

Part 573 Safety Recall Report

21V-548

Manufacturer Name : Altec Industries, Inc.**Submission Date :** JUL 21, 2021**NHTSA Recall No. :** 21V-548**Manufacturer Recall No. :** CSN 828**Manufacturer Information :**

Manufacturer Name : Altec Industries, Inc.

Address : 210 Inverness Center Drive
Birmingham AL 35242

Company phone : 205 991 7733

Population :

Number of potentially involved : 1,284

Estimated percentage with defect : 5 %

Vehicle Information :

Vehicle 1 : 2020-2020 Altec AA5X/AN5X, AA5X(E)/AN5X(E), AA6X/AN6X, AA6X(E)/AN6X(E), AN4X-OC/AN4X(E)-OC, AN5X-OC/AN5X(E)-OC, AA/AN67-E100 and AA/AN67(E)-E100

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population was determined from a review of production records and includes all units with the potential for identified supplier component to be installed.

Production Dates : MAR 01, 2020 - NOV 30, 2020

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

Description of the Defect : The leveling sprocket on the recalled units could have a cold weld with poor penetration between the sprocket and hub assembly. This weld defect could cause the weld to fail and allow the sprocket to spin on the hub.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : The weld between the sprocket and hub could fail resulting in uncontrolled platform leveling. Serious injury or death could occur if the platform tips with an operator not wearing required fall protection equipment. This could result in a fall from the elevated platform.

Description of the Cause : NR

Identification of Any Warning that can Occur : A functional test of the aerial device during the pre-operational inspection could identify a failed sprocket.

Involved Components :

Component Name 1 : Sprocket

Component Description : Leveling Sprocket

Component Part Number : 970623472

Supplier Identification :

Component Manufacturer

Name : G & G Manufacturing Company

Address : 4432 McKinley Street

Omaha Nebraska 68112

Country : United States

Chronology :

In May of 2021, Altec was notified of a failed sprocket on a customer unit. Altec requested that the failed sprocket be returned for evaluation. Poor weld quality between the hub and sprocket was determined to cause the failure. The manufacturer, G&G Manufacturing, reviewed production records to determine the cause and component population involved with a poor weld. Altec reviewed service records and inspected in the field a sample of units with the suppliers sprocket installed. Although no other defective parts were identified, Altec researched production records and has decided a potential for defect is present.

Description of Remedy :

Description of Remedy Program : The remedy action will include an inspection to determine if the unit has a sprocket from the identified supplier. Sprockets manufactured by other suppliers are not affected by this recall and can be returned to service. Units with sprockets from the identified supplier with evidence of cracks will require replacement of damage sprocket assembly. If no damage is observed, a secondary retention kit will be installed to limit rotation of the platform in the case of a failed weld.
Altec Warranty Policy covers the recall remedy.

How Remedy Component Differs from Recalled Component : Production units not within the recall population are using a sprocket from a different supplier.

Identify How/When Recall Condition was Corrected in Production : The involved component had been switched to a different supplier before the identified failure occurred.

Recall Schedule :

Description of Recall Schedule : Altec will issue CSN 828 to the owners of the affected units. Altec does not have a dealer network and issues letters to owners only.

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : SEP 16, 2021 - SEP 17, 2021

* NR - Not Reported