**Manufacturer Name**: Firefly Integrations, LLC  
**Submission Date**: OCT 03, 2020  
**NHTSA Recall No.**: 20E-058  
**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: 2,487  
- Estimated percentage with defect: 100%

**Equipment Information**:
- **Brand / Trade 1**: Multiplex  
- **Model**: G9  
- **Part No.**: 7000620  
- **Size**: 4”X9.5”  
- **Function**: NR  
- **Descriptive Information**: Recall population to include all and only RV units which use a G9 electronic control module.  
- **Production Dates**: OCT 01, 2017 - AUG 20, 2020

**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 that can Occur**: NR

**Involved Components**:

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The information contained in this report was submitted pursuant to 49 CFR §573
Component Name: G9
Component Description: Electronic Control Module (ECM)
Component Part Number: 7000620

Supplier Identification:

Component Manufacturer
Name: Spyder Controls Corp.
Address: 7102 – 52 St #10
Lacombe, Alberta FOREIGN STATES T4L 1Y9
Country: Canada

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: G9 ECM 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.

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**Purchase 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:** Regency RV  
  **Address:** 4709 Lone Star Blvd  
  **Fort Worth TX 76106**  
  **Country:** US  
  **Company Phone:** 8178477974

- **Name:** Tourig  
  **Address:** 720 Corporate Circle  
  **Golden CO 80401**  
  **Country:** US  
  **Company Phone:** 3037102914

- **Name:** Foretravel  
  **Address:** 1221 NW Stallings Drive  
  **Nacogdoches TX 75964**  
  **Country:** US  
  **Company Phone:** 9365608425

- **Name:** Midwest  
  **Address:** 1826 Leer Drive  
  **Elkhart IN 46514**  
  **Country:** US  
  **Company Phone:** 5745224878

- **Name:** Thor Motor Coach  
  **Address:** 604 Middleton Run Road  
  **Elkhart IN 46516**  
  **Country:** US  
  **Company Phone:** 5742947793

- **Name:** Jayco  
  **Address:** 105 Bontrager Dr  
  **Middlebury IN 46540**  
  **Country:** US  
  **Company Phone:** 5748252619
Name: Pioneer
Address: 805 Madison Industrial Road
        Madison TN 37115
Country: US
Company Phone: 6155854496

* NR - Not Reported

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