

Part 573 Safety Recall Report

21V-226

Manufacturer Name : Navistar, Inc.

Submission Date : APR 01, 2021

NHTSA Recall No. : 21V-226

Manufacturer Recall No. : 21502



Manufacturer Information :

Manufacturer Name : Navistar, Inc.

Address : 2701 Navistar Drive
Lisle IL 60532

Company phone : 331-332-1590

Population :

Number of potentially involved : 615

Estimated percentage with defect : 10 %

Vehicle Information :

Vehicle 1 : 2021-2021 International LT

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information :

- The suspect population is identified by models equipped with feature code 04AAR (Park Brake Chambers; spring type, T20/24 Sq. In. for Air Disc brakes (brake chambers or spring brake).
- The inclusive dates of manufacture were determined by vehicles built with spring brake chambers from sub supplier TSE Brakes lot F5Z.
- The vehicles in the suspect population were built with spring brake chambers from sub supplier TSE Brakes lot F5Z and all other similar vehicles were not. There are 613 LT series trucks in the suspect population.

Production Dates : FEB 11, 2020 - JUL 16, 2020

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Vehicle 2 : 2021-2021 International RH

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information :

- The suspect population is identified by models equipped with feature code 04AAR (Park Brake Chambers; spring type, T20/24 Sq. In. for Air Disc brakes (brake chambers or spring brake).
- The inclusive dates of manufacture were determined by vehicles built with spring brake chambers from sub supplier TSE Brakes lot F5Z.
- The vehicles in the suspect population were built with spring brake chambers from sub supplier TSE Brakes lot F5Z and all other similar vehicles were not. There are 2 RH series trucks in the suspect population.

Production Dates : MAR 26, 2020 - JUL 06, 2020

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Description of Defect :

Description of the Defect : • The spring brake chamber may have been assembled with springs with perpendicularity out of specification.
• A spring out of perpendicularity specification may shift the pressure plate within the spring brake chamber and over time can wear a hole through the spring brake diaphragm resulting in an air leak.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : An air leak in the spring brake chamber may result in an uncommanded application of the parking brakes and increase the risk of a vehicle crash.

Description of the Cause : The tooling used in the spring hardening process by TSE Brakes was misadjusted and may result in the tooling to come into contact with the red-hot spring end during the hardening process causing the spring perpendicularity to become out of specification.

Identification of Any Warning that can Occur : The truck low air warning system will activate a warning light and an audible buzzer long before the parking brake begins to slowly apply.

Involved Components :

Component Name 1 : Spring brake chamber

Component Description : Spring brake chamber; T20/24 Sq. In. for Air Disc brakes.

Component Part Number : Meritor P/N D33376T20

Supplier Identification :**Component Manufacturer**

Name : Meritor

Address : 2135 West Maple
Troy Michigan 48084

Country : United States

Chronology :

The Chronology exceeds the maximum characters allowed and will be submitted as a Miscellaneous supporting document.

Description of Remedy :

Description of Remedy Program : • The remedy will involve an inspection of all brake chambers for a shifted pressure plate; and replacing all brake chambers found to have the shifted pressure plate.
• Navistar's plan for reimbursement of pre-notification remedies, on file with NHTSA and dated 10/03/2018, applies and reimbursement instructions will be included in the customer notification.

How Remedy Component Differs from Recalled Component : The remedy spring brake chambers are assembled with spring perpendicularity within proper specification and the recalled parking brake chambers were not.

Identify How/When Recall Condition was Corrected in Production : 07/16/2020 – Navistar began vehicle production with spring brake chambers assembled with spring perpendicularity certified to be within proper specification by TSE Brakes.

Recall Schedule :

Description of Recall Schedule : It is estimated that the Customer and Dealer notification letters will be mailed by 05/31/2021.

Planned Dealer Notification Date : MAY 31, 2021 - MAY 31, 2021

Planned Owner Notification Date : MAY 31, 2021 - MAY 31, 2021

* NR - Not Reported