

Part 573 Safety Recall Report

23V-590

Manufacturer Name : Aluminum Trailer Company (ATC)**Submission Date :** DEC 04, 2023**NHTSA Recall No. :** 23V-590**Manufacturer Recall No. :** NR**Manufacturer Information :**

Manufacturer Name : Aluminum Trailer Company (ATC)

Address : 751 N Tomahawk Trail

Nappanee IN 46650

Company phone : 574-773-2440

Population :

Number of potentially involved : 58

Estimated percentage with defect : 20 %

Vehicle Information :

Vehicle 1 : 2022-2023 ATC PL700

Vehicle Type : TRAILERS

Body Style : OTHER

Power Train : NR

Descriptive Information : The process changed when the personnel changed on a specific line in Aug. of 2022 through the end of July 2023. It was determined the other production lines were using the correct process of installation. The line produced 58 trailers in that time frame that have this component at risk

Production Dates : AUG 01, 2022 - JUL 31, 2023

VIN Range 1 : Begin : 5JX3U3621PE229740 End : 5JX3U4331RF231679

 Not sequential**Description of Defect :**

Description of the Defect : It is possible the wire connections within the transfer switch could be under torqued

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If the connections are under torqued and are loose the connections could cause friction which could result in a thermal event

Description of the Cause : This was a result from the improper tool being used for installation not providing the proper torque

Identification of Any Warning that can Occur : A burnt smell or smoke from the transfer switch

Involved Components :

Component Name 1 : 50A Transfer Switch w/Reverse Polarity

Component Description : 50A Transfer Switch w/Reverse Polarity

Component Part Number : 0019561

Supplier Identification :

Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

Chronology :

7/24/2023 A warranty claim came in for transfer switch smoking and burnt wires. There were no injuries.

7/27/2023 Our service department found a unit in service with loose connections in the transfer switch. There was no damage or injury

Early August: An investigation was initiated due to the loose connections.

After the investigation was performed it was found that the improper tool was being used to attach the wires in the transfer switch which could result in the connections being loose.

Immediate action was taken on the production line to ensure the proper tool was being used with the proper torque.

An investigation was conducted on what units were at risk and it was found to be model PL700 5th wheels manufactured Aug 2022 to July 2023

8/17/23 It was decided that loose connections in the transfer switch could possibly cause friction and heat up and catch fire.

8/17/23 it was decided to continue with a NHTSA recall to have these connections checked for proper torque.

Description of Remedy :

Description of Remedy Program : ATC will supply work instructions and any parts applicable to any damaged components if needed. Work instructions will be sent to the dealers and retail customers. The repair facility will be allotted 15 minutes for the torque check procedure and will be reimbursed accordingly. If a customer or dealer has incurred any costs related to this defect prior to the notification those costs will be reimbursed.

How Remedy Component Differs from Recalled Component : Once the torque is checked and torque specifications are acquired the connections would be tight and not be at risk of causing friction to heat up.

Identify How/When Recall Condition was Corrected in Production : When this risk was found all trailers on premises were checked and torqued if needed. The process on line was immediately rectified and proper tools were initiated in the on line operation and followed up with QC.

Recall Schedule :

Description of Recall Schedule : Recall notification will begin on 8/28/23 and be completed on 8/30/23. Owners will be notified via first class mail. Dealers will be notified via e-mail with return receipts

Planned Dealer Notification Date : AUG 28, 2023 - AUG 30, 2023

Planned Owner Notification Date : AUG 28, 2023 - AUG 30, 2023

* NR - Not Reported