

Part 573 Safety Recall Report**16V-174****Manufacturer Name :** Terex South Dakota, Inc.**Submission Date :** MAR 25, 2016**NHTSA Recall No. :** 16V-174**Manufacturer Recall No. :** SN622**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 : 33

Estimated percentage with defect : 68

Vehicle Information :

Vehicle : 2007-2013 Terex and others TLM37, TLM40, TLM41, TLM50

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style :

Power Train : NR

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

Production Dates : MAR 29, 2007 - JAN 31, 2013

VIN (Vehicle Identification Number) Range

Begin : NR

End : NR

 Not sequential VINs**Description of Defect :**

Description of the Defect : The pedestal weldment to the lift turret did not have the proper reinforcement at the corners

FMVSS 1 :NR

FMVSS 2 :NR

Description of the Safety Risk : If a crack develops and is not repaired the crack can grow and cause failure

Description of the Cause : The proper reinforcement was not welded in the corners of the pedestal.

Identification of Any Warning that can Occur : The daily inspection and annual inspection can detect a crack before failure.

Supplier Identification :**Component Manufacturer**

Name : NR

Address : NR

NR

Country : NR

Chronology :

A report of a crack in the pedestal weldment was received in June of 2015. After further review it was determined that the reinforcement corner plates were not installed on the unit and that no failures were reported in the field.

An evaluation of similar warranty claims revealed that additional units may not have had the required reinforcement corner plates installed. Further evaluation of the field units was needed.

From June 2015 through March 2016 still no reports of failures in the field.

In March 2016 warranty records were evaluated for any trends. More instances of cracking in a similar area were noticed.

It was determined on March 16, 2016 that although any cracking would be readily apparent during the required daily, frequent and annual inspections and that no reports of failures in the field have occurred, this condition could present a safety issue if cracking was ignored and further inspection of the machines in the field would be needed and affected units would have the reinforcement plates added.

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. They can continue to use the aerial device until repairs can be made, if they inspect the aerial and do not detect cracks.

How Remedy Component Differs from Recalled Component : The reinforcement plates will be visible on the pedestal as shown in the bulletin.

Identify How/When Recall Condition was Corrected in Production : Production process was corrected on October 2015. Note that no units were produced between February 1st 2013 until October 2nd 2015.

Recall Schedule :

Description of Recall Schedule : Recall will begin when approved by NHTSA and parts can be obtained.

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : NR - NR

* NR - Not Reported