

Part 573 Safety Recall Report

22V-174

Manufacturer Name : Alliance RV, LLC**Submission Date :** JUN 27, 2022**NHTSA Recall No. :** 22V-174**Manufacturer Recall No. :** 22V174**Manufacturer Information :****Manufacturer Name :** Alliance RV, LLC**Address :** 301 Benchmark Drive
Elkhart IN 46516**Company phone :** 1-574-218-7165**Population :****Number of potentially involved :** 293**Estimated percentage with defect :** 100 %**Vehicle Information :**

Vehicle 1 : 2022-2022 Alliance Valor: 36V11 = 25; 37V13 = 10; 40V13 = 40; 41V15 = 9; 42V13 = 12; 43V13 = 9. Paradigm: 295MK = 40; 310RL = 33; 340RL = 20; 365RD = 0; 370FB = 10; 372RK = 0; 385FL = 38; 390MP = 29. Avenue: 30RLS = 14; 31BHS = 0; 32RLS = 24; 36BRM = 12

Vehicle Type : TRAILERS**Body Style :****Power Train :** NR

Descriptive Information : Alliance RV was made aware that a quality / safety issue related to the 50A shower power inlet (Patrick P/N: 93379; Alliance P/N: 10386). Patrick provided information on shipments and quantities along with dates of those orders. That information was used to identify a production 'online date' scope to identify the potentially affected population. The difference between a potentially affected RV and one that is not is the date in came online and would therefore not have the faulty product installed. There is a total of 328 potentially affected products made up of a mixed bag of brands and models (spreadsheet breaks this down).

Production Dates : FEB 09, 2022 - FEB 22, 2022**VIN Range 1 : Begin :** 7M5FP3623NA005867 **End :** 7M5FV4530NA006027☐ Not sequential**VIN Range 2 : Begin :** 7M5FP4226NB201579 **End :** 7M5FP4229NB201463☐ Not sequential**VIN Range 3 : Begin :** 7M5FA402XNC300064 **End :** 7M5FA4023NC300150☐ Not sequential**Description of Defect :**

Description of the Defect : . Specifically, the lugs for the inlets in two shipment lots were produced using an excessively hard material that may prevent proper torquing of the lug to the required 20in/lbs.

FMVSS 1 : NR**FMVSS 2 :** NR**Description of the Safety Risk :** If the lugs are not properly torqued, they may loosen and cause arching,

Description of the Safety Risk : overheating and, potentially, a fire

Description of the Cause : Specifically, the lugs for the inlets in two shipment lots were produced using an excessively hard material that may prevent proper torquing of the lug to the required 20in/lbs. this is due to a material change by the producer of the lugs.

Identification of Any Warning that can Occur : Intermittent electrical issues.

Involved Components :

Component Name 1 : 50AMP Power Inlet

Component Description : Power Inlet (main plug for power to the RV)

Component Part Number : (Patrick P/N: 93379; Alliance P/N: 10386).

Supplier Identification :

Component Manufacturer

Name : Patrick Industries

Address : 107 W Franklin St
PO Box 638 Elkhart Indiana 46515

Country : United States

Chronology :

Alliance RV was notified on 3/22/22 via email from our vendor Patrick Industries of the component issue. At that point, all RVs on site that fell in scope were checked and appropriate action taken. After turning the 50A main breaker to the OFF position, remove the four mounting screws located on the face of the inlet and pull the inlet out of the RV wall. SAVE THESE SCREWS AS THEY WILL BE NEEDED TO REINSTALL THE INLET. After pulling the inlet out of the RV wall, remove the two screws on the inside of the inlet. This will allow you to remove the housing from the back side of the inlet. Unscrew the strain relief on the back of the housing to allow room for the wires to move.

Description of Remedy :

Description of Remedy Program : Turn the main power to the RV OFF (the 50 amp breaker). Locate the power inlet. Remove the power inlet. Test the power inlet for torque spec on lugs. If met, you're good you can reinstall and continue on. If the torque specs are not met, you will need to replace the power inlet.

How Remedy Component Differs from Recalled Component : A remedied component will either meet the proper torque specs or be replaced with one that does.

Identify How/When Recall Condition was Corrected in Production : Bad product isolated and removed from the plants and replaced with known good product.

Recall Schedule :

Description of Recall Schedule : Working currently on developing letters and will mail merge for both retail and dealer letters with instruction to be sent out. Also have to build the recall out in our system to support warranty transactions as well as procure parts.

Planned Dealer Notification Date : APR 29, 2022 - APR 29, 2022

Planned Owner Notification Date : APR 29, 2022 - APR 29, 2022

* NR - Not Reported