

# Part 573 Safety Recall Report

# 17V-580

**Manufacturer Name :** Navistar, Inc.

**Submission Date :** SEP 20, 2017

**NHTSA Recall No. :** 17V-580

**Manufacturer Recall No. :** 17508



## Manufacturer Information :

**Manufacturer Name :** Navistar, Inc.

**Address :** 2701 Navistar Drive

Lisle IL 60532

**Company phone :** 331-332-1590

## Population :

**Number of potentially involved :** 160

**Estimated percentage with defect :** 100 %

## Vehicle Information :

**Vehicle 1 :** 2016-2016 IC Bus CE

**Vehicle Type :** BUSES, MEDIUM & HEAVY VEHICLES

**Body Style :** OTHER

**Power Train :** DIESEL

**Descriptive Information :** School bus; 29 to 77 passengers and built with Spicer D or E series steer axle.

**Production Dates :** MAR 11, 2015 - JUN 01, 2015

**VIN Range 1 : Begin :**

NR

**End :** NR

Not sequential

## Description of Defect :

**Description of the Defect :** As reported by Dana in 17E-041, in affected steer axles, the castellated nut and cotter pin may not have been tightened to their specified assembly torque. As a result, the tie rod may become loose in the steer axle, causing significant auditory warning and/or looseness in steering. If a vehicle operator continues to operate the vehicle in spite of this advanced warning, the tie rod may in rare instances become disconnected from the knuckle.

**FMVSS 1 :** NR

**FMVSS 2 :** NR

**Description of the Safety Risk :** As reported by Dana in 17E-041, if the tie rod disconnects from the steering knuckle, the driver may lose full control of a vehicle wheel (normally the right front tire).

**Description of the Cause :** As reported by Dana in 17E-041, the castellated nuts in the tie rods may not have been properly torqued during assembly.

**Identification of Any Warning that can Occur :** As reported by Dana in 17E-041, a result, the tie rod may become loose in the steer axle, causing significant auditory warning and/or looseness in steering.

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

Name : Dana Incorporated (Dana)  
Address : 3939 Technology Dr.  
Maumee OHIO 43537  
Country : United States

**Chronology :**

- 08/22/2017 – Navistar receives communication from Dana that they had filed a voluntary safety recall with NHTSA and provides a serial number list of affected steer axles.
- 08/29/2017 – Navistar determines the scope of the issue.
- 09/05/2017 – Navistar finalizes the vehicle population.
- 09/13/2017 – Navistar declares a Safety Recall.

**Description of Remedy :**

Description of Remedy Program : • As reported by Dana in 17E-041, the remedy will involve inspection of all units in the suspect population to ensure the castellated nuts in the tie rods are tightened to their specified assembly torque and on units in which the nuts cannot be sufficiently torqued, the tie rod stud and knuckle will be replaced.  
• 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 inspection campaign will check and (where needed) correct castle nut torque and will replace parts damaged.

Identify How/When Recall Condition was Corrected in Production : As reported by Dana in 17E-041, Dana began using feedback-controlled torque installation equipment in May 2015, and instituted corrected assembly procedures.

**Recall Schedule :**

Description of Recall Schedule : It is estimated that the Customer and Dealer notification letters will be mailed by 11/17/2017.  
Planned Dealer Notification Date : NOV 17, 2017 - NOV 17, 2017  
Planned Owner Notification Date : NOV 17, 2017 - NOV 17, 2017

\* NR - Not Reported