

# Part 573 Safety Recall Report

## 20V-229

**Manufacturer Name :** Navistar, Inc.

**Submission Date :** APR 22, 2020

**NHTSA Recall No. :** 20V-229

**Manufacturer Recall No. :** 20503



### Manufacturer Information :

Manufacturer Name : Navistar, Inc.

Address : 2701 Navistar Drive  
Lisle IL 60532

Company phone : 331-332-1590

### Population :

Number of potentially involved : 130

Estimated percentage with defect : 1 %

### Vehicle Information :

Vehicle 1 : 2019-2019 International WorkStar

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 02GAE (Meritor MX-14-120 EVO steer axle).
- The inclusive dates of manufacture were determined when Navistar began vehicle assembly with suspect steer axle assemblies through the date Navistar began use of steer axles certified to have proper lubricant in the hub assemblies.
- The vehicles in the suspect population may have been built with insufficient lubricant in the hub assemblies.

There are 116 WorkStar model trucks in the suspect population.

Production Dates : MAY 09, 2018 - DEC 17, 2018

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Vehicle 2 : 2019-2019 International HV

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 02GAE (Meritor MX-14-120 EVO steer axle).
- The inclusive dates of manufacture were determined when Navistar began vehicle assembly with suspect steer axle assemblies through the date Navistar began use of steer axles certified to have proper lubricant in the hub assemblies.
- The vehicles in the suspect population may have been built with insufficient lubricant in the hub assemblies.

There are 14 HV series trucks in the suspect population.

Production Dates : SEP 07, 2018 - DEC 18, 2018

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

**Description of Defect :**

Description of the Defect : The steer axle hubs may not have lubricant filled to the proper level at time of assembly, and in some case no lubricant at all which may result in wheel bearing damage and in extreme instances, separation of the wheel.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If the hub does not have proper lubricant, there is risk of possible wheel separation from the front axle spindle which can increase the risk of a vehicle crash.

Description of the Cause : Some steer axle hub assemblies were not filled with lubricant to the proper level.

Identification of Any Warning that can Occur : Smoke or noise coming from the front wheel if lube isn't present.

**Involved Components :**

Component Name 1 : Meritor MX-14-120 EVO steer axle

Component Description : Driven Steer Axle

Component Part Number : Meritor P/N MX120 EVO

**Supplier Identification :****Component Manufacturer**

Name : Meritor

Address : 2135 West Maple Road  
Troy MICHIGAN 48084

Country : United States

**Chronology :**

- 05/13/2019 – Navistar receives communication of a vehicle that experienced separation of a wheel from an EVO steer axle and notifies Meritor.
- 05/14/2019 – Navistar notifies Meritor of a second EVO steer axle that experienced a wheel separation and initiate an investigation into the issue. Meritor contains the issue in their EVO steer axle assembly process.
- 05/15/2019 – Navistar quarantines all vehicles built with EVO steer axle assemblies and EVO Steer Axle assemblies at their vehicle assembly plants. Through the ship hold process, Navistar identified one additional vehicle that did not have lube in the steer axle hub assemblies.

- 05/17/2019 – Navistar notified field service managers to arrange for inspection for presence of lube on as many suspect units as possible.
- 05/23/2019 – Field inspection of 23 vehicles did find one additional vehicle with no lube present in the steer axle hubs.
- 05/23/2019 – Meritor files 573 report to NHTSA.
- 06/03/2019 – Navistar finalizes the suspect population and declares a Safety Recall (19509).
- 04/13/2020 – Navistar receives 577 customer notice from Meritor dated 3/22/20 explaining they have submitted an amended 573 Defect Report for Meritor recall 19E036 to NHTSA on 02/19/2020. Navistar meets with Meritor and initiates investigation to determine the scope of the additional suspect axles in International trucks. Meritor reported that axles were identified without lube built prior to the previous recall. Therefore, it was necessary to expand the recall to capture the larger suspect population.
- 04/14/2020 – Navistar and Meritor meet to determine the criteria for the new suspect population.
- 04/15/2020 – Navistar finalizes the suspect vehicle population.
- 04/17/2020 – Navistar declares a new Safety Recall for the additional suspect population.

## Description of Remedy :

Description of Remedy Program :	<ul style="list-style-type: none"> <li>• The remedy will involve inspecting the steer axle wheel hubs for proper fluid level and repair any wheel end components and spindle found with damage.</li> <li>• 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.</li> </ul>
How Remedy Component Differs from Recalled Component :	The remedy wheel hub assembly will contain the proper lubricant level where the recalled hub assembly did not have the proper fluid level.
Identify How/When Recall Condition was Corrected in Production :	05/15/2019 – Navistar began use of steer axles certified to have the proper level of lubricant in the hub assemblies.

## Recall Schedule :

Description of Recall Schedule :	It is estimated that the Customer and Dealer notification letters will be mailed by 05/01/2020.
Planned Dealer Notification Date :	MAY 01, 2020 - MAY 01, 2020
Planned Owner Notification Date :	MAY 01, 2020 - MAY 01, 2020

\* NR - Not Reported