

Part 573 Safety Recall Report

24V-160

Manufacturer Name : Jayco, Inc.

Submission Date : AUG 22, 2024

NHTSA Recall No. : 24V-160

Manufacturer Recall No. : 9903603



Manufacturer Information :

Manufacturer Name : Jayco, Inc.

Address : 903 South Main Street

PO Box 460 Middlebury IN 46540

Company phone : 800-283-8267

Population :

Number of potentially involved : 1,342

Estimated percentage with defect : 10 %

Vehicle Information :

Vehicle 1 : 2021-2024 Jayco/Entegra Coach Ethos LI Class B, Expanse LI, Class B, Launch Class B, Launch LE Class B, Solstice LI Class B, Swift Class B, Terrain Class B, Terrain LE Class B

Vehicle Type : LIGHT VEHICLES

Body Style : VAN

Power Train : GAS

Descriptive Information : Our Regulatory Compliance Team determined the scope from our production records.

Production Dates : SEP 07, 2021 - JAN 31, 2024

VIN Range 1 : Begin : 1FDRU8UG0PKB09781 **End :** W1W4NBVYXPT140504 Not sequential

Description of Defect :

Description of the Defect : Renogy reported in their equipment recall 24E-005 that battery relay activation, protection, and recovery logic do not fully safeguard the battery from being engaged in a negative feedback loop that exasperates relay mechanical life. This condition may result in stuck relay contactors.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Under certain conditions, contactors that are stuck in a closed position could lead to a thermal runaway event when charging, increasing the risk of a fire, injury, or death.

Description of the Cause : Renogy reported in their equipment recall 24E-005 that Activation and Recovery logic conditions are engaged without fully evaluating the system criteria resulting in a negative feedback loop exasperating relay mechanical life.

Identification of Any Warning that can Occur : Renogy reported in their equipment recall 24E-005 that "Cell Imbalance" on the samkoon screen or Live voltage on the battery terminals when the battery is in the off position would be the warnings.

Involved Components :

Component Name 1 : Renogy Battery Pack Model RBT210LFP51S-12

Component Description : Battery Pack

Component Part Number : RBT210LFP51S-12-G1-U

Supplier Identification :

Component Manufacturer

Name : Renogy

Address : 5050 S. Archibald Ave
Ontario California 91762

Country : United States

Chronology :

2/12/2024 The Warranty Incident Review Committee (WIRC) discussed the incident and elevated it to CPAC.

2/21/2024 The Corrective Preventive Action Committee (CPAC) discussed the incident and elevated it to SSC.

2/22/2024 The Safety Steering Committee (SSC) met and voted to proceed with filing a safety recall with NHTSA.

Jayco is aware of five fires including one involving an injury that are alleged to be related to this matter.

Two fires reports received in June 2023, One of these fires included an allegation of injury.

One fire report received in August 2023. One fire report received in October 2023. One fire report received in February 2024.

5/9/2024 Renogy notified Jayco of the remedy.

8/22/24 Renogy made a new firmware version available, version 137.4.5. We're updating our 573 and uploaded revised repair instructions.

Description of Remedy :

Description of Remedy Program : Renogy stated the remedy is to update the battery software which will prevent contactors in the battery from being stuck. This repair will be performed at no charge. Jayco Inc. will file completion reports.

How Remedy Component Differs from Recalled Component : Once the remedy has been applied the software version will be the latest version 137.4.4 and can be checked to verify that the remedy has been completed.

Identify How/When Recall Condition was Corrected in Production : Jayco purchases the affected battery pack from Patrick Distribution who obtains it from Renogy. On February 28, 2024 Patrick Distribution informed Jayco that stock was quarantined and all shipments were put on hold until a remedy is determined and stock is remedied. On May 7, 2024 Renogy developed a plan to update the software on all batteries in stock so that any new batteries installed into affected coaches will have the latest software version.

Recall Schedule :

Description of Recall Schedule : Jayco Inc. will notify its dealers and affected retail owners.
Planned Dealer Notification Date : MAY 31, 2024 - MAY 31, 2024
Planned Owner Notification Date : MAY 31, 2024 - MAY 31, 2024

* NR - Not Reported