

Part 573 Safety Recall Report

22V-893

Manufacturer Name : Terex South Dakota, Inc.**Submission Date :** DEC 02, 2022**NHTSA Recall No. :** 22V-893**Manufacturer Recall No. :** SN715**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 :** 431**Estimated percentage with defect :** 30 %**Vehicle Information :****Vehicle 1 :** 2022-2022 Terex C4000, C5000, C6000, C7000, General, Trans TL**Vehicle Type :** LOW VOLUME VEHICLES**Body Style :****Power Train :** NR**Descriptive Information :** The recall population includes booms welded on one weld machine from June 1, 2022 to November 18, 2022.**Production Dates :** JUN 01, 2022 - NOV 18, 2022**VIN Range 1 : Begin :** NR**End :** NR☐ Not sequential**Description of Defect :****Description of the Defect :** A seam in the boom structure may have been improperly welded, causing the weld to crack.**FMVSS 1 :** NR**FMVSS 2 :** NR**Description of the Safety Risk :** Cracking of the weld may lead to boom failure resulting in injury.**Description of the Cause :** The joint was improperly welded leading to cracking of the weld.**Identification of Any Warning that can Occur :** The operator is to conduct a daily pre-shift inspection of the boom structure looking for cracked welds. The cracked weld could be detected during this inspection.**Involved Components :**

Component Name 1 : Main Boom Weldt, C4042

Component Description : Main boom for C4042 digger derrick

Component Part Number : 444884

Component Name 2 : Main Boom Weldt, C4045

Component Description : Main boom for C4045 digger derrick

Component Part Number : 441823

Component Name 3 : Main Boom Weldt, C4047

Component Description : Main boom for C4047 digger derrick

Component Part Number : 441836

Component Name 4 : Main Boom Weldt, C4047

Component Description : Main boom for C4047 digger derrick

Component Part Number : 624479

Component Name 5 : Main Boom Weldt, C4050

Component Description : Main boom for C4050 digger derrick

Component Part Number : 455232

Component Name 6 : Main Boom Weldt, C5045

Component Description : Main boom for C5045 digger derrick

Component Part Number : 476284

Component Name 7 : Main Boom Weldt, C5048/50/52

Component Description : Main boom for C5048, C5050, & C5052 digger derrick

Component Part Number : 472622

Component Name 8 : Main Boom Weldt, C5055

Component Description : Main boom for C5055 digger derrick

Component Part Number : 476645

Component Name 9 : Main Boom Weldt, C6054

Component Description : Main boom for C6054 digger derrick

Component Part Number : 482855

Component Name 10 : Main Boom Weldt, C6060

Component Description : Main boom for C6060 digger derrick

Component Part Number : 464462

Component Name 11 : Main Boom Weldt, C7000

Component Description : Main boom for C7000 digger derrick

Component Part Number : 468389

Component Name 12 : Main Boom Weldt, General

Component Description : Main boom for General digger derrick

Component Part Number : 402530

Component Name 13 : Main Boom Weldt, General

Component Description : Main boom for General digger derrick

Component Part Number : 615029

Component Name 14 : Main Boom Weldt, General

Component Description : Main boom for General digger derrick

Component Part Number : 604557

Component Name 15 : Outer Boom Weldt

Component Description : Outer boom for TL100 aerial device

Component Part Number : 621627

Component Name 16 : Outer Boom Weldt

Component Description : Outer boom for TL80/112 aerial device

Component Part Number : 620239

Supplier Identification :

Component Manufacturer

Name : Terex South Dakota, Inc

Address : 3140 15th Ave SE

Watertown South Dakota 57201

Country : United States

Chronology :

On November 18, 2022, a crack in a weld was discovered on a machine in production. A Quality stop was issued on that date to stop shipment from Terex until all potentially affected booms could be inspected. By November 22, 2022 all potentially affected booms at Terex SD facilities were inspected and affected booms identified for correction. On November 22, 2022, a crack was identified on a completed machine at a customer site. The decision to recall was made on November 23, 2022.

Description of Remedy :

Description of Remedy Program : All potentially affected booms are to be inspected for cracking. Booms determined to be affected will be repaired or replaced at no cost to the owner.

How Remedy Component Differs from Recalled Component : No visible distinguishing characteristics

Identify How/When Recall Condition was Corrected in Production : On November 29, 2022, the weld machine was taken out of service and replaced with a new machine. Testing of welds with the replacement welder showed the issue was corrected. Production resumed on November 29, 2022 after the successful testing of welds performed with the replacement machine.

Recall Schedule :

Description of Recall Schedule : Dealer notification will begin by December 9, 2022. Owner notification will begin by February 3, 2023.

Planned Dealer Notification Date : DEC 09, 2022 - NR

Planned Owner Notification Date : FEB 03, 2023 - NR

* NR - Not Reported