

Part 573 Safety Recall Report

23V-357

Manufacturer Name : Altec Industries, Inc.

Submission Date : MAY 18, 2023

NHTSA Recall No. : 23V-357

Manufacturer Recall No. : CSN 3079



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 : 5,143

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2021-2023 Altec Aerial Device, Digger Derricks, Service Bodies, Cranes,

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Altec determined the recall population using dates for the affected components list provided by the supplier and a review of production records.

Production Dates : MAY 03, 2021 - MAR 03, 2023

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : Water can leak into the sealed strobe light enclosure shorting the internal electronics of the light. If the light shorts the included fuse may be too large to open.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : A short in the light assembly increases the risk of a thermal event and fire to the unit and other materials in the area.

Description of the Cause : NR

Identification of Any Warning that can Occur : A pre-operational inspection could identify moisture in the light housing. There is no warning of incorrect circuit protection for the light assembly.

Involved Components :

Component Name 1 : Light, Strobe, Amber LED, Clear Lens, 12V, .275 A

Component Description : Light, Strobe, Amber LED, Clear Lens, 12V, .275 A

Component Part Number : 991313410

Component Name 2 : Light, Strobe, Amber LED, Amber Lens, 12V, .275 A

Component Description : Light, Strobe, Amber LED, Amber Lens, 12V, .275 A

Component Part Number : 991441134

Component Name 3 : Light, Strobe, Amber LED, Clear Lens, 12V, .275 A

Component Description : Light, Strobe, Amber LED, Clear Lens, 12V, .275 A

Component Part Number : 991331818

Component Name 4 : Light, Strobe, Blue LED, Clear Lens, 12V, .275 A

Component Description : Light, Strobe, Blue LED, Clear Lens, 12V, .275 A

Component Part Number : 991342343

Component Name 5 : Light, Strobe, Red LED, Clear Lens, 12V, .275 A

Component Description : Light, Strobe, Red LED, Clear Lens, 12V, .275 A

Component Part Number : 991386989

Component Name 6 : Light, Strobe, Red LED, Red Lens, 12V, .275 A

Component Description : Light, Strobe, Red LED, Red Lens, 12V, .275 A

Component Part Number : 991372884

Supplier Identification :

Component Manufacturer

Name : TecNiq

Address : 9100 E Michigan Ave

Galesburg Michigan 49053

Country : United States

Chronology :

In December 2022, a customer reported that a strobe light on the unit had caused a thermal event that caused damage to the unit body and other components around the strobe light. Altec investigated the incident and found an electrical arc witness mark and moisture inside the lens. The subject strobe light was returned to the manufacturer for evaluation.

On February 6, 2023, a second customer notified Altec of a similar thermal event involving the same strobe light part number in the December incident. Around March 10, 2023, an additional customer reported a similar incident. All subject strobe lights were returned to the supplier for evaluation.

On March 14, 2023, Altec opened a potential field action investigation and worked with the supplier to determine the root cause of the light failures and the potential affected population of strobe lights installed on Altec units. On May 12, 2023, after reviewing Altec's and TecNiq's investigation results, Altec determined that a defect could exist on Altec units with the subject part number strobe light installed. 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 3079 to affected unit owners requiring owners to inspect the light assembly for moisture and update the circuit with a lower amperage fuse. The lights will be replaced if water is present in the light assembly, or the light is not working. If there is no water in the light assembly, the lights will not need to be replaced. The needed replacement kit will be provided by Altec free of charge. The 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 remedy light circuit will have a lower amperage rating and will open if a short in the light occurs and the replacement lights have an updated design to reduce the risk of water intrusion.

Identify How/When Recall Condition was Corrected in Production : The updated strobe light design was implemented, and the circuit fuse was changed to a smaller fuse in production on March 23, 2023.

Recall Schedule :

Description of Recall Schedule : Altec will issue CSN 3079 to the owners of the affected units. Altec does not have a dealer network and issues letters to owners only.

Planned Dealer Notification Date : JUL 14, 2023 - JUL 14, 2023

Planned Owner Notification Date : JUL 14, 2023 - JUL 14, 2023

* NR - Not Reported