

# Part 573 Safety Recall Report

# 18V-306

**Manufacturer Name :** Navistar, Inc.

**Submission Date :** MAY 11, 2018

**NHTSA Recall No. :** 18V-306

**Manufacturer Recall No. :** 18507



## Manufacturer Information :

Manufacturer Name : Navistar, Inc.

Address : 2701 Navistar Drive

Lisle IL 60532

Company phone : 331-332-1590

## Population :

Number of potentially involved : 149

Estimated percentage with defect : 100 %

## Vehicle Information :

Vehicle 1 : 2019-2019 International LT

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : Heavy Diesel Truck; GVWR of 26,001 to 55,001 and over.

The suspect population is identified by models equipped with feature code 29WAY, 504312, and 504455.

The inclusive dates of manufacture were determined from when this specific combination of feature codes became available for production until this specific combination of feature codes was blocked from production.

Production Dates : JAN 08, 2018 - APR 21, 2018

VIN Range 1 : Begin :

NR

End : NR

Not sequential

## Description of Defect :

**Description of the Defect :** The combination of the light weight brake drums with slack adjusters for minimal gap between the brake drum and brake linings, may cause brake drum dragging resulting in elevated drum temperatures that can cause degradation of the brake shoe linings. Continued brake drum overheating over time could result in brake drum cracking across the drum and around the radius.

Cracking across the brake drum and around the radius may result in a portion of the brake drum separating from the vehicle and will also result in an inoperative brake on the affected wheel end.

FMVSS 1 : NR

FMVSS 2 : NR

**Description of the Safety Risk :** If a portion of the brake drum separates from a wheel end during operation on the roadway, the loose part could hit another vehicle resulting in a vehicle crash.

An inoperative brake on the affected wheel end could also result in an unexpected increase in stopping distance and may contribute to a vehicle crash and may result in property damage or personal injury.

**Description of the Cause :** When the 29WAY, 504312, and 504455 combination option was inserted as a selection in Navistar's vehicle order coding, there was no study completed to ensure component compatibility of this specific feature combination.

**Identification of Any Warning that can Occur :** During pre-trip inspection, the operator may notice cracking in the drive axle brake drums.

## Supplier Identification :

### Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

## Chronology :

04/27/2018 – Navistar receives communication of a field report where a portion of the rear axle brake drum separated from the vehicle.

05/01/2018 – Navistar Field Service receives report of an additional brake drum failure.

05/02/2018 – Engineering travels to inspect the vehicle with the failed drum. Inspection of the other wheel ends shows evidence of heat checking on the wear surface. Engineering determined that the stated combination of brake features may contribute to a brake dragging situation that started early in service and occurred over a long period of time.

05/03/2018 – Navistar blocks combination of brake feature codes to contain the population and finalizes suspect population.

05/07/2018 – Navistar declares a Safety Recall.

## Description of Remedy :

Description of Remedy Program : The remedy will involve replacing the brake drum and slack adjuster to a proven design and replacing the linings due to possible overheating.

Navistar's plan for reimbursement of pre-notification remedies, on file with NHTSA and dated 10/28/2015, applies and reimbursement instructions will be included in the customer notification.

How Remedy Component Differs from Recalled Component : The remedy brake drum and slack adjuster combination are not subject to brake drum overheating as compared to the suspect feature code combination.

Identify How/When Recall Condition was Corrected in Production : 05/03/2018 – Navistar blocks feature codes of the suspect drum and slack adjuster combination from production.

## Recall Schedule :

Description of Recall Schedule : It is estimated that the Customer and Dealer notification letters will be mailed by 05/31/2018.

Planned Dealer Notification Date : MAY 31, 2018 - MAY 31, 2018

Planned Owner Notification Date : MAY 31, 2018 - MAY 31, 2018

\* NR - Not Reported