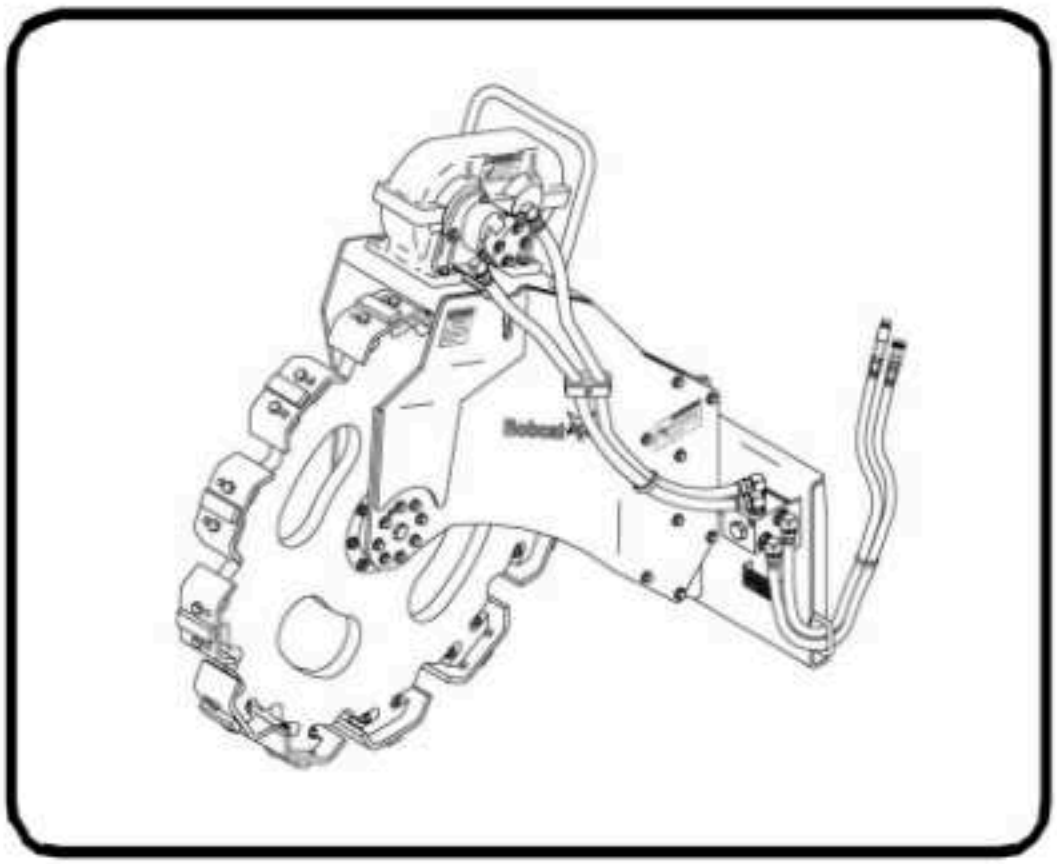
Bobcat®

Operation & Maintenance Manual
Trench Compactor

S/N 223300101 & Above



6900823 (4-99) Revised (3-11) (1)

Printed in U.S.A.

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REFERENCE INFORMATION

Write the correct information for YOUR Bobcat trench compactor in the spaces below. Always use these numbers when referring to your Bobcat attachment.

Trench Compactor Serial Number _____

NOTES:

_____

_____

_____

_____

YOUR BOBCAT DEALER:

_____

ADDRESS:

_____

PHONE:

_____

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

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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 trench compactor. READ AND UNDERSTAND THIS OPERATION & MAINTENANCE MANUAL BEFORE OPERATING YOUR BOBCAT TRENCH COMPACTOR. If you have any questions, see your Bobcat dealer. This manual may illustrate options and accessories not installed on your Bobcat trench compactor.

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
Standard Items 9

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Entering And Exiting The Loader

⚠ WARNING

AVOID INJURY OR DEATH

When operating the machine:

- **Keep the seat belt fastened snugly.**
- **The seat bar must be lowered.**
- **Keep your feet on the pedal controls or footrests and hands on the controls.**

W-2261-0909

Entering

Figure 12



Use the attachment steps, grab handles and safety treads (on the loader lift arms and frame) to get on and off the loader **[Figure 12]**.

Figure 13



Enter the loader. Fasten the seat belt and adjust it so the buckle is centered between your hips **[Figure 13]**.

Figure 14



Lower the seat bar and engage the parking brake **[Figure 14]**.

Put the foot pedals or hand controls in neutral position.

NOTE: Keep your hands on the steering levers and your feet on the foot pedals (or footrests) while operating the loader.

See the loader's Operation & Maintenance Manual and Operator's Handbook for detailed information on operating the loader.

Exiting

Lower the lift arms and put the attachment flat on the ground.

Stop the engine and engage the parking brake.

Lift the seat bar and make sure the lift and tilt functions are deactivated.

Remove the key.

Exit the loader.

⚠ WARNING

AVOID INJURY OR DEATH

Before you leave the operator's position:

- **Lower the lift arms, put the attachment flat on the ground.**
- **Stop the engine and engage the parking brake.**
- **Move all pedals, handles, joysticks, and other controls until they are LOCKED or in the NEUTRAL position.**

SEE THE MACHINE OPERATION & MAINTENANCE MANUAL FOR MORE INFORMATION.

W-2722-0208

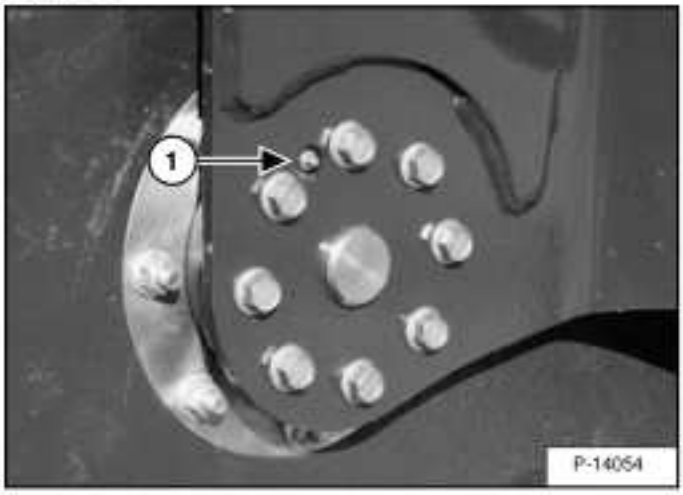
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LUBRICATION

Lubrication Points

Always use a good quality lithium base grease when lubricating the Trench Compactor. Apply the lubricant until extra grease shows.

Figure 46



Lubricate the 2 grease fittings in the bearing carriers on the trench compactor EVERY 8-10 HOURS **[Figure 46]**.

Changing Vibrator Oil

⚠ WARNING

Do not remove plugs when the vibrator is hot. You can be seriously burned.

W-2348-0399

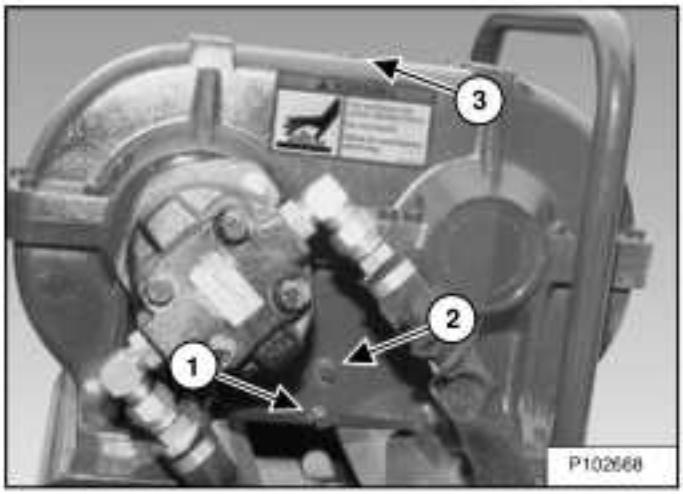
Change the oil after an initial break-in period of 100 operating hours.

Change the oil every 1,000 operation hours or once every year after the initial oil change.

Tilt the Bob-Tach forward until the vibrator is in a level position with the wheel on the ground.

Position a drain pan to collect the oil.

Figure 47



Remove the drain plug (Item 1) the level plug (Item 2) and the fill plug (Item 3) **[Figure 47]** from the vibrator.

Drain all the oil.

Reinstall the drain plug (Item 1) **[Figure 47]**.

Use an EP 80-90 oil in the vibrator. Pour oil into the fill plug (Item 3) hole until it reaches the level plug (Item 2) **[Figure 47]** hole.

Reinstall the level plug (Item 2) and the fill plug (Item 3) **[Figure 47]**.

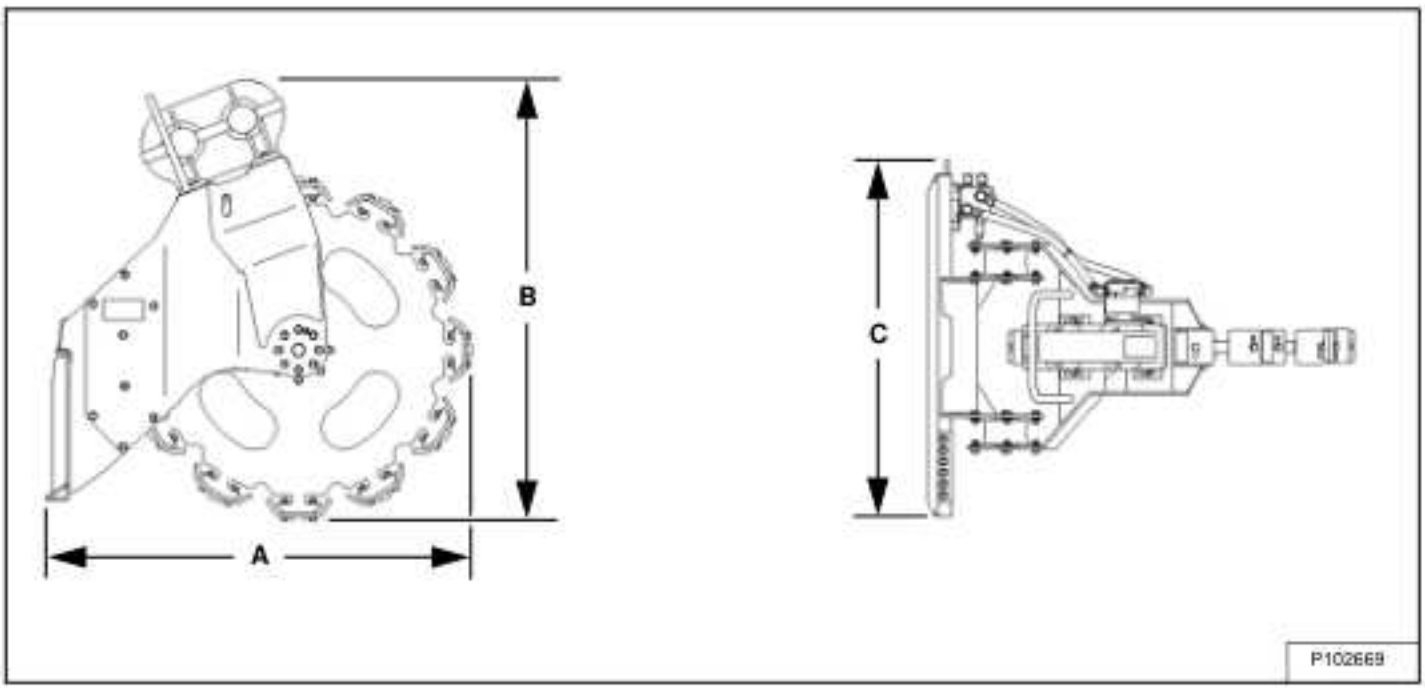
NOTE: Fluids such as engine oil, hydraulic fluid, coolant, etc. must be disposed of in an environmentally safe manner. Some regulations require that certain spills and leaks on the ground must be cleaned in a specific manner. See local, state and federal regulations for correct disposal.

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TRENCH COMPACTOR 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	TRENCH COMPACTOR
Length (A)	1219 mm (48 in)
Height (B)	1499 mm (59 in)
Width (C)	1448 mm (57 in)
Wheel Diameter	1181 mm (46.5 in)

Performance

DESCRIPTION	TRENCH COMPACTOR
Working Depth	686 mm (27 in)
Working Width	114 - 171 mm (4.5 - 6.75 in)
Dynamic Force	3175 kg (7000 lb)
Vibrations / Min	2200 @ 68.1 L/min (18 U.S. gpm)

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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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