



U.S. Department
of Transportation

National Highway
Traffic Safety
Administration

Part 573 Safety Recall Report

25V661

Manufacturer Name: Altec Industries, Inc.

Submission Date: Oct 03, 2025

NHTSA Recall No.: 25V661

Manufacturer Recall No.: MAB-3258

Manufacturer Information

Population

Manufacturer Name: Altec Industries, Inc.

Address: 210 Inverness Center Drive
Birmingham AL, 35242

Total number of potentially involved: 30

Estimated percentage with defect: 100%

Vehicle Information

Vehicle 1: 2024-2024 ALTEC FOSV-CA

Product Category: Buses, Medium & Heavy Vehicles

Product Type: Other

Fuel / Propulsion:

Production Dates: Jul 31, 2024 - Dec 31, 2024

Number of potentially involved: 30

Descriptive Information:

All fiber trucks equipped with inverters and auxiliary batteries, featuring the specific wiring configuration, were included in the recall population. The recall population was determined from a review of production records.

Defect / Noncompliance Description

Description of the defect or noncompliance:

The interconnect battery cables between the chassis battery and the auxiliary batteries on certain fiber splicer trucks could have a safety margin less than recommended for the potential electrical loads, and the wiring might not have been protected by a fuse in the circuit.

FMVSS1:

FMVSS2:

Description of the safety risk, including crash, fire, death, injury:

If the loads on the cables exceed the capacity, it can cause the wire to heat up and, if not properly protected, allow the cables to overheat, creating a risk of fire.

Part 573 Safety Recall Report

25V661**Description of the cause:****Identification of any warning that can occur:**

A daily pre-trip inspection could identify damage to the battery cables by identifying discolored wire insulation, damaged heat shrink insulation on the connectors, or loom damaged by heat.

Component Manufacturer

Tier of Supplier:**Supplier Type:****Name:** Altec**Address:** 2106 S. Riverside Rd
St Joseph MO, 64507**Country:** United States

Involved Components

Component Name 1: Interconnect Cable, 2 AWG battery cable**Component Description:** Interconnect Cable, 2 AWG battery cable**Component Part Number:** 02-0033**Component Name 2:** 200A continuous solenoid**Component Description:** 200A continuous solenoid**Component Part Number:** 04-0792**Component Name 3:** Interconnect Cable, 2 AWG battery cable**Component Description:** Interconnect Cable, 2 AWG battery cable**Component Part Number:** 02-0034

Chronology

On August 4, 2025, Altec was notified that an Altec Fenex fiber splicer vehicle experienced a thermal event in the engine compartment and along the frame rail, extending back to an auxiliary battery box located in the body. Around August 20, 2025, the subject vehicle was moved to an Altec facility for inspection and root cause analysis. The service inspection identified an improperly protected circuit but

Part 573 Safety Recall Report

25V661

was unable to determine the root cause of the potentially overloaded electric circuit and thermal heating of the battery cables. Altec decided to continue investigating the subject vehicle and other vehicles built in the same order to identify a potential root cause. After inspecting the vehicle on September 8, 2025, follow-up inspections of other vehicles were scheduled for the week of September 15, 2025. Additionally, on September 11, 2025, a potential field action issue was opened in preparation for reviewing the inspection findings for their potential impact on vehicles in the field. During inspection of other vehicles, heating of the battery cables was observed, and damage to a solenoid caused by the heat was documented. On September 26, 2025, after reviewing the investigation results, Altec determined that a potential defect existed in vehicles in the possession of owners, and a recall should be issued to remedy the potential risk.

In addition to the August incident, no other warranty claims or field reports were identified. There have been no accidents, injuries, or deaths related to this issue.

Related NHTSA Recall Number:

Description of Remedy

Remedy Type:

Consumer Advisories: ☐ Do Not Drive ☐ Park Outside

Description of remedy program:

The remedy will relocate the connections from the unfused bus bar to the fused terminal, thereby protecting the interconnect cable if there are high current draws. Additionally, the battery cables used for the interconnect system will be replaced with higher-gauge battery cables rated for higher current-carrying capacity. The solenoid used in the interconnect circuit will be inspected and replaced if any evidence of thermal damage is observed.

The recall remedy will be completed free of charge when presented for repair. 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 replaces components of a lower rating with higher-capacity components to increase the safety margin of the wiring in the circuit and relocates the connections to the fused terminals.

Identify how/when recall condition was corrected in production:

No units are currently in production. The design documents and prints will be updated to reflect the field remedy, and changes will be applied to any vehicle upfit in the future.

Reimbursement Plan

Part 573 Safety Recall Report**25V661****Description of reimbursement program:****Period of reimbursement:****Costs to be reimbursed:****Address for reimbursement claims:****Recall Schedule****Description of recall schedule:**

Altec will issue MAB-3258 to the owners of the affected units. Altec does not have a dealer network and issues letters to owners only.

Planned Dealer Notification Date: ☐ No Dealers**Planned Interim Owner Notification Date:** ☐ No Owners**Planned Remedy Owner Notification Date:** Dec 01, 2025 - Dec 01, 2025 ☐ Phased Recall**Date when VIN will be searchable:**