

Part 573 Safety Recall Report

22V-058

Manufacturer Name : Altec Industries, Inc.

Submission Date : MAR 07, 2022

NHTSA Recall No. : 22V-058

Manufacturer Recall No. : CSN 846



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 : 157

Estimated percentage with defect : 10 %

Vehicle Information :

Vehicle 1 : 2017-2021 Altec LS60

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : LS60 units produced between the affected dates with the involved design are included in the recall population. The recall population was determined from a review of production records.

Production Dates : NOV 01, 2017 - DEC 31, 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 if undetected could result in 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 : Grade 8 Capscrew

Component Description : Grade 8 Capscrew

Component Part Number : 990365713

Supplier Identification :

Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

Chronology :

On July 09, 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.

Altec issued CSN 833 (21V722) to Notify owners of the affected LS87 units of the possible defect. Investigation into root cause identified the LS60 as also being potentially susceptible to this condition. On November 11, 2021, a field inspection conducted as part of Altec's investigation of this issue revealed a customer LS60 exhibiting this condition. Altec continued to investigate the frequency and severity of the manufactured condition of LS60 products in the field. On January 17, 2022, a condition similar but of lesser magnitude was identified. On January 28, 2022, after reviewing the investigation results, Altec determined that a defect could exist on LS60 units. There were no other warranty claims identified. There have been no accidents, injuries, or deaths related to this issue.

Description of Remedy :

Description of Remedy Program : Altec will issue CSN 846 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 replace the affected unit's outer race rotation bolts and washers and modify the pedestal as needed to prevent interference between the washer and the weld. The recall remedy will be completed free of charge when presented for repair and 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 removal 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 LS60 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 846 to the owners of the affected units. Altec does not have a dealer network and issues letters to owners only.

Planned Dealer Notification Date : APR 04, 2022 - APR 04, 2022

Planned Owner Notification Date : APR 04, 2022 - APR 04, 2022

* NR - Not Reported