

# Part 573 Safety Recall Report

# 21V-837

**Manufacturer Name :** Navistar, Inc.**Submission Date :** FEB 08, 2022**NHTSA Recall No. :** 21V-837**Manufacturer Recall No. :** 21507**Manufacturer Information :**

Manufacturer Name : Navistar, Inc.

Address : 2701 Navistar Drive

Lisle IL 60532

Company phone : 331-332-1590

**Population :**

Number of potentially involved : 7,322

Estimated percentage with defect : 100 %

**Vehicle Information :**

Vehicle 1 : 2020-2023 IC Bus CE

Vehicle Type : BUSES, MEDIUM &amp; HEAVY VEHICLES

Body Style : OTHER

Power Train : GAS

**Descriptive Information :**

- The suspect population is identified by models equipped with PSI 8.8L gasoline or second generation (Gen II) LPG engines.
- The determination of the inclusive dates of manufacture will be provided once the condition is contained in IC Bus production.
- The vehicles in the suspect build population were built with PSI 8.8L gasoline engines and all similar vehicles not subject to this recall were not. There are approximately 6,091 vehicles in the suspect population

Production Dates : JAN 17, 2019 - JAN 06, 2022

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2020-2023 IC CESB

Vehicle Type : BUSES, MEDIUM &amp; HEAVY VEHICLES

Body Style : OTHER

Power Train : CNG/LPG

**Descriptive Information :**

- The suspect population is identified by models equipped with PSI 8.8L gasoline or second generation (Gen II) LPG engines.
- The determination of the inclusive dates of manufacture will be provided once the condition is contained in IC Bus production.
- The vehicles in the suspect build population were built with PSI 8.8L LPG engines and all similar vehicles not subject to this recall were not. There are approximately 1,231 vehicles in the suspect population

Production Dates : APR 11, 2019 - OCT 19, 2021

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

**Description of Defect :**

Description of the Defect : With the vehicle in motion, the engine control module (ECM) may set fault code 629/12 resulting in engine shut down without warning.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Unexpected engine shut down can increase the risk of a crash. Additionally, a disabled school bus may require an evacuation procedure in an uncontrolled traffic situation, increasing the risk of injury to passengers.

Description of the Cause : The root cause is still under investigation and will be provided when available.

Identification of Any Warning that can Occur : None

**Involved Components :**

Component Name 1 : Engine ECU

Component Description : Engine ECU Software

Component Part Number : NPN

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

Name : Power Solutions International, Inc (PSI)

Address : 6450 Muirfield Dr.

Hanover Park Illinois 60191

Country : United States

**Chronology :**

Chronology exceeds maximum character limit and will be submitted as a miscellaneous document

**Description of Remedy :**

Description of Remedy Program : The final remedy will involve recalibration of the engine ECU.

**How Remedy Component Differs from Recalled Component :** The distinguishing characteristics of the remedy ECU calibration changed fault 629-12 reaction from shut down and reset to just reset.

**Identify How/When Recall Condition was Corrected in Production :** 01/07/2021 – Navistar began use of updated engine ECU calibration in vehicle production

**Recall Schedule :**

**Description of Recall Schedule :** The owner and dealer notification letters will be mailed by 01/18/2022.

**Planned Dealer Notification Date :** JAN 18, 2022 - JAN 18, 2022

**Planned Owner Notification Date :** JAN 18, 2022 - JAN 18, 2022

\* NR - Not Reported