

Part 573 Safety Recall Report

24V-438

Manufacturer Name : Terex South Dakota, Inc.**Submission Date :** JUN 13, 2024**NHTSA Recall No. :** 24V-438**Manufacturer Recall No. :** SN728**Manufacturer Information :**

Manufacturer Name : Terex South Dakota, Inc.

Address : 3140 15th Ave SE

PO Box 1050 Watertown SD 57201

Company phone : 18448373948

Population :

Number of potentially involved : 121

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2022-2023 Terex TM

Vehicle Type : LOW VOLUME VEHICLES

Body Style :

Power Train : NR

Descriptive Information : The affected controller entered production on June 16, 2022. There was a software update that went into production on November 14, 2023. All TM aerial devices produced from June 16, 2022 through November 13, 2023 are included in the recall population.

Production Dates : JUN 16, 2022 - NOV 13, 2023

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

Description of the Defect : The controller for maintaining the platform in a level condition may allow the platform to dump while squeezing the unit control enable trigger if electrical power to the controller is lost.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Dumping of the platform may cause the platform occupants to fall resulting in injury.

Description of the Cause : The software for the tilt controller on the affected machines may lose the ability to maintain level while squeezing the enable trigger if power to the controller is lost.

Identification of Any Warning that can Occur : If power is lost to the platform tilt controller, the platform may not maintain a level position when the enable trigger on the upper control is squeezed.

Involved Components :

Component Name 1 : Master Leveling Controller

Component Description : Controller for platform leveling system

Component Part Number : 633353

Supplier Identification :

Component Manufacturer

Name : Hartfiel Automation

Address : 2600 Technology Drive
Plano Texas 75074

Country : United States

Chronology :

On 10/30/2023, Terex received a report from the field of a platform that dumped. The investigation found that a cover was damaged due to contact with another object and severed the power wires to the leveling controller and the secondary system that limits platform tilting to 15 degrees. On 11/3/2023, testing of the system shows that if power is disconnected from the leveling controller while squeezing the unit control enable trigger, the platform may dump. On 11/14/2023, a software update is implemented for production that prevents the platform from dumping if power to the leveling controller is disconnected. On 11/16/2023, Terex received a report from a dealer of a platform that dumped during a function test, the investigation discovered the power wire to the leveling controller was disconnected. Terex consulted with the level controller supplier to determine if all units in the time frame may have been affected. The affected unit list was finalized on 6/5/2024 and the decision to recall was made on 6/10/2024.

Description of Remedy :

Description of Remedy Program : Affected controllers will be either reprogrammed or replaced at no cost to the owner.

How Remedy Component Differs from Recalled Component : Recalled machines will not be visibly distinguishable from remedied machines.

Identify How/When Recall Condition was Corrected in Production : A software update was implemented on November 14, 2023 for machines in production.

Recall Schedule :

Description of Recall Schedule : Dealer notification will begin by 6/25/2024 and owner notification will begin by 8/9/2024.

Planned Dealer Notification Date : JUN 25, 2024 - NR

Planned Owner Notification Date : AUG 09, 2024 - NR

* NR - Not Reported