

Part 573 Safety Recall Report

22V-734

Manufacturer Name : Great Dane Trailers**Submission Date :** SEP 30, 2022**NHTSA Recall No. :** 22V-734**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 : 2,439

Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2023-2023 Great Dane Everest and Champion

Vehicle Type : TRAILERS

Body Style : OTHER

Power Train : NR

Descriptive Information : The population includes certain 2023 Everest Reefer, and Champion Dry trailers equipped with Holland axles provided with Haldex disc brakes manufactured at the Haldex Monterrey Facility starting with initial production 2/11/21 and ending when containment was implemented on 09/15/22.

Production Dates : JAN 13, 2022 - SEP 26, 2022

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

Description of the Defect : The brake pad retaining assembly on certain Haldex air disc brakes (ADB) may contain an improperly installed retaining clip. If the retaining clip is improperly installed, the retainer bar may move and fail to retain the brake pads fully within the brake assembly, especially under road vibration conditions. Brake pads do not detach from the brake assembly but a loose brake pad, retainer bar, or retaining clip may come in contact with other nearby wheel components, and the retaining clip or retainer bar may fall into the road

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Under certain road use conditions, an improperly installed retaining clip may enable the retainer bar and retaining clip to detach from the brake and may allow the brake pad to loosen. A loose brake pad may slightly reduce brake effectiveness, and may cut a tire valve resulting in a flat tire, and eventually can cause damage to the brake pad or wheel. A detached retaining clip or retainer bar may come in contact with other vehicle parts and may fall onto

the roadway, creating road debris and a potential traffic hazard.

Description of the Cause : An incomplete manual assembly process resulted in inconsistent installation of the retaining clip and brake pad retainer bar.

Identification of Any Warning that can Occur : NR

Involved Components :

Component Name 1 : Air Disc Brake pad retaining clip

Component Description : The clip to retain the air disc brake pads into the caliper

Component Part Number : ModulT Gen II Air Disc Brake

Supplier Identification :

Component Manufacturer

Name : Haldex Commercial Vehicle Systems

Address : 10930 North Pomona Avenue
Kansas City Missouri 64153

Country : United States

Chronology :

Sept. 13, 2022 Great Dane received a report from a customer about an on-road incident that appeared to involve the subject component. The incident appeared to involve the retaining clip installation described above. Great Dane reported the incident to our axle supplier.

Sept. 15, 2022 a second incident was reported that appeared unrelated based on the initial information received. The axle manufacturer also was provided photographs of apparent clip misalignment on un-installed units. Great Dane began working to isolate affected unit in our manufacturing facilities to prevent shipping.

Sept. 19, 2022 Haldex began sending inspection teams to Great Dane manufacturing locations and trailer customer locations.

Sept. 21, 2022 Haldex confirmed that the second incident reported by the trailer manufacturer did in fact involve an improperly assembled brake retaining clip. This was confirmed by onsite inspection of the subject trailer showing that the brake retaining clip and retainer bar were missing. Haldex's investigation indicated that even though overall trailer braking function was minimally impacted, a loose retainer bar or retaining clip could hit other vehicle components, and may result in the retaining clip or retainer bar hitting the roadway and creating a road hazard.

Sept. 21, 2022, Haldex determined that an unreasonable risk to motor vehicle safety resulting from the improperly assembled clip could not be ruled out and reported that to Great Dane

Sept. 30, 2022, Great Dane filed the initial notice of defect with the NHTSA

Description of Remedy :

Description of Remedy Program : Haldex, their representative(s), or other trained technicians will inspect and, if necessary, repair the improperly assembled spring bracket assembly.

How Remedy Component Differs from Recalled Component : A remedied component has the retainer bar fully seated in the notch with the retaining clip fully protruding through the retaining clip window on the retainer bar.

Identify How/When Recall Condition was Corrected in Production : Haldex has identified the assembly plant at which the subject ADBs were produced and has implemented corrective actions and mistake-proofing in the assembly process to ensure that future shipments are properly assembled.
Corrective action at the assembly plant was implemented on September 19, 2022.

Recall Schedule :

Description of Recall Schedule : Great Dane intends to perform all notifications by 11/29/2022
Planned Dealer Notification Date : NOV 29, 2022 - NOV 29, 2022
Planned Owner Notification Date : NOV 29, 2022 - NOV 29, 2022

* NR - Not Reported