

Part 573 Safety Recall Report**15V-481****Manufacturer Name :** Liftmoore, Inc.**Submission Date :** JUL 21,2015**NHTSA Recall No. :** 15V-481**Manufacturer Recall No. :** 13E-050**Manufacturer Information :**

Manufacturer Name : Liftmoore, Inc.

Address : 7810 Pinemont Drive
Houston TX 77040

Company phone : 713-688-5533

Population :

Number of potentially involved : 13

Estimated percentage with defect : 100

Vehicle Information :

Vehicle : 2000-2013 Battery Equalizer 12040E00

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : UNKNOWN

Power Train : NR

Descriptive Information : This report serves as Liftmoore Incorporated's notification to the U.S. Department of Transportation, National Highway Traffic Safety Administration that a "defect related to motor vehicle safety" exists in certain 12V – 24V 40A Battery Equalizers (Sure Power P/N 12040E00). The Manufacturer, Sure Power (Recall 13E-050) decided that this defect existed in these Battery Equalizers on September 10, 2013.

Production Dates : JAN 01, 2000 - AUG 18, 2013

VIN (Vehicle Identification Number) Range

Begin : NR

End : NR

 Not sequential VINs**Description of Defect :**

Description of the Defect : According to RECALL 13E-050 Sure Power, Inc. ("Sure Power") has decided that a defect which relates to motor vehicle safety exists in battery equalizers and DC-DC Converters that have been sold for installation on vehicles with 24V/12V dual voltage electrical systems, buses, on-road trucks, and other specialty vehicle applications.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : According to Recall 13E-050 confirmed incidents to date have demonstrated smoking or flame at the affected part with additional damage limited to adjacent/connected parts such as wire harnesses and cables

Description of the Cause : Within the unit, specific potting compound used in the subject products for insulation was found to be capable of conducting electricity once exposed to significant thermal energy. Once electrically conductive, the material is capable of melting and burning, increasing the risk of fire. Thermal energy can be sourced by various electrical failures, and Sure Power is still investigating whether there are application-specific contributions to the risk of failure. Electrical failures have been traced to water intrusion or solder joint fatigue resulting from ongoing expansion and contraction due to thermal cycling.

Identification of Any Warning that can Occur : The failure mechanism is not detectable and no prior warning is given.

Supplier Identification :**Component Manufacturer**

Name : Sure Power Industries

Address : 10189 SW Avery Street
Tulatin OREGON 97062

Country : United States

Chronology :

Liftmoore, Inc. received notice first from NHTSA Safety Recall EQ 14-002, then by Sure Power Recall 13E-050. According to RECALL 13E-050 Sure Power, Inc. ("Sure Power") has decided that a defect which relates to motor vehicle safety exists in battery equalizers and DC-DC Converters that have been sold for installation on vehicles with 24V/12V dual voltage electrical systems, buses, on-road trucks, and other specialty vehicle applications.

Description of Remedy :

Description of Remedy Program : Liftmoore, Inc. will submit "Safety Recall Notice" to each Distributor who purchased the defect product. We will provide our Distributor with details of their order including, PO number; dates; shipping points, and Liftmoore invoice number.

Concerning remedy of costs and replacements, Liftmoore will submit Sure Power instructions for identification of defect product; replacement instructions and reimbursement of out of pocket expenses.

How Remedy Component Differs from Recalled Component : Sure Power, Inc. indicates the remedy component P/N 12040E10 does not contain the potting material that the recalled units P/N 12040E00 contain.

Identify How/When Recall Condition was Corrected in Production :

Within 2 weeks of written approval of this form from the NHTSA, Liftmoore, Inc. will issue "Safety Recall Notices" to our named

Distributors by certified mail.

Recall Schedule :

Description of Recall Schedule : Upon approval from NHTSA, Liftmoore, Inc. will submit "Safety Recall Notice" to each Distributor who purchased the defect product by Certified mail within the following time period:

Beginning Aug. 3, 2015 - Ending Aug. 14, 2015

Planned Dealer Notification Date : AUG 03, 2015 - AUG 14, 2015

Planned Owner Notification Date : NR - NR

* NR - Not Reported