

Part 573 Safety Recall Report

20V-432

Manufacturer Name : High Altitude Trailer Co LLC**Submission Date :** APR 07, 2021**NHTSA Recall No. :** 20V-432**Manufacturer Recall No. :** 2020G27**Manufacturer Information :**

Manufacturer Name : High Altitude Trailer Co LLC

Address : 7128 Reynolds Drive

Suite 200 Sedalia CO 80135

Company phone : 7203916685

Population :

Number of potentially involved : 6

Estimated percentage with defect : 25 %

Vehicle Information :

Vehicle 1 : 2019-2020 High Altitude Trailer Co XT50

Vehicle Type : TRAILERS

Body Style : OTHER

Power Train : NR

Descriptive Information : Trailers retrofitted with a rear swing arm spare tire carrier. There are six trailer out of 24 affected by the recall. The swing arm bracket is painted black on recalled trailers and painted gray on non-recalled trailers.

Production Dates : AUG 20, 2019 - APR 27, 2020

VIN Range 1 : Begin : 1H91F1517KS736007 End : 1H91F1514LS736031

 Not sequential**Description of Defect :**

Description of the Defect : Rear retrofitted swing arm spare tire carrier bracket weld fails when put under additional loads by attaching carriers to the spare tire. This failure will lead to an increased risk of crash.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : The welds may fail causing the swing arm, spare tire, and other attachments to break away from the trailer frame while in transit. This could impact other vehicles, property, or personnel. This failure will lead to an increased risk of crash.

Description of the Cause : The top section of the swing arm bracket is missing a weld which leads to undue stress on remaining welds in a manner that cause accelerated fatigue.

Identification of Any Warning that can Occur : Welds may show cracks and rust.

Involved Components :

Component Name 1 : NR

Component Description : NR

Component Part Number : NR

Supplier Identification :

Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

Chronology :

On 7/27/2020, High Altitude Trailer Company was notified, through their dealer Earthship Overland, of a failure in the field of the weld. The trailer owner sent pictures. High Altitude immediately evaluated the failure and determined that this would potentially fail on other trailers. A recall was instituted on 7/28/2020.

Description of Remedy :

Description of Remedy Program : Trailers in the immediate region of High Altitude Trailer Co will be brought back to the manufacturer's facility. The manufacturer will add reinforcing welds along the top seam of the swing arm bracket and trailer frame. For customers not in the immediate region, the manufacturer will coordinate with a local welding repair shop to add the welds and reimburse the shop directly.

How Remedy Component Differs from Recalled Component : There will be visible welds along the top seam of the swing arm bracket.

Identify How/When Recall Condition was Corrected in Production : Retrofitted rear swing arm spare tire carriers are no longer being installed on trailers. Swing arm brackets are being installed as part of the original frame production insuring that all seams are welded.

Recall Schedule :

Description of Recall Schedule : Letters were sent on 7/28/2020 to all affected trailer owners and the affected dealership.

Planned Dealer Notification Date : JUL 28, 2020 - JUL 28, 2020

Planned Owner Notification Date : JUL 28, 2020 - AUG 31, 2020

* NR - Not Reported