts in their inhouse maintenance facilities. Great Dane will reimburse one half hour for inspection, and customers actual hours for repairs.
How Remedy Component Differs from Recalled Component :	After checking the torque, the fasteners will be torqued to specifications.
Identify How/When Recall Condition was Corrected in Production :	On May 11, 2021 the Kewanee Manufacturing facility completed reinspecting all units still at the facility and corrected and units that were found to not be torqued to specification. Engineering is continuing to implement a process to eliminate the potential for incorrect caliper bolt torque in future production of trailers with this specification.

Recall Schedule :

Description of Recall Schedule :	We intend to have all notifications sent out by 07/23/2021
Planned Dealer Notification Date :	JUL 23, 2021 - JUL 23, 2021
Planned Owner Notification Date :	JUL 23, 2021 - JUL 23, 2021

* NR - Not Reported