

Part 573 Safety Recall Report

22V-613

Manufacturer Name : Altec Industries, Inc.

Submission Date : AUG 10, 2022

NHTSA Recall No. : 22V-613

Manufacturer Recall No. : CSN-3017



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 : 975

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2015-2022 Altec DT65, DT85

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : All identified units of the model type produced within the affected production dates have been included in the recall. The recall population was determined from a review of production records.

Production Dates : AUG 15, 2015 - AUG 04, 2022

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Description of Defect :

Description of the Defect : The weld between the base boom and the auger stow bracket could crack.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If the weld begins to crack and is not detected, the auger bracket could detach from the boom. A detached auger bracket could increase the risk of injury to personnel near the unit.

Description of the Cause : NR

Identification of Any Warning that can Occur : During an annual inspection, the weld crack should be identified with the covers removed. An operator could detect flexing of the bracket during stow and unstowing of the auger. There is no other warning that the bracket weld is near failure.

Involved Components :

Component Name 1 : DT65 Base Boom

Component Description : DT65 Base Boom

Component Part Number : 990088386

Component Name 2 : DT85 Base Boom

Component Description : DT85 Base Boom

Component Part Number : 991050494

Supplier Identification :

Component Manufacturer

Name : Altec Inc.

Address : 2106 S Riverside Rd
Saint Joseph Missouri 64507-2535

Country : United States

Chronology :

On July 13, 2022, Altec Service reported weld cracks on the auger stow brackets of customer units. Altec began investigating the crack's failure mode and determined that the weld stresses were higher than desired. On August 2, 2022, a potential field action was opened to determine the severity, detectability, and potentially affected population. On August 4, 2022, Altec determined that a potential defect was present in a certain field population and determined that a field campaign was required. There have been no additional warranty claims or field reports identified. There have been no accidents, injuries, or deaths related to this issue.

Description of Remedy :

Description of Remedy Program :	The base boom will be inspected for cracks at the vertical plates. If small cracks or no cracks are found, the cracks will be repaired. the upper horizontal auger stow support will be removed from the vertical plates, and a horizontal auger stow support bracket will be welded to the boom. This horizontal bracket will provide additional support to the auger stow and reduce the stress on the vertical plate welds. If the cracks are determined to be unrepairable, the base boom will be replaced. The recall remedy will be completed free of charge when presented for repair. The Altec Warranty Policy covers the recall remedy, including cases requiring reimbursement for the cost of obtaining a pre-notification remedy of the problem associated with this recall.
How Remedy Component Differs from Recalled Component :	The crack occurs in the welds attaching the vertical plates to the base boom. The remedy plate is welded horizontally to the base boom removing the stress concentrations from the vertical plates.
Identify How/When Recall Condition was Corrected in Production :	The bracket was redesigned to move the stress from the vertical plates to a horizontal plate welded to the base boom.

Recall Schedule :

Description of Recall Schedule :	Altec will issue CSN-3017 to the owners of the affected units. Altec does not have a dealer network and issues letters to owners only.
Planned Dealer Notification Date :	OCT 07, 2022 - OCT 07, 2022
Planned Owner Notification Date :	OCT 07, 2022 - OCT 07, 2022

* NR - Not Reported