

Part 573 Safety Recall Report

25V-251

Manufacturer Name : Altec Industries, Inc.**Submission Date :** APR 17, 2025**NHTSA Recall No. :** 25V-251**Manufacturer Recall No. :** CSN-3223**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 : 900

Estimated percentage with defect : 50 %

Vehicle Information :

Vehicle 1 : 2024-2025 Altec Digger Derrick

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population was determined from a review of production records. The recall population had the potential to have affected counterbalance valves installed in cylinders.

Production Dates : OCT 01, 2024 - MAR 21, 2025

VIN Range 1 : Begin : NR

End : NR

☐ Not sequential**Description of Defect :**

Description of the Defect : Counterbalance valves could have been assembled without a properly seated retaining ring in the retaining groove on the poppet of certain counterbalance valve part numbers used in hydraulic cylinders on Altec digger derricks.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If the retaining ring comes out of the retaining groove, the poppet could open, causing the cylinder to lose its ability to hold pressure. This would allow uncontrolled movement of the equipment and increase the risk of death or serious injury to users and nearby personnel.

Description of the Cause : NR

Identification of Any Warning that can Occur : There is no warning of a counterbalance valve with a retaining ring that is not properly seated..

Involved Components :

Component Name 1 : Counterbalance Valve Cartridge

Component Description : Counterbalance Valve Cartridge

Component Part Number : 990545194

Component Name 2 : Counterbalance Valve Cartridge

Component Description : Counterbalance Valve Cartridge

Component Part Number : 035270003

Component Name 3 : Counterbalance Valve Cartridge

Component Description : Counterbalance Valve Cartridge

Component Part Number : 035270045

Component Name 4 : Counterbalance Valve Cartridge

Component Description : Counterbalance Valve Cartridge

Component Part Number : 035270057

Component Name 5 : Counterbalance Valve Cartridge

Component Description : Counterbalance Valve Cartridge

Component Part Number : 035270081

Component Name 6 : Counterbalance Valve Cartridge

Component Description : Counterbalance Valve Cartridge

Component Part Number : 035270089

Component Name 7 : Counterbalance Valve Cartridge

Component Description : Counterbalance Valve Cartridge

Component Part Number : 035270082

Component Name 8 : Counterbalance Valve Cartridge

Component Description : Counterbalance Valve Cartridge

Component Part Number : 878180215

Component Name 9 : Counterbalance Valve Cartridge

Component Description : Counterbalance Valve Cartridge

Component Part Number : 896041000

Component Name 10 : Counterbalance Valve Cartridge

Component Description : Counterbalance Valve Cartridge

Component Part Number : 970067367

Component Name 11 : Counterbalance Valve Cartridge

Component Description : Counterbalance Valve Cartridge

Component Part Number : 970156483

Component Name 12 : Counterbalance Valve Cartridge

Component Description : Counterbalance Valve Cartridge

Component Part Number : 970177353

Component Name 13 : Counterbalance Valve Cartridge

Component Description : Counterbalance Valve Cartridge

Component Part Number : 970354797

Component Name 14 : Counterbalance Valve Cartridge

Component Description : Counterbalance Valve Cartridge

Component Part Number : 970359715

Component Name 15 : Counterbalance Valve Cartridge

Component Description : Counterbalance Valve Cartridge

Component Part Number : 970695803

Component Name 16 : Counterbalance Valve Cartridge

Component Description : Counterbalance Valve Cartridge

Component Part Number : 990479152

Component Name 17 : Counterbalance Valve Cartridge

Component Description : Counterbalance Valve Cartridge

Component Part Number : 991328089

Supplier Identification :

Component Manufacturer

Name : Sun Hydraulic

Address : 1500 West University Parkway
Sarasota Florida 34243

Country : United States

Chronology :

On March 20, 2025, Sun Hydraulic informed Altec that some counterbalance valves could have been assembled without a properly seated retaining ring in the retaining groove, potentially causing the affected counterbalance valves to fail unexpectedly. On March 21, 2025, Altec initiated an investigation to determine where the affected counterbalance valves were installed in Altec assemblies and assess the severity of any potential defects in the affected products. After reviewing supplier information, cylinder order history, manufacturing records, parts sales records, and field records on April 11, 2025, Altec concluded that a defect related to the safety of the equipment could be present on units in the field. No additional warranty claims or field reports related to this issue were identified.

Description of Remedy :

Description of Remedy Program : Altec will replace counterbalance valves in the affected population with those built outside of the affected date range or that have been reworked. When presented for repair to Altec, the recall remedy will be completed free of charge. 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 replacement counterbalance valves have been inspected to ensure the retaining ring is properly seated, and Sun Hydraulics is updating the functional test to enhance the identification of a counterbalance valve with a retaining ring that is either not seated or missing.

Identify How/When Recall Condition was Corrected in Production : Altec will replace counterbalance valves in the affected population with those built outside of the affected date range or that have been reworked

Recall Schedule :

Description of Recall Schedule : Altec will issue CSN-3223 to the owners of the affected units. Altec does not have a dealer network and issues letters to owners only.

Planned Dealer Notification Date : JUN 13, 2025 - JUN 13, 2025

Planned Owner Notification Date : JUN 13, 2025 - JUN 13, 2025

* NR - Not Reported