

Part 573 Safety Recall Report**16V-118****Manufacturer Name :** Terex South Dakota, Inc.**Submission Date :** FEB 25, 2016**NHTSA Recall No. :** 16V-118**Manufacturer Recall No. :** SN621**Manufacturer Information :**

Manufacturer Name : Terex South Dakota, Inc.

Address : 500 Oakwood Road

PO Box1050 Watertown SD 57201

Company phone : 1-800-982-8975

Population :

Number of potentially involved : 465

Estimated percentage with defect : 100

Vehicle Information :Vehicle : 2008-2015 Terex and Others TLM37, TL37P, TLM39, TLM41, TLM45, TLM50, TLM55, TLLM60
AERIAL DEVICE

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style :

Power Train : NR

Descriptive Information : This series of Aerial devices are installed on trucks to elevate personnel to perform
power line construction and maintenance.

Production Dates : JUN 18, 2008 - SEP 28, 2015

VIN (Vehicle Identification Number) Range

Begin : NR

End : NR

 Not sequential VINs**Description of Defect :**

Description of the Defect : Terex Utilities became aware that it is possible that both the boom tip leveling cylinder and the master cylinder at the elbow can make contact with structural components. This contact can cause damage to the boom tip leveling cylinder rod eye and the master cylinder rod eye. Continued contact can cause cracks in the rod eye.

FMVSS 1 :NR

FMVSS 2 :NR

Description of the Safety Risk : Failure of the master cylinder rod eye will lock the platform in position and stop leveling automatically, the operator will be able to use manual level control to stow the unit. The failure of the boom tip leveling cylinder rod eye can result in the platform tilting unexpectedly and occupants falling from platform.

Description of the Cause : The boom tip leveling cylinder will only occur if the operator manually positions the platform in the fully raised position above level. The master cylinder failure will

only occur if the upper boom is raised at full speed to the end of the upper boom cylinder stroke.

Identification of Any Warning that can Occur : The platform will not maintain level when moving the booms. There will be a cracking sound prior to failure and tilting of platform

Supplier Identification :

Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

Chronology :

One event occurred in April 2015 where the master cylinder was forced past normal position contacting the knuckle weldment. June 2015 the rod eye was returned and material was evaluated. July 2015 Terex received information on failure sequence in the field. August 2015 evaluated potential causes and determined contact could occur.

No event has occurred where the boom tip leveling cylinder was forced past normal position contacting the boom tip weldment. It was determined in evaluating the master cylinder issue that contact was possible.

Description of Remedy :

Description of Remedy Program : The work required to increase clearance will be under warranty.

How Remedy Component Differs from Recalled Component : Inspection will show an area machined to provide clearance.

Identify How/When Recall Condition was Corrected in Production : Production units were inspected for potential contact in July 2015 and clearance was machined into the basket shaft pivot arm and the upper boom pivot boss beginning in 2015.

Recall Schedule :

Description of Recall Schedule : Recall notification will begin when approved by NHTSA

Planned Dealer Notification Date : MAR 01, 2016 - NR

Planned Owner Notification Date : NR - NR

* NR - Not Reported