

Part 573 Safety Recall Report

24V-544

Manufacturer Name : Doosan Bobcat North America, Inc.

Submission Date : AUG 14, 2024

NHTSA Recall No. : 24V-544

Manufacturer Recall No. : 12-24-9



Manufacturer Information :

Population :

Manufacturer Name : Doosan Bobcat North America, Inc.

Number of potentially involved : 24

Address : 1293 Glenway Drive

Estimated percentage with defect : 100 %

Statesville NC 28625

Company phone : 8833500

Vehicle Information :

Vehicle 1 : 2024-2024 Bobcat PG25

Vehicle Type : TRAILERS

Body Style : OTHER

Power Train : NR

Descriptive Information : The wheel lug nut torque on the selected serial number range of portable generator model PG25 may not meet engineering specifications. Wheel lug nuts (p/n 35315274) that are not to the proper torque specification may cause vibration, tire wobble, or the wheel(s) could come off during towing, resulting in a crash

Production Dates : JAN 31, 2024 - MAY 31, 2024

VIN Range 1 : Begin : 4FVGCBA1RU515588 **End :** 4FVGCAAA8RU517350 Not sequential

Description of Defect :

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FMVSS 1 : 120 - Wheels and rims- other than passenger cars

FMVSS 2 : NR

Description of the Safety Risk : The wheel lug nut torque on the selected serial number range of portable generator model PG25 may not meet engineering specifications. Wheel lug nuts (p/n 35315274) that are not to the proper torque specification may cause vibration, tire wobble, or the wheel(s) could come off during towing, resulting in a crash

Description of the Cause : NR

Identification of Any Warning that can Occur : vibration, tire wobble

Involved Components :

Component Name 1 : Wheel nut

Component Description : Wheel nut

Component Part Number : 35315274

Supplier Identification :**Component Manufacturer**

Name : Doosan Bobcat North America, Inc.

Address : 1293 GLENWAY DRIVE
STATESVILLE North Carolina 28625

Country : United States

Chronology :

Received report from field on 7/12/2024 that PG25 model generator had loose wheel nuts. We began investigation on 7/12/2024 to investigate issue. Units at the factory were inspected and loose wheel nuts were found. The root cause was investigated and found to be related to move of frame assembly station in January 2024. A report of the affected shipped population was created and report filed with NHTSA

Description of Remedy :

Description of Remedy Program :

Issue: [?] [?]

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[?]

Solution:

Immediately stop towing the affected equipment. Follow below instructions to inspect and torque wheel lug nuts properly.

Scenario 1: Unit Has Not Been Towed

Properly torque the wheel lug nuts to the correct specification using the star pattern method (see Figure 1). The lug nuts should be torqued between 105 ft-lbs – 115 ft-lbs.

Scenario 2: Unit Has Been Towed

Remove the wheels and inspect wheel studs and mount holes in wheel for damage.

If no damage is observed, reinstall the wheel and torque the lug nuts between 105 ft-lbs – 115 ft-lbs using the star pattern method.

[?]

If damage is observed, further inspect the area around the wheel for additional damage (for example, the wheel hub, leaf springs, etc.) and take clear photographs of all damaged components. Call 1-800-633-5206 Option #2 to consult with a Bobcat Factory Technician for guidance on part replacement.

After repair, instruct owner to re-check wheel lug nut torque again after 20 miles of towing.

Customers of affected unit will not be charged for repairs as units are under warranty. If repaired prior to release of the bulletin, owners will be able to request reimbursement.

How Remedy Component Differs from Recalled Component :

The remedy component is torqued within the range of 105 ft/lbs to 115 ft/lbs.

Identify How/When Recall Condition was Corrected in Production :

Calibrated torque tools were installed in the PG25 frame area where the wheels are installed. Additional torque checks were also instituted in the test cell to confirm wheels have been torques to specification

Recall Schedule :

Description of Recall Schedule :

Doosan Bobcat North America, Inc. has released Technical Service Bulletin 12-24-9 on July 25, 2024 alerting dealers of the PG25 wheel lug

nut torque verification issue. We will begin sending dealer notification letters and owner notification letters by 7/31

Planned Dealer Notification Date : JUL 25, 2024 - OCT 31, 2024

Planned Owner Notification Date : JUL 31, 2024 - OCT 31, 2024

* NR - Not Reported