

**Part 573 Safety Recall Report****16V-040****Manufacturer Name :** Terex South Dakota, Inc.**Submission Date :** JAN 25, 2016**NHTSA Recall No. :** 16V-040**Manufacturer Recall No. :** SN627**Manufacturer Information :**

Manufacturer Name : Terex South Dakota, Inc.

Address : 500 Oakwood Road

PO Box1050 Watertown SD 57201

Company phone : 605-882-4000

**Population :**

Number of potentially involved : 73

Estimated percentage with defect : 100

**Vehicle Information :**

Vehicle : 2011-2015 Terex and others SCM48, SCM50, SCM55 aerial

Vehicle Type : BUSES, MEDIUM &amp; HEAVY VEHICLES

Body Style : 2-DOOR

Power Train : DIESEL

Descriptive Information : The SCM series aerial devices are installed on trucks to elevate personnel to perform power line construction and maintenance

Production Dates : AUG 24, 2011 - NOV 05, 2015

**VIN (Vehicle Identification Number) Range**

Begin : NR

End : NR

 Not sequential VINs**Description of Defect :**

Description of the Defect : The leveling cylinder linkage can be forced past intended stop position when platform level is manually dumped and then a force is applied to the platform. This can cause the linkage to deflect past the aligned position and the cylinder and lever arm to cam over. Continued operation when the leveling system is moving in the wrong direction can cause damage and possible failure.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If the leveling system fails the platform can tilt unexpectedly which can result in the platform occupants falling.

Description of the Cause : The elbow leveling cylinder linkage can move past the intended limit if an external force is applied against the platform in a clockwise direction when manually dumped.

Identification of Any Warning that can Occur : The platform will not return to level if using manual override control.

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

Name : NR

Address : NR

NR

Country : NR

**Chronology :**

One event occurred in September 2015 when the cylinder was forced past normal position when manually leveling the platform and weight was applied to the outer edge of the platform. This did not happen during use and no one was at risk. the event was able to be repeated in testing when a force was applied sufficient to deflect the linkage.

**Description of Remedy :**

Description of Remedy Program : A bulletin will be issued to the owners of affected units informing them to bring the vehicle to a Terex Service Center for repair. A stop will be installed to prevent movement past the normal position.

How Remedy Component Differs from Recalled Component : The modification will be visible from outside the boom at the elbow.

Identify How/When Recall Condition was Corrected in Production : Production units used a modified geometry beginning 11/18/15.

**Recall Schedule :**

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

Planned Dealer Notification Date : JAN 26, 2016 - NR

Planned Owner Notification Date : FEB 03, 2016 - NR

\* NR - Not Reported