

Part 573 Safety Recall Report

21V-902

Manufacturer Name : Aluminum Trailer Company (ATC)**Submission Date :** NOV 19, 2021**NHTSA Recall No. :** 21V-902**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 : 461

Estimated percentage with defect : 39 %

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 torqued, 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. Also if both cable fail, there will be no assistance to open the ramp door.

Description of the Cause : NR

Identification of Any Warning that can Occur : NR

Involved Components :

Component Name 1 : NR

Component Description : NR

Component Part Number : NR

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 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 : NR

How Remedy Component Differs
from Recalled Component : NRIdentify How/When Recall Condition
was Corrected in Production : NR**Recall Schedule :**

Description of Recall Schedule : NR

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : NR - NR

* NR - Not Reported