

Part 573 Safety Recall Report

22V-620

Manufacturer Name : Rosenbauer America

Submission Date : OCT 31, 2022

NHTSA Recall No. : 22V-620

Manufacturer Recall No. : C2614



Manufacturer Information :

Manufacturer Name : Rosenbauer America

Address : 5190 260th street

Wyoming MN 55092

Company phone : 6514621000

Population :

Number of potentially involved : 11

Estimated percentage with defect : 2 %

Vehicle Information :

Vehicle 1 : 2022-2022 Rosenbauer Commander

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style :

Power Train : NR

Descriptive Information : Certain Cummins X12, X15 and L9 engines have been recalled due their Engine Control Modules (ECM) developing an internal electrical short, possibly resulting in an engine stalling without warning, which may lead to an increased risk of a crash.

Production Dates : JUN 03, 2022 - AUG 11, 2022

VIN Range 1 : Begin : 54F2GCCX7NWM13359 **End :** 54F3JECL2NWM13381 Not sequential

Vehicle 2 : 2023-2023 Commercial M2-106

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style :

Power Train : NR

Descriptive Information : Certain Cummins X12, X15 and L9 engines have been recalled due their Engine Control Modules (ECM) developing an internal electrical short, possibly resulting in an engine stalling without warning, which may lead to an increased risk of a crash.

Production Dates : JUN 03, 2022 - AUG 11, 2022

VIN Range 1 : Begin : 1FVDCYFEOPHUD0634 **End :** 1FVDCYFE2PHUD0635 Not sequential

Description of Defect :

Description of the Defect : The Engine Control Modules (ECM) in some engines installed in Rosenbauer firetrucks may have a defect that could develop an internal electrical short. The possible result could be a stalled engine that cannot be restarted until the ECM is replaced.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : The engine may stall unexpectedly, without warning and not be able to restart which could increase the risk of a crash.

Description of the Cause : Per 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 per Cummins

Involved Components :

Component Name 1 : Cummins X12 Engine

Component Description : DOS3009BX03

Component Part Number : 8623191, 8623190

Component Name 2 : Cummins L9 Engine

Component Description : D563027BX03

Component Part Number : n/a

Supplier Identification :

Component Manufacturer

Name : Cummins

Address : 800 West Ryan Road
Oak Creek Wisconsin 53154

Country : United States

Chronology :

On 8/4/2022, Cummins contacted Rosenbauer alerting them of a recall impacting 7 engines we purchased for our Rosenbauer chassis. The ESNs were provided and matched up to the VINs that same day and verified on Friday 8/5/2022. The list was sent back to Cummins and Production at Rosenbauer was alerted. The engines were not installed in trucks yet and were located on Monday 8/8/2022 at Rosenbauer Motors (Chassis) Plant in MN. Cummins White Bear Lake was notified and Cummins Corporate shipped replacement ECMs to Cummins WBL. The Cummins tech came to Rosenbauer Motors on 8/10/2022 and successfully replaced the

ECMs on all but 1 engine for Rosenbauer chassis.

On Monday 8/8/2022, Cummins alerted Rosenbauer of the Commercial chassis that were impacted as well per their report on shipped engines to Daimler Trucks. On Wednesday 8/10/2022, those ESNs and VINs were matched up and 4 more have been added to the population. Because these trucks are assumed to be in Production, they were alerted Thursday 8/11/2022 to locate the chassis. Rosenbauer fully expects more Commercial trucks to be added and will need to file an amendment as information is acquired. However, we have notified Cummins Sioux Falls to replace the ECMs since the trucks are located at our Lyons, SD plant. As of 9/13/22, all trucks were remedied while in Production at Rosenbauer prior to any delivery or shipment to customers.

Description of Remedy :

Description of Remedy Program : Cummins will perform the remedy to recalled trucks while in Production and prior to shipment by replacing the ECM and possibly the fuse. If any trucks are added to the population, we will work with Cummins to address trucks in production immediately and if any of those additional trucks are with the customer or dealer, we will notify officially in 60 days or sooner. All parts and labor to perform the remedy will be provided to our customers free of charge. Rosenbauer will work with our Dealers as well if there are any recalled trucks in their possession.

How Remedy Component Differs from Recalled Component : None was given by Cummins.

Identify How/When Recall Condition was Corrected in Production : All Rosenbauer firetrucks impacted as listed in the 8/11/2022 recall filing will be remedied before shipment or delivery to customer.

Recall Schedule :

Description of Recall Schedule : Rosenbauer did not need to notify customers in any capacity since all trucks were remedied in August-September 2022 while in Production, prior to shipment or delivery to Customers or Dealers.

Planned Dealer Notification Date : AUG 16, 2022 - OCT 11, 2022

Planned Owner Notification Date : SEP 25, 2022 - OCT 11, 2022

* NR - Not Reported