

Part 573 Safety Recall Report**15V-329****Manufacturer Name :** Navistar, Inc.**Submission Date :** MAY 20,2015**NHTSA Recall No. :** 15V-329**Manufacturer Recall No. :** 15511**Manufacturer Information :**

Manufacturer Name : Navistar, Inc.

Address : 2701 Navistar Drive
Lisle IL 60532

Company phone : 331-332-1590

Population :

Number of potentially involved : 102

Estimated percentage with defect : 100

Vehicle Information :

Vehicle : 2015-2016 International 9900

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : Heavy Diesel Truck, GVWR of 33,001 to 55,001 and over and built with feature code 07MCJ (6" diameter stack tail pipe).

Production Dates : JAN 06, 2014 - MAR 12, 2015

VIN (Vehicle Identification Number) Range

Begin : NR

End : NR

 Not sequential VINs

Vehicle : 2015-2016 International LoneStar

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : Heavy Diesel Truck, GVWR of 33,001 to 55,001 and over and built with feature code 07MCJ (6" diameter stack tail pipe).

Production Dates : FEB 20, 2014 - MAR 13, 2015

VIN (Vehicle Identification Number) Range

Begin : NR

End : NR

 Not sequential VINs**Description of Defect :**

Description of the Defect : The unsupported weight of the upper stack tail pipe and vibration associated with normal vehicle operation over time may cause a crack of the weld joint between the inlet pipe and the flare expansion of the stack tail pipe, which may result in partial or full separation of the stack tail pipe from the vertical exhaust pipe.

Description of the Safety Risk : If the stack tail pipe separates from the vertical exhaust pipe during vehicle operation, the tail pipe could either hit another vehicle in the roadway or land in the roadway and be hit by another vehicle which could result in property damage or personal injury.

Description of the Cause : The weld and subsequent grind process for attaching the flare expansion pipe to the vertical exhaust pipe is a manual process by Riker. An incomplete weld, or too much material removed during the grinding process, could result in an incomplete attachment of the two parts.

Identification of Any Warning that can Occur : Inspection of the joint between the flare pipe and vertical exhaust pipe would indicate cracks prior to separation.

Supplier Identification :**Component Manufacturer**

Name : Riker Products

Address : 4901 Stickney Ave.

Toledo OHIO 43612

Country : United States

Chronology :

- 02/12/2015 – Navistar receives communication from International dealer regarding a stack tail pipe cracking at weld joint at expansion flare resulting in tail pipe separation from the vertical exhaust pipe.
- 02/13/2015 – Navistar Engineering, Product Compliance, Customer Service, and Riker Products initiates investigation to understand the scope of the issue.
- 02/20/2015 – Navistar Engineering and Riker Products failure analysis indicates weld discontinuities present along the circumference of the weld joint. The weld joint could fail due to insufficient weld and compromised further by subsequent grinding.
- 02/25/2015 Navistar initiates a field inspection of pipes in the field to determine if the failure mode can be detected and determine extent of the suspect population.
- 03/13/2015 – Navistar quarantines all suspect stack tail pipes at manufacturing plants.
- 04/06/2015 – Navistar was informed that Riker made a manufacturing change in June of 2014 where all pipes were welded. Warranty analysis finds 14 reports of cracks which include three reports of separation of the tail pipe. However, some warranty reports were on vehicles built prior to the Riker manufacturing change.
- 04/27/15 - Navistar Engineering, Customer Service, and Product Compliance meet to review field inspections and find some pipes welded prior to June process change.
- 05/11/2015 – Follow-up meeting to review field inspections and supplier data. Team informed that Riker did use the weld process occasionally for repairing pipes produced with the original forming process due to high scrap rates. This information increased the scope of stack tail pipes manufactured since January of 2014.
- 05/12/2015 – Navistar Product Compliance finalizes suspect population.
- 05/13/2015 – Navistar declares a Safety Recall.

Description of Remedy :

Description of Remedy Program : • The remedy will involve replacing the defective stack tail pipes with approved stack tail pipes on suspect population.

• Navistar's plan for reimbursement of pre-notification remedies, on file with NHTSA and dated 5/9/2014, applies and reimbursement instructions will be included in the customer notification.

How Remedy Component Differs from Recalled Component : The remedy stack tail pipes are manufactured from a one piece construction process verses the defective stack tail pipes manufactured from a two piece construction process.

Identify How/When Recall Condition was Corrected in Production : 03/14/2015 – Navistar Manufacturing begins use of approved stack tail pipes at all assembly plants.

Recall Schedule :

Description of Recall Schedule : It is estimated that the customer and dealer notification letters will be mailed by 07/20/2015.

Planned Dealer Notification Date : JUL 20, 2015 - JUL 20, 2015

Planned Owner Notification Date : JUL 20, 2015 - JUL 20, 2015

* NR - Not Reported