

Part 573 Safety Recall Report

17V-320

Manufacturer Name : Terex South Dakota, Inc.

Submission Date : MAY 15, 2017

NHTSA Recall No. : 17V-320

Manufacturer Recall No. : SN658



Manufacturer Information :

Population :

Manufacturer Name : Terex South Dakota, Inc.

Number of potentially involved : 58

Address : 500 Oakwood Road

Estimated percentage with defect : 100 %

PO Box1050 Watertown SD 57201

Company phone : 1-800-982-8975

Vehicle Information :

Vehicle 1 : 2007-2016 Terex and others C4000, FC, HR, HRX, SCM, TC, TCX, TL, TPL, XT

Vehicle Type : LOW VOLUME VEHICLES

Body Style :

Power Train : NR

Descriptive Information : This series of vehicles are used with digger derricks or aerial devices installed for utility line work. The vehicles use an electric hybrid battery power system, (Hy-Power™), to provide hydraulic power for the boom functions and 120VAC power for hand tools (exportable power) when stationary.

Production Dates : DEC 26, 2007 - SEP 27, 2016

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : Hy-Power™ 408 volt battery power systems on some aerial devices manufactured from December 2007 through September 2016 may contain 120VAC exportable power, for hand tool use, with 20 milliamp trip current Ground Fault Circuit Interrupter (GFCI) not 6 milliamp.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Current level of 20 milliamps before opening the 120 VAC circuit is above the let-go current level if a tool should have an internal short.

Description of the Cause : The GFCI breaker supplied with 20 mA break current is for equipment protection not personal protection

Identification of Any Warning that can Occur : No warning will occur

Supplier Identification :**Component Manufacturer**

Name : Parker SSD
Address : 9225 Forsyth Park Dr.
Charlotte NORTH CAROLINA 28273
Country : United States

Chronology :

A unit built in February 2017 was tested for the trip current of the GFCI supplying 120 volt power to tools. The GFCI did not trip at the expected 6 milliamps current. Discussions with the supplier indicated they used a GFCI for equipment protection, which have 20 milliamps trip current. A unit was modified and tested on 3/30/17 and determined to comply with the current requirements. Units built in February were then modified with the replacement components before delivery. The decision to perform a recall was made on May 11, 2017.

Description of Remedy :

Description of Remedy Program : TSD will replace the breakers with GFCI personal protection breakers at no cost to the owner.

How Remedy Component Differs from Recalled Component : The affected GFCI have the marking CBi visible through the clear breaker cover. The replacement Eaton GFCI do not have a visible manufacturers mark showing without disassembly.

Identify How/When Recall Condition was Corrected in Production : The GFCI breakers were replaced on production unit built in 2017

Recall Schedule :

Description of Recall Schedule : Recall will begin when it has been approved by NHTSA and parts can be obtained.

Planned Dealer Notification Date : MAY 24, 2017 - NR

Planned Owner Notification Date : NR - NR

* NR - Not Reported