

Part 573 Safety Recall Report

19V-508

Manufacturer Name : Altec Industries Inc.

Submission Date : JUL 02, 2019

NHTSA Recall No. : 19V-508

Manufacturer Recall No. : CSN 725



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 : 160

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2018-2019 Altec AT37/41/48 and L37/42/44 Aerial Devices

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population was determined by a review of production records that identified units using this specific fastener Lot number.

Production Dates : MAR 15, 2018 - MAY 30, 2019

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : High strength fastener may fail due to environmental hydrogen embrittlement.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Multiple fasteners could break which could cause separation of the pedestal and turntable increasing the risk of death or serious injury to the worker or those nearby

Description of the Cause : NR

Identification of Any Warning that can Occur : The fasteners are subject to periodic inspection requirements intended to detect those that are loose, broken or cracked

Supplier Identification :

Component Manufacturer

Name : Holo-krome

Address : 61 Barnes Industrial Park North
Wallingford CONNECTICUT 06492
Country : United States

Chronology :

Over the last several months Altec has received reports of rotation bearing fasteners breaking during the annual torque inspection. This has occurred on multiple units and all the broken fasteners were marked with the head stamping 3066. The failed fasteners were sent to a laboratory for evaluation. According to their testing and the time line associated with failures, the root cause was determined to be environmental hydrogen embrittlement.

Altec began inspecting all on hand unit inventory that contained rotation bearing fasteners with the 3066 head stamping with a 100% torque check. Additional fasteners broke during the inspection and were replaced with fasteners from a different lot.

There have been no reported event incidents

Description of Remedy :

Description of Remedy Program : Altec will issue CSN 725 to owners of the affected units requiring owners to: 1) complete a visual inspection of the rotation bearing fasteners to identify any with head marking 3066, 2) conduct a torque check of all head marking 3066 fasteners, 3) take the unit out of service and replace the fasteners if any break during the inspection and 4) replace any intact head marking 3066 fasteners within 30 days with fastener from a different manufacturing Lot.

How Remedy Component Differs from Recalled Component : Replacement fasteners come from a different manufacturing Lot identified with a different head marking.

Identify How/When Recall Condition was Corrected in Production : The supplier is investigating the plating process to determine what errors could have occurred in this lot of fasteners (Head Marking 3066). Production fasteners come from a different manufacturing Lot identified with a different head marking.

Recall Schedule :

Description of Recall Schedule : Altec will issue CSN 725 to owners of the affected units requiring owners to: 1) complete a visual inspection of the rotation bearing fasteners to identify any with head marking 3066, 2) conduct a torque check of all head marking 3066 fasteners, 3) take the unit out of service and replace the fasteners if any break during the inspection and 4) replace any intact head marking 3066 fasteners within 30 days with fastener from a different manufacturing Lot.

Planned Dealer Notification Date : AUG 28, 2019 - AUG 29, 2019

Planned Owner Notification Date : AUG 28, 2019 - AUG 29, 2019

* NR - Not Reported