

Part 573 Safety Recall Report

18V-794

Manufacturer Name : Terex South Dakota, Inc.

Submission Date : DEC 12, 2018

NHTSA Recall No. : 18V-794

Manufacturer Recall No. : SN669



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 : 1,275

Estimated percentage with defect : 95 %

Vehicle Information :

Vehicle 1 : 2017-2018 Terex Digger Derrick

Vehicle Type : LOW VOLUME VEHICLES

Body Style :

Power Train : NR

Descriptive Information : The 450543 Guide Bar is a component which attaches the pole guide arms to the pole guide tilt bracket. The pole guide allows operators to control and plumb power poles. The population of equipment involved is determined by the date the supplier made a change to one of the components in a weldment. This change reduced the amount of weld holding the stud in the bar. The bulletin will describe and show examples of both the bars which are and are not involved in this recall.

Production Dates : MAY 18, 2017 - AUG 30, 2018

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Description of Defect :

Description of the Defect : The weld of the pole guide pin to the bar is not sufficient to hold the pole guide arm in place.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If the weld fails the pole guide arm can fall and could result in injury to ground personnel.

Description of the Cause : The supplier, who makes the part exclusively for TSD, changed a part dimension which also changed the type of weld joint without approval, reducing the weld size.

Identification of Any Warning that can Occur : A crack will develop prior to failure and will be detectable in the daily inspection.

Supplier Identification :**Component Manufacturer**

Name : Iron Shield LLC
Address : 1004 Hillcrest Dr
Garden City SOUTH DAKOTA 57236
Country : United States

Chronology :

The first report of failure was received in July of 2018. That part was not returned for evaluation. The next reported issue was July 30, 2018. The part was returned August 30, 2018 for evaluation. Parts in production stock were of mixed construction, samples were sectioned and evaluated for weld quality in September and all production parts with incorrect weld were reworked or scrapped. The supplier who made the affected components exclusively for TSD corrected the weld joint for his production September 24, 2018. The affected population was determined in October 2018 by obtaining samples from units in the field to determine the date range. A decision to recall was made on 11/8/2018.

Description of Remedy :

Description of Remedy Program :	The affected guide bars in the date range will be replaced at no charge to the owner.
How Remedy Component Differs from Recalled Component :	The bulletin will provide pictures of parts which will require replacement and ones which are not affected.
Identify How/When Recall Condition was Corrected in Production :	All parts in stock in production and in replacement parts stock were inspected in September 2018 and were reworked or scrapped as required. Units built after August 30, 2018 until October 2018 used parts from a different supplier or corrected parts.

Recall Schedule :

Description of Recall Schedule :	Owners will be mailed letters after it is approved no later than indicated.
Planned Dealer Notification Date :	NOV 26, 2018 - NR
Planned Owner Notification Date :	DEC 14, 2018 - NR

* NR - Not Reported