

Part 573 Safety Recall Report

24V-230

Manufacturer Name : Doosan Portable Power**Submission Date :** MAR 25, 2024**NHTSA Recall No. :** 24V-230**Manufacturer Recall No. :** 12-23-8**Manufacturer Information :**

Manufacturer Name : Doosan Portable Power

Address : 1293 GLENWAY DRIVE
STATESVILLE NC 28625

Company phone : 8833500

Population :

Number of potentially involved : 960

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2015-2023 Doosan Portable Power Portable Generators

Vehicle Type : TRAILERS

Body Style : OTHER

Power Train : NR

Descriptive Information : Continued investigation from recall 23v-859 identified that the electrical brake harness could be connected to the battery disconnect positive distribution post instead of the positive battery cable terminal. The affected number of units in the field were determined to be 960 units.

Production Dates : OCT 31, 2015 - AUG 31, 2023

VIN Range 1 : Begin : 4FVGDBAA1GU476110 End : 4FVGMBCB9PU513023 Not sequential**Description of Defect :**

Description of the Defect : Identified generators with electrical brake and battery disconnect options installed may have the electric brake harness connection connected to the positive distribution lug of the battery disconnect switch instead of the positive battery cable terminal.

FMVSS 1 : 105 - Hydraulic and electric brake systems

FMVSS 2 : NR

Description of the Safety Risk : If the electric brake harness is connected to the battery disconnect positive distribution post instead of the positive battery cable terminal, when the battery disconnect is in the off position, the emergency electric brakes will be deenergized. Deenergized brakes will not engage, increasing risk of crash

Description of the Cause : NR

Identification of Any Warning that can Occur : No warning

Involved Components :

Component Name 1 : Switch, Battery Disconnect

Component Description : Switch, Battery Disconnect

Component Part Number : 46556146

Supplier Identification :**Component Manufacturer**

Name : NR

Address : NR

NR

Country : NR

Chronology :

Doosan Bobcat North America, Inc. received a field report on 10/4/2023 of a portable generator with both electric brake and battery disconnect options that had the electric brake harness connected to the positive distribution post of the battery disconnect switch instead of the positive battery cable terminal. Based on the field report, Doosan Bobcat North America, Inc. initiated an internal investigation and determined a defect with the connection point of the electrical brake harness on units with both electric brakes and battery disconnect options and reported NHTSA Recall 23V859. Further investigation revealed that the issue with the electric brake harness being connected to the positive distribution post of the battery disconnect switch extends to models G25-G50 built beginning 10/31/2015 and to model G70WDO-T4F built between 12/14/2016 and 8/31/2023. The investigation has ruled out this issue in air compressor models and on generator models larger than G70WDO-T4F

Description of Remedy :

Description of Remedy Program : Customer letters, dealer letters, and a Technical Service Bulletin are being developed to identify and correct the issue. Additionally, warnings will instruct users to immediately stop towing the affected portable generator until the repairs have been made. This solution will be done at no charge to the customer and the dealers will file for reimbursement through the Doosan warranty system.

How Remedy Component Differs from Recalled Component : The electric brake harness will connect to the positive battery cable terminal on corrected units instead of the battery disconnect positive distribution post.

Identify How/When Recall Condition was Corrected in Production : On 10/5/2023 all production generators with both electric brake and battery disconnect options were inspected and validated that the electrical harness was connected to the positive battery cable terminal and electrical brake solenoid functioned with the battery disconnect switch in the off position.

Recall Schedule :

Description of Recall Schedule : Doosan Bobcat North America, Inc. Power will begin sending out the letters to Dealers notifying them of the Recall and Technical Service Bulletin informing them of affected models and remedy beginning 12/20/2023. Doosan Bobcat North America, Inc. will begin sending out letters to Owners notifying them of the Recall and steps to take for the remedy beginning on 04/01/2024 or sooner.

Planned Dealer Notification Date : APR 01, 2024 - MAY 31, 2024

Planned Owner Notification Date : APR 01, 2024 - JUN 30, 2024

* NR - Not Reported