

Part 573 Safety Recall Report

24V-279

Manufacturer Name : REV Recreation Group

Submission Date : APR 19, 2024

NHTSA Recall No. : 24V-279

Manufacturer Recall No. : 240416REV



Manufacturer Information :

Manufacturer Name : REV Recreation Group

Address : 1031 U.S. 224 E

P.O. Box 31 Decatur IN 46733

Company phone : 800 509 3417

Population :

Number of potentially involved : 79

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2022-2024 Fleetwood DISCOVERY

Vehicle Type : LOW VOLUME VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : The scope was determined by a harness change used by manufacturing beginning in December 2021 due to the addition of a larger capacity water pump with the 38N floorplan.

Production Dates : DEC 10, 2021 - DEC 19, 2023

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 2 : 2022-2024 HOLIDAY RAMBLER ENDEAVOR

Vehicle Type : LOW VOLUME VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : The scope was determined by a harness change used by manufacturing beginning in December 2021 due to the addition of a larger capacity water pump with the 38N floorplan

Production Dates : DEC 17, 2021 - JAN 30, 2024

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : On certain REV Recreation Group Discovery and Endeavor 38 N model motor homes with a Remco 50-54 REBEL 4.0 GPM, larger capacity water pump, it was determined that a water pump harness was incorrectly designed at the battery control center causing the circuit not to be properly fuse protected.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Discovery and Endeavor 38 N water pump harness was designed with incorrect fuse protection. In the event the harness may become damaged or shorted to ground, the wire harness could melt or cause a fire as the circuit was not properly fused.

Description of the Cause : The larger capacity water pump should be protected by a 15-amp fuse. A production schematic was found to have incorrectly designed water pump circuit fuse protection with a 50-amp fuse. The 50-amp fuse is too high for the wire size.

Identification of Any Warning that can Occur : A water pump harness that has been shorted or damaged may cause the wires to melt and smoke. The water pump may not work properly.

Involved Components :

Component Name 1 : NR

Component Description : NR

Component Part Number : NR

Supplier Identification :

Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

Chronology :

3/11/2024 During a routine engineering audit it was discovered that the wiring harness for the larger capacity water pump was incorrectly designed and not fused properly.

3/12 Engineering called for a stop ship and conducted further investigation.

3/18 Engineering reviewed other models and it was determined that the Fleetwood Discovery and Holiday Rambler Endeavor 38 N were the only models and floorplans effected.

3/25 A list of units in REV's inventory were also inspected.

4/1 Further engineering investigation showed that the water pump circuitry was changed as result of the larger capacity water pump. The previous water pump had a completely different harness configuration and was designed properly.

4/6 All units on stop ship were repaired by relocating the harness to an appropriately sized 15-amp fuse.

4/11 REV RV's safety committee met to discuss engineering investigation results.
4/16 REV RV decided to inspect and if needed repair all Discovery and Endeavor 38 N model units in the field through the manufacture date of December 2021.

Description of Remedy :

Description of Remedy Program : An authorized REV Recreation Group Dealer or Service Center will need to perform the remedy. Technicians will be provided technical instructions by REV RV to inspect and perform the needed repair. REV will reimburse owners that have previously paid for a repair that is within the scope of this defect under this recall upon presentation of a paid receipt.

How Remedy Component Differs from Recalled Component : All repaired units will have the water pump circuit relocated to the proper battery control center circuit with an appropriately sized 15-amp fuse, providing proper protection.

Identify How/When Recall Condition was Corrected in Production : The water pump circuit was removed from the Battery Control Center, rewired, and protected by a 15-amp fuse.

Recall Schedule :

Description of Recall Schedule : REV RV will notify owners and dealers of the recall campaign. The repairs will be made free of charge.

Planned Dealer Notification Date : JUN 13, 2024 - JUN 13, 2024

Planned Owner Notification Date : JUN 16, 2024 - JUN 16, 2024

* NR - Not Reported