

Part 573 Safety Recall Report

19E-033

Manufacturer Name : Aero Industries, Inc

Submission Date : MAY 07, 2019

NHTSA Recall No. : 19E-033

Manufacturer Recall No. : CAR #33756



Manufacturer Information :

Manufacturer Name : Aero Industries, Inc

Address : 4243 W. Bradbury Avenue

Indianapolis IN 46241

Company phone : 999

Population :

Number of potentially involved : 307

Estimated percentage with defect : 100 %

Equipment Information :

Brand / Trade 1 : Easy Cover Tarping System

Model : All manual models

Part No. : 0311-960728

Size : NR

Function : NR

Descriptive Information :

- 1) Non-conforming Pawl Assemblies (0311-960728) were received from Aero Industries supplier starting November 11th, 2018 lasting thru April 19th, 2019.
- 2) Aero Industries supplier did not tack weld the Pin on the Pawl Assembly during their manufacturing process. Non-conforming Pawl Assemblies do not have tack weld on the back side of the Pawl Assembly Pin.
- 3) A total of 229 Manual Easy Cover Crank Assemblies, along with 78 replacement Pawl Assemblies were shipped to Aero Industries customers between November 11, 2018, and April 19, 2019. Total non-conformance Pawl Assembly's shipped = 307

Production Dates : NOV 11, 2018 - APR 19, 2019

Description of Defect :

Description of the Defect : Pawl Assembly (0311-960728) is used in all Aero Industries Easy Cover Manual Crank Assemblies. During the Pawl Assembly assembling process the Spring Return Pin (0835-691715) must be tack welded to the bottom of the Pawl.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Pawl Assembly could dis-engage from Hub on Manual Crank Assembly. Dis-engagement could cause Swing Arms on Easy Cover tarping system to swing to the back of the dump body.

Description of the Cause : Tack welding of the Spring Return Pin to the Pawl did not occur during the assembly process.

Identification of Any Warning that can Occur : Swing Arms on Easy Cover tarp system could swing to back of dump body uncontrollable.

Supplier Identification :

Component Manufacturer

Name : Tomlinson Manufacturing Company, Inc.

Address : 2457 East Washington Street
Suite B Indianapolis INDIANA 46201

Country : United States

Chronology :

On Wednesday April 10th, 2019. Aero Industries received a phone call from a customer that was experiencing the Pins coming out of the Pawl Assemblies. Upon inspection of all Pawl Assemblies currently in Aero Industries inventory, it was found that Aero Industries supplier had eliminate the tack welding operation. This situation created a non-conformance to Aero Industries design requirements. Aero Industries created Corrective Action Report #33756 on Thursday April 11th, 2019. Aero Industries supplier has documented the first shipment of non-conformance Pawl Assembly's to Aero Industries was on November 12, 2018, and a secondary shipment to Aero Industries on December 7, 2018.

Description of Remedy :

Description of Remedy Program : Starting on April 11, 2019 all Aero Industries inventory was red tagged placing them on Quality Hold for being in non-conformance. All Quality Hold parts (Pawl Assembly's) were returned to supplier for proper re-work. Aero Industries supplier re-worked all non-conforming parts per instructions supplied by Aero Industries. New Pawl Assembly's were received from supplier on April 18, 2019. Aero Industries will ship new Pawl Assembly's to all customers receiving non-conforming parts from Aero Industries between November 12, 2018, and April 18, 2019 free of charge. Aero Industries will also reimburse for any labor incurred for customer to switch defective Pawl Assembly's with good Pawl Assemblies. Aero Industries will also be requesting customers return the non-conforming Pawl Assemblies to Aero Industries with Aero Industries paying the return freight charges.

How Remedy Component Differs from Recalled Component : All non-conforming Pawl Assembly's (0311-960728) the Spring Return Pin (0835-691715) will not be welded to the bottom of the Pawl.

Identify How/When Recall Condition was Corrected in Production : Conforming parts were received from Aero Industries supplier on April 18th, 2019. New conforming Pawl Assembly's were inspected during the incoming receiving inspection process, and move to designated inventory bin location after Pawl Assembly's passed the incoming receiving inspection process. New compliant Pawl Assemblies (0311-960728) were available for production on April 18, 2019.

Recall Schedule :

Description of Recall Schedule : NR
Planned Dealer Notification Date : MAY 18, 2019 - JUN 18, 2019
Planned Owner Notification Date : MAY 18, 2019 - JUN 18, 2019

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