

Part 573 Safety Recall Report

22E-070

Manufacturer Name : Firefly Integrations, LLC

Submission Date : OCT 18, 2022

NHTSA Recall No. : 22E-070

Manufacturer Recall No. : NR



Manufacturer Information :

Manufacturer Name : Firefly Integrations, LLC

Address : 1013 Elroy Drive
Middlebury IN 46540

Company phone : (574) 825-4600

Population :

Number of potentially involved : 1,047

Estimated percentage with defect : 100 %

Equipment Information :

Brand / Trade 1 : Multiplex ECM

Model : ECM 7000701

Part No. : 7000701

Size : 9"X6"

Function : NR

Descriptive Information : Recall population to include all and only RV units using the Multiplex ECM 7000701 distributed as of 9/22/2021

Production Dates : SEP 22, 2021 - AUG 29, 2022

Description of Defect :

Description of the Defect : It has been identified that there was a programming issue on the electronic control module (ECM) which caused an interface event with the awnings unintentionally extending or retracting on a limited range of Coachman van conversions. In rare occasions, this event can be triggered when an adverse network issue takes place and the ECM output triggers the awning to extend or retract while the vehicle is parked. A safety interlock relay prevents this unintentional awning activation from occurring while the vehicle is in motion.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Awning unintentionally extending or retracting while the vehicle is parked.

Description of the Cause : It has been identified that there was a programming issue on the electronic control module (ECM) which can cause an interface resulting in an awning unintentionally activating

Identification of Any Warning that can Occur : NR

Involved Components :

Component Name : ECM 7000701

Component Description : Electronic Control Module

Component Part Number : 7000701

Supplier Identification :**Component Manufacturer**

Name : Spyder Controls Corp

Address : 7102 52 St Ste 10

Lacombe AB Foreign States T4L1Y9

Country : Canada

Chronology :

08/12/2022 Firefly Integrations inspected and tested a coach with a reported unexpected awning deployment. On Tuesday 08/16/2022 Spyder Controls and Firefly Integrations worked to determine the cause of the issue. 08/17/2022 the issue was able to be verified and resolution determined to be a software update .

Description of Remedy :

Description of Remedy Program : To remedy the recall, Firefly is issuing a recall that will provide a programming update for Coach owners. Owners can choose to complete the simple update using the program and instructions themselves or make an appointment with a dealer to have their coach updated for them. Firefly will be reimbursing dealer time up to 0.5 hours to complete the update.

How Remedy Component Differs from Recalled Component : The remedy programming eliminates false signaling that could cause an awning to extend or retract unexpectedly while parked.

Identify How/When Recall Condition was Corrected in Production : Updated programming resolving the issue was installed on hardware sent to the manufacturer, and units on site were updated beginning 8/18/22

Recall Schedule :

Description of Recall Schedule : Firefly officially notified Coachmen of the issue on 10/3/22 Firefly will notify coach owners of the issue by 10/21/22 and work with them to

rectify their coaches.

Planned Dealer Notification Date : OCT 04, 2022 - OCT 04, 2022

Planned Owner Notification Date : OCT 17, 2022 - OCT 21, 2022

Purchaser Information :

The following manufacturers purchased this defective/noncompliant equipment for possible use or installation in new motor vehicles or new items of motor vehicle equipment:

Name : Coachmen RV

Address : 423 N Main St

Middlebury IN 46540

Country : US

Company Phone : 5748255821

* NR - Not Reported