

Part 573 Safety Recall Report

20V-552

Manufacturer Name : Genie Industries, Inc.**Submission Date :** SEP 10, 2020**NHTSA Recall No. :** 20V-552**Manufacturer Recall No. :** NR**Manufacturer Information :**

Manufacturer Name : Genie Industries, Inc.
Address : Terex Aerial Work Platforms
 18340 NE 76th Street Redmond WA
 98052
Company phone : 800-536-1800

Population :

Number of potentially involved : 14
Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2020-2020 Genie TZ-50
Vehicle Type : TRAILERS
Body Style : OTHER
Power Train : NR

Descriptive Information : The recalled population was determined based on when the new torque tool was implemented (July 27, 2020) in the assembly line and when improper torque joint was discovered (August 24, 2020) in production. The team checked the torque value(s) of all inventory machines and recorded each serial number. The inventory machines were verified as not torqued to specification and corrected to specification. The 14 other machines were determined to be potentially not torqued to specification. There are no visual indicators that the joints are not torqued specification without verifying with a torque indicator.

Production Dates : JUL 29, 2020 - AUG 17, 2020

VIN Range 1 : Begin :	5D8AA2310L1004169	End :	5D8AA2310L1004169	<input type="checkbox"/> Not sequential
VIN Range 2 : Begin :	5D8AA2318L1004162	End :	5D8AA2318L1004165	<input type="checkbox"/> Not sequential
VIN Range 3 : Begin :	5D8AA2310L1004155	End :	5D8AA2310L1004155	<input type="checkbox"/> Not sequential
VIN Range 4 : Begin :	5D8AA2312L1004156	End :	5D8AA2312L1004156	<input type="checkbox"/> Not sequential
VIN Range 5 : Begin :	5D8AA2313L1004165	End :	5D8AA2313L1004165	<input type="checkbox"/> Not sequential
VIN Range 6 : Begin :	5D8AA2314L1004157	End :	5D8AA2314L1004157	<input type="checkbox"/> Not sequential
VIN Range 7 : Begin :	5D8AA2314L1004160	End :	5D8AA2314L1004160	<input type="checkbox"/> Not sequential
VIN Range 8 : Begin :	5D8AA2316L1004158	End :	5D8AA2316L1004158	<input type="checkbox"/> Not sequential
VIN Range 9 : Begin :	5D8AA2316L1004161	End :	5D8AA2316L1004161	<input type="checkbox"/> Not sequential
VIN Range 10 : Begin :	5D8AA2317L1004167	End :	5D8AA2317L1004167	<input type="checkbox"/> Not sequential
VIN Range 11 : Begin :	5D8AA2318L1004159	End :	5D8AA2318L1004159	<input type="checkbox"/> Not sequential

Description of Defect :

Description of the Defect : Tongue Structure to the Main Chassis of TZ-50 bolts are pre-torqued to 30 ft-lbs correctly, but all bolted joints may not have achieved torque specification (90 ft-lbs).

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Machine tongue structure may loosen, eventually separating from the machine.

Description of the Cause : The torque was missed in QA because the torque tool was not connected to the Andon System.

Identification of Any Warning that can Occur : May see a gap between the Tongue Structure and the Main Chassis when conducting pre-operation inspections.

Involved Components :

Component Name 1 : NR

Component Description : NR

Component Part Number : NR

Supplier Identification :

Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

Chronology :

On July 27, 2020, a new DC nut running torque tool was implemented to join the Tongue Structure bolted joint to the Main Chassis.

On August 24, 2020, a team member noticed an error in the torque tool system, which indicated an improper torqued joint.

After researching the data from the system, it was observed a few torques were missing. Machine serial numbers were identified from the time of tool implementation to August 24.

On August 24, 2020, The team then checked the torque of all inventory machines. The machines that had joints that were not torqued to the specification (90 ft-lbs) were corrected and documented. All other machines that were not in the serial number range were recorded.

After internal evaluation, Genie concluded on Sept 8 that a safety defect exists that may affect highway safety.

Description of Remedy :

Description of Remedy Program : Genie will conduct a recall by sending a Safety Recall Notice to all purchasers and dealers who might be affected by the recall. The customers will be provided with a set of instructions to torque joint to the specification (90 ft-lbs).

Genie is working towards a notification date of October 1, 2020.

How Remedy Component Differs from Recalled Component : There is no visible indication. The bolted joint has to be verified to be torqued to specification (90 ft-lbs).

Identify How/When Recall Condition was Corrected in Production : The operator has been retrained, and Quality Control is being utilized to manually verify that torque specifications are being achieved. The next step is to automate the torque tool connection to the production line system to signal that each joint is adequately torqued (Andon System).

Recall Schedule :

Description of Recall Schedule : NR

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : NR - NR

* NR - Not Reported