

Part 573 Safety Recall Report

22V-147

Manufacturer Name : Altec Industries, Inc.

Submission Date : MAR 31, 2023

NHTSA Recall No. : 22V-147

Manufacturer Recall No. : CSN 855



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 : 27,270

Estimated percentage with defect : 6 %

Vehicle Information :

Vehicle 1 : 2016-2021 Altec AT & TA Aerial Devices

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population was determined a review of data collected from a field inspection sampling project and production records. This review determined models, model years, and the percent of population affected.

Production Dates : SEP 01, 2016 - MAY 31, 2021

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : Chassis Fuel line clamps may not have been secured on the chassis frame rail after they were removed to install an aftermarket accessory.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If the fuel lines are not secured, they could rub on the streetside rear chassis shock absorber and cause damage to fuel lines. A fuel leak could create an environmental risk and the potential for a fire resulting in property damage and serious injury or death to the operator or others nearby.

Description of the Cause : Chassis Fuel line clamps may not have been secured on the chassis frame rail after they were removed to install an aftermarket accessory.

Identification of Any Warning that can Occur : A periodic DOT inspection could identify the chassis fuel lines touching the chassis shock absorber at the rear streetside axle. A daily pre-travel inspection could identify a leak in the fuel line.

Involved Components :

Component Name 1 : Clip

Component Description : Fuel;Bracket

Component Part Number : 991479086

Component Name 2 : Clip

Component Description : Fuel;Bracket

Component Part Number : 991488161

Component Name 3 : Clip

Component Description : Fuel;Bracket

Component Part Number : 991479276

Supplier Identification :

Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

Chronology :

In May of 2021, a customer informed Altec that fuel lines rubbing on a chassis shock caused a fuel leak. The customer's investigation found that a fuel line bracket was not secured to the frame rail. After contacting Altec, the customer continued to inspect its fleet and found other units with the bracket not properly attached to the frame.

Beginning in May, Altec added WIP instructions to inspect the chassis fuel line and verify them to be properly secured. At the end of June, a review of the inspections conducted that month identified that units with improper securement were being caught and corrected. On July 13th, 2021, a field unit data collection sampling effort was initiated to determine if units were in the field with an unsecured bracket or fuel line.

On February 16th, 2022, the results of the field data collection were compiled, and the percent of affected units improperly secured fuel lines potentially met the threshold for further action. The investigation evaluated the level of risk present and the affected field population. Besides the initial customer warranty claims in May, no

other warranty claims or field reports were identified. There have been no accidents, injuries, or deaths or fuel releases related to this issue. On March 10th, 2022, Altec declared that a defect existed on the affected units.

Description of Remedy :

Description of Remedy Program : Altec will issue CSN 855 to all affected customers requiring them to inspect the fuel line for proper securement. If the inspection finds that the line is not secure, Altec will provide work instructions and a kit to secure the fuel line properly. If damage to the fuel line is found at the inspection, the customer will be required to schedule service at a Ford Service Center to have the damaged line repaired. 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 or OEM remedy of the problem associated with this recall.

How Remedy Component Differs from Recalled Component : The repair will secure the fuel lines to the frame rail to eliminate the potential for contact with the shock absorber

Identify How/When Recall Condition was Corrected in Production : Work instructions were developed, and all chassis brackets will be reinstalled in the original position wherever possible. If chassis brackets cannot be reinstalled in their original location the chassis fuel line bracket will be mounted to a new auxiliary bracket to retain the fuel lines within the frame rail.

Recall Schedule :

Description of Recall Schedule : Altec will issue CSN 855 to the owners of the affected units. Altec does not have a dealer network and issues letters to owners only.

Planned Dealer Notification Date : MAY 06, 2022 - MAY 06, 2022

Planned Owner Notification Date : MAY 06, 2022 - MAY 06, 2022

* NR - Not Reported