

Part 573 Safety Recall Report

21V-450

Manufacturer Name : Navistar, Inc.**Submission Date :** JUN 15, 2021**NHTSA Recall No. :** 21V-450**Manufacturer Recall No. :** 21506**Manufacturer Information :**

Manufacturer Name : Navistar, Inc.

Address : 2701 Navistar Drive

Lisle IL 60532

Company phone : 331-332-1590

Population :

Number of potentially involved : 33

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2019-2019 IC Bus CE

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information :

- The suspect population is identified by models not meeting the FMVSS 217 requirement for not having the correct number of emergency exits based on a specific passenger capacity.
- The inclusive dates of manufacture were determined by reviewing past body plans for exit opening criteria. The review found that 31 of the 77 passenger buses, when including the driver, raised the total capacity to 78 which equaled the credits of 78, and per the regulation the opening credits must exceed the total capacity. Two 45 passenger buses were found to not have either the required left side emergency door or emergency windows required for that capacity bus.
- The buses in the recall population were built without having the minimum number of emergency exit openings based on certain passenger capacities in the bus, and all other similar vehicles meet or exceed the FMVSS 217 exit opening criteria. There are 21 2019 model year CE school buses in the suspect population.

Production Dates : MAY 14, 2018 - JUL 23, 2018

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2014-2014 IC Bus CE

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : • The suspect population is identified by models not meeting the FMVSS 217 requirement for not having the correct number of emergency exits based on a specific passenger capacity.

- The inclusive dates of manufacture were determined by reviewing past body plans for exit opening criteria. The review found that 31 of the 77 passenger buses, when including the driver, raised the total capacity to 78 which equaled the credits of 78, and per the regulation the opening credits must exceed the total capacity. Two 45 passenger buses were found to not have either the required left side emergency door or emergency windows required for that capacity bus.
- The buses in the recall population were built without having the minimum number of emergency exit openings based on certain passenger capacities in the bus, and all other similar vehicles meet or exceed the FMVSS 217 exit opening criteria. There are six 2014 model year CE school buses in the suspect population.

Production Dates : DEC 19, 2012 - JUL 22, 2013

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 3 : 2022-2022 IC Bus CE

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : • The suspect population is identified by models not meeting the FMVSS 217 requirement for not having the correct number of emergency exits based on a specific passenger capacity.

- The inclusive dates of manufacture were determined by reviewing past body plans for exit opening criteria. The review found that 31 of the 77 passenger buses, when including the driver, raised the total capacity to 78 which equaled the credits of 78, and per the regulation the opening credits must exceed the total capacity. Two 45 passenger buses were found to not have either the required left side emergency door or emergency windows required for that capacity bus.
- The buses in the recall population were built without having the minimum number of emergency exit openings based on certain passenger capacities in the bus, and all other similar vehicles meet or exceed the FMVSS 217 exit opening criteria. There are six 2022 model year CE school buses in the suspect population.

Production Dates : JAN 13, 2021 - JAN 27, 2021

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Noncompliance :

Description of the Noncompliance : These school buses do not conform to Federal Motor Vehicle Safety Standard No. 217, bus emergency exits and window retention and release; specifically paragraph S5.2.3.1 – Each school bus shall be equipped with the exits specified in either S5.2.3.1(a) or S5.2.3.1(b), chosen at the option of the manufacturer.

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

FMVSS 2 : NR

Description of the Safety Risk : A bus that does not conform to all the requirements of FMVSS 217, in the event of an emergency, may hinder the quick exit of the bus and increase the risk of personal injury or death.

Description of the Cause : An engineering review of past body plans determined that 33 school buses were built with the incorrect number of emergency exits.

Identification of Any Warning that can Occur : None

Involved Components :

Component Name 1 : Window, passenger emergency exit

Component Description : Clear tempered glass with left or right hinge

Component Part Number : 3775854C93 and 3775824C93

Supplier Identification :

Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

Chronology :

- 05/03/2021 – Bus Engineering identified the potential issue when they were reviewing future builds with the same floor plan.
- 05/18/2021 – Bus Engineering communicates the issue to Compliance Group.
- 05/19/2021 – Bus Engineering and Compliance group initiates an investigation on all past bus floor plans to determine the impact to IC school buses.
- 06/03/2021 – The Compliance Committee meets to understand the issue and the progress on the

investigation. Team agreed to expand the review of past body plans beyond just the 77 passenger capacity.

- 06/08/2021 – Bus Engineering and Compliance completes the review of past body plans for exit opening criteria and finalizes the vehicle suspect population.
- 06/10/2021 – Navistar declares a safety recall for the noncompliance stated above.

Description of Remedy :

Description of Remedy Program : • The remedy will involve the installation of two additional emergency exit windows with appropriate labeling, reflective tape, and corresponding warning buzzer wiring to left and right side of the bus.
• Navistar's plan for reimbursement of pre-notification remedies, on file with NHTSA and dated 10/03/2018, applies and reimbursement instructions will be included in the customer notification.

How Remedy Component Differs from Recalled Component : The installation of two additional emergency exit windows for these 33 buses now, exceeds the requirements of FMVSS 217 exit opening criteria compared with the original exit configuration which did not meet the minimum exit opening criteria.

Identify How/When Recall Condition was Corrected in Production : 05/19/2021 – All noncompliant body plan features were voided.

Recall Schedule :

Description of Recall Schedule : It is estimated that the Customer and Dealer notification letters will be mailed by 08/06/2021.

Planned Dealer Notification Date : AUG 06, 2021 - AUG 06, 2021

Planned Owner Notification Date : AUG 06, 2021 - AUG 06, 2021

* NR - Not Reported