

Part 573 Safety Recall Report

22V-717

Manufacturer Name : Doosan Portable Power

Submission Date : SEP 26, 2022

NHTSA Recall No. : 22V-717

Manufacturer Recall No. : NR



Manufacturer Information :

Manufacturer Name : Doosan Portable Power

Address : 1293 GLENWAY DRIVE
STATESVILLE NC 28625

Company phone : 8833500

Population :

Number of potentially involved : NR

Estimated percentage with defect : NR

Vehicle Information :

Vehicle 1 : 2021-2022 Doosan Portable Power Portable Air Compressors

Vehicle Type : TRAILERS

Body Style : OTHER

Power Train : NR

Descriptive Information : Received a field report of wheel bearing grease entering brake drum due to installation of incorrect axle seal. The affected number of units in the field were determined to be 590.

Production Dates : SEP 30, 2021 - AUG 31, 2022

VIN Range 1 : Begin : NR

End : NR

☐ Not sequential

Description of Defect :

Description of the Defect : Installation of wheel bearing seals that did not meet the design specification were identified by the axle supplier, reducing the braking performance of affected portable air compressors.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : On the affected portable air compressors the inner diameter of the axle seal was oversized creating a gap between the seal and the axle allowing the wheel bearing grease to enter the drum brakes. The wheel bearing grease will coat the brake drums and shoes causing loss of adequate braking during towing. This could increase the risk of a crash.

Description of the Cause : NR

Identification of Any Warning that can Occur : NR

Involved Components :

Component Name 1 : oil seal

Component Description : wheel hub axle seal

Component Part Number : 010 010 00

Supplier Identification :

Component Manufacturer

Name : Dexter

Address : 2900 Industrial Parkway East
Elkhart Indiana 46516

Country : United States

Chronology :

Doosan Portable Power received a field report on 8/29/2022 of a portable air compressor with wheel bearing grease on brakes caused by an incorrect sized seal. Based on the field report, Doosan Portable Power initiated an internal investigation including contacting the axle supplier. Doosan Portable Power and the axle supplier determined noncompliance with supplier's manufacturing requirements. The axle supplier installed the incorrect seal part number 010 036 00 (Doosan part number 46856856) (hereinafter "incorrect seal") instead of correct seal part number 010 010 00 (Doosan part number 46676634) (hereinafter "correct seal") on Doosan Portable Power built portable air compressors built between 9/30/2021 to 8/31/2022.

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 air compressors 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 incorrect seal has a larger inner seal diameter than the correct seal. The remedy program will include instructions on how to identify if the incorrect seals are installed on the affected portable air compressors and detailed instructions on how to replace the seals and any damaged axle components.

Identify How/When Recall Condition was Corrected in Production :	As of September 1, 2022 the axle seals on all production units have been inspected and validated to ensure Engineering specifications have been achieved.
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Recall Schedule :

Description of Recall Schedule :	NR
Planned Dealer Notification Date :	NR - NR
Planned Owner Notification Date :	NR - NR

* NR - Not Reported