

Part 573 Safety Recall Report

21V-171

Manufacturer Name : Aluminum Trailer Company (ATC)**Submission Date :** APR 29, 2021**NHTSA Recall No. :** 21V-171**Manufacturer Recall No. :** NR**Manufacturer Information :****Population :**

Manufacturer Name : Aluminum Trailer Company (ATC)

Number of potentially involved : 230

Address : 751 N Tomahawk Trail

Estimated percentage with defect : 22 %

Nappanee IN 46650

Company phone : 574-773-2440

Vehicle Information :

Vehicle 1 : 2018-2021 ATC ARV/Gamechanger/Pro Bumper Pull

Vehicle Type : TRAILERS

Body Style : OTHER

Power Train : NR

Descriptive Information : Aluminum Trailer Company (ATC) is recalling certain 2018-2021 ARV/Gamechanger/Pro bumper pull trailers specifically with tandem 6,000lb axles. There are approximately 233 units involved with this recall.

Production Dates : JUL 23, 2018 - JAN 29, 2021

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential**Description of Defect :**

Description of the Defect : On certain, ATC ARV/Gamechanger/Pro bumper pull trailers specifically with tandem 6000 lb axles, safety chains rated at 11,700 lbs were installed which are insufficient for the trailer with tandem 6,000 lb axles

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If the trailer specified is fully loaded to the GVWR rating and the trailer were to become disconnected from the ball hitch on the tow vehicle, it may be possible that the safety chains could reach their maximum tensile strength and fail, causing the trailer to become disconnected from the tow vehicle.

Description of the Cause : NR

Identification of Any Warning that can Occur : NR

Involved Components :

Component Name 1 : Chain

Component Description : Chain, Safety 11,700# 5/16" x 34" GRD 4 1C/CSA

Component Part Number : 013456

Supplier Identification :

Component Manufacturer

Name : Crystal Valley Sales

Address : 4100 Bullard Road
Elkhart Indiana 46516

Country : United States

Chronology :

No field failures reported to date. During regular QC inspection of trailers it was noted by a QC inspector on 3/1/21 that the safety chains that were installed on a trailer with tandem 6,000 lb axles were out of compliance with the weight rating of the trailer. An investigation was started and research completed and it was determined on 3/8/21, that in fact, the safety chains being installed (11,700 lbs) were not in compliance. It was determined that the chain could potentially break if the trailer specified is fully loaded to the GVWR rating and the trailer were to become disconnected from the ball hitch on the tow vehicle, it may be possible that the safety chains could reach their maximum tensile strength and fail, causing the trailer to become disconnected from the tow vehicle. The notification to NHTSA occurred on 3/12/21 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 safety chains with a safety chain that meets the GVWR rating of the trailer. 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 one (1) hour for the repair and will be reimbursed accordingly. If a customer or dealer have incurred costs for the chains that would have been covered with this repair, those costs will be reimbursed.

How Remedy Component Differs from Recalled Component : The new chains have a higher tensile strength and rating than the chains currently installed - 11,700# chains versus 16,200# chains. The kits will include all pieces necessary for the repair.

Identify How/When Recall Condition was Corrected in Production :	The recall condition was corrected in production on 3/10. The replacement safety chains were installed on all impacted trailers that were on the premises.
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Recall Schedule :

Description of Recall Schedule :	Recall notification will begin on 5/3/21 and be completed on 5/7/21. Owners will be notified via first class mail. Dealer letters will be notified via email with return receipts
Planned Dealer Notification Date :	MAY 03, 2021 - MAY 07, 2021
Planned Owner Notification Date :	MAY 03, 2021 - MAY 07, 2021

* NR - Not Reported