

# Part 573 Safety Recall Report

## 20V-103

**Manufacturer Name :** Terex South Dakota, Inc.**Submission Date :** FEB 21, 2020**NHTSA Recall No. :** 20V-103**Manufacturer Recall No. :** SN681**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 :** 407**Estimated percentage with defect :** 100 %**Vehicle Information :****Vehicle 1 :** 2014-2019 Terex TM**Vehicle Type :** LOW VOLUME VEHICLES**Body Style :****Power Train :** NR**Descriptive Information :** The level sensor which controls the platform level has two limit switches in case of malfunction. One switch is upside down and will not limit the platform movement in the raise direction.**Production Dates :** JUL 25, 2014 - JUL 08, 2019**VIN Range 1 : Begin :** NR**End :** NR☐ Not sequential**Description of Defect :****Description of the Defect :** The 15 degree limit switch does not stop platform level movement if the platform level exceeds 15 degrees in the raise direction.**FMVSS 1 :** NR**FMVSS 2 :** NR**Description of the Safety Risk :** The limit switch is intended to stop movement if the platform exceeds 15 degrees upward tilt from level.**Description of the Cause :** The limit switch is installed upside down.**Identification of Any Warning that can Occur :** The platform will continue to slowly level in an upward direction if a malfunction or operation issue occurs after boom movement stops.**Supplier Identification :****Component Manufacturer**

Name : NR  
Address : NR  
NR  
Country : NR

### Chronology :

The first report was August 27, 2019. The cause was thought to be due to cable damage. The platform tilted upward. The two platform occupants remained in the platform and were lowered without incident. Research continued on the cause and it was determined that the 15 degree limit switch was not assembled correctly. Subsequent testing in late November verified the switch was assembled incorrectly. The Vendor who makes the assembly 611967 exclusively for TSD was contacted and the cause was verified as possibly incorrect since 2014. In January 2020 the affected units were determined. On 2/3/2020 a second incident occurred, the platform occupants were not dumped from the platform and were lowered without incident. A decision to recall was made on 2/14/2020.

### Description of Remedy :

Description of Remedy Program :	The limit switch will be removed and reinstalled in the correct orientation and tested at no cost to the owner.
How Remedy Component Differs from Recalled Component :	The Tilt Control Assembly, 611967 has Limit Switch 497015 when correctly installed have the wire coming out of the switch below the mounting screw. The potting material on the inner switch is also towards the mounting plate as shown in the bulletin.
Identify How/When Recall Condition was Corrected in Production :	All components were inspected and corrected. All units built after 7/8/2019 were inspected and corrected at TSD before delivery.

### Recall Schedule :

Description of Recall Schedule :	The owner notification will begin by 4/3/2020
Planned Dealer Notification Date :	MAR 06, 2020 - NR
Planned Owner Notification Date :	APR 03, 2020 - NR

\* NR - Not Reported