

Part 573 Safety Recall Report

21V-133

Manufacturer Name : Altec Industries, Inc.

Submission Date : MAY 10, 2021

NHTSA Recall No. : 21V-133

Manufacturer Recall No. : CSN 802



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 : 355

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2017-2019 Altec DC1317 & DRM12 Chipper

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population was determined from a review of production records.

Production Dates : SEP 01, 2017 - MAY 31, 2019

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : The flexible section of the exhaust on some gas engine equipped chippers can separate, creating an exhaust leak.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : The exhaust leak can emit hot gasses and small particles that could ignite debris or other combustible material in the engine compartment resulting in a thermal event.

Description of the Cause : NR

Identification of Any Warning that can Occur : An engine exhaust sensor could detect high intake temperatures that would produce a code displayed on the control panel to alert the operator and de-rate engine performance.

Involved Components :

Component Name 1 : Exhaust Flex Pipe

Component Description : NR

Component Part Number : 990596425

Supplier Identification :

Component Manufacturer

Name : Engine Power Source

Address : 348 Bryant Blvd
Rock Hill South Carolina 29732

Country : United States

Chronology :

Altec was notified of a fire involving a DC1317 chipper on November 4, 2020. In December of 2020 Altec and the engine supplier, EPS performed a joint examination of the subject unit and began a root cause analysis to determine the possible cause of the fire. The investigation concluded the flex pipe was the most probable source of ignition.

Following the determination of the probable root cause for this incident, Altec and EPS reviewed the design and manufacturing history of the flex pipe. The investigation concluded that the flex pipes were initially manufactured using 409 stainless steel. It was determined that these early designs are less resistant to failure of the braids in the flexible section of the pipe than the pipes manufactured with 321 stainless steel. On February 26, 2020, 352 units were identified that were manufactured with the 409 stainless steel flex pipe material and a defect was declared.

Description of Remedy :

Description of Remedy Program : Altec will issue CSN 802 to owners of the affected units requiring owners to replace the flex pipe. Altec does not have a dealer network and issues letters to owners only.

How Remedy Component Differs from Recalled Component : The customer will replace the original 409 stainless steel flex pipe with a pipe of 321 stainless steel.

Identify How/When Recall Condition was Corrected in Production : Engine packages received from EPS after December 2018 are utilizing the improved part made of 321 stainless steel.

Recall Schedule :

Description of Recall Schedule : Altec will issue CSN 802 to owners of the affected units. Altec does not have a dealer network and issues letters to owners only

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : APR 29, 2021 - APR 30, 2021

* NR - Not Reported