

Part 573 Safety Recall Report

22V-625

Manufacturer Name : Spartan Fire, LLC**Submission Date :** SEP 06, 2022**NHTSA Recall No. :** 22V-625**Manufacturer Recall No. :** 22004**Manufacturer Information :**

Manufacturer Name : Spartan Fire, LLC

Address : 1541 Reynolds Road
Charlotte MI 48813

Company phone : 517-588-4700

Population :

Number of potentially involved : 1

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2022-2022 Spartan Fire MetroStar

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : The emergency response cab chassis affected by this recall is equipped with an engine that is subject to Cummins recall 22E-063. Cummins supplied Engine Serial Numbers that were traced to the affected cab chassis.

Quantity 1 - MetroStar 2022 truck affected

Production Dates : JUL 27, 2022 - JUL 27, 2022

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

Description of the Defect : 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

Component Part Number : Unknown

Supplier Identification :**Component Manufacturer**

Name : Vitesco

Address : 2400 Executive Hills Blvd
Auburn Hills Michigan 48326

Country : United States

Chronology :

Refer to NHTSA Recall 22E-063 for the Cummins chronology.

On August 4, 2022 - Spartan Fire received communication from Cummins about recall 22E-063. An investigation was started and a population identified, as well as a stop ship put in place.

On August 5, 2022 – Escalated the issue to REV Group Management.

August 11, 2022 – REV's senior leadership approved a voluntary recall for this issue.

Description of Remedy :

Description of Remedy Program : Cummins will replace the ECM to complete the remedy. The affected emergency response cab chassis is still within their warranty period and would not be subject to reimbursement.

How Remedy Component Differs from Recalled Component : Cummins has not provided that information.

Identify How/When Recall Condition was Corrected in Production : 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 : Spartan to begin final stage manufacturer notification by week of September 5, 2022.

Planned Dealer Notification Date : AUG 22, 2022 - AUG 26, 2022

Planned Owner Notification Date : SEP 05, 2022 - SEP 09, 2022

* NR - Not Reported