

# Part 573 Safety Recall Report

# 22V-647

**Manufacturer Name :** Hino Motors Sales U.S.A., Inc.**Submission Date :** SEP 29, 2022**NHTSA Recall No. :** 22V-647**Manufacturer Recall No. :** N/A**Manufacturer Information :**

Manufacturer Name : Hino Motors Sales U.S.A., Inc.

Address : 45501 Twelve Mile Road

Novi MI 48377

Company phone : 248-699-9300

**Population :**

Number of potentially involved : 7

Estimated percentage with defect : 100 %

**Vehicle Information :**

Vehicle 1 : 2023-2023 HINO NJ7A, NV7A

Vehicle Type : BUSES, MEDIUM &amp; HEAVY VEHICLES

Body Style : ALL

Power Train : DIESEL

**Descriptive Information :** As reported by Cummins in 22E063, "The engine is controlled by an Engine Control Module (ECM), which receives electrical power via a fused circuit from the vehicle's battery. This defect notification covers the entire population of engines manufactured with the suspect ECMs, as identified by the supplier."

The vehicles not included are equipped with ECMs manufactured outside of the suspect range.

Production Dates : JUN 16, 2022 - JUN 27, 2022

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

**Description of the Defect :** As reported by Cummins, "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 reported by Cummins, risk of "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 reported by Cummins, "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 that can Occur :** None

## Involved Components :

Component Name 1 : Engine Control Module

Component Description : Engine Control Module

Component Part Number : 5572391

## Supplier Identification :

### Component Manufacturer

Name : Cummins, Inc.

Address : 500 Jackson St

Columbus Indiana 47201

Country : United States

## Chronology :

Chronology of Defect Determination is attached to the case.

## Description of Remedy :

Description of Remedy Program : For all subject vehicles, Cummins dealers will replace the ECM. Hino will track and report completion progress.

Customers who have received the "Customer Notification Letter for Recall (C2614)" from Cummins, who may have paid for repairs due to this defect may apply for reimbursement for those repair costs. All pre-notification reimbursement requests for repairs which were performed until a date 10 days after the final customer notification was made will be considered by Hino for reimbursement. Hino will also reimburse all Parts, Labor, and miscellaneous costs directly related to the remedy of this defect. Requests for reimbursement, including paid receipts, should be directed to [warranty@hino.com](mailto:warranty@hino.com).

How Remedy Component Differs from Recalled Component : Remedied component was produced after countermeasure was implemented.

Identify How/When Recall Condition was Corrected in Production : According to Cummins, "Vitesco 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 : NR

Planned Dealer Notification Date : OCT 18, 2022 - OCT 18, 2022

Planned Owner Notification Date : OCT 25, 2022 - OCT 25, 2022

\* NR - Not Reported