

Part 573 Safety Recall Report

21V-841

Manufacturer Name : Great Dane Trailers**Submission Date :** DEC 17, 2021**NHTSA Recall No. :** 21V-841**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 : 1,843

Estimated percentage with defect : 9 %

Vehicle Information :

Vehicle 1 : 2020-2022 Great Dane Everest, Champion, and Freedom

Vehicle Type : TRAILERS

Body Style : OTHER

Power Train : NR

Descriptive Information : WABCO informed Great Dane that some quantity of 2M iABS valves were shipped to Great Dane with low torque on screws used to attach a bracket cover and end covers. These valves were used to manufacture certain model year 2020-2022 Great Dane Everest refrigerated, Champion dry-van, and Freedom platform trailers in several Great Dane manufacturing facilities.

Production Dates : OCT 29, 2019 - OCT 06, 2021

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

Description of the Defect : Screws securing the bracket cover and end cover of certain iABS units may have been under-torqued, creating the potential for the screws to back out over time and create a loss of air pressure inside the valve.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : In under-torqued screws back out over time, there could be a potential loss of service braking or loss of control pressure for a trailer utilizing the iABS valve during operation without warning which could increase the risk of a vehicle crash

Description of the Cause : Machine logic at a WABCO rework station was incorrectly programmed to provide a lower torque to screws on valves that had undergone rework.

Identification of Any Warning that can Occur : NR

Involved Components :

Component Name 1 : iABS valve standard

Component Description : 2M ABS Valve

Component Part Number : 40513205

Component Name 2 : iABS valve Premium

Component Description : 2M ABS Valve

Component Part Number : 40500346

Supplier Identification :**Component Manufacturer**

Name : WABCO USA LLC

Address : 2135 West Maple Road
Troy Michigan 48084

Country : United States

Chronology :

09/22/2021 WABCO contacts GD Quality about the issue

09/22/2021 GD Quality Department notifies quality Managers at our manufacturing facilities

09/27/2021 GD Quality Department notifies GD Warranty Department that there may be affected valves in the field

10/18/2021 WABCO gives presentation to Great Dane detailing the defect and its possible affects

10/18/2021 GD Warranty Department asks GD Engineering Department to review the defect as a potential safety issue

10/20/2021 After review GD Engineering confirms that the defect could be a potential safety issue

10/20/2021 GD notified WABCO of its intent to file an initial notice of defect with the NHTSA

10/26/2021 GD Warranty had a discussion with the NHTSA to determine if we should file immediately or wait until we receive an office copy of WABCO's recall

10/26/2021 WABCO filed their initial notice of defect with the NHTSA

10/27/2021 Great Dane filed their initial notice of defect with the NHTSA

Description of Remedy :

Description of Remedy Program : VINs with ABS valves not on the list can be returned to service. VINs with ABS valves on the list should take their trailer to the nearest Great Dane branch or dealer for valve replacement. Repair facilities will work directly with WABCO for replacement valves, and billing.

How Remedy Component Differs from Recalled Component : Replacement iABS units have been assembled by WABCO using adequate torque applied to screws at both the bracket cover and end cover

Identify How/When Recall Condition was Corrected in Production : Great Dane began quarantining suspected iABS valves in our manufacturing facilities immediately after our internal quality meeting 09/22/2021

Recall Schedule :

Description of Recall Schedule : Great Dane intends to notify its customers and dealers within 60 days of this notice, once the field remedy is finalized and any required parts are in place.

Planned Dealer Notification Date : DEC 24, 2021 - DEC 24, 2021

Planned Owner Notification Date : DEC 24, 2021 - DEC 24, 2021

* NR - Not Reported