

# Part 573 Safety Recall Report

# 19V-127

**Manufacturer Name :** Altec Industries Inc.

**Submission Date :** FEB 26, 2019

**NHTSA Recall No. :** 19V-127

**Manufacturer Recall No. :** CSN 713



## 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 : 14,389

Estimated percentage with defect : 1 %

## Vehicle Information :

Vehicle 1 : 2003-2019 Altec DL/DM, DL/DMB and DC Digger Derricks

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population was determined by a review of production records to identify rear mount DL/DM and DC Series Digger Derricks.

Production Dates : OCT 15, 2003 - FEB 22, 2019

VIN Range 1 : Begin :

NR

End : NR

Not sequential

## Description of Defect :

Description of the Defect : Cracks in the pedestal tube weldment

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Cracks can develop during severe use and abuse. If cracks are allowed to progress they can cause failure of the pedestal and uncontrolled movement increasing the risk of death or serious injury.

Description of the Cause : NR

Identification of Any Warning that can Occur : The structures are protected by a Hydraulic Overload Protection system (HOP) which includes audible and/or visual alerts. The Operator's Manual and unit placards contain warnings that repeatedly engaging the HOP system can damage the unit. The pedestal is subject to daily and periodic inspection requirements intended to detect cracks or other issues. The area where cracks have occurred is readily visible and open to inspection.

## Supplier Identification :

### Component Manufacturer

Name : NR  
Address : NR  
NR  
Country : NR

## Chronology :

During the period of January 2018 to December 2018, customers notified Altec of digger derricks that had broken at the pedestal weldment while attempting to pull stuck poles. Upon investigation it was determined that cracking had developed in the corner gussets of the pedestal and went unrepaired. Further investigation concluded that cracking can develop under severe use or abuse. The structures are protected by a Hydraulic Overload Protection system (HOP) that is intended to protect the unit from being overloaded due to operator errors. However, even with these protection systems, the unit can be damaged if the operator disregards the recommended methods and procedures described in the unit's manual. Field reports of such abuse leading to broken pedestal weldments prompted an evaluation of installing reinforcement plates at all 4 corners where cracking can develop under severe use or abuse. The evaluation resulted in the decision to recommend installing reinforcement plates at all 4 corners.

## Description of Remedy :

Description of Remedy Program : Altec will issue CSN 713 to owners of the affected digger derricks. The CSN will require them to 1) Perform daily unit inspections per the instructions found in the operator's manual. It will also require a specific inspection of the pedestal for cracks within 90 days, 2) if cracks are present the unit is to be taken out of service and repaired, 3) if no cracks are present the unit can remain in service but, the reinforcing kit must be installed within 1 year.

How Remedy Component Differs from Recalled Component : N/A

Identify How/When Recall Condition was Corrected in Production : Pedestal reinforcing plates are installed during production.

## Recall Schedule :

Description of Recall Schedule : Altec will issue CSN 713 to owners of the affected digger derricks. The CSN will require them to 1) Perform daily unit inspections per the instructions found in the operator's manual. It will also require a specific inspection of the pedestal for cracks within 90 days, 2) if cracks are

present the unit is to be taken out of service and repaired, 3) if no cracks are present the unit can remain in service but, the reinforcing kit must be installed within 1 year

Planned Dealer Notification Date : APR 22, 2019 - APR 24, 2019

Planned Owner Notification Date : APR 22, 2019 - APR 24, 2019

\* NR - Not Reported