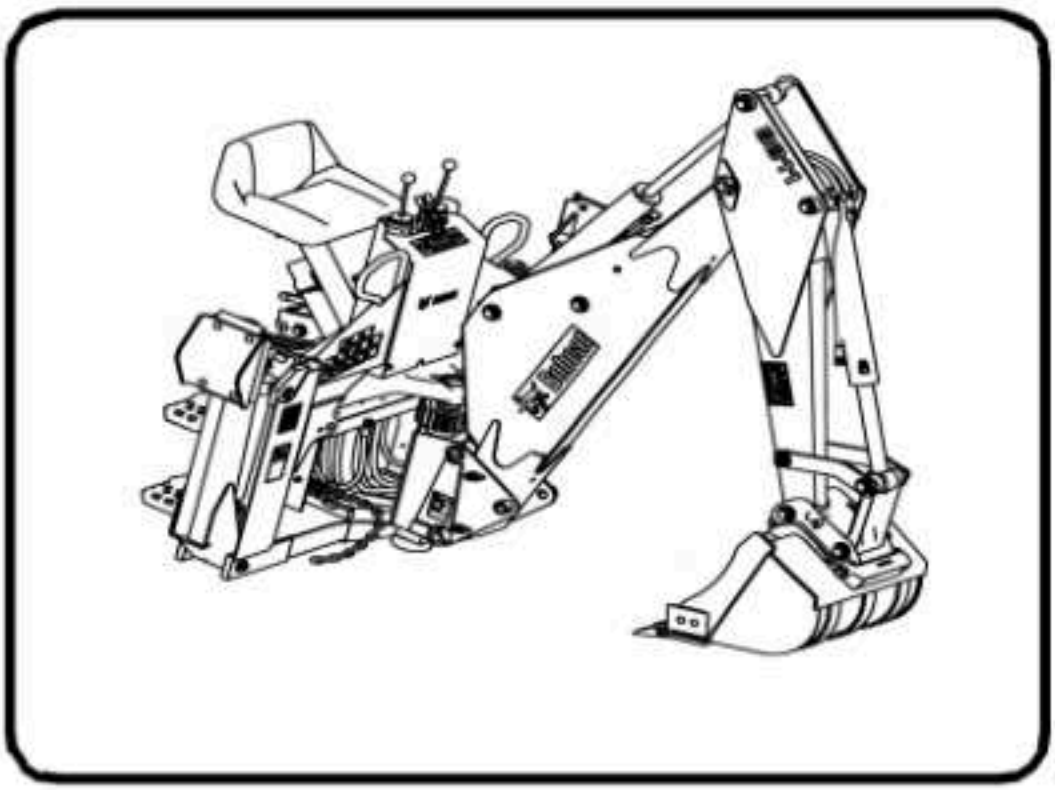
Bobcat®

Operation & Maintenance Manual
8811 Backhoe

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



6901767 (6-07) Revised (2-09) (6)

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REFERENCE INFORMATION

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

Backhoe Serial Number _____

_____

_____

NOTES:

_____

_____

YOUR BOBCAT® DEALER:

ADDRESS:

_____

PHONE:

_____

Bobcat Company
P.O. Box 128
Gwinner, ND 58040-0128

Bobcat Company Europe
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B-1410 WATERLOO
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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 backhoe. READ AND UNDERSTAND THIS OPERATION & MAINTENANCE MANUAL BEFORE OPERATING YOUR BACKHOE. If you have any questions, see your Bobcat dealer.

BOBCAT COMPANY IS ISO 9001:2000 CERTIFIED V

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MANUAL STORAGE LOCATION VII

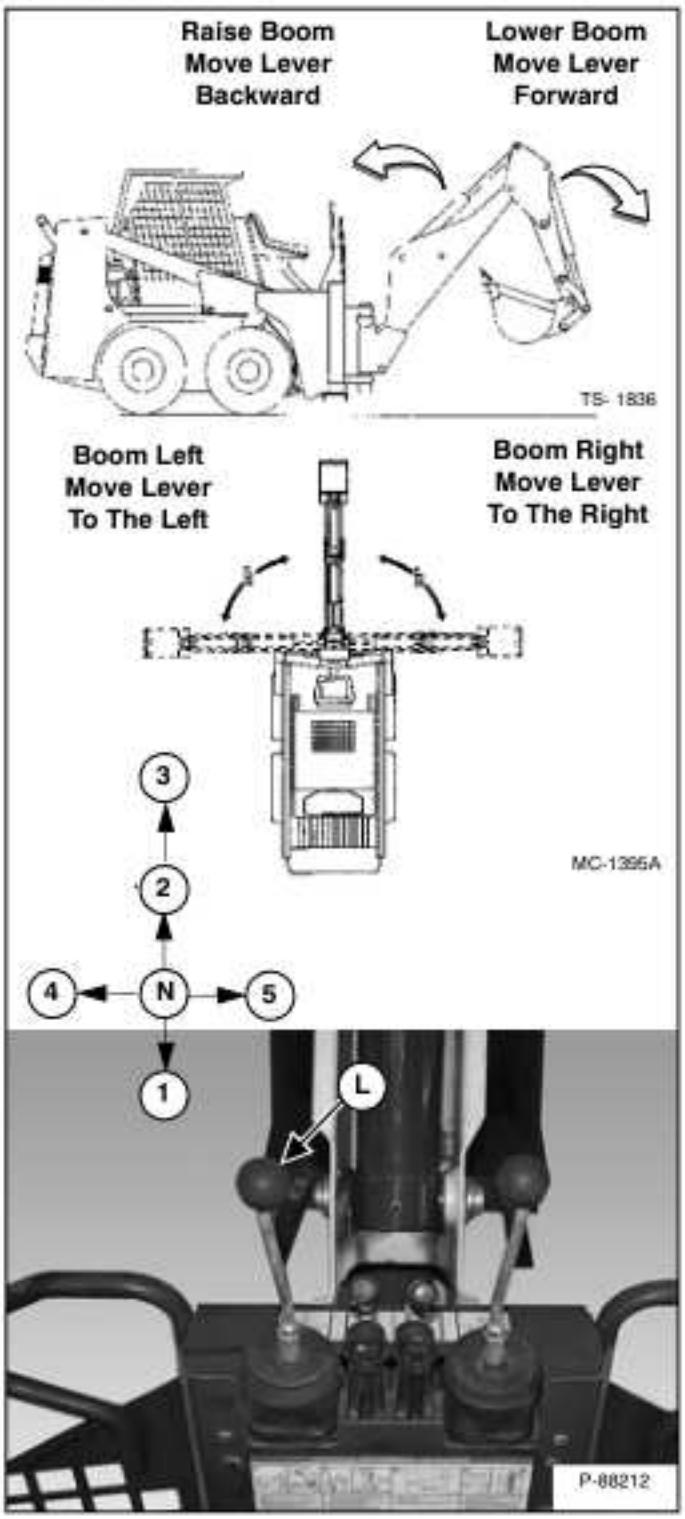
SERIAL NUMBER LOCATION VII
Attachment Serial Number. VII

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Operation With The Loader (Cont'd)

Boom / Swing Operation

Figure OI-63



Learn the function of the control levers before you start the engine to begin operation **[Figure OI-63]**.

⚠ 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 OI-63]** - 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.

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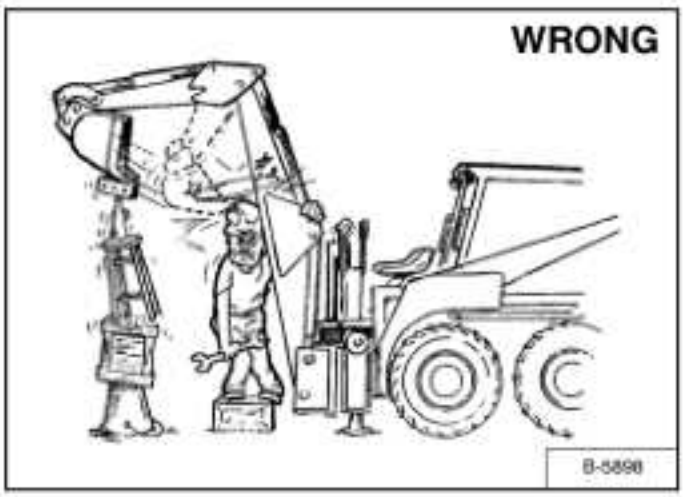
⚠ WARNING

AVOID INJURY OR DEATH

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

W-2178-0295

Figure PM-1



[Figure PM-1] 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.

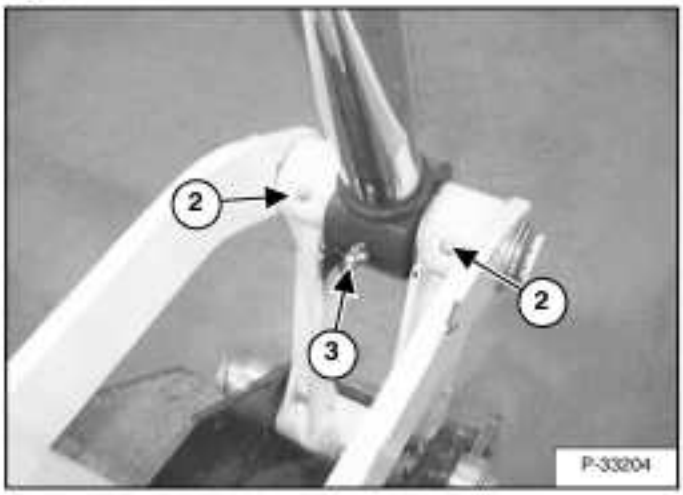
Figure PM-2



Item Description (# of Fittings)

1. Bucket Link (Lower) **[Figure PM-2]**.

Figure PM-3



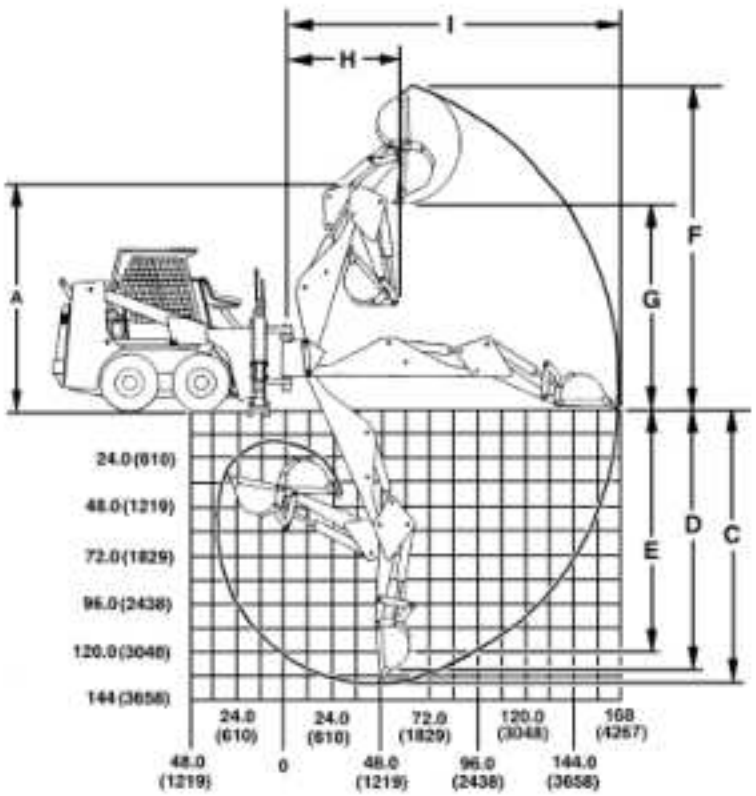
Item Description (# of Fittings)

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

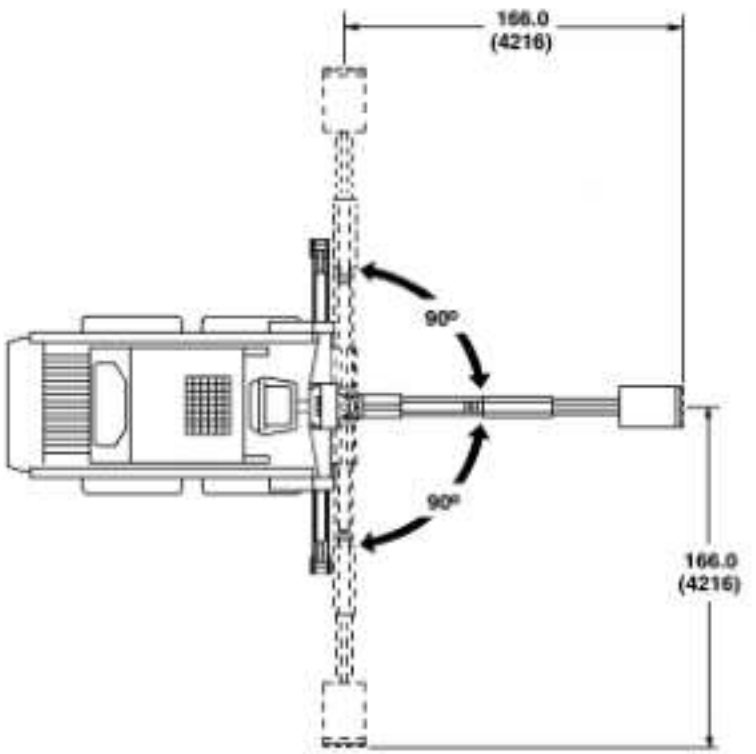
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Dimensions

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



MC-1446A



MC-1445A

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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 running the machine. Untrained operators can cause injury or death.

W-2001-1285

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-0208

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