

**Part 573 Safety Recall Report****15V-083****Manufacturer Name :** Novae Corporation**Submission Date :** FEB 01, 2016**NHTSA Recall No. :** 15V-083**Manufacturer Recall No. :** NR**Manufacturer Information :**

Manufacturer Name : Novae Corporation

Address : One Novae Parkway  
Markle IN 46770

Company phone : 260 758 9838

**Population :**

Number of potentially involved : 95

Estimated percentage with defect : 100

**Vehicle Information :**

Vehicle : 2015-2015 Sure-Trac Single Ram SD Dump Trailer

Vehicle Type : TRAILERS

Body Style :

Power Train : NR

Descriptive Information : Dump Trailer is designed with a single ram hydraulic lift system that is mounted to the frame and bed. The strength of the mounting system in recalled units is compromised by a part that was received outside of thickness specification from an outside supplier.

Production Dates : SEP 10, 2014 - NOV 15, 2014

**VIN (Vehicle Identification Number) Range**

Begin : 5JW1D1025F2104569

End : 5JW1D1221F2109085

 Not sequential VINs**Description of Defect :**

Description of the Defect : Defect originates from a fabricated part supplied by an outside supplier. Part is under thickness specification where cylinder mounts to dump bed.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : This under-thickness component could cause pre-mature failure of the cylinder mount, resulting in the collapse of the dump-bed on frame during operation.

Description of the Cause : Under-specification supplied part was not caught upon incoming inspection at the Dump Mfg. facility.

Identification of Any Warning that can Occur : Fatigue of the cylinder mount would indicate impending failure, but lack of practical visibility to the underside of the bed would make detection of emerging failure difficult for the user.

**Supplier Identification :****Component Manufacturer**

Name : L&amp;W Engineering

Address : 107 Industrial Parkway  
Middlebury INDIANA 46540

Country : United States

**Chronology :**

December 2, 2014, parts were identified to be outside of specification on thickness. Original design data for the specification of part thickness provided sufficient evidence to indicate potential for failure in cylinder mount under normal operating conditions. No new testing would be required. After parts were quarantined and returned, new parts ordered and received December 10th. Simultaneous to ordering new parts, reinforcement remedy on existing trailers in inventory took place between the dates of Dec. 4-6. Design and Development of Recall Repair kits took place in same time frame and completed testing on December 12th. Began Manufacturing Repair kits and Prop rods on December 17th. Created Step-by-Step Instructions for repair procedure and developed packaging and labeling for repair kit to be shipped upon notification and order. Completed December 31st. After final design review and approval of instructions by Sales team, notification was crafted and personnel instructed for readiness on execution January 9th 2015.

**Description of Remedy :**

Description of Remedy Program : All impacted dealers have been notified of the mandatory recall requirement, and have been notified of the specific VIN's that are subject to the recall. All dealers are being supplied a reinforcement kit for each unit in order to perform the repair. All dealers are being supplied a safety prop rod in order to conduct repair with utmost safety. All dealers are being provided step-by-step repair instructions illustrating the repair procedure. All dealers will receive warranty credit for two hours of labor for each unit (through projected repair time is 30 minutes). All units will be tracked in terms of supplied kit, warranty credit and verification of completion.

How Remedy Component Differs from Recalled Component : The remedy component (originally specified) is of sufficient thickness to support the hydraulic cylinder at 3/8". The recalled component (out of specification) is of insufficient thickness at 1/4". The field fix procedure in the recall actually increases thickness to 1/2"

Identify How/When Recall Condition was Corrected in Production : After discovery of the under-specification parts from our supplier, the supplier was notified and all remaining parts were quarantined. These parts were returned to the supplier. The trailers that were built with this lot of parts were identified, and those trailers remaining in physical inventory were quarantined immediately and subsequently repaired. Additional units within the identified production date

range that were already shipped were then identified for the recall. Incoming inspection procedures were reviewed and reinforced within production, in order to avoid this mistake in the future.

**Recall Schedule :**

Description of Recall Schedule : Notification was sent to all impacted dealers on January 16th 2015 via both E-Mail and Postal Letter. Follow-up with each impacted dealer was conducted via phone during the dates of January 19-21 in order to verify that each dealer understand the process and accountability related to this recall.

Planned Dealer Notification Date : FEB 01, 2016 - FEB 01, 2016

Planned Owner Notification Date : FEB 01, 2016 - FEB 01, 2016

\* NR - Not Reported