

Part 573 Safety Recall Report

18E-106

Manufacturer Name : Irvine Shade & Door, Inc.

Submission Date : NOV 26, 2018

NHTSA Recall No. : 18E-106

Manufacturer Recall No. : NR



Manufacturer Information :

Manufacturer Name : Irvine Shade & Door, Inc.

Address : 1000 Verdant Drive

Elkhart IN 46516

Company phone : 522-1446

Population :

Number of potentially involved : 5,000

Estimated percentage with defect : 1 %

Equipment Information :

Brand / Trade 1 : Irvine Shade & Door Inc

Model : Windshield Motor Shade

Part No. : various

Size : NR

Function : NR

Descriptive Information : Recall population was determined by component part supplier shipment dates

Production Dates : SEP 29, 2016 - APR 15, 2018

Description of Defect :

Description of the Defect : Windshield Motor Shade may descend unexpectedly and possibly without warning

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Potential for windshield shade to descend unexpectedly potentially blocking vision of driver and passenger thus resulting potential collision which could result in injury or death

Description of the Cause : Stacked Tolerance of Aluminum Tubing and plastic motor head

Identification of Any Warning that can Occur : Clicking sound of windshield motor scraping against motor tube may be audible

Supplier Identification :

Component Manufacturer

Name : Irvine Shade & Door, Inc.
Address : 1000 Verdant Drive
Elkhart INDIANA 46526
Country : United States

Chronology :

Report from Forest River Inc.Plant 68 (customer) reporting a failure of the component. We requested and received the defective component and tested the unit and compared to current production. After developing a theory about the defect we tested our hypothesis and determined that the aluminum tubing of the shade was on the large end of the acceptable tolerance and that the plastic motor head was running at the low end of the the acceptable tolerance resulting in the failure to stay engaged. The problem was not identified at the component manufacturing plant, the OEM customer, or at the Retail dealer, or by the end user because the problem was slow and progressive only resulting in failure after repeated operation.

Description of Remedy :

Description of Remedy Program :	Remedy was discovered by figuring how to fuse the Aluminum Tubing to the Motor Head by use of a mechanical fastener thus solving the potential for failure in the field.
How Remedy Component Differs from Recalled Component :	#4 x 1/2 Flat Heade Screw is added to the assembly preventing possible failure of the motor head to stay engaged inside the Aluminum Tube.
Identify How/When Recall Condition was Corrected in Production :	The problem was solved prior to discovery by re-engineering the Aluminum Tube to have more robust retention nubs. That action was taken to resolve another related problem with retention of our Manual Roller Shades which are not used in the Motor Shade Application, but do share the same Aluminum Tube design. Date of new Tube usage 1/1/2018

Recall Schedule :

Description of Recall Schedule :	Recall Schedule is being determined by Foreast River Inc. and Thor Industries
Planned Dealer Notification Date :	NR - NR
Planned Owner Notification Date :	NR - NR

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