

Part 573 Safety Recall Report

18V-316

Manufacturer Name : Navistar, Inc.

Submission Date : MAY 15, 2018

NHTSA Recall No. : 18V-316

Manufacturer Recall No. : 18509



Manufacturer Information :

Manufacturer Name : Navistar, Inc.

Address : 2701 Navistar Drive

Lisle IL 60532

Company phone : 331-332-1590

Population :

Number of potentially involved : 14

Estimated percentage with defect : 23 %

Vehicle Information :

Vehicle 1 : 2018-2018 IC Bus CE

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : Commercial Bus; Seating is dependent upon the body builder and built with feature code 0510140 (emergency window).

The suspect population is identified by models built with feature code 0510140.

The inclusive dates of manufacture were determined from when feature code 0510140 went into production through the date the issue was contained in production.

Production Dates : APR 21, 2017 - NOV 14, 2017

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Noncompliance :

Description of the Noncompliance : The emergency window release mechanism does not conform to Federal Motor Vehicle Safety Standard No. FMVSS 217. Specifically, paragraph S5.3.2.1. This requirement indicates no more than 89 Newtons (20 pounds) of force shall be required to release the exit.

FMVSS 1 : 217 - Bus emergency exits and window retention and release

FMVSS 2 : NR

Description of the Safety Risk : In the event of a motor vehicle accident or vehicle fire, passengers may have difficulty pulling the release handle which could hinder a quick exit of the bus and increase the risk of personal injury or death.

Description of the Cause : The emergency window release mechanism did not consider tolerance stack ups and their impact to increased friction upon the moving parts.

Identification of Any Warning that can Occur : The condition can be detected during a pre-trip inspection where the exit windows are cycled for proper operation.

Supplier Identification :

Component Manufacturer

Name : NR
Address : NR
NR
Country : NR

Chronology :

- 12/11/2017 – Navistar receives communication from the field of two buses with emergency windows that are difficult to operate.
- 01/04/2018 – Pre-delivery inspections at the plant identifies exit window release mechanisms exceeding the 89 Newtons (20 pounds) of force specification and quarantines vehicles at the Tulsa plant.
- 01/23/2018 Navistar contains the issue in manufacturing by adding a lubricant to the latch mechanism.
- 02/06/2018 – Navistar discusses the issue with NHTSA and begins development of an investigation to understand the scope of the issue.
- 03/14/2018 to 05/03/2018 – Navistar conducts field investigation of the emergency release handle opening force on buses with various build dates.
- 05/07/2018 – Navistar analyzes and reviews the test data collected. 50 of 216 (23%) randomly selected buses contain emergency window release handles that exceeded the maximum pull force requirements of paragraph S5.3.2.1. of FMVSS 217.
- 05/08/2018 – Navistar finalizes the suspect population.
- 05/09/2018 – Navistar declares a Safety Recall for Non-Compliance.

Description of Remedy :

Description of Remedy Program :

- The remedy will involve application of dry lubricant to all parts of the latch assembly and cycle the handle to work the lubricant in.
- 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 release mechanism with dry lubricant reduces the pull force below the 89 Newtons (20 pounds) of force requirement where the non-lubricated release mechanism does not meet the specification.

Identify How/When Recall Condition was Corrected in Production : 01/23/2018 – Navistar corrected the issue in production by having the supplier apply dry lubricant to all parts of the latch assembly during assembly and cycle the handle to work lubricant in.

Recall Schedule :

Description of Recall Schedule : It is estimated that the customer and dealer notification letters will be mailed by 07/13/2018.
Planned Dealer Notification Date : JUL 13, 2018 - JUL 13, 2018
Planned Owner Notification Date : JUL 13, 2018 - JUL 13, 2018

* NR - Not Reported