

Part 573 Safety Recall Report

18V-435

Manufacturer Name : Altec Industries Inc.

Submission Date : JUN 27, 2018

NHTSA Recall No. : 18V-435

Manufacturer Recall No. : CSN 687



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 : 153

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2017-2017 Alltec AT40M/S, TA41-48M/S, L42A

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Production records were reviewed that identified units built with this particular manufacturer lot of cap screws.

Production Dates : MAR 01, 2017 - DEC 30, 2017

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : High strength fastener may fail due to stress corrosion cracking.

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 : Fastenal

Address : 2001 Theurer Blvd
Winona MINNESOTA 55987
Country : United States

Chronology :

In late 2017 Altec observed reliability issues with Fastenal Lot Number 482834 (Head Stamp 3036). There were isolated field reports of fastener failures. A decision was made to cease use of this particular fastener lot number in production while further investigations were conducted to evaluate root causes of the reliability issue and whether remaining cap screws in the field are at risk. Fastenal subsequently confirmed that this specific lot of fasteners does not meet Altec corrosion resistance specifications. In 2018 additional isolated failed fasteners were identified which led this field action

Description of Remedy :

Description of Remedy Program : Altec will issue CSN 687 to owners of the affected units requiring owners to: 1) complete a rotation bearing fastener torque check and inspect for any fasteners with head marking 3036, 2) take the unit out of service if any broken cap screws are detected or break during the inspection, 3) replace any intact head marking 3036 cap screws within 30 days

How Remedy Component Differs from Recalled Component : The head marking is different.

Identify How/When Recall Condition was Corrected in Production : The supplier is investigating the plating process to determine what errors could have occurred in Fastenal Lot Number 482834.

Recall Schedule :

Description of Recall Schedule : Altec will begin mailing to affected customers on August 22, 2018. There are no affected dealers.

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : AUG 22, 2018 - AUG 23, 2018

* NR - Not Reported