

# Part 573 Safety Recall Report

## 21V-902

**Manufacturer Name :** Aluminum Trailer Company (ATC)**Submission Date :** JAN 07, 2022**NHTSA Recall No. :** 21V-902**Manufacturer Recall No. :** NR**Manufacturer Information :****Population :****Manufacturer Name :** Aluminum Trailer Company (ATC)**Number of potentially involved :** 461**Address :** 751 N Tomahawk Trail**Estimated percentage with defect :** 39 %**Nappanee IN 46650****Company phone :** 574-773-2440**Vehicle Information :****Vehicle 1 :** 2021-2021 ATC Quest/Raven**Vehicle Type :** TRAILERS**Body Style :****Power Train :** NR

**Descriptive Information :** On certain, ATC Quest/Raven trailers specifically with a spring assist ramp door assemblies, an incorrect fastener assembly may have been used as the attachment point for the cable.

**Production Dates :** JUN 10, 2021 - SEP 03, 2021**VIN Range 1 : Begin :** 5JX1A2221MD222160 **End :** 5JX1C2821ND225207☒ Not sequential**Description of Defect :**

**Description of the Defect :** On certain, ATC Quest/Raven trailers specifically with a spring assist ramp door assemblies, an incorrect fastener assembly (washer, bushing, fastener) may have been used as the attachment point for the cable and may have been overtorqued.

**FMVSS 1 :** NR**FMVSS 2 :** NR

**Description of the Safety Risk :** If the trailer specified has the incorrect cable fastener assembly and was over tightened, the excessive stress on the bushing could cause the fastener/ bushing assembly to deform and break. If one cable bushing fails, this adds stress to the opposite side bushing potentially causing failure. The failed connection could potentially cause the cables to violently retract, increasing the risk of injury. Also if both cable fail, there will be no assistance to open the ramp door.

**Description of the Cause :** NR

**Identification of Any Warning** NR  
**that can Occur :**

**Involved Components :**

Component Name 1 : Spring Assist Cable Assembly

Component Description : Ramp Door Cable, 149"L Set

Component Part Number : 0018565

**Supplier Identification :****Component Manufacturer**

Name : Transglobal

Address : 500 North Warpole  
Upper Sandusky Ohio 46651

Country : United States

**Chronology :**

No field failures to date. During regular QC inspection of trailers, it was noted by a QC inspector that the fastener assembly (bushing, fastener and washer) was compressing the plastic assembly and a small crack in the bushing was identified. An investigation was started and research and testing was completed and it was determined on 11/15/21, that in fact, the bushings could potentially break if over torqued or under extreme stress. It was also determined through testing that if one cable bushing fails, it adds additional stress to the other cable bushing which could potentially cause that bushing to fail. If both cable bushings fail with the door open, the cables may potentially violently retract, increasing the risk of injury. Also if both cables fail, the door will have no assistance when opened to close the door. The notification to NHTSA occurred on 11/19/21 in accordance with the reporting rules.

**Description of Remedy :**

Description of Remedy Program : ATC will supply new materials and work instructions to replace the existing ramp door cable fastener assembly. ATC will supply the required parts kit and work instructions for the repair. This will be sent out within one (1) week of the repair request. The repair facility will be allotted 30 minutes for the repair and will be reimbursed accordingly. If a customer or dealer have incurred costs for the ramp door cable assembly that would have been covered with this repair, those costs will be reimbursed.

How Remedy Component Differs from Recalled Component : The new ramp door cable fastener assembly will have a nylon bushing as well as washers with a nylock nut and a longer bolt compared to just the nylon bushing, shorter bolt in the current assembly. In this combination,

<b>Identify How/When Recall Condition was Corrected in Production :</b>	the washers prevent the bolt from directly contacting the nylon bushing to compress it and also act as a second anchor point for the bolt and nylock nut The kits will include all pieces necessary for the repair.
	The recall condition was corrected in production. The replacement ramp door cable fasteners were installed on all impacted trailers that were on the premises.

### Recall Schedule :

Description of Recall Schedule :	Recall notification will begin on 1/14/22 and be completed on 1/17/22. Owners will be notified via first class mail. Dealers will be notified via email with return receipts.
Planned Dealer Notification Date :	JAN 14, 2022 - JAN 17, 2022
Planned Owner Notification Date :	JAN 14, 2022 - JAN 17, 2022

\* NR - Not Reported