

Part 573 Safety Recall Report

21V-722

Manufacturer Name : Altec Industries, Inc.

Submission Date : NOV 05, 2021

NHTSA Recall No. : 21V-722

Manufacturer Recall No. : CSN 833



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 : 94

Estimated percentage with defect : 15 %

Vehicle Information :

Vehicle 1 : 2016-2021 Altec LS87

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : All LS67 units produced with the between the affected dates could have are included in the recall population. The recall population was determined from a review of production records.

Production Dates : JUN 01, 2016 - SEP 15, 2021

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : There is a risk of interference between outer race rotation bearing fastener washers and an adjacent weld on the pedestal. This interference can create additional stress in the rotation bearing fastener and potentially lead to fracture.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : The 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 : Interference between the washer and weld would be visually detectable through pre-flight or PM inspection. Broken rotation bearing fasteners would be detectable through pre-flight visual inspection or PM torque inspection.

Involved Components :

Component Name 1 : Capscrew

Component Description : Capscrew

Component Part Number : 990874176

Supplier Identification :

Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

Chronology :

In July of 2021, a Preventative Maintenance inspection of a customer's LS87 rotation bearing fasteners detected a broken outer race bolt. An examination of the rotation bearing joint on the subject unit identified washers overlapping weld on the pedestal outer race bolts. This overlap resulted in deformation of the washers.

Further investigation found washers on other units overlapping the weld on outer race bearing fasteners. After reviewing service history for the LS87, Altec determined that a defect could exist. In addition to the July warranty claim, a February 2021 warranty claim was identified as possibly related. There were no other warranty claims or field reports identified. There have been no accidents, injuries or deaths related to this issue.

Description of Remedy :

Description of Remedy Program : Altec will issue CSN 833 to all affected customers requiring them to inspect the outer rotation bolt washers for interference with the weld. If the inspection finds that there is interference between the washer and the weld Altec will repair the pedestal to prevent interference between the washer and the weld. Altec Warranty Policy covers the recall remedy.

How Remedy Component Differs from Recalled Component : The elimination of the interference between the washer and the weld will eliminate this source of stress on the fastener.

Identify How/When Recall Condition was Corrected in Production : An inspection step has been added to the LS87 pedestal fabrication to ensure weldments with interfering weld do not make it into production. A Quality Alert has also been implemented to add further inspections.

Recall Schedule :

Description of Recall Schedule : Altec will issue CSN 833 to the owners of the affected units. Altec does not have a dealer network and issues letters to owners only.

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : NOV 15, 2021 - NOV 15, 2021

* NR - Not Reported