

Part 573 Safety Recall Report

20V-765

Manufacturer Name : Altec Industries, Inc.

Submission Date : DEC 10, 2020

NHTSA Recall No. : 20V-765

Manufacturer Recall No. : CSN 787



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 : 4,987

Estimated percentage with defect : 98 %

Vehicle Information :

Vehicle 1 : 2018-2020 Altec AA, AM, AN, A-Class, TA, DM, DL, DXXXX, DC, and DT with DC pump installed.

Vehicle Type :

Body Style :

Power Train : NR

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

Production Dates : SEP 01, 2018 - OCT 31, 2020

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Description of Defect :

Description of the Defect : A purchased hydraulic check valve can have a snap ring failure resulting in contamination in the hydraulic system. A failed snap ring can become lodged in a counterbalance or control valve allowing continued movement.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Continued boom movement or cylinder drift could occur , resulting in potential injury and or property damage.

Description of the Cause : NR

Identification of Any Warning that can Occur : Daily preoperational inspection could detect the effect of contamination. Continued motion would be evident to the operator.

Involved Components :

Component Name 1 : Check Valve

Component Description : NR

Component Part Number : 970043210

Supplier Identification :

Component Manufacturer

Name : Deltrol Fluid Products

Address : 3001 Grant Avenue
Bellwood Illinois 60104

Country : United States

Chronology :

In 2019 Altec started to receive increased warranty claims from contamination in derrick control valves causing damage to the valve. This problem was traced back to a Deltrol check valve. Altec initiated an evaluation of more units in the field and test plans to try and reproduce the situation. In August 2020, Altec could not reproduce the failure mode. However, we received notification of a counterbalance valve held open by contamination.

The investigation found what appeared to be a snap-ring lodged in the counterbalance valve. We continued testing and were able to produce failures. While we were summarizing the test data, we re-initiated conversations with the supplier to determine any other relative information and determine a defect.

Description of Remedy :

Description of Remedy Program : Altec will issue CSN 787 to owners of the affected units requiring owners to replace the suspect component.
Altec does not have a dealer network and issues letters to owners only.

How Remedy Component Differs from Recalled Component : The replacement component has an improved design.

Identify How/When Recall Condition was Corrected in Production : The production component supplier was updated in June of 2020.

Recall Schedule :

Description of Recall Schedule : Altec will issue CSN787 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 : FEB 10, 2021 - FEB 11, 2021

* NR - Not Reported