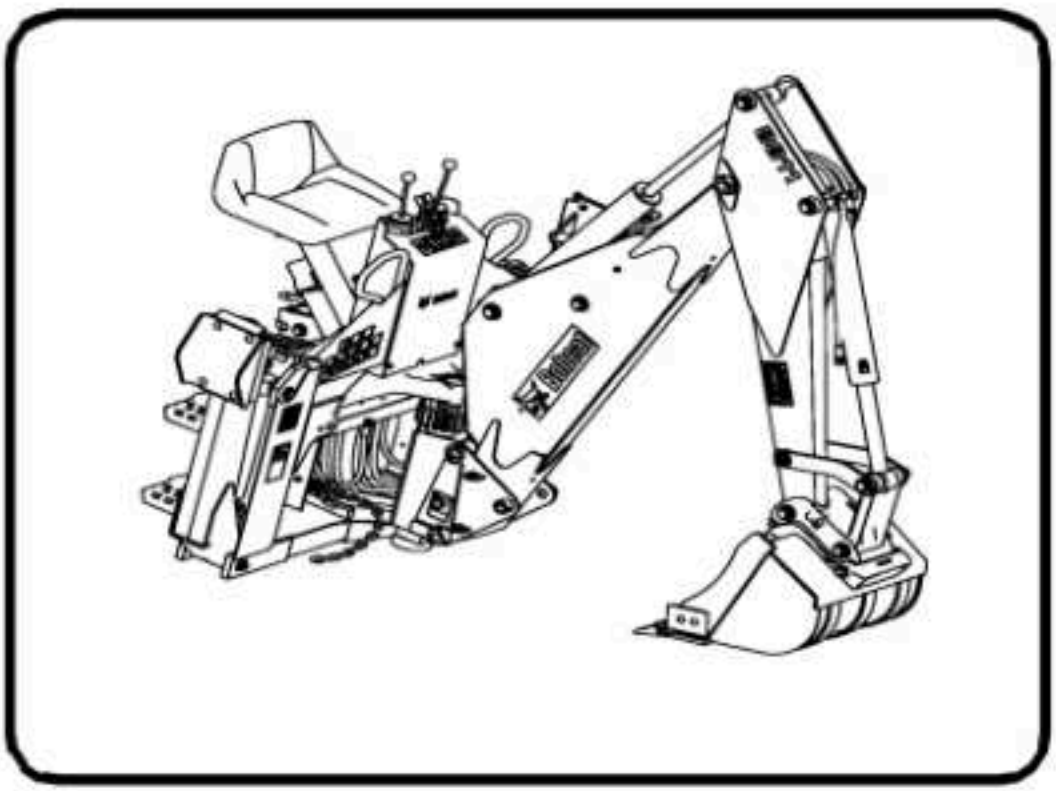
Bobcat®

Operation & Maintenance Manual
8811 Backhoe

(8811 BACKHOE) S/N 630100101 & Above
(8811 BACKHOE) S/N A55800101 & Above



6901767 (2-09) Revised (5-11) (7)

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REFERENCE INFORMATION

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

Backhoe 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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FOREWORD

This Operation & Maintenance Manual was written to give the owner / operator instructions on the safe operation and maintenance of the Bobcat backhoe. READ AND UNDERSTAND THIS OPERATION & MAINTENANCE MANUAL BEFORE OPERATING YOUR BOBCAT BACKHOE. If you have any questions, see your Bobcat dealer. This manual may illustrate options and accessories not installed on your Bobcat backhoe.

BOBCAT COMPANY IS ISO 9001 CERTIFIED 7

SERIAL NUMBER LOCATION 9
Attachment Serial Number 9

DELIVERY REPORT 9

MANUAL STORAGE LOCATION 9

ATTACHMENT IDENTIFICATION 10
S/N 630100101 & Above, S/N A55809999 & Below 10
S/N A55810000 & Above 11

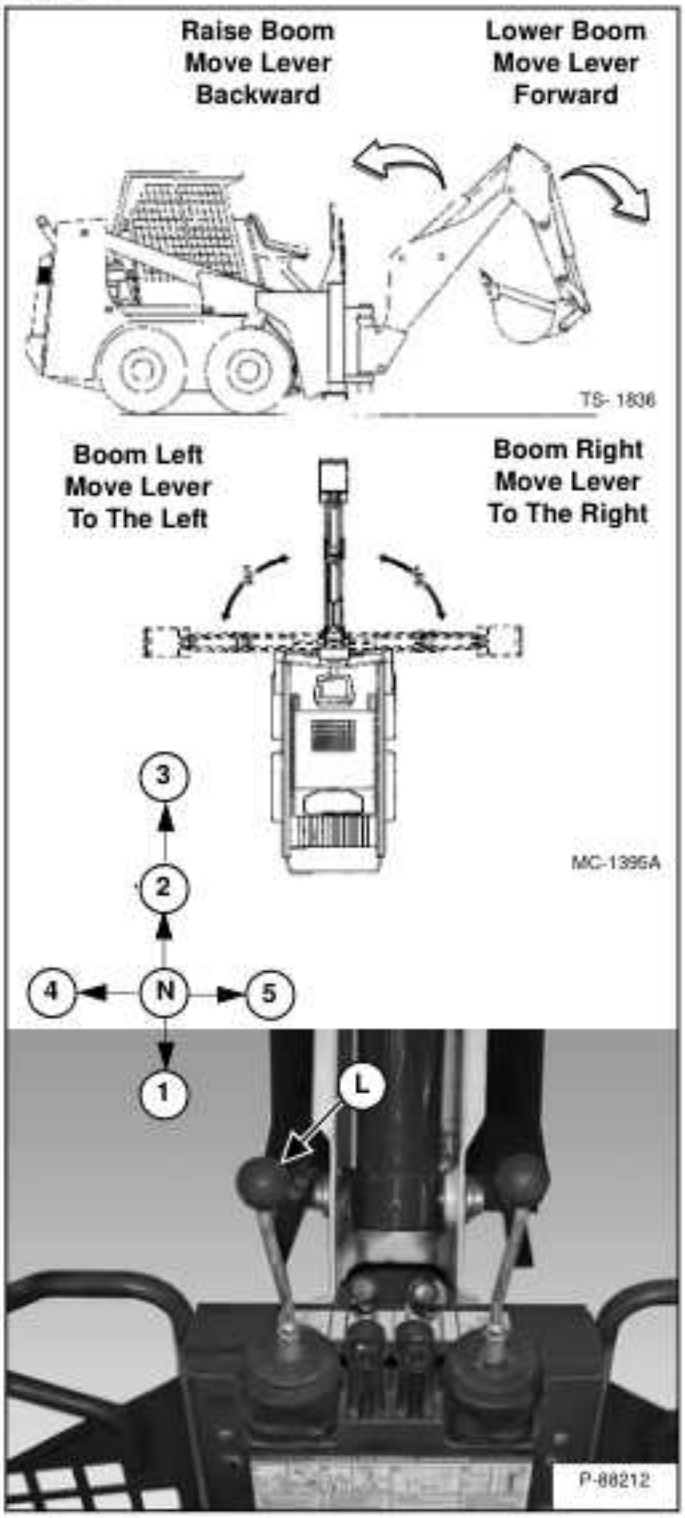
FEATURES AND ACCESSORIES 12
Options And Accessories 12

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Operation With The Loader (Cont'd)

Boom / Swing Operation

Figure 68



Learn the function of the control levers before you start the engine to begin operation **[Figure 68]**.

⚠ WARNING

AVOID INJURY OR DEATH

- **Never permit personnel to stand in the maximum swing reach area while operating the backhoe.**
- **Never move a load above other personnel.**

W-2681-1007

LEFT LEVER (Item L) **[Figure 68]** - Boom and Swing

NOTE: Reference to left-hand and right-hand refers to the left and right side of the backhoe as viewed from the backhoe operator's seat.

Boom lever positions:

N - Neutral

1 - Raise Boom - Pull lever backward.

2 - Lower Boom - Push lever forward.

3 - Float Position - Push lever farther forward. In float position there is no hydraulic force on the boom.

4 - Swing Left - Move lever to the left.

5 - Swing Right - Move lever to the right.

NOTE: When you release the lever, it will return to the neutral position (N).

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LUBRICATING THE ATTACHMENT

Lubrication Locations

Always use a good quality lithium base multi purpose grease when lubricating the attachment. Apply lubricant until extra grease shows.

IMPORTANT

Fluid such as engine oil, hydraulic fluid, coolants, grease, 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 the correct disposal.

I-2067-0499

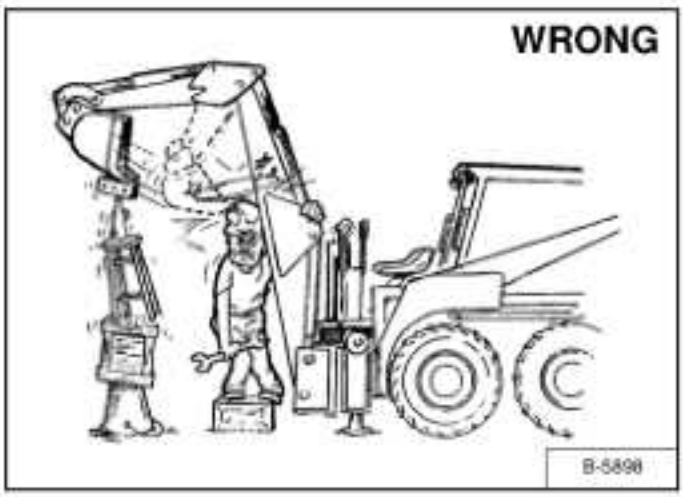
⚠ WARNING

AVOID INJURY OR DEATH

Always lower the Backhoe attachment to the ground before lubricating or servicing.

W-2178-0295

Figure 121



[Figure 121] is an example of what not to do, refer to the warning.

Use only a high grade of lithium based multi-purpose grease. Add grease to the fittings until the extra grease shows.

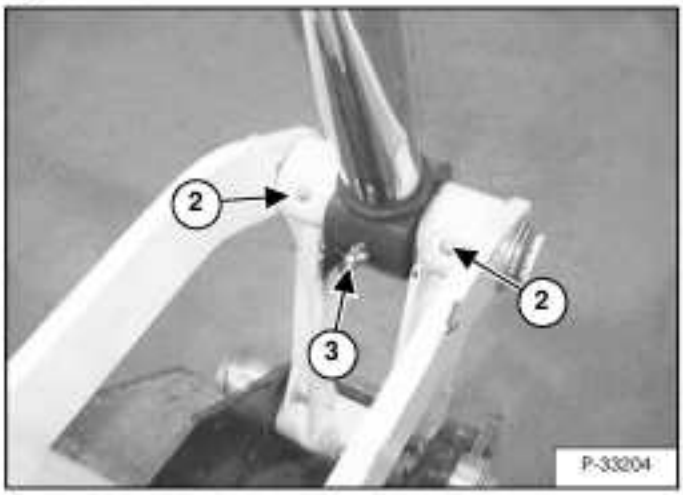
Lubricate the backhoe every **8 HOURS** of operation.

Figure 122



1. Bucket Link (Lower) **[Figure 122]**.

Figure 123



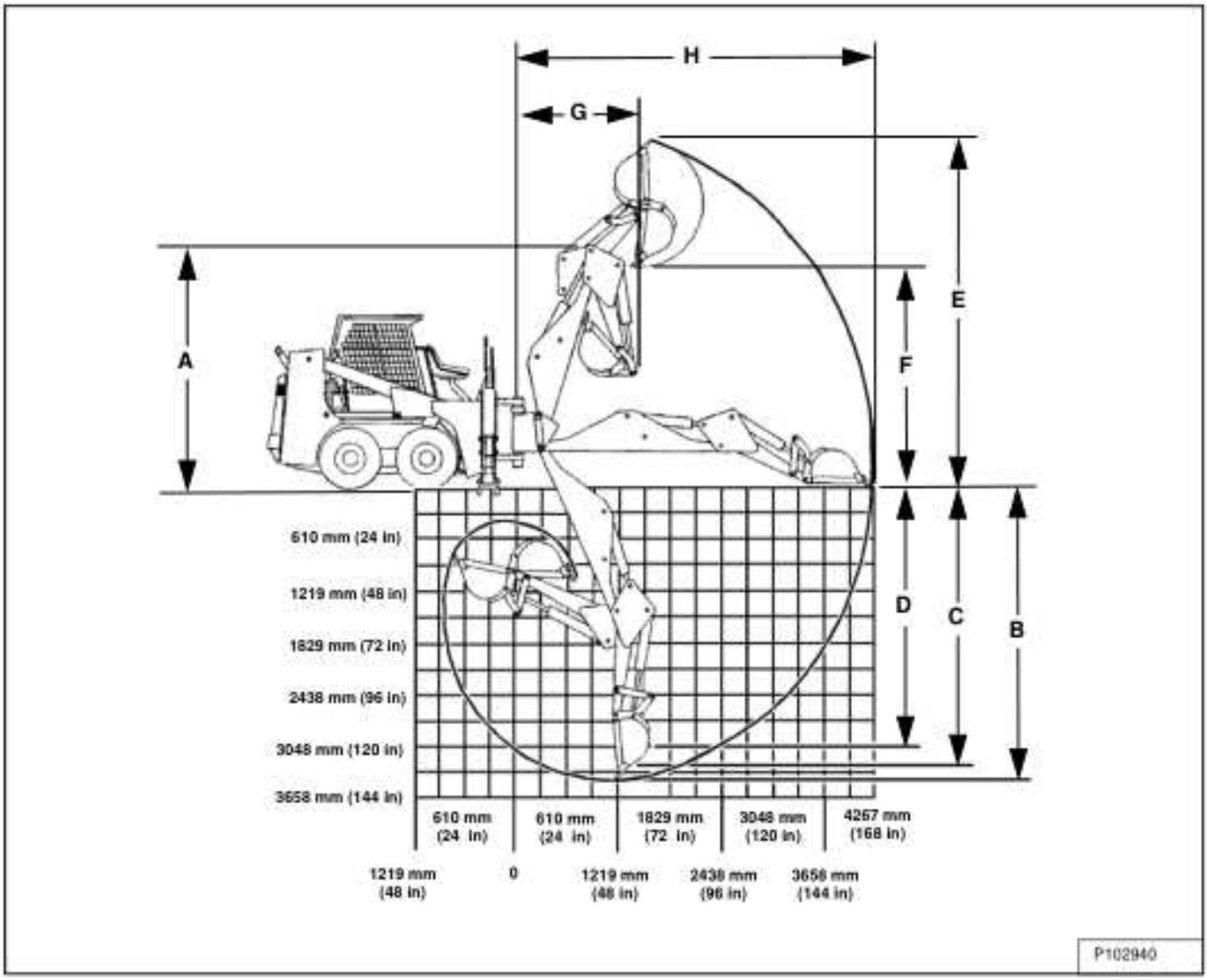
2. Bucket Link (Upper) (2) **[Figure 123]**.
3. Bucket Cylinder Rod End **[Figure 123]**.

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(8811 BACKHOE) SPECIFICATIONS

Dimensions

- Dimensions are given for loader equipped with standard tires and dirt bucket. Dimensions may vary with other types. All dimensions are shown in millimeters. Respective imperial dimensions are given in inches enclosed by parentheses.
- Where applicable, specifications conform to SAE or ISO standards and are subject to change without notice.



DESCRIPTION	8811 BACKHOE
Transport Height **(A)**	2715 mm (106.9 in)
Digging Depth-Maximum **(B)**	3447 mm (135.7 in)
Digging Depth 0,6 m (2 ft) Flat Bottom **(C)**	3424 mm (134.8 in)
Digging Depth 2,4 m (8 ft) Flat Bottom **(D)**	3030 mm (119.3 in)
Overall Operating Height Fully Raised **(E)**	4089 mm (161.0 in)
Loading Height Standard Bucket Position **(F)**	2540 mm (100.0 in)
Loading Reach Standard Bucket Position **(G)**	1504 mm (59.2 in)
Reach From Swing Pivot **(H)**	4216 mm (166.0 in)

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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-0511

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