

# Part 573 Safety Recall Report

# 16V-452

**Manufacturer Name :** Navistar, Inc.

**Submission Date :** JUN 20, 2016

**NHTSA Recall No. :** 16V-452

**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 : 5

Estimated percentage with defect : 100 %

## Vehicle Information :

Vehicle 1 : 2016-2016 IC Bus RE

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : School Bus; 60 – 90 passengers

Production Dates : JAN 25, 2016 - MAR 31, 2016

VIN Range 1 : Begin :

NR

End : NR

Not sequential

## Description of Defect :

**Description of the Defect :** As reported by Freedman in 16E-037, Freedman Seating performed FMVSS 222 forward performance test on Family and Family 3pta Seats containing the subject nonconforming hex head cap screws. The tests were noncompliant as the seat studs (3/8" – 24 x 1" hex head cap screw, grade 8, part number 454922) fractured during the tests causing the seat to separate from the base frame.

FMVSS 1 : 222 - School bus passenger seating and crash protection

FMVSS 2 : NR

**Description of the Safety Risk :** As reported by Freedman in 16E-037, Seat may separate from base frame during a vehicle crash.

**Description of the Cause :** As reported by Freedman in 16E-037, the hex head cap screws, 3/8" – 24 x 1", grade 8 were improperly manufactured by S&S INTERNATIONAL, INC. resulting in a material flaw that can reduce the strength of the screw.

**Identification of Any Warning that can Occur :** As reported by Freedman in 16E-037, seat studs may fracture during normal use. We have not been able to duplicate this through fatigue testing.

## Supplier Identification :

### Component Manufacturer

Name : Freedman Seating Company (Freedman)  
Address : 4545 W. Augusta Blvd.  
Chicago ILLINOIS 60651  
Country : United States

## Chronology :

- 04/15/2016 – Navistar receives communication from Freedman that certain Family and Family 3pta Seats may have been produced with nonconforming hex head cap screws.
- 04/20/2016 – Navistar Supplier Quality and Manufacturing initiates investigation to determine the scope of the issue related to IC Bus models.
- 04/28/2016 – Navistar Compliance, Supplier Quality, and Manufacturing review records and determine five units built with Family and/or Family 3pta Seats with nonconforming hex head cap screws and Navistar quarantines suspect buses.
- 06/06/2016 – Freedman notified Navistar in sufficient time for suspect units to be corrected prior to delivery to the end customer. All five units built with the suspect Family and/or Family 3pta Seats have been completed in accordance with the Freedman recommended action.
- 06/13/2016 – Navistar met to review the risk in IC bus product. Navistar declares a Safety Recall for Non Compliance.

## Description of Remedy :

Description of Remedy Program : The recall remedy has already been completed in accordance with the Freedman recommended action.

How Remedy Component Differs from Recalled Component : The remedy Family and Family 3pta Seats are produced with conforming hex head cap screws where the recalled Family and Family 3pta Seats are produced with nonconforming hex head cap screws.

Identify How/When Recall Condition was Corrected in Production : As reported by Freedman in 16E-037, on January 22, 2016 Freedman received a replacement shipment of conforming hex head cap screws from S&S International. Freedman conducted torque testing and FMVSS 222 testing on seats using these hex head cap screws with compliant results.

## Recall Schedule :

Description of Recall Schedule : Because the recall remedy has already been completed, customer and dealer notification will not be required.

Planned Dealer Notification Date : JUL 20, 2016 - JUL 20, 2016

Planned Owner Notification Date : JUL 20, 2016 - JUL 20, 2016

\* NR - Not Reported