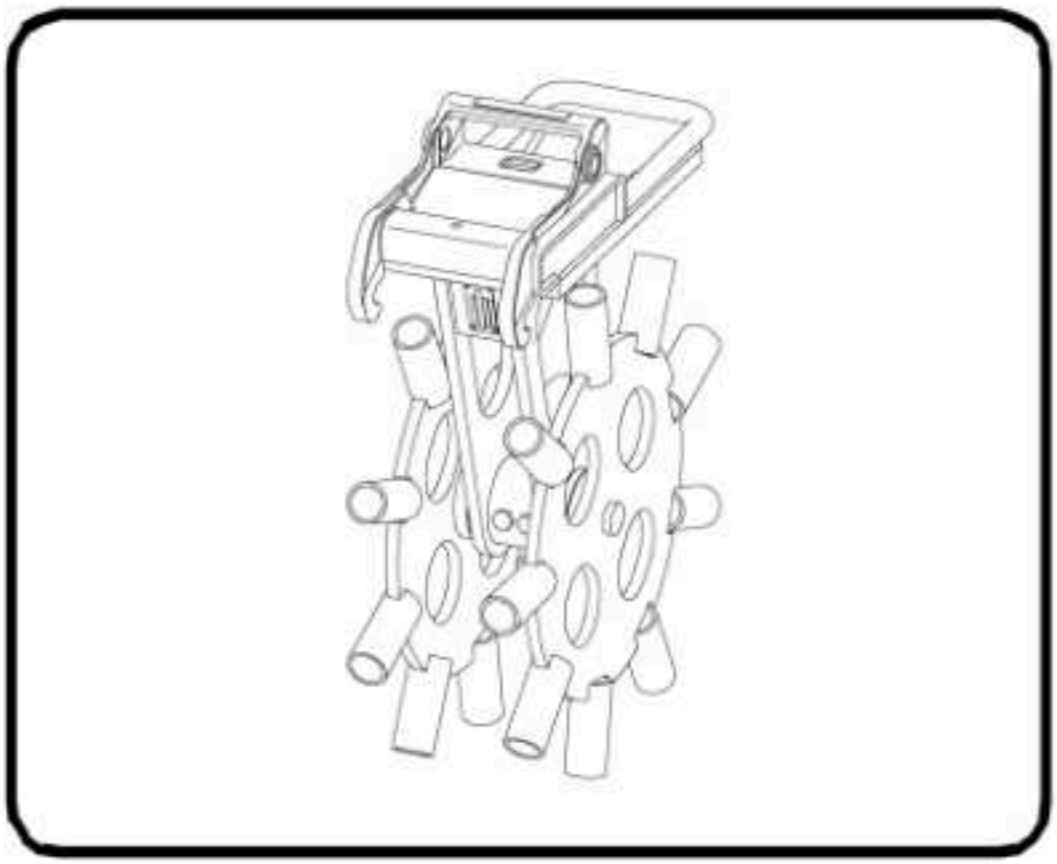
Bobcat®

Operation & Maintenance Manual

Packer Wheel

(Packer Wheel) S/N 664400101 & Above



6901178 (12-04) Revised (4-11) (2)

Printed in U.S.A.

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REFERENCE INFORMATION

Write the correct information for YOUR Bobcat packer wheel in the spaces below. Always use these numbers when referring to your Bobcat packer wheel.

Packer Wheel Serial Number _____

NOTES:

_____

_____

_____

_____

_____

YOUR BOBCAT DEALER:

_____

ADDRESS:

_____

PHONE:

_____

Bobcat Company
P.O. Box 128
Gwinner, ND 58040-0128
UNITED STATES OF AMERICA

Doosan Benelux SA
Drève Richelle 167
B-1410 Waterloo
BELGIUM

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FOREWORD

This Operation & Maintenance Manual was written to give the owner / operator instructions on the safe operation and maintenance of the Bobcat packer wheel. READ AND UNDERSTAND THIS OPERATION & MAINTENANCE MANUAL BEFORE OPERATING YOUR BOBCAT PACKER WHEEL. If you have any questions, see your Bobcat dealer.

BOBCAT COMPANY IS IS0 9001 CERTIFIED 5

SERIAL NUMBER LOCATION 7
Attachment Serial Number 7

DELIVERY REPORT 7

ATTACHMENT IDENTIFICATION 8

FEATURES AND ACCESSORIES 9
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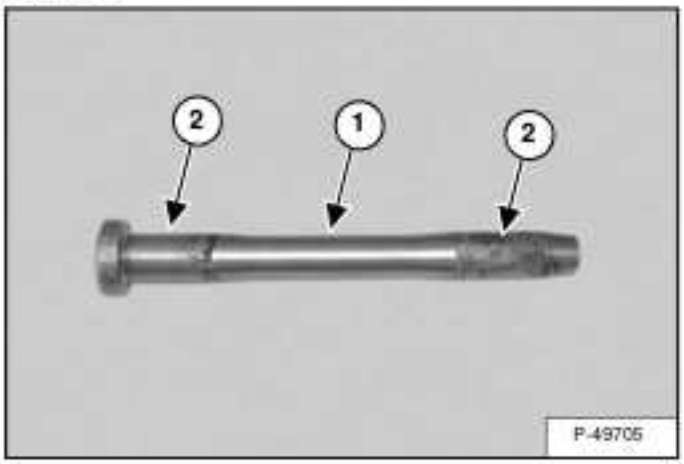
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Installation (Cont'd)

Pin On X-Change

Remove attachment / bucket (if equipped) from the backhoe. (See the backhoe's Operation & Maintenance manual for the correct procedure.)

Figure 42



Inspect the pin (Item 1) **[Figure 42]** for wear or damage. Replace the pin as needed.

Apply a light coat of grease to the ends of the pin (Item 2) **[Figure 42]**.

Enter the loader. (See Entering And Exiting The Loader on Page 25.)

Start the engine.

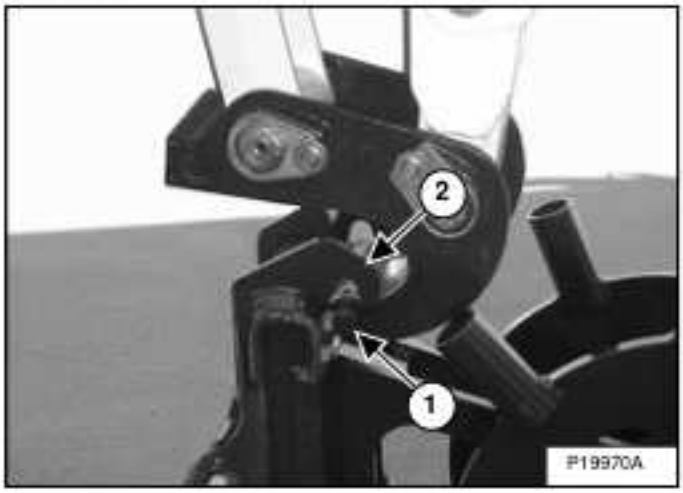
Engage the auxiliary hydraulics and adjust the throttle as necessary. (See the loader's Operation & Maintenance Manual and Operator's Handbook for correct procedure.)

Move to the backhoe operator's position. (See the backhoe's Operation & Maintenance Manual for the correct procedure.)

Retract the backhoe bucket cylinder. (See the backhoe's Operation & Maintenance Manual for the correct procedure.)

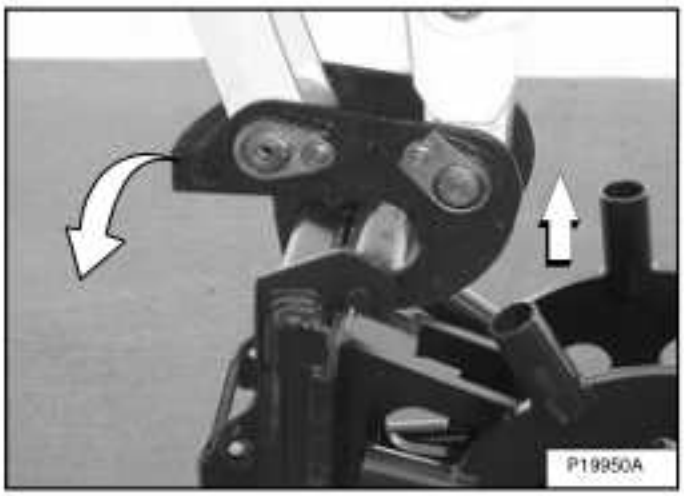
Move the arm towards the packer wheel.

Figure 43



Raise the boom until the pins (Item 1) engage the hooks (Item 2) **[Figure 43]** on the packer wheel.

Figure 44



Lift the boom and extend the bucket cylinder until the X-Change contacts the packer wheel **[Figure 44]**.

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OPERATING PROCEDURE WITH LOADER BACKHOES (CONT'D)

Control Functions

⚠ WARNING

Operator must have instructions before operating the machine. Untrained operators can cause injury or death.

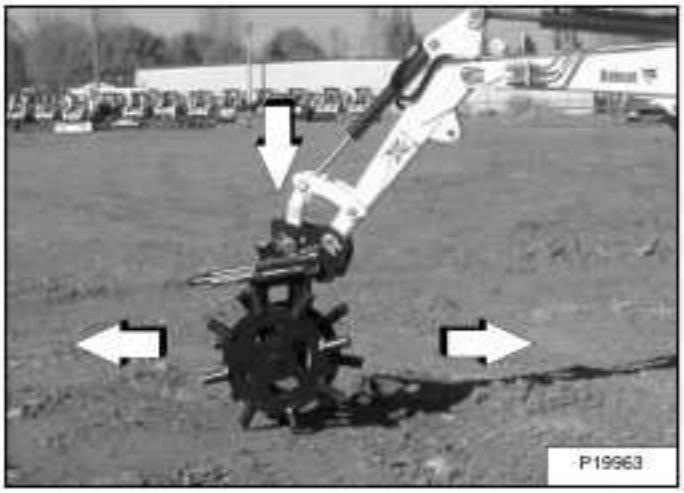
W-2001-0502

Use the left and right backhoe control levers to control the movement of the arm, boom and bucket cylinders to operate the packer wheel. (See the loader backhoe's Operation & Maintenance Manual and Operator's Handbook for detailed information on operating the loader backhoe.)

Operation With The Loader Backhoe

The packer wheel penetrates through the lift of the trench fill and compacts the soil from the bottom up. This eliminates bridging and voids in the soil. The boom and arm functions are used to roll the wheel through the trench. Excessive down force (loader backhoe rear tires should remain on the ground) is not necessary to achieve proper compaction. Six to ten passes over the material should be sufficient to achieve 95% or greater density in normal conditions. The experienced operator should be able to tell through the hydraulic controls if the required compaction has been obtained. Some loose soil (approximately 304,8 mm (12 in) the depth) will remain on top of the compacted soil.

Figure 132



Position the packer wheel in the area to be packed.

Using the boom joystick control lever, lower the boom until the packer wheel is firmly on the ground **[Figure 132]**.

NOTE: Do not use excessive boom or arm down pressure that raises the loader backhoe rear wheels off of the ground.

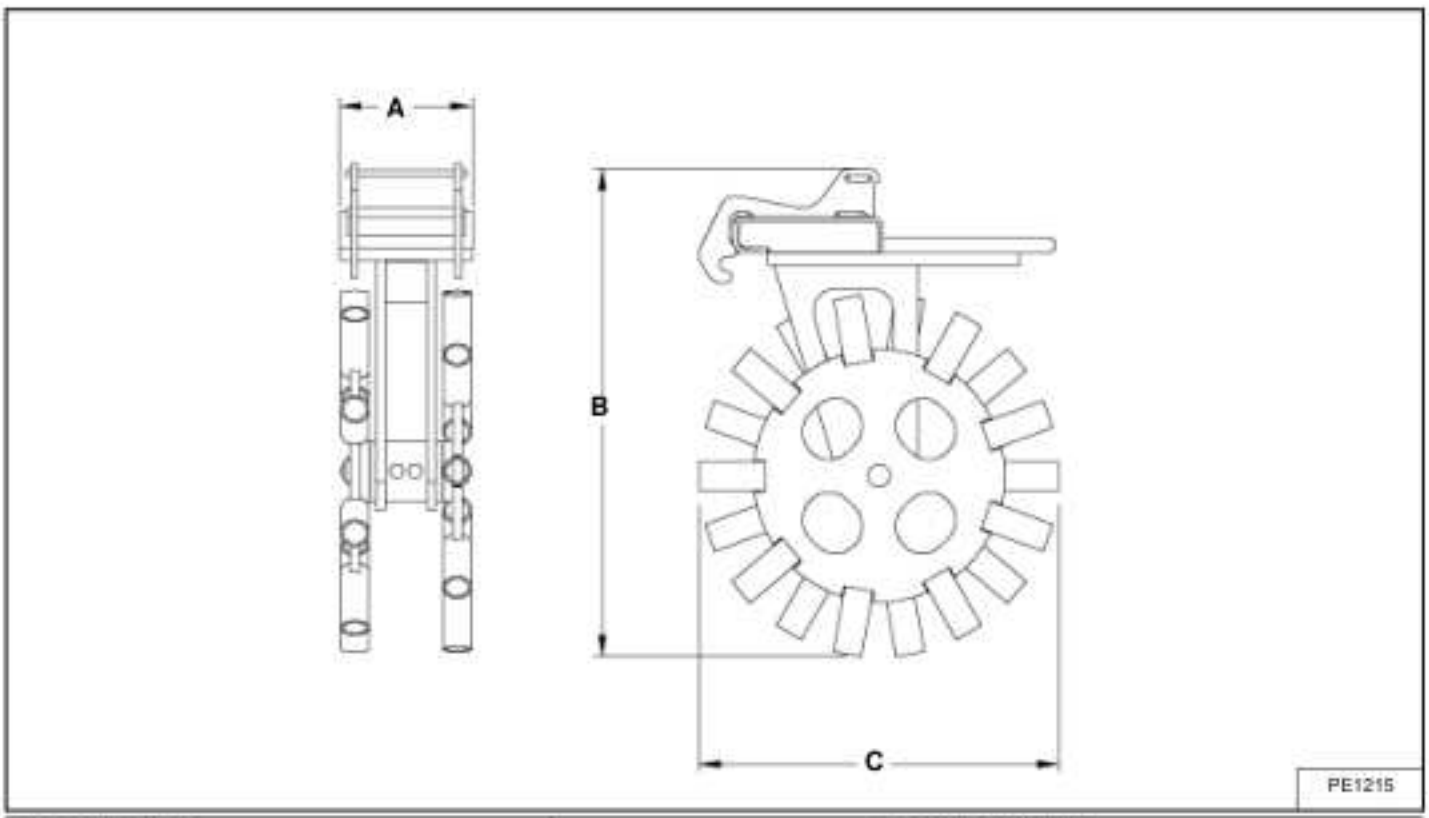
Move the arm forward and back while raising and lowering the boom as necessary to compact the soil **[Figure 132]**.

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PACKER WHEEL SPECIFICATIONS

Dimensions

- All dimensions are shown in millimeters. Respective imperial dimensions are given in inches enclosed by parentheses.
- Where applicable, specifications conform to **SAE and ISO** standards and are subject to change without notice.



DESCRIPTION	PACKER WHEEL
Width (A)	279,4 mm (11 in)
Length (B)	1028,7 mm (40.5 in)
Wheel Diameter (C)	762 mm (30 in)

Performance

DESCRIPTION	PACKER WHEEL
Operating Weight	175,25 kg (386 lb)

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SAFETY INSTRUCTIONS

Safe Operation Is The Operator's Responsibility

Safety Alert Symbol

This symbol with a warning statement means: "Warning, be alert! Your safety is involved!" Carefully read the message that follows.

WARNING

Operator must have instructions before operating the machine. Untrained operators can cause injury or death.

W-2001-0502

IMPORTANT

This notice identifies procedures which must be followed to avoid damage to the machine.

I-2019-0284

DANGER

The signal word DANGER on the machine and in the manuals indicates a hazardous situation which, if not avoided, will result in death or serious injury.

D-1002-1107

WARNING

The signal word WARNING on the machine and in the manuals indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.

W-2044-1107

The Bobcat machine and attachment must be in good operating condition before use.

Check all of the items on the Bobcat Service Schedule Decal under the 8 - 10 hour column or as shown in the Operation & Maintenance Manual.

Safe Operation Needs A Qualified Operator

For an operator to be qualified, he or she must not use drugs or alcoholic drinks which impair alertness or coordination while working. An operator who is taking prescription drugs must get medical advice to determine if he or she can safely operate a machine and the attachment.

A Qualified Operator Must Do The Following:

Understand the Written Instructions, Rules and Regulations

- The written instructions from Bobcat Company include the Delivery Report, Operation & Maintenance Manual, Operator's Handbook, Safety Manual and machine signs (decals).
- Check the rules and regulations at your location. The rules may include an employer's work safety requirements. Regulations may apply to local driving requirements or use of a Slow Moving Vehicle (SMV) emblem. Regulations may identify a hazard such as a utility line.

Have Training with Actual Operation

- Operator training must consist of a demonstration and verbal instruction. This training is given by your Bobcat dealer before the product is delivered.
- The new operator must start in an area without bystanders and use all the controls until he or she can operate the machine and attachment safely under all conditions of the work area. Always fasten seat belt before operating.

Know the Work Conditions

- Know the weight of the materials being handled. Avoid exceeding the machine load capacities. Material which is very dense will be heavier than the same volume of less dense material. Reduce the size of load if handling dense material.
- The operator must know any prohibited uses or work areas, for example, he or she needs to know about excessive slopes.
- Know the location of any underground lines. Call local utilities or the TOLL FREE phone number found in the *Call Before You Dig* Section of this manual.
- Wear tight fitting clothing. Always wear safety glasses when doing maintenance or service. Safety glasses, respiratory equipment, hearing protection, Special Applications Kits or a Front Window Guard are required for some work. See your Bobcat dealer about Bobcat Safety equipment for your machine.

SI ATT-0509

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