

Part 573 Safety Recall Report

22E-071

Manufacturer Name : Spyder Controls, Corp

Submission Date : JUN 08, 2023

NHTSA Recall No. : 22E-071

Manufacturer Recall No. : NR



Manufacturer Information :

Manufacturer Name : Spyder Controls, Corp

Address : 7102 - 52 St #10

Lacombe 00 T4L 1Y9

Company phone : 919-9092

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 : 6"x9"

Function : Awning control

Descriptive Information : Recall population to include all and only RV units using the ECM 7000701 distributed starting 9/22/2021 through 8-23-2022.

Production Dates : SEP 22, 2021 - AUG 23, 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 awning 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. A programming update will be required to resolve this issue.

Unless programming is updated or the awning controller is not powered, a possible unexpected awning deployment could be triggered causing injury or property damage.

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 NR
that can Occur :

Involved Components :

Component Name : ECM 7000701

Component Description : Multiplex Electronic Control Module (ECM)

Component Part Number : 7000701

Supplier Identification :

Component Manufacturer

Name : Spyder Controls Corp.

Address : 7102 - 52 St., #10

Lacombe Foreign States T4L 1Y9

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 : Letters were sent to owners and dealers outlining the problem and the remedy. The defect was a software issue that could cause unintentional awning movement while the vehicle was parked. The remedy consists of a software update for all affected units (by VIN) which was available directly to owners and dealers through a website listed in the mailings. There was no cost to the owners or dealers to download the software update, or request a software update on a USB stick and get it sent to them. The cost for all dealer installed software updates were reimbursed directly to the dealer once they had attested that the recall was complete and had submitted an invoice.

How Remedy Component Differs from Recalled Component : Software version of the ECM was the only distinguishing feature. All VIN specific letters sent to owners and dealers stated that their unit was affected, and that action was required.

Identify How/When Recall Condition was Corrected in Production : Once the problem was identified (August 2022), all shipments of new production were held until the new software could be installed. New production units were all shipped with updated software. The software for units in client inventory were also updated prior to releasing to end customers.

Recall Schedule :

Description of Recall Schedule : NR

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : NR - NR

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 : Firefly Integrations, LLC

Address : 1013 Elroy Dr.
Middlebury IN 46540

Country : US

Company Phone : 574 825 4600

* NR - Not Reported