

Part 573 Safety Recall Report

22V-786

Manufacturer Name : Kalmar Solutions, LLC**Submission Date :** OCT 19, 2022**NHTSA Recall No. :** 22V-786**Manufacturer Recall No. :** NR**Manufacturer Information :**

Manufacturer Name : Kalmar Solutions, LLC

Address : 415 E. Dundee Street

Ottawa KS 66067

Company phone : 785-229-6341

Population :

Number of potentially involved : 9

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2022-2022 Kalmar Ottawa T2

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : Kalmar's supplier, Cummins Inc. has filed a NHTSA safety recall, 22E-063, indicating that: some of the Engine Control Modules installed in this engine population may develop an internal electrical short, possibly resulting in an engine stall without warning, which may lead to an increased risk of a crash.

Production Dates : JUL 28, 2022 - AUG 31, 2022

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

Description of the Defect : Kalmar trucks with the Cummins ECM 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 : An unexpected engine stall without the ability to restart the engine may lead to an increased risk of a crash.

Description of the Cause : 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 : Module, Electronic Control

Component Description : Engine Control Module - mounted on the engine

Component Part Number : Kalmar PN ICM2023457, Cummins PN 5572391

Supplier Identification :**Component Manufacturer**

Name : Cummins Inc.

Address : Box 3005

Mail Code COB118 Columbus Indiana 47202-3005

Country : United States

Chronology :

Kalmar received a notification letter from Cummins dated August 1, 2022 informing of Cummins safety recall 22E-063. Kalmar had a call with Cummins on August 3, 2022 wherein Cummins indicated they would contact any Kalmar customers and replace the ECM at no charge to Kalmar or their customers. Also, any ECMs in production ready vehicles were quarantined at the factory and replaced.

Description of Remedy :

Description of Remedy Program : Cummins is contacting the 9 Kalmar customers and replacing the ECMs at no charge to the customer

How Remedy Component Differs from Recalled Component : The remedy ECM will have a different serial number than the recalled component.

Identify How/When Recall Condition was Corrected in Production : All Kalmar trucks with the condition were placed on quality hold on August 3, 2022 at the factory and Cummins replaced all the ECMs at the Kalmar factory.

Recall Schedule :

Description of Recall Schedule : NR

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : NR - NR

* NR - Not Reported