

Part 573 Safety Recall Report

24V-578

Manufacturer Name : Doosan Bobcat North America, Inc.

Submission Date : AUG 02, 2024

NHTSA Recall No. : 24V-578

Manufacturer Recall No. : 5-24-10



Manufacturer Information :

Population :

Manufacturer Name : Doosan Bobcat North America, Inc.

Number of potentially involved : 127

Address : 1293 GLENWAY DRIVE
STATESVILLE NC 28625

Estimated percentage with defect : 100 %

Company phone : 8833500

Vehicle Information :

Vehicle 1 : 2023-2023 Doosan Bobcat PA185 & C185WDO-T4F

Vehicle Type : TRAILERS

Body Style :

Power Train : NR

Descriptive Information : It was identified that (16) PA185 and (111) C185WDO-T4F model units that were built in India and had the wheels installed in the Statesville, NC facility may not have had the wheel lug nuts torqued to the correct specification of 80-90 ft/lbs.

These 127 units were built in India between April 30, 2023 and December 31, 2023.
The units were shipped between November 8, 2023 and May 6, 2024.

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

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : The wheel lug nut torque on the selected serial number range of portable compressor models PA185 & C185WDO-T4F 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

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 compressor models PA185 & C185WDO-T4F 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 : The root cause was investigated and found to be related to India built units and

Identification of Any Warning
that can Occur :

the installation of wheels in Statesville, NC The torque tool used was not applying the correct amount of torque. Measures have been put in place to have tool calibrated correctly and to have subsequent checks for torque 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 28625

Country : United States

Chronology :

We began investigation of incorrect torque based for NHTSA ID 24V544 on 7/12/2024. The PA815 & C185WDO-T4F units were inspected and loose wheel nuts were found. The root cause was investigated and found to be related to India built units and the installation of wheels in Statesville, NC The torque tool used was not applying the correct amount of torque. On August 2, 2024, a report of the affected shipped population was compiled and a report filed with NHTSA

Description of Remedy :

Description of Remedy Program : Issue bulletin to immediately stop towing the trailer and provide instructions to remedy the issue at no charge to the customer

How Remedy Component Differs from Recalled Component : The remedy component is torqued within the range of 80ft/lbs to 90ft/lbs.

Identify How/When Recall Condition was Corrected in Production : Calibrated torque tools were installed in the area where the India built PA185 & C185WDO-T4F units have the wheels 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. will release Technical Service Bulletin 5-24-10 the week of August 5, 2024 alerting dealers of the PA185 & C185WDO-T4F wheel lug nut torque verification issue. We will begin sending dealer notification letters and owner notification letters the week of August 14, 2024

Planned Dealer Notification Date : AUG 07, 2024 - OCT 31, 2024

Planned Owner Notification Date : AUG 14, 2024 - OCT 31, 2024

* NR - Not Reported