

Part 573 Safety Recall Report**16V-154****Manufacturer Name :** Terex South Dakota, Inc.**Submission Date :** APR 13, 2016**NHTSA Recall No. :** 16V-154**Manufacturer Recall No. :** SN636**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 : 131

Estimated percentage with defect : 100

Vehicle Information :

Vehicle : 2008-2016 Terex and others C5000, C6000, General 80, RMX, TM100, TM125, RMX, HRX

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style :

Power Train : DIESEL

Descriptive Information : This series of aerial devices and digger derricks were installed on trucks to elevate personnel and lift loads for power line construction and maintenance.

Production Dates : MAY 05, 2008 - FEB 26, 2016

VIN (Vehicle Identification Number) Range

Begin : NR

End : NR

 Not sequential VINs**Description of Defect :**

Description of the Defect : Terex Utilities has determined that the air suspension circuit can inflate the air bags if the Master/PTO switch or the ignition switch is turned off when the booms are elevated. If this were to happen the suspension could force the rear axle down causing the frame to rise to the normal ride height and lift the outriggers from the ground.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Outriggers lifting off the ground can result in instability of the truck.

Description of the Cause : Two conditions are required to cause the outriggers to come off the ground by the air bag suspension system inflating. Firstly, the boom system must lose electrical power or the system shut off by the ignition key, not through the boom engine control system. Secondly the outriggers must be set without raising the truck to the normal ride height. If the boom control system loses power or the Master/PTO switch is shut off it will cause the truck suspension system to return to normal travel

mode. If this were to happen the suspension could force the rear axle down causing the frame to rise to the normal ride height and lift the outriggers from the ground.
Identification of Any Warning that can Occur : Power to the aerial or digger controls will be lost while the boom is elevated.

Supplier Identification :**Component Manufacturer**

Name : NR

Address : NR

NR

Country : NR

Chronology :

During testing of a vehicle on 2/15/16 the electrical system was turned off which resulted in the outriggers lifting from the ground. The potential safety consequences that could result from this condition were reviewed from 2/16/16 to 3/3/16. There have been no occurrences reported during operation in the field when the booms have been raised in the air. On March 4, 2016 it was determined that this condition could present a safety issue.

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. Repair parts and instructions will be provided.

How Remedy Component Differs from Recalled Component : To distinguish the recall, the junction box located underneath the chassis will need to be opened. The outrigger enable relay will have two wires attached to the relay post instead of one.

Identify How/When Recall Condition was Corrected in Production : New design will have the air suspension wired to the outrigger interlock system so the outriggers will be set above ride height before the air bag system will deflate. The issue was corrected February 17, 2016 in production.

Recall Schedule :

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

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : NR - NR

* NR - Not Reported