

# Part 573 Safety Recall Report

# 20V-401

**Manufacturer Name :** Altec Industries, Inc.**Submission Date :** JUL 28, 2020**NHTSA Recall No. :** 20V-401**Manufacturer Recall No. :** CSN 767**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 : 2,550

Estimated percentage with defect : 100 %

**Vehicle Information :**Vehicle 1 : 2017-2020 Altec AT200A, AT235, AT37-G, AT40-G, AT41/48M Aerial Devices  
mounted on Ford F350-550 with gas engine and Chelsea 249 PTO

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population was determined from a review of production records that identified units installed on Ford F350-550 with gas engine and the Chelsea 249 PTO

Production Dates : JAN 15, 2017 - MAR 27, 2020

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

Description of the Defect : Oil leaking from fittings, improperly routed hoses or from installation of the PTO/pump on to heat shielding for the exhaust tube may cause a fire.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Oil leaking on the exhaust tube may create a vehicle fire increasing the risk of death or serious injury to the vehicle operator or those nearby

Description of the Cause : NR

Identification of Any Warning that can Occur : The operator may see evidence of leaks at the PTO/pump fittings, the hose fittings and or mating surfaces. Previous evidence of a leak may be present on the heat shielding for the exhaust tube The operator may also smell evidence of oil burning on the heat shielding.

**Involved Components :**

Component Name 1 : NR

Component Description : NR

Component Part Number : NR

## Supplier Identification :

### Component Manufacturer

Name : Parker-Hannifin Chelsea Products

Address : 8225 Hacks Cross Rd

Olive Branch Mississippi 38654

Country : United States

## Chronology :

In early 2020 a customer reported a vehicle fire. The fire caused property damage to the cab of the unit, requiring the chassis to be replaced. There were no reported injuries. Two similar incidents were later reported. Investigation has determined that all involved units had the same PTO/Pump and heat shield combination installed on similar gas-powered chassis. Altec is working with the PTO manufacturer for creation of an improved heat shield.

Altec had a similar recall in 2013 concerning 2010-2013 models and used the production remedy identified in 13V-458/CSN 583. In 2017 the Ford chassis was subject to a significant model year revision. Additionally, Altec added an additional supplier for PTO packages (Chelsea) including the vendor supplied heat shield. 20V-401 involves the 2017 and newer chassis gas engine models of the Ford chassis in combination with the Chelsea PTO package.

The reported determination to recall has been made by Altec, the component manufacturer may not agree with this determination. Additionally, the naming of any component manufacturer in this document is done solely by Altec and not in agreement with the component manufacturer.

## Description of Remedy :

Description of Remedy Program : Altec will issue CSN 767 to owners of the affected units requiring owners to: 1) inspect for leaks, and improper hose routing and replace the heat shields, 2) install additional plumbing to relocate a pressure switch and hose routing and 3) ensure all fittings, switches, and installation hardware are properly tightened.

How Remedy Component Differs : Installation processes are being improved to reduce oil leakage and the heat shield is being redesigned to improve resistance to oil absorption.

from Recalled Component : Improved hose routing that decreases proximity to heat sources is additionally being implemented.

Identify How/When Recall Condition was Corrected in Production : Installation processes are being improved to reduce oil leakage, the heat shield is being redesigned by the PTO manufacture to improve resistance to oil absorption. The redesigned heat shield will be used in production. Improved hose routing that decreases proximity to heat sources is also being implemented.

### Recall Schedule :

Description of Recall Schedule : Altec will issue CSN 767 to owners of the affected units requiring owners to: 1) inspect for leaks, and improper hose routing and replace the heat shields, 2) install additional plumbing to relocate a pressure switch and hose routing and 3) ensure all fittings, switches, and installation hardware are properly tightened.

Planned Dealer Notification Date : SEP 02, 2020 - SEP 04, 2020

Planned Owner Notification Date : SEP 02, 2020 - SEP 04, 2020

\* NR - Not Reported