

Part 573 Safety Recall Report

22V-610

Manufacturer Name : Navistar, Inc.

Submission Date : MAR 29, 2023

NHTSA Recall No. : 22V-610

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 : 33

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2023-2023 IC 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 Cummins B6.7 or L9 engines with suspect Engine Control Modules (ECMs).
- The inclusive dates of manufacture were determined by Cummins Engine Serial Numbers (ESNs) built with suspect ESNs and the respective build dates of the vehicles they were installed into.
- The vehicles in the suspect population were built with suspect Cummins engine ESNs and all other vehicles not subject to this recall were not built with suspect Cummins engine ESNs.

There are 33 CE school buses in the suspect population

Production Dates : JUN 01, 2022 - JUN 27, 2022

VIN Range 1 : Begin : NR

End : NR

☐ Not sequential

Description of Defect :

Description of the Defect : As per Cummins in 22E-063; ECMs within the subject population that are affected by the defect condition may develop an internal electrical short circuit, possibly resulting in an engine stall without warning. If this occurs, the engine cannot be restarted until replacement of the ECM and, if necessary, the fuse.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : As per Cummins in 22E-063; an unexpected engine stall without the ability to restart the engine may lead to an increased risk of a crash.

Description of the Cause : As per Cummins in 22E-063; a screw in the supplier's selective solder fixture backed out of position, pushing an electrolytic capacitor frame into the Printed Circuit Board (PCB) during ECM production.

Identification of Any Warning None
that can Occur :

Involved Components :

Component Name 1 : Diesel Engine

Component Description : Medium duty diesel engines

Component Part Number : Models B6.7 and L9

Supplier Identification :

Component Manufacturer

Name : Cummins, Inc. (Cummins)

Address : 500 Jackson Street
Columbus Indiana 47202

Country : United States

Chronology :

- 06/30/2022 – Navistar receives communication of the issue from Cummins and that they have begun containment actions.
- 07/06/2022 – Navistar manufacturing places a stop ship into effect for all vehicles built with Cummins engines at all vehicle assembly plants.
- 07/13/2022 – Cummins communicates to Navistar their plan for replacing suspect ECMs.
- 07/20/2022 – Cummins begins replacing suspect ECMs on vehicles at Navistar vehicle assembly plants and this activity will continue until all quarantined vehicles have been repaired.
- 07/21/2022 – Cummins Product Safety Board determines a Safety Recall and advises all affected vehicle OEMs.
- 07/29/2022 – Cummins provides a copy of their 573 to Navistar.
- 08/01/2022 – Cummins provides a list of affected vehicles to Navistar.
- 08/04/2022 – Navistar declares a Safety Recall to be managed by Cummins under NHTSA recall 22E-063.

Description of Remedy :

- Description of Remedy Program :
- Cummins will administer the campaign (Replace ECMs), notify customers, supply remedy, and provide quarterly completion reports as outlined in Cummins defect report for 22E-063.
 - Because Cummins is administering the campaign, any plan for pre-remedy reimbursement will be handled by Cummins.

How Remedy Component Differs from Recalled Component : Unknown as Cummins has not provided an update providing this information.
As Per Cummins 22E-063; the remedy ECMs will have different Serial Numbers than the recalled ECMs.

Identify How/When Recall Condition was Corrected in Production : As per Cummins 22E-036; The ECM supplier corrected the ECM production assembly process on June 2, 2022. Cummins initiated containment actions at impacted engine plants on June 28, 2022.

Recall Schedule :

- Description of Recall Schedule :
- Navistar will supply Cummins with customer name and address information. Cummins anticipates mailing 577 notification to affected customers by 09/26/2022.
 - Cummins anticipates sending dealer notification by 09/26/2022.

Planned Dealer Notification Date : SEP 26, 2022 - SEP 26, 2022

Planned Owner Notification Date : SEP 26, 2022 - SEP 26, 2022

* NR - Not Reported