

# Part 573 Safety Recall Report

# 16V-453

**Manufacturer Name :** Navistar, Inc.**Submission Date :** JUN 20, 2016**NHTSA Recall No. :** 16V-453**Manufacturer Recall No. :** None**Manufacturer Information :**

**Manufacturer Name :** Navistar, Inc.  
**Address :** 2701 Navistar Drive  
 Lisle IL 60532  
**Company phone :** 331-332-1590

**Population :**

**Number of potentially involved :** 1,191  
**Estimated percentage with defect :** 100 %

**Vehicle Information :****Vehicle 1 :** 2017-2017 International ProStar**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 with Cummins ISX 15L engines.**Production Dates :** MAR 16, 2016 - APR 25, 2016**VIN Range 1 : Begin :** NR **End :** NR  Not sequential**Vehicle 2 :** 2017-2017 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 with Cummins ISX 15L engines.**Production Dates :** MAR 16, 2016 - APR 21, 2016**VIN Range 1 : Begin :** NR **End :** NR  Not sequential**Vehicle 3 :** 2017-2017 International PayStar**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 with Cummins ISX 15L engines.**Production Dates :** MAR 22, 2016 - APR 18, 2016**VIN Range 1 : Begin :** NR **End :** NR  Not sequential

Vehicle 4 : 2017-2017 International HX

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 with Cummins ISX 15L engines.

Production Dates : MAR 16, 2016 - MAR 16, 2016

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 5 : 2017-2017 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 with Cummins ISX 15L engines.

Production Dates : MAR 16, 2016 - APR 19, 2016

VIN Range 1 : Begin :

NR

End : NR

Not sequential

## Description of Defect :

Description of the Defect : As reported by Cummins in 16E-047, the ECM may develop an internal electrical short circuit that could possibly blow a fuse in the ECM's electrical supply circuit, resulting in an engine stall without warning. If this occurs, the engine cannot be restarted until the ECM and fuse are replaced.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : As reported by Cummins in 16E-047, an unexpected engine stall without the ability to restart the engine may lead to an increased risk of an accident.

Description of the Cause : As reported by Cummins in 16E-047, engines are washed after assembly/test and prior to being painted, during the wash process, the ECM Original Equipment Manufacturer (OEM) connector port is covered with a masking cap to prevent wash water from entering the connector port. During the identified time period, defective masking caps allowed wash water to enter certain ECM's. The wash water and/or the subsequent residue may create an internal short circuit on the printed circuit board that could possibly cause a blown fuse in the ECM's electrical supply circuit resulting in an unexpected engine stall without the ability to restart the engine.

Identification of Any Warning that can Occur : None

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

Name : Cummins, Inc. (Cummins)  
Address : 500 Jackson St.  
Columbus INDIANA 47202  
Country : United States

**Chronology :**

- 05/19/2016 – Navistar is notified by Cummins regarding the ECM defect that may cause an internal electrical short circuit which could possibly blow a fuse in the ECM's electrical supply circuit resulting in an unexpected engine stall without the ability to restart the engine and that Cummins has filed a 573 defect report (reference 16E-047).
- 05/27/2016 – Navistar determines the scope of the issue in International trucks based on the suspect Cummins ISX engines provided by Cummins.
- 06/06/2016 – Navistar Engineering, Manufacturing, and Quality met to ensure containment of issue and root cause of issue was identified with Cummins.
- 06/13/2016 – Navistar declares a Safety Recall.

**Description of Remedy :**

Description of Remedy Program :	As reported by Cummins in 16E-047, the suspect ECM will be replaced on all affected units.
How Remedy Component Differs from Recalled Component :	The remedy ECMs are new replacement ECMs that have not been previously installed onto an engine and the recalled ECMs have been installed onto an engine and subject to the Wash and paint process with uncertified masking covers.
Identify How/When Recall Condition was Corrected in Production :	As reported by Cummins in 16E-047, prior to wash Cummins began the use of verified/certified masking covers on 04/12/2016 and began the use of an additional paint cover on 05/12/2016.

**Recall Schedule :**

Description of Recall Schedule :	Cummins will notify customers on behalf of Navistar prior to 08/19/2016.
Planned Dealer Notification Date :	AUG 19, 2016 - AUG 19, 2016
Planned Owner Notification Date :	AUG 19, 2016 - AUG 19, 2016

\* NR - Not Reported