

**Part 573 Safety Recall Report****15V-693**

**Manufacturer Name :** Navistar, Inc.  
**Submission Date :** OCT 21,2015  
**NHTSA Recall No. :** 15V-693  
**Manufacturer Recall No. :** 15516

**Manufacturer Information :**

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

**Population :**

Number of potentially involved : 5  
 Estimated percentage with defect : 10

**Vehicle Information :**

Vehicle : 2016-2016 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 Eaton FR series 10 speed transmission

Production Dates : JAN 05, 2015 - JAN 07, 2015

**VIN (Vehicle Identification Number) Range**

Begin : NR

End : NR

Not sequential VINs

Vehicle : 2016-2016 International TranStar

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : Heavy Diesel Truck; GVWR or class for trucks, displacement for motorcycles, and number of passengers for buses): GVWR of 26,001 to 55,000 with Eaton FR series 10 speed transmission.

Production Dates : JAN 06, 2015 - JAN 06, 2015

**VIN (Vehicle Identification Number) Range**

Begin : NR

End : NR

Not sequential VINs

**Description of Defect :**

Description of the Defect : Per Eaton 15E-077, when the transmission shift lever is moved from reverse to neutral, the reverse gear may stay engaged. When the transmission shift lever is

moved from reverse to a forward gear position, the transmission may mechanically lock (IE, both the reverse gear and forward gear engage simultaneously).

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Per Eaton 15E-077, when shifting the transmission from reverse to neutral, the vehicle may unexpectedly move backwards, increasing the risk of a crash without prior warning.

Description of the Cause : Per Eaton 15E-077, a spacer assembly that lacks necessary clearance for the transmission's main shaft key causes the recall condition by forcing the main shaft key out of position. When the main shaft key is out of position and the shift lever moves from reverse to neutral or forward gear positions, the reverse gear may move axially along the main transmission shaft resulting in continued engagement of the reverse gear.

Identification of Any Warning that can Occur : Per Eaton 15E-077, a driver may need to apply increased force to shift into or out of reverse.

#### Supplier Identification :

##### Component Manufacturer

Name : Eaton Corporation (Eaton)

Address : 13100 East Michigan Ave.  
Galesburg MICHIGAN 49053

Country : United States

#### Chronology :

- 09/16/2015 – Navistar receives communication from Eaton that Eaton has filed an equipment defect report (reference 15E-077).
- 09/24/2015 – Navistar determines the scope of the issue relating to International truck models.
- 10/5/2015 – Engineering, Quality, and Field Service meet to review and understand the driver symptoms if the shifter is moved from reverse to neutral with the improper reverse gear installed.
- 10/14/2015 – Navistar declares a Safety Recall.

#### Description of Remedy :

Description of Remedy Program : The remedy will involve inspection of the spacer used at time of transmission assembly and any transmission found with the suspect spacer will be repaired or replaced.

How Remedy Component Differs from Recalled Component : The remedy spacer assembly provides the necessary clearance for the transmission's main shaft key where the suspect spacer provides insufficient clearance for the transmission's main shaft key.

Identify How/When Recall Condition was Corrected in Production : Per Eaton 15E-077, the recall condition appears to have been corrected after 12/19/2014, during the normal course of

production. Upon investigation, Eaton believes that on 12/19/2014, some assembly line parts totes that were supposed to hold the spacer assembly having the necessary clearance also held a spacer assembly having insufficient clearance.

**Recall Schedule :**

Description of Recall Schedule : It is estimated that the Customer and dealer notification letters will be mailed by 11/30/2015.

Planned Dealer Notification Date : NOV 30, 2015 - NOV 30, 2015

Planned Owner Notification Date : NOV 30, 2015 - NOV 30, 2015

\* NR - Not Reported