

Part 573 Safety Recall Report

16V-556

Manufacturer Name : Navistar, Inc.

Submission Date : JUL 25, 2016

NHTSA Recall No. : 16V-556

Manufacturer Recall No. : 16508



Manufacturer Information :

Manufacturer Name : Navistar, Inc.

Address : 2701 Navistar Drive

Lisle IL 60532

Company phone : 331-332-1590

Population :

Number of potentially involved : 3,952

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2014-2017 International ProStar

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style :

Power Train : DIESEL

Descriptive Information : GVWR of 26,001 to 55,001 and over and built with feature 08WSP.

Production Dates : JUN 11, 2013 - MAY 19, 2016

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : The battery mounted cube fuse terminal connection on certain ProStar model trucks built with the battery box mounted between the frame rails may possibly break resulting in loss of power to the cab.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : A break in the cube fuse terminal connection could possibly cause the cab to lose all power resulting in unexpected engine shut down without warning and the inability to restart the engine.

Description of the Cause : The cube fuse terminal can fail in fatigue as a result of vibrational inputs at the battery cable and battery terminal interface

Identification of Any Warning that can Occur : The cab lighting could flicker and/or the gauges become erratic just prior to failure

Supplier Identification :

Component Manufacturer

Name : NR
Address : NR
NR
Country : NR

Chronology :

- 03/17/2016 – Navistar receives initial reports of a cube fuse issue from the field and initiates an investigation to determine the scope of the issue.
- 03/31/2016 – Navistar reviews warranty and field reports and finds 12 of 18 confirmed failures are widely dispersed over mileage and build dates. Navistar continues to monitor the issue.
- 04/19/2016 – Navistar receives communication of another confirmed failure of the cube fuse terminal and requests failed parts to initiate metallurgies tests.
- 5/06/2016 – Navistar Materials lab provides failure analysis of the cube fuse terminal failures. It was determined that the cube fuse terminal was failing in fatigue as a result of battery cable vibration near the cube fuse terminal.
- 05/18/2016 – Navistar receives reports of 5 additional failures over the course of a month.
- 06/01/2016 – Navistar Manufacturing contains the issue at the assembly plants by discontinuing the use of this battery box design and the use of the battery stud mounted cube fuse.
- 06/21/2016 – Navistar narrows the scope of the field investigation to units built with inner frame mounted aluminum main battery boxes. Other battery box configurations have cable tie down points closer to the cube fuse terminal preventing the same vibrational inputs.
- 07/18/2016 – Product Compliance finalize the suspect vehicle population.
- 07/18/2016 – Navistar declares a Safety Recall.

Description of Remedy :

Description of Remedy Program : The remedy will involve replacing the cube fuse with a chassis mounted power distribution module (PDM) inside the battery box.
• 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 PDM is securely mounted to the battery box and is not subject to the same vibrational damage as the battery stud mounted cube fuse terminal.

Identify How/When Recall Condition was Corrected in Production : 06/01/2016 – Navistar Manufacturing discontinued the use of this battery box design and use of battery stud mounted cube fuse.

Recall Schedule :

Description of Recall Schedule : It is estimated that the Customer notification letter will be mailed by 09/16/2016.

It is estimated that the dealer notification letter will be mailed by 09/16/2016.

Planned Dealer Notification Date : SEP 16, 2016 - SEP 16, 2016

Planned Owner Notification Date : SEP 16, 2016 - SEP 16, 2016

* NR - Not Reported