

# Part 573 Safety Recall Report

## 22V-349

**Manufacturer Name :** Altec Industries, Inc.

**Submission Date :** MAY 18, 2022

**NHTSA Recall No. :** 22V-349

**Manufacturer Recall No. :** CSN 858



### 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 :** 477

**Estimated percentage with defect :** 30 %

### Vehicle Information :

**Vehicle 1 :** 2016-2022 Altec E-series & DH-H series digger derricks

**Vehicle Type :**

**Body Style :**

**Power Train :** NR

**Descriptive Information :** E-series and DH-H series units produced between the affected dates with the HOP time delay relay are included in the recall population. The recall population was determined from a review of production records.

**Production Dates :** JAN 01, 2016 - FEB 02, 2022

**VIN Range 1 : Begin :**

NR

**End :** NR

Not sequential

### Description of Defect :

**Description of the Defect :** In order to complete the stability test on a digger derrick, the connectors to a relay are disconnected to prevent the hydraulic overload protection system from activating during the stability test. On the affected units, there is a possibility that the connectors were reattached to the incorrect plug. If the connections are not correct, the hydraulic overload protection system will not function properly.

**FMVSS 1 :** NR

**FMVSS 2 :** NR

**Description of the Safety Risk :** On affected units, if an operator attempts to lift a load greater than the unit's capacity, the hydraulic overload protection system will not activate. Repeatedly overloading the unit could result in structural damage or failure resulting in serious injury or death.

**Description of the Cause :** NR

**Identification of Any Warning that can Occur :** The load indicator gauge and/or pressure gauge at the operator's station will continue to operate properly. It will rise into the overload region when lifting a load that exceeds the unit capacity.

**Involved Components :**

Component Name 1 : Time Delay Relay

Component Description : Time Delay Relay

Component Part Number : 970530005

**Supplier Identification :****Component Manufacturer**

Name : Altec Inc.

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

Country : United States

**Chronology :**

On February 18, 2022, a customer notified Altec that while testing a unit, they found that the hydraulic overload protection system was not activating as expected. The customer determined the cause to be that the plugs on their unit were in the incorrect position.

On February 21, 2022, Altec confirmed that stability testing was the last step in the build process where the transducers are disconnected to bypass hydraulic overload protection and hydraulic overload protection is not tested again.

On February 21, 2022, Altec opened a non-conformance and a potential field action to evaluate the stability test work process. The production records were also reviewed to determine what models might be affected and the field population of those units. On May 13, 2022, Altec determined that a potential defect could be present in a specific field population and decided that a field campaign was required. There have been no warranty claims or additional field reports identified. There have been no accidents, injuries or deaths related to this issue.

## Description of Remedy :

Description of Remedy Program : The recall remedy includes an inspection to determine if the plugs are properly connected. If the plugs are incorrect, they will be swapped to the correct connection. 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 hydraulic overload protection system will function as designed when the plugs are connected to the proper connection. No components are replaced or added to the system.

Identify How/When Recall Condition was Corrected in Production : The stability pad associates received additional training to instruct them to disconnect one plug instead of both when bypassing the hydraulic overload protection system.

Identification tags have been added to identify the plugs clearly, and the plugs are being updated to different shapes to prevent the switching of the plugs. The unit software will be updated to disable the unit if the connections are switched and not to require the removal of the plug to bypass HOP.

## Recall Schedule :

Description of Recall Schedule : Altec will issue CSN 858 to the owners of the affected units. Altec does not have a dealer network and issues letters to owners only.

Planned Dealer Notification Date : JUL 15, 2022 - JUL 15, 2022

Planned Owner Notification Date : JUL 15, 2022 - JUL 15, 2022

\* NR - Not Reported