

Part 573 Safety Recall Report

21V-094

Manufacturer Name : Great Dane Trailers**Submission Date :** JUN 16, 2021**NHTSA Recall No. :** 21V-094**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 : 1,770

Estimated percentage with defect : 86 %

Vehicle Information :

Vehicle 1 : 2021-2022 Great Dane Champion and Everest

Vehicle Type : TRAILERS

Body Style : OTHER

Power Train : NR

Descriptive Information : The population includes all trailers equipped with the WABCO 2S/2M iABS system manufactured prior to discovery of the installation instruction error within the software used for end-of-line brake validation tests.

Production Dates : SEP 03, 2020 - JAN 11, 2021

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

Description of the Defect : Great Dane LLC has discovered that a defect may exist in certain model year 2021 and 2022 Champion dry van trailers manufactured in our Brazil IN, Danville PA, Elysburg PA, Kewanee IL, and Terre Haute IN, manufacturing facilities, as well as certain model year 2022 Everest refrigerated van trailers manufactured in our Brazil IN manufacturing facility, all equipped with 2S/2M WABCO iABS systems. Great Dane has found an error in the installation instructions within the software used for the end-of-line brake validation tests, and because of that some trailers within the listed groups may have sensor cables plugged into the wrong ports on the ECU.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : The installation of the sensor cables into the incorrect ports on the ECU may cause the antilock portion of the braking system to malfunction during particular ABS events, this could result in longer than anticipated stopping distances and/or increase the risk of a crash. It is important to note that even with the potential installation issue, the pneumatic brakes will continue to operate normally outside of an ABS event, and that no accidents or injuries

have been reported from the field so far.

Description of the Cause : NR

Identification of Any Warning
that can Occur : NR

Involved Components :

Component Name 1 : WABCO iABS ECU

Component Description : 2S/2M ABS system with the iABS type ECU

Component Part Number : NR

Supplier Identification :

Component Manufacturer

Name : ZF Wabco

Address : 1220 Pacific Drive
Auburn Hills Michigan 48326

Country : United States

Chronology :

1/3/2021 Manufacturing Lean Alert to supplier of potential issue/problem with iABS 2S/2M end of line instruction software

1/3/2021-1/11/2021 Supplier and Manufacturing review of issue, cause and if any potentially manufactured trailers were involved

1/12/2021 Supplier conference call Manufacturing containment for potentially affected trailers

1/12/2021-1/13/2021 Potential population of trailers released-one customer identified

1/14/2021 Notified the NHTSA of investigation into potential issue

1/14/2021 Coordinated with customer to visually inspect random suspect trailers

1/15/2021 Sent correspondence to (3) factory branches to inspect trailers

1/18/2021 Requested the supplier provide explanation of issue, root cause as well as visual inspection and repair guidance

1/21/2021 Identified trailers in the field with issues via visual inspection

1/21/2021 Identified second customer involved with field suspect trailers

1/22/2021 Supplier conference call. Status updated.

1/26/2021 Supplier conference call. Review of issue/problem, root cause, containment and internal supplier corrective action.

Visual inspection and repair procedure discussion and review of supplier risk assessment.

1/26/2021 Notified the NHTSA of trailers identified in the field and intent to perform a non-safety field campaign
2/10/2021 Provided additional information for the NHTSA to review
2/12/2021 Response from the NHTSA after information review
2/12/2021 Response to the NHTSA of intent to perform field safety recall under their advice
02/18/2021 Filed initial notice of defect with the NHTSA

Description of Remedy :

Description of Remedy Program : Great Dane LLC has produced a field inspection and repair procedure to address this possible issue. Inspection and repairs may take place at Branches, Dealers, or Authorized repair facilities. Great Dane will reimburse all repair facilities directly. The inspection and repair should take approximately 15 minutes.

How Remedy Component Differs from Recalled Component : The remedy is to inspect the routing of iABS sensor cables and if found to be crossed, unplug the sensor cables from their current ports on the iABS ECU and replug them into the correct ports.

Identify How/When Recall Condition was Corrected in Production : The installation instructions were corrected in the end-of-line ABS validation software on 01/11/2021

Recall Schedule :

Description of Recall Schedule : Once a recall number is issued and the customer notification letter is approved Great Dane plans to notify affected customers by March 1, 2021

Planned Dealer Notification Date : MAR 01, 2021 - MAR 01, 2021

Planned Owner Notification Date : MAR 01, 2021 - MAR 01, 2021

* NR - Not Reported