

Part 573 Safety Recall Report

21V-902

Manufacturer Name : Aluminum Trailer Company (ATC)**Submission Date :** DEC 03, 2021**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 specifiially 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 specifiially 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 torqued, the excessive stress on the bushing could cause the fastener/bishing 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. Also if both cable fail, there will be no assitance 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. Also if both cable 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 : NR

How Remedy Component Differs
from Recalled Component :

Identify How/When Recall Condition
was Corrected in Production : NR

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