

Part 573 Safety Recall Report

18V-348

Manufacturer Name : Altec Industries Inc.

Submission Date : MAY 29, 2018

NHTSA Recall No. : 18V-348

Manufacturer Recall No. : CSN 684



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 : 201

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2012-2018 Altec LS63, LS87

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style :

Power Train : NR

Descriptive Information : Some LS87 and LS 63 model aerial devices were equipped with a pintle hook mounted in a Class 3 receiver tube assembly. This is a customer specified component that was not supplied on other LS63, LS87 units.

Production Dates : JAN 01, 2012 - FEB 28, 2018

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : The Class 3 receiver tube pintle hook combination was shipped without placarding indicating maximum allowable limits. Without instructions regarding towing capacity limits operators may load the assembly beyond rated capacity.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Failure of the receiver tube during travel resulting in tube detachment and trailer retention relying on safety chains.

Description of the Cause : Altec determined a decal for the receiver tube rating was not included on some LS63 and LS87 products. Altec determined the pintle attached to the receiver tube, has a tow capacity exceeding the receiver tube, was installed on the products. If operators loaded the pintle hook to its maximum capacity, the allowable limits of the receiver tube and or chassis may be exceeded.

Identification of Any Warning that can Occur : Cracking of receiver tube can be identified during inspection prior to travel.

Supplier Identification :

Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

Chronology :

In June 2017 an LS63 was serviced for a broken towing receiver tube. The customer had overloaded the receiver and Altec confirmed the tow assembly met the customer specification for Class 3 towing capacity. In November of 2017 an LS63 was serviced for a damaged receiver tube, this assembly was also reported as overloaded by the customer. Altec confirmed the customer specification was for a Class 3 tow device. In February of 2018 an LS87 was serviced for a broken towing receiver tube, this assembly was also overloaded beyond the customer specified class 3 device. Upon further review, In May 2018 Altec determined a decal for the Class 3 receiver tube rating was not included on some LS63 and LS87 products. In addition, Altec determined the pintle hook attached to the receiver tube, has a maximum allowable tow capacity exceeding that of the Class 3 receiver tube assembly. Altec determined without instructions regarding towing capacity limits of the assembly, operators may load the assembly beyond rated capacity.

Description of Remedy :

Description of Remedy Program : Altec will issue Customer Service Notice 684 to affected customers. The notice will include requirements to install a decal showing the limit of the receiver tube assembly at 600 lbs vertical load and 6,000 lbs towing capacity . The decal includes a warning to limit trailer loads within the limit of the receiver tube, chassis rating, and trailer rating. Instructions for a required inspection will also be included. If damage is visible, the structure will be replaced. If no damage is visible, a repair procedure will weld on reinforcements in the high stress areas to address any potential fatigue issues. The addition of the decal, the inspection and repair or modification can be completed at an Altec Service Center without cost to the customer. Customers may perform the work and be reimbursed through the Altec Warranty system.

How Remedy Component Differs from Recalled Component : After remedy, the final product will include a decal identifying allowable towing limits of the Class 3 assembly and pintle hook. Areas subject to high stress during overload will be reinforced.

Identify How/When Recall Condition was Corrected in Production : Production units will include the allowable limits decal and revised design.

Recall Schedule :

Description of Recall Schedule : Altec will begin mailing CSN 684 by July 29, 2018
Altec will complete mailing CSN 684 by July 29, 2018

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : JUL 29, 2018 - JUL 29, 2018

* NR - Not Reported