

Part 573 Safety Recall Report

23V-398

Manufacturer Name : Navistar, Inc.**Submission Date :** JUN 02, 2023**NHTSA Recall No. :** 23V-398**Manufacturer Recall No. :** 23518**Manufacturer Information :**

Manufacturer Name : Navistar, Inc.

Address : 2701 Navistar Drive

Lisle IL 60532

Company phone : 331-332-1590

Population :

Number of potentially involved : 15,398

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2016-2016 IC Bus CE school bus

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

- Descriptive Information :
- The suspect population is identified by models equipped with feature code 04100 (Brake system, hydraulic [WABCO] Split System).
 - The inclusive dates of manufacture were determined by when feature code 04100 went into production through the date the issue was contained in manufacturing.
 - The vehicles in the suspect population were built with feature code 04100 and all similar vehicles not subject to this recall were not built with feature code 04100.

There is one (1) 2016 CE school bus in the suspect population.

Production Dates : JUN 04, 2015 - JUN 04, 2015

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2018-2024 IC Bus CE school bus

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information :

- The suspect population is identified by models equipped with feature code 04100 (Brake system, hydraulic [WABCO] Split System).
- The inclusive dates of manufacture were determined by when feature code 04100 went into production through the date the issue was contained in manufacturing.
- The vehicles in the suspect population were built with feature code 04100 and all similar vehicles not subject to this recall were not built with feature code 04100.

There are 15,397 2018 to 2024 CE school buses in the suspect population.

Production Dates : DEC 15, 2016 - MAY 18, 2023

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : These vehicles may have been built with a brake pressure switch assembly that allows brake fluid to leak beyond the diaphragm seal into the pressure switch. The brake fluid may seep into the switch's electrical components and short the brake pressure switch and the associated fuse.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If brake fluid shorts the brake pressure switch and the associated fuse, the circuit can generate excessive heat that can result in a fire that may result in property damage or personal injury to the operator.

Description of the Cause : A zinc nickel plating and sealant used to inhibit corrosion within the pressure switch assembly may cause delamination of the sealant which results in small fragments of sealer underneath the diaphragm during assembly which allows brake fluid to slowly seep past the seal.

Identification of Any Warning that can Occur : This condition may set a "service brake system" malfunction indicator lamp. Until the recall remedy is performed, affected owners are advised to park their vehicles outdoors.

Involved Components :

Component Name 1 : Switch, park brake, HPB system

Component Description : Brake pressure switch assembly

Component Part Number : 4052584C1 or 4166720C1

Supplier Identification :

Component Manufacturer

Name : Kodiak Controls (Kodiak)

Address : 734 Oakridge Dr.

Romeoville Illinois 60446

Country : United States

Chronology :

The chronology exceeds the 2000 character limit and will be submitted as a miscellaneous supporting document

Description of Remedy :

- Description of Remedy Program :
- The remedy will involve replacing the brake pressure switch assembly and any wire harness found with brake fluid at the brake pressure switch connector or the associated fuse.
 - Navistar's plan for reimbursement of pre-notification remedies, on file with NHTSA and dated 05/06/2022, applies and reimbursement instructions will be included in the customer notification.

How Remedy Component Differs from Recalled Component : The remedy brake pressure switch assembly is built without the corrosion inhibitor sealant where the recalled brake pressure switch assembly was built with the corrosion inhibitor sealant.

Identify How/When Recall Condition was Corrected in Production : 05/22/2023 – Navistar Manufacturing began use of a redesigned brake pressure switch assembly (without the corrosion inhibitor sealant).

Recall Schedule :

Description of Recall Schedule : It is estimated that the Customer and Dealer notification letters will be mailed by 08/01/2023.

Planned Dealer Notification Date : AUG 01, 2023 - AUG 01, 2023

Planned Owner Notification Date : AUG 01, 2023 - AUG 01, 2023

* NR - Not Reported