

Part 573 Safety Recall Report

22V-126

Manufacturer Name : Midwest Automotive Designs, LLC**Submission Date :** MAR 04, 2022**NHTSA Recall No. :** 22V-126**Manufacturer Recall No. :** NR**Manufacturer Information :**

Manufacturer Name : Midwest Automotive Designs, LLC

Address : 1826 Leer Drive

Elkhart IN 46516

Company phone : 574-522-4878

Population :

Number of potentially involved : 8

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2018-2020 Mercedes Benz Sprinter

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : VAN

Power Train : DIESEL

Descriptive Information : Recall mainline and RV line units which use a G9 electronic control module.

Production Dates : AUG 03, 2018 - DEC 04, 2019

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

Description of the Defect : G9 (ECM Can fail if excessive voltage is applied)

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Potential thermal event

Description of the Cause : Applying voltage greater than 18V to the G9

Identification of Any Warning NR
that can Occur :**Involved Components :**

Component Name 1 : G9

Component Description : Eletronic Control Module (ECM)

Component Part Number : 7000609 and 7000620

Supplier Identification :

Component Manufacturer

Name : Firefly Integrations
Address : 1013 Elroy Drive
Middlebury Indiana 46540
Country : United States

Chronology :

7/28/2020 Firefly and Spyder inspected a coach containing a G9 ECM that had experienced a thermal event.
8/21/2020 Firefly Integrations and Spyder controls hosted a meeting with two manufacturers to review findings, and introduce a proposed solution to prevent the issue from occurring. 8/21/2020-9/25/2020 Extensive testing of the add on Protection Module, which eliminated the issue from occurring, conducted in lab environment and in RV units.

Description of Remedy :

Description of Remedy Program : CM can fail if excessive voltage is applied, with the risk of a thermal event.
How Remedy Component Differs from Recalled Component : The remedy component is a highly visible red component with an LED indicator which is affixed to the original G9 ECM.
Identify How/When Recall Condition was Corrected in Production : Component is no longer in current production. Any replacement units will be shipped with the G9 Protection Module affixed to the G9 ECM. The G9 Protection Module limits voltage to the G9 ECM and eliminates the potential over voltage issue.

Recall Schedule :

Description of Recall Schedule : All customers have been notified. Customers will be sent the add on protection module at no cost upon their request.
The recalls took place between 8/21/20 and 10/24/20. The date range won't let me put in the actual dates. All of these recalls have been remedied.
Planned Dealer Notification Date : NR - NR
Planned Owner Notification Date : MAR 04, 2022 - MAR 04, 2022

* NR - Not Reported