

Part 573 Safety Recall Report**15V-163****Manufacturer Name :** Terex South Dakota, Inc.**Submission Date :** MAR 22,2015**NHTSA Recall No. :** 15V-163**Manufacturer Recall No. :** SN616**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 : 97

Estimated percentage with defect : 4

Vehicle Information :

Vehicle : 2014-2015 Terex South Dakota TM series Aerials, General Digger Derricks

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style :

Power Train : NR

Descriptive Information : Aerial device and Digger Derricks used for work on Power lines.

Production Dates : MAR 28, 2014 - MAR 01, 2015

VIN (Vehicle Identification Number) Range

Begin : NR

End : NR

 Not sequential VINs**Description of Defect :**

Description of the Defect : The bolt heads of part number 404083, 7/8-9x5.5" Bowmalloy fastener can separate and fall off or do not retain torque. These fasters attach the turntable bearing to the aerial or digger derrick and the carrier.

Description of the Safety Risk : Bolt failure can result in boom falling

Description of the Cause : Cause is being determined by the supplier and an independent test lab. Preliminary suspicion is hydrogen induced stress corrosion cracking. Two lot numbers of Bowmalloy bolts are affected.

Identification of Any Warning that can Occur : NR

Supplier Identification :**Component Manufacturer**

Name : Class C Solutions of MSC Industrial Co

Address : NR

NR

Country : United States

Chronology :

First information of bolt head separation was received Jan 5 2015. The bolts were received and sent to the vendor for evaluation 1/12/15. On 1/20/15 received a second report of 2 broken fastener. On 3/10/15 a report of broken fasteners on an aerial was reported. The bolts from the 2nd and 3rd units were returned until 3/17/15. We received a verbal report from the supplier 3/12/15 that the tensile and hardness for the first failure passed specification.

Description of Remedy :

Description of Remedy Program : Bolts which are broken or fail when torque is checked will be replaced. Bolts which do not fail are considered good.

How Remedy Component Differs from Recalled Component : Replacement parts are from different lot numbers of fasteners.

Identify How/When Recall Condition was Corrected in Production : All units in production have been inspected by re-checking the torque.

Recall Schedule :

Description of Recall Schedule : Recall notification has begun with conference call to dealers telling them to call the owners and verbally warn them of issue. No written notice has been given to owners

Planned Dealer Notification Date : MAR 25, 2015 - MAR 25, 2015

Planned Owner Notification Date : MAR 25, 2015 - MAR 27, 2015

* NR - Not Reported