

Part 573 Safety Recall Report

23E-071

Manufacturer Name : Firefly Integrations, LLC

Submission Date : SEP 28, 2023

NHTSA Recall No. : 23E-071

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 : 124

Estimated percentage with defect : 100 %

Equipment Information :

Brand / Trade 1 : Multiplex

Model : HC relay card

Part No. : 70516J

Size : 4.75" X 3"

Function : NR

Descriptive Information : 2 reports of damaged relays were found on a card within the ECM. After reviewing the damaged hardware and its designed usage, it was determined that combined outputs were incorrectly utilized. this error only affects the hardware for 2023 model year which started on April 17. Previous model years were designed differently and will not be exposed to the potential failure. There are a total of 124 cards that were shipped incorrectly.

Production Dates : APR 17, 2023 - SEP 27, 2023

Description of Defect :

Description of the Defect : Because 2 outputs were combined to supply a motor load, if both outputs failed to engage at the same time, a solder bridge could be formed causing a dead short.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : On powerup, a dead short could take place introducing a risk of a thermal event.

Description of the Cause : NR

Identification of Any Warning that can Occur : NR

Involved Components :

Component Name : HC Relay Card

Component Description : Blue 4.75" X3" Card within the ECM

Component Part Number : 70516J

Supplier Identification :**Component Manufacturer**

Name : NR

Address : NR

NR

Country : NR

Chronology :

NR

Description of Remedy :

Description of Remedy Program : NR

How Remedy Component Differs from Recalled Component : NR

Identify How/When Recall Condition was Corrected in Production : NR

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 : NR

Address : NR

NR

Country : NR

Company Phone : NR

* NR - Not Reported