

Part 573 Safety Recall Report

22E-102

Manufacturer Name : Hendrickson USA. L.L.C.

Submission Date : JAN 04, 2023

NHTSA Recall No. : 22E-102

Manufacturer Recall No. : NR



Manufacturer Information :

Manufacturer Name : Hendrickson USA. L.L.C.

Address : 2021 Parkside Drive
Schaumburg IL 60173

Company phone : 630-773-9111

Population :

Number of potentially involved : 12

Estimated percentage with defect : 1 %

Equipment Information :

Brand / Trade 1 : Hendrickson

Model : VANTRAAX trailer slider suspension and axle assembly

Part No. : VANTRAAX.34502

Size : NR

Function : Suspension/axle

Descriptive Information : A limited number of Hendrickson VANTRAAX trailer slider suspension and axle assemblies equipped with Haldex ModulT Gen II air disc brakes (which subsequently became subject to NHTSA Recall No. 22E-081 issued by Haldex Brake Products Corporation ("Haldex")) were installed by Vanguard National Trailer Corp. ("Vanguard") on certain trailers it manufactured. Haldex manufactured the affected ModulT Gen II air disc brakes between 02/11/21 and 09/14/22.

Production Dates : APR 05, 2022 - APR 13, 2022

Description of Defect :

Description of the Defect : Haldex advises:

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 : Haldex advises:

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

Such circumstances can create an increased risk of a potential crash or injury. Hendrickson has not received any field reports of any of such circumstances actually occurring with any of the affected ModulT Gen II air disc brakes equipped on the above-referenced population of VANTRAAX assemblies.

Description of the Cause : Haldex advises:

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 : Haldex has not provided any such details.

Involved Components :

Component Name : ModulT Gen II air disc brake

Component Description : Air disc brake

Component Part Number : NR

Supplier Identification :**Component Manufacturer**

Name : Haldex Brake Products Corporation

Address : 10930 North Pomona Avenue
Kansas City Missouri 64153

Country : United States

Chronology :

09/23/22 – Haldex notified Hendrickson that it had identified a potential retaining clip field issue regarding certain Haldex ModulT Gen II air disc brakes sold to Hendrickson.

09/23/22 – Hendrickson notified Vanguard that Haldex had identified a potential retaining clip field issue regarding certain Haldex ModulT Gen II air disc brakes sold to Hendrickson, and that such components were equipped on certain Hendrickson VANTRAAX assemblies sold to Vanguard.

09/28/22 – Hendrickson confirmed the completion of inspections and any necessary repairs, per Haldex procedures, of the ADB retaining clips on all affected Haldex ModulT Gen II air disc brakes that were identified and quarantined in Hendrickson's plants.

10/06/22 – Hendrickson received confirmation from Haldex that its representative had completed inspections and any necessary repairs, per Haldex procedures, of the ADB retaining clips on the population of 12 VANTRAAX assemblies (each equipped with 4 affected Haldex ModulT Gen II air disc brakes) installed on Vanguard trailers currently operating in the field. Haldex coordinated such work with Vanguard and its applicable trucking fleet customer.

10/07/22 – Hendrickson received from Haldex a copy of its 09/29/22 Important Safety Recall notification letter and associated documents regarding NHTSA Recall No. 22E-081.

Description of Remedy :

Description of Remedy Program :	Haldex and its representatives have already assisted with the completion of inspections and any necessary repairs, per Haldex procedures, of the ADB retaining clips on (i) the population of 12 VANTRAAX assemblies (each equipped with 4 affected Haldex ModulT Gen II air disc brakes) shipped to Hendrickson's applicable customer, Vanguard National Trailer Corp. ("Vanguard"), and (ii) a total of 92 affected Haldex ModulT Gen II air disc brakes that were identified and quarantined in Hendrickson's plants before installation on any other VANTRAAX assemblies. All such inspections and any necessary repairs have been completed. Hendrickson has closed this matter on its end.
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 :	<p>Haldex advises:</p> <p>It 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 Haldex assembly plant was implemented on 09/19/22.</p> <p>On 09/28/22, Hendrickson confirmed the completion of inspections and any necessary repairs, per Haldex procedures, of the ADB retaining clips on all affected Haldex ModulT Gen II air disc brakes that were identified and quarantined in Hendrickson's plants.</p>

Recall Schedule :

Description of Recall Schedule : On 09/23/22, Hendrickson notified Vanguard that Haldex had identified a potential retaining clip field issue regarding certain Haldex ModulT Gen II air disc brakes sold to Hendrickson, and that such components were equipped on certain Hendrickson VANTRAAX assemblies sold to Vanguard.

On 10/06/22, Hendrickson received confirmation from Haldex that its representative had completed inspections and any necessary repairs, per Haldex procedures, of the ADB retaining clips on the population of 12 VANTRAAX assemblies (each equipped with 4 affected Haldex ModulT Gen II air disc brakes) installed on Vanguard trailers currently operating in the field. Haldex coordinated such work with Vanguard and its applicable trucking fleet customer.

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : NR - NR

Purchaser Information :

The following manufacturers purchased this defective/noncompliant equipment for possible use or installation in new motor vehicles or new items of motor vehicle equipment:

Name : Vanguard National Trailer Corp.

Address : 289 East Water Tower Dr.
Monon IN 47959

Country : US

Company Phone : 219-253-2000

* NR - Not Reported