

Part 573 Safety Recall Report

18E-093

Manufacturer Name : Ioxus Corporation

Submission Date : NOV 20, 2018

NHTSA Recall No. : 18E-093

Manufacturer Recall No. : NR



Manufacturer Information :

Manufacturer Name : Ioxus Corporation

Address : 18 Stadium Circle

Oneonta NY 13820

Company phone : 441-3500

Population :

Number of potentially involved : 3,877

Estimated percentage with defect : 100 %

Equipment Information :

Brand / Trade 1 : uSTART

Model : UST12V1100G31-ISA

Part No. : UST12V1100G31-ISA

Size : NR

Function : Energy Storage

Descriptive Information : - Recall population was determined by invoiced shipment information combined with return information for affected products.

- Products not included in the recall were manufactured after changes in the product design and manufacturing processes that eliminate the potential failure mode present in the products to be recalled.

Production Dates : APR 03, 2017 - NOV 17, 2017

Description of Defect :

Description of the Defect : The energy storage module's overlay seal can delaminate due to high physical strain or high temperature and moisture combination over time, compromising the IP67 rating

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Compromising the IP67 rating can allow rain water inside the module, potentially shorting the electronics and depending upon where the short occurs a thermal event is possible

Description of the Cause : NR

Identification of Any Warning that can Occur : NR

Supplier Identification :**Component Manufacturer**

Name : Ioxus Corporation
Address : 18 Stadium Circle
Oneonta 13820
Country : NR

Chronology :

Daimler Trucks North America had issued a recall of this product, submission date Feb 16, 2018, (NHTSA Recall No. 18V-116) sighting their installation bracket could cause damage potentially resulting in a safety issue. Ioxus was informed on Sept 17, 2018 that an additional thermal event had occurred on a non-Daimler truck and consequently the decision was made to recall all of these energy storage modules.

Description of Remedy :

Description of Remedy Program : The energy storage module was redesigned to include potting of the electronics boards to completely prevent corrosion along with a new overlay that is extremely durable to physical stress, temperature and moisture.

Ioxus will exchange recalled product with the improved design.

How Remedy Component Differs from Recalled Component : Part No. is uST12V1100G31-KUA

Identify How/When Recall Condition was Corrected in Production : The new design was implemented into production on Nov 20, 2017

Recall Schedule :

Description of Recall Schedule : All purchasers and end users have been notified. No Dealers are used for this product.

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : SEP 25, 2018 - OCT 19, 2018

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 : NR
Address : NR
NR
Country : NR
Company Phone : NR

* NR - Not Reported