

Part 573 Safety Recall Report

22V-794

Manufacturer Name : Altec Industries, Inc.

Submission Date : OCT 21, 2022

NHTSA Recall No. : 22V-794

Manufacturer Recall No. : CSN 3030



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 : 71

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2019-2022 Altec AT41ME

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : AT41ME units with the involved design produced between the affected dates are included in the recall population. The recall population was determined from a review of production records.

Production Dates : JUL 03, 2019 - APR 08, 2022

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : Affected units have a material handling system that is interlocked when outriggers are not in use. The material handling interlock valve could lose 12-volt power when the outriggers are not set. Losing power to the material handling interlock valve will allow the unit to be operable in material handling mode with the outriggers up.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Without the outriggers set, the unit could be unstable while lifting loads with the jib winch, causing the unit to tip, increasing the risk of death or serious injury to the operator and others nearby.

Description of the Cause : NR

Identification of Any Warning that can Occur : The retracted outriggers are a visible indicator to the operator and indicate that the unit is not set up to use the jib winch to lift a load. No other warning indicates a failure in the jib winch interlock system.

Involved Components :

Component Name 1 : Hydraulic Valve, Normally open

Component Description : Hydraulic Valve, Normally open

Component Part Number : 990591015

Supplier Identification :

Component Manufacturer

Name : Altec Inc.

Address : 2106 S Riverside Rd

Saint Joseph Missouri 64507-2535

Country : United States

Chronology :

In December of 2021, an Altec team working on a new product identified that the material handling interlock valve selected could be shifted to an open position when 12-volt power was lost. The project team chose to redesign the valve to shift to be normally closed when 12-volt power was lost. As part of this project, it was determined that some custom AT41ME units had been delivered with the valve that went to the open position when 12-volt power was lost. In April 2022, the custom option units in production were updated with the revised valve. Altec investigated the field population for warranty claims, service records, and incidents involving a potential failure or near miss. There were no warranty claims or field reports identified. There have been no accidents, injuries, or deaths related to this issue.

On October 14, 2022, Altec determined that due to the safety risk to the operator due to the lack of warning to the operator of the loss of 12-volt power, a product notice would be issued to the customers, and a defect existed in the specific unit.

Description of Remedy :

Description of Remedy Program : Altec will provide a light on the turntable lower controls cover that will illuminate when the outriggers are not set and the truck is set up for personnel mode. Altec will provide a separate light on the turntable lower controls cover that will illuminate when the outriggers are set and the truck is set up for material handling mode. Altec will also provide a new pre-operational inspection placard to be installed on the unit which instructs testing of the material handling interlock before using the aerial device.
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 remedy provides a visual indication system for the operator to show that the truck is in material handling or personnel mode. The remedy also adds a pre-operational inspection step to aid in the discovery of a system error/failure in the material handling system.

Identify How/When Recall Condition was Corrected in Production : The production solution is to use a new material handling interlock valve which is normally closed and blocks hydraulic flow to the jib/winch when the outriggers are up.

Recall Schedule :

Description of Recall Schedule : Altec will issue CSN-3030 to the owners of the affected units. Altec does not have a dealer network and issues letters to owners only.
Planned Dealer Notification Date : DEC 16, 2022 - DEC 16, 2022
Planned Owner Notification Date : DEC 16, 2022 - DEC 16, 2022

* NR - Not Reported