

# Part 573 Safety Recall Report

# 17V-174

**Manufacturer Name :** Navistar, Inc.**Submission Date :** JUL 12, 2017**NHTSA Recall No. :** 17V-174**Manufacturer Recall No. :** 17502**Manufacturer Information :**

Manufacturer Name : Navistar, Inc.

Address : 2701 Navistar Drive

Lisle IL 60532

Company phone : 331-332-1590

**Population :**

Number of potentially involved : 2,786

Estimated percentage with defect : 100 %

**Vehicle Information :**

Vehicle 1 : 2017-2018 International LoneStar

Vehicle Type : BUSES, MEDIUM &amp; HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : Heavy Diesel Truck; GVWR of 33,001 to 55,001 and over with Battery Box feature code 08XJZ, 08XHJ, 08H XK, or 08HXL and Cab feature code 16AUS, 16AUM, 16AUN, or 16AUP.

Production Dates : JUN 07, 2016 - JAN 09, 2017

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2016-2018 International LT

Vehicle Type : BUSES, MEDIUM &amp; HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : Heavy Diesel Truck; GVWR of 26,001 to 55,001 and over with Battery Box feature code 08XJZ, 08XHJ, 08H XK, or 08HXL and Cab feature code 16AUS, 16AUM, 16AUN, or 16AUP.

Production Dates : JUN 01, 2015 - JAN 12, 2017

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 3 : 2016-2017 International ProStar

Vehicle Type : BUSES, MEDIUM &amp; HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : Heavy Diesel Truck; GVWR of 26,001 to 55,001 and over with Battery Box feature code 08XJZ, 08XHJ, 08H XK, or 08HXL and Cab feature code 16AUS, 16AUM, 16AUN, or 16AUP.

Production Dates : MAY 05, 2015 - DEC 22, 2016

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 4 : 2017-2018 International RH

Vehicle Type : BUSES, MEDIUM &amp; HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : Heavy Diesel Truck; GVWR of 33,001 to 55,001 and over with Battery Box feature code 08XJZ, 08XHJ, 08HXK, or 08HXL and Cab feature code 16AUS, 16AUM, 16AUN, or 16AUP.

Production Dates : MAR 30, 2016 - DEC 14, 2016

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

## Description of Defect :

Description of the Defect : The air dryer mounting bracket may fracture, which could cause the air dryer to separate from the vehicle frame with possible airline separation from the dryer, resulting in air system leaks or loss of air pressure to the brake system.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : The air dryer separating from the vehicle may lead to airline separation from the dryer which depending on which line separates could cause loss of air in the brake system or increased stopping distances which could increase the risk of a crash.

Description of the Cause : The fracture is the result of insufficient material strength resulting in a bracket fatigue failure.

Identification of Any Warning that can Occur : If an airline were to separate from the dryer during operation, the driver may notice loss of air pressure on the air gauge or hear an audible buzzer in the cab.

## Supplier Identification :

### Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

## Chronology :

- 11/24/2016 – Navistar receives first communication from the field describing an air dryer mounting bracket failure resulting in air system leaks.

- 12/05/2016 – Navistar initiates warranty and field report data review to determine possible occurrences of air dryer mounting bracket cracking or breaking.
- 12/15/2016 – Engineering analyzes testing process to determine load stress leading to bracket cracking.
- 01/11/2017 – Engineering initiates a containment action by changing to a redesigned air dryer bracket in production.
- 01/19/2017 – Field service receives a second report of a fractured air dryer bracket.
- 01/20/2017 – Navistar Product Compliance and Engineering initiate investigation to determine the scope of the issue.
- 02/08/2017 – Navistar Engineering completes load stress testing.
- 2/20/2017 – Engineering, Quality, and Compliance review the effects of separation of each airline from the air dryer if it were to separate from the frame as a result of a bracket fracture.
- 03/03/2017 – Navistar completes warranty and field report review. During this time Navistar identified 4 of 13 total claims where the air dryer mounting bracket had broken. The other 9 reports were related to the air dryer mounting bracket being cracked.
- 03/08/2017 – Navistar finalizes suspect population and declares a Safety Recall.

## Description of Remedy :

Description of Remedy Program : • The remedy will involve replacing the air dryer mounting bracket with a bracket made of heavier gauge steel and thicker gussets.  
• 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 air dryer bracket is made of heavier gauge steel with a thicker gusset than the recalled air dryer bracket.

Identify How/When Recall Condition was Corrected in Production : 01/11/2017 – Navistar production began use of the redesigned air dryer bracket.

## Recall Schedule :

Description of Recall Schedule : It is estimated that the customer and dealer notification letters will be mailed by 05/12/2017.

Planned Dealer Notification Date : MAY 12, 2017 - MAY 12, 2017

Planned Owner Notification Date : MAY 12, 2017 - MAY 12, 2017

\* NR - Not Reported