

# Part 573 Safety Recall Report

## 22E-023

**Manufacturer Name :** ZH Brothers International Inc.

**Submission Date :** APR 06, 2022

**NHTSA Recall No. :** 22E-023

**Manufacturer Recall No. :** NR



### Manufacturer Information :

**Manufacturer Name :** ZH Brothers International Inc.

**Address :** 5625 Irish way, Unit2

Mishawaka IN 46545

**Company phone :** 6037182

### Population :

**Number of potentially involved :** 3,000

**Estimated percentage with defect :** 20 %

### Equipment Information :

**Brand / Trade 1 :** Epicord

**Model :** 50 amp Shore Power Inlet

**Part No. :** 93379

**Size :** RV065-B

**Function :** NR

**Descriptive Information :** 50 amp shore power inlets imported by ZH Brothers International, Inc. The recall population is based on a review of production records.

**Production Dates :** DEC 01, 2021 - JAN 31, 2022

### Description of Defect :

**Description of the Defect :** The affected units may contain lug bolts that were produced with an excessively hard metal than specified and may not be able to be torqued to the proper specification.

**FMVSS 1 :** NR

**FMVSS 2 :** NR

**Description of the Safety Risk :** If the lug bolts on the inlet cannot be torqued to specification, there is a risk that the lug bolts may loosen over time and impair the connection between the inlet and wiring. If this occurs, the inlet could over heat and/or create electrical arcing and could increase the risk of a fire.

**Description of the Cause :** NR

**Identification of Any Warning that can Occur :** None

### Involved Components :

Component Name : NR

Component Description : NR

Component Part Number : NR

## Supplier Identification :

### Component Manufacturer

Name : Everdevelop Electrical Equipment Co.,ltd

Address : Gujia Industrial area, Meicheng Town

Jiande Foreign States

Country : China

## Chronology :

On February 18, 2022, ZH Brothers International, Inc. ("ZH Brothers") was advised by its U.S. based distributor that it had been made aware of reports that some lug bolts in the 50 amp inlet could not be tightened to the specified torque level. ZH Brothers worked with its distributor which took steps to quarantine the product and ZH Brothers commenced a product review to better understand these reports. On March 2, 2022, ZH Brothers identified certain batches of 50 amp inlets where the metal used in the lug bolts material did not appear to have been produced to the specified hardness and began to produce new 50 amp inlets with correct lug material. The investigation found that if the lug bolts could not be properly tightened, there is a risk of electrical arcing in the gaps between the wire and inlet loosens over time. On March 11, 2022, ZH Brothers decided that a safety-related defect exists in certain 50 amp inlets.

## Description of Remedy :

Description of Remedy Program : The recall remedy program and all quarterly reporting will be conducted by the feh manufacturers affected by this issue. ZH Brothers will reimburse for costs associated with the inspection and if necessary, replacement of the 50 amp inlet related to this recall.

How Remedy Component Differs from Recalled Component : The remedy component will include lug bolts with metal that meets the hardness specification.

Identify How/When Recall Condition was Corrected in Production : The remedy component will include lug bolts that with metal that meets hardness specification.  
Since 3/2/2022

## Recall Schedule :

Description of Recall Schedule : ZH Brothers will notify affected manufacturers and distributors by first-class mail upon NHTSA's approval of the customer notification letter.  
Planned Dealer Notification Date : NR - NR  
Planned Owner Notification Date : APR 15, 2022 - APR 20, 2022

## Purchaser 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 : Heartland RV  
Address : NR  
NR  
Country : US  
Company Phone : 9375411405

Name : Patrick Industries  
Address : NR  
NR  
Country : US  
Company Phone : 5746126271

Name : Mobile Tech Trailers and Conversions  
Address : NR  
NR  
Country : US  
Company Phone : 5742293818

Name : Alliance RV  
Address : NR  
NR  
Country : US  
Company Phone : 2602292621

Name : Grand Design RV  
Address : NR  
NR  
Country : US  
Company Phone : 5746127541

Name : Jayco Inc.

Address : NR

NR

Country : US

Company Phone : 9375411405

Name : Forest River

Address : NR

NR

Country : US

Company Phone : 5748256242

Name : Keystone RV Company

Address : NR

NR

Country : US

Company Phone : 9375411405

\* NR - Not Reported