

Part 573 Safety Recall Report

17V-829

Manufacturer Name : REV Recreation Group**Submission Date :** DEC 19, 2017**NHTSA Recall No. :** 17V-829**Manufacturer Recall No. :** 171213REV**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 : 347

Estimated percentage with defect : 60 %

Vehicle Information :

Vehicle 1 : 2018-2018 American Coach American Dream

Vehicle Type : LOW VOLUME VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : On motorhomes affected by this recall, water may intrude inside the 12-Volt harnesses' connectors, either because a pin connector supplied by APC Manufacturing is missing a needed gasket or because of the placement of the connectors, or both. Non-defective vehicles are either equipped with APC brand connectors(s) with gasket (s) installed, or have a different brand of connector installed, and have wire harnesses routed in such a manner that water does not intrude into the connectors.

Production Dates : SEP 07, 2017 - SEP 07, 2017

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2018-2018 Fleetwood Discovery

Vehicle Type : LOW VOLUME VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : On motorhomes affected by this recall, water may intrude inside the 12-Volt harnesses' connectors, either because a pin connector supplied by APC Manufacturing is missing a needed gasket or because of the placement of the connectors, or both. Non-defective vehicles are either equipped with APC brand connectors(s) with gasket (s) installed, or have a different brand of connector installed, and have wire harnesses routed in such a manner that water does not intrude into the connectors.

Production Dates : MAY 08, 2017 - NOV 17, 2017

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 3 : 2018-2018 American Coach American Revolution

Vehicle Type : LOW VOLUME VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : On motorhomes affected by this recall, water may intrude inside the 12-Volt harnesses' connectors, either because a pin connector supplied by APC Manufacturing is missing a needed gasket or because of the placement of the connectors, or both. Non-defective vehicles are either equipped with APC brand connectors(s) with gasket (s) installed, or have a different brand of connector installed, and have wire harnesses routed in such a manner that water does not intrude into the connectors.

Production Dates : SEP 13, 2017 - SEP 25, 2017

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 4 : 2018-2018 Fleetwood Discovery LXE

Vehicle Type : LOW VOLUME VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : On motorhomes affected by this recall, water may intrude inside the 12-Volt harnesses' connectors, either because a pin connector supplied by APC Manufacturing is missing a needed gasket or because of the placement of the connectors, or both. Non-defective vehicles are either equipped with APC brand connectors(s) with gasket (s) installed, or have a different brand of connector installed, and have wire harnesses routed in such a manner that water does not intrude into the connectors.

Production Dates : MAY 09, 2017 - NOV 29, 2017

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 5 : 2018-2018 Holiday Rambler Endeavor

Vehicle Type : LOW VOLUME VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : On motorhomes affected by this recall, water may intrude inside the 12-Volt harnesses' connectors, either because a pin connector supplied by APC Manufacturing is missing a needed gasket or because of the placement of the connectors, or both. Non-defective vehicles are either equipped with APC brand connectors(s) with gasket (s) installed, or have a different brand of connector installed, and have wire harnesses routed in such a manner that water does not intrude into the connectors.

Production Dates : MAY 10, 2017 - NOV 17, 2017

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 6 : 2018-2018 Holiday Rambler Endeavor XE

Vehicle Type : LOW VOLUME VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : On motorhomes affected by this recall, water may intrude inside the 12-Volt harnesses' connectors, either because a pin connector supplied by APC Manufacturing is missing a needed gasket or because of the placement of the connectors, or both. Non-defective vehicles are either equipped with APC brand connectors(s) with gasket (s) installed, or have a different brand of connector installed, and have wire harnesses

routed in such a manner that water does not intrude into the connectors.

Production Dates : MAY 10, 2017 - NOV 20, 2017

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 7 : 2018-2018 Monaco Marquis

Vehicle Type : LOW VOLUME VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : On motorhomes affected by this recall, water may intrude inside the 12-Volt harnesses' connectors, either because a pin connector supplied by APC Manufacturing is missing a needed gasket or because of the placement of the connectors, or both. Non-defective vehicles are either equipped with APC brand connectors(s) with gasket (s) installed, or have a different brand of connector installed, and have wire harnesses routed in such a manner that water does not intrude into the connectors.

Production Dates : SEP 13, 2017 - SEP 13, 2017

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : On motorhomes affected by this recall, water may intrude inside the 12-Volt harnesses' connectors, either because a pin connector supplied by APC Manufacturing is missing a needed gasket or because of the placement of the connectors, or both.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If water intrudes inside a 12-Volt wire harness pin connector, an electrical short can result, which may result in uncommanded operation of connected 12-Volt systems while the vehicle is in transit, increasing the risk of a crash.

Description of the Cause : The affected pin connectors, supplied by APC, did not have gaskets. The affected harnesses were routed in a manner that may allow water to intrude into the connector.

Identification of Any Warning that can Occur : Systems may operate uncommanded and/or sporadically.

Supplier Identification :

Component Manufacturer

Name : APC Manufacturing

Address : Rio Conchos # 101 Int. G Col. La Luz
Leon, Gto., FOREIGN STATES 37458

Country : Mexico

Chronology :

11/27/17 REV Recreation Group (REV) management requested APC Manufacturing (APC) to perform routine quality audits. An on-site audit at REV's factory determined a small percentage of harnesses were missing pin connector gaskets. Vehicles with missing pin connector gaskets were quarantined; gaskets were added as needed before vehicles shipped.

12/1 APC management returned to REV after checking their factory inventory and advised additional harnesses may have been supplied without pin connector gaskets. REV was unable to determine whether or not any harnesses with missing pin connector gaskets had been installed in vehicles or were shelf stock. REV immediately issued a stop ship order. REV RV investigated further to determine whether or not all affected harnesses were in house.

REV determined that APC brand pin connectors were randomly utilized on 12-volt wire harnesses at REV's factory and that other brands of connectors may have also been used. REV also determined that there was no reliable method to identify the difference between APC brand pin connectors and other brands.

12/4-12/5 REV conducted field inspections and requested dealers in the field to perform inspections. Results were inconclusive due to random usage of APC brand connectors/harnesses. Simultaneously, REV RV quality & engineering began to investigate all APC brand harnesses in an effort to identify issues with gasket seals and wire routing.

12/13/17 REV analyzed results of the investigations of all connector gasket seals and harness routing practices and concluded that specific 12-volt wire harnesses were not weather-tight to prevent water from intruding into the connectors. REV RV corrected production processes by training manufacturing associates on proper installation procedures. Based on the analysis of the investigations, REV decided to conduct a voluntary recall of vehicles manufactured 5/8/17-11/29/17 to correct the subject issues.

Description of Remedy :

Description of Remedy Program : REV Recreation Group will notify owners, and REV dealers will inspect, and if necessary, install a gasket for each affected APC brand harness pin connector and re-route harnesses terminating near the luggage compartment #5 so that the attached connectors are installed inside the compartment.

This service will be performed free of charge.

REV does not plan to offer reimbursement because repairs to all affected units are covered by the new vehicle warranty.

How Remedy Component Differs from Recalled Component : Non-defective vehicles are either equipped with APC brand connectors(s) with gasket(s) installed, or have a different brand of connector installed, and have wire harnesses routed in such a manner that water does not intrude into the connectors.

Affected 12-Volt harness part numbers:
F48-1012 Harness, 12-Volt
F48-1013 Harness, 12-Volt

F48-0772 Harness, 12-Volt
F07-0586 Harness, 12-Volt
F07-0600 Harness, 12-Volt
F07-0608 Harness, 12-Volt
F48-0993 Harness, 12-Volt
F48-1094 Harness, 12-Volt

Identify How/When Recall Condition was Corrected in Production :

The recall condition for the APC harness connectors was corrected in production 12/1/17 when new connectors, equipped with gaskets, were supplied by APC. The recall condition involving the harnesses routed near the luggage compartment (identified "compartment #5") was corrected in production 12/8/17 when REV quality personnel re-trained production associates to install these harness connectors inside the compartment.

Recall Schedule :

Description of Recall Schedule : Dealer notifications will be conducted via email.
Owner notifications will be conducted via US mail.

Planned Dealer Notification Date : FEB 13, 2018 - FEB 13, 2018

Planned Owner Notification Date : FEB 15, 2018 - FEB 15, 2018

* NR - Not Reported