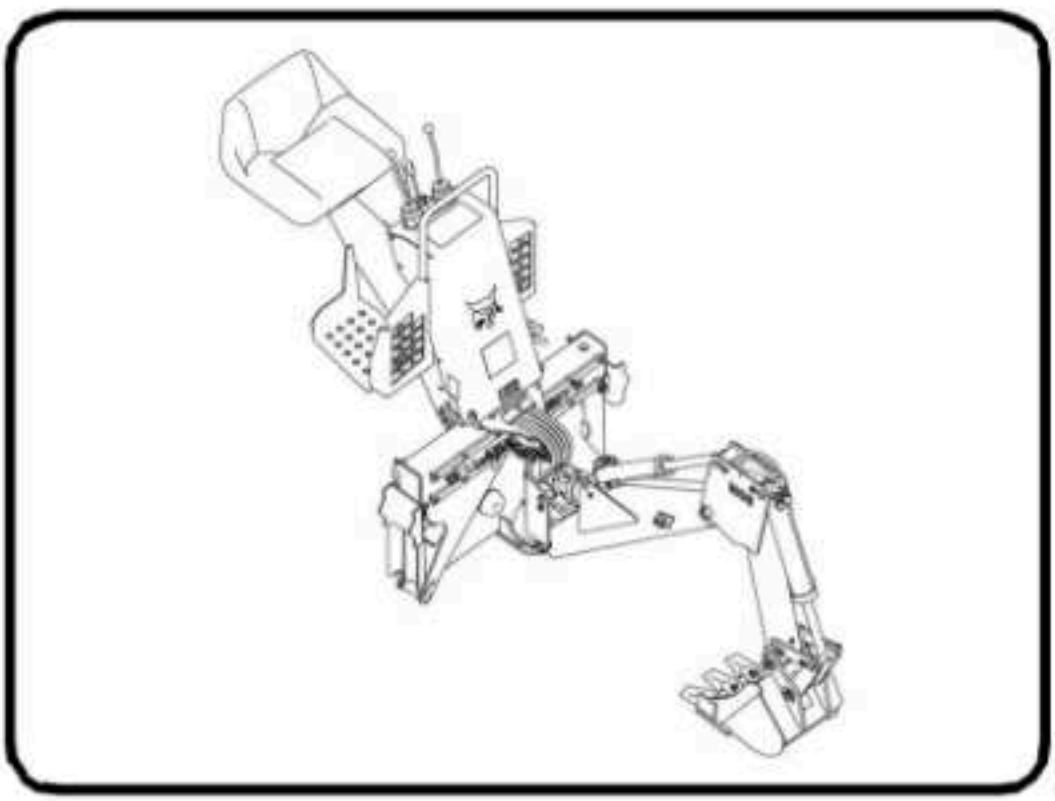
Bobcat®

Operation & Maintenance Manual
M06 Backhoe

S/N 631200101 & Above



6902861 (3-08) Revised (10-08) (4)

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CONTENTS

FOREWORD III

SAFETY & TRAINING RESOURCES IX

OPERATING INSTRUCTIONS OI-1

PREVENTIVE MAINTENANCE PM-1

MACHINE SIGN TRANSLATIONS MST-1

SPECIFICATIONS SPEC-1

WARRANTY WARRANTY-1

ALPHABETICAL INDEX INDEX-1

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
Dréve 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 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

DELIVERY REPORT. VII

IDENTIFICATION AND MACHINE SIGNS (DECALS) VIII

SERIAL NUMBER LOCATION VII
Attachment Serial Number Location VII

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Operation With The Mini Loader (Cont'd)

Operating Control Levers

Figure OI-35

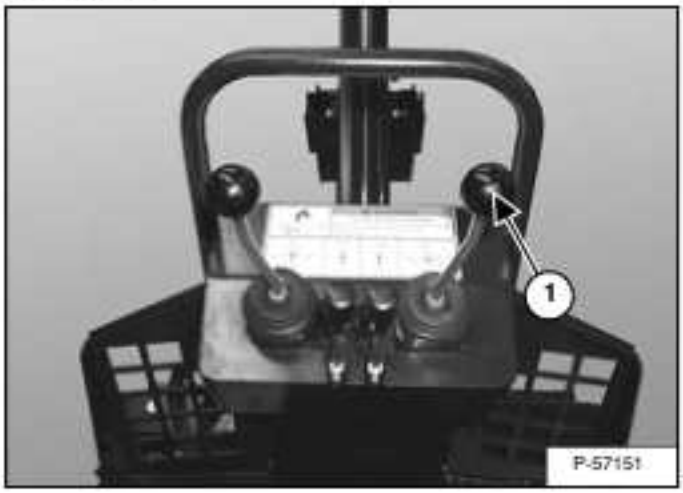
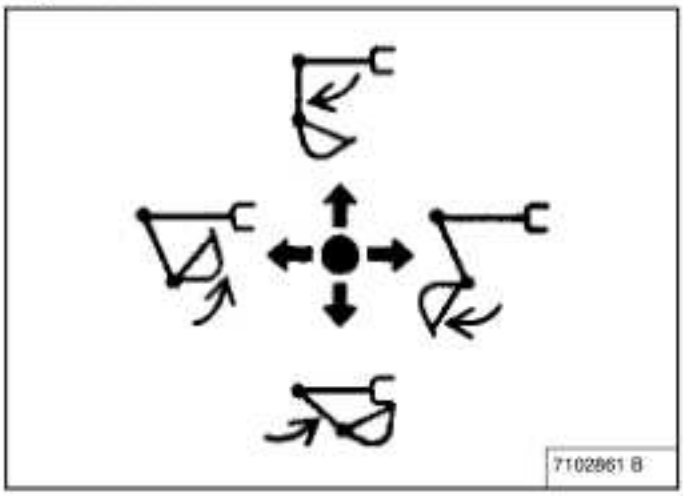
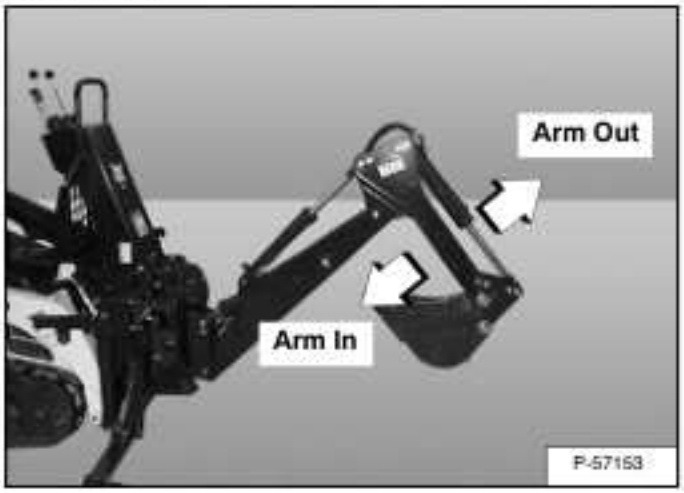


Figure OI-36



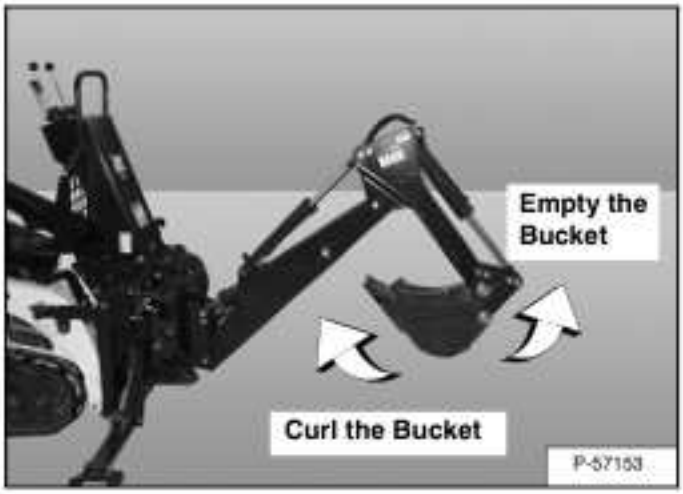
Arm and bucket control lever (Item 1) **[Figure OI-35]** & **[Figure OI-36]**.

Figure OI-37



To move the arm out **[Figure OI-37]**, push the lever (Item 1) **[Figure OI-35]** & **[Figure OI-36]** forward. To move the arm in **[Figure OI-37]**, pull the lever (Item 1) **[Figure OI-35]** & **[Figure OI-36]** backward.

Figure OI-38



To curl the bucket (fill the bucket) **[Figure OI-38]**, move the lever (Item 1) **[Figure OI-35]** & **[Figure OI-36]** to the left.

To empty the bucket **[Figure OI-38]**, move the lever (Item 1) **[Figure OI-35]** & **[Figure OI-36]** to the right.

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LUBRICATING THE ATTACHMENT

Lubrication Locations

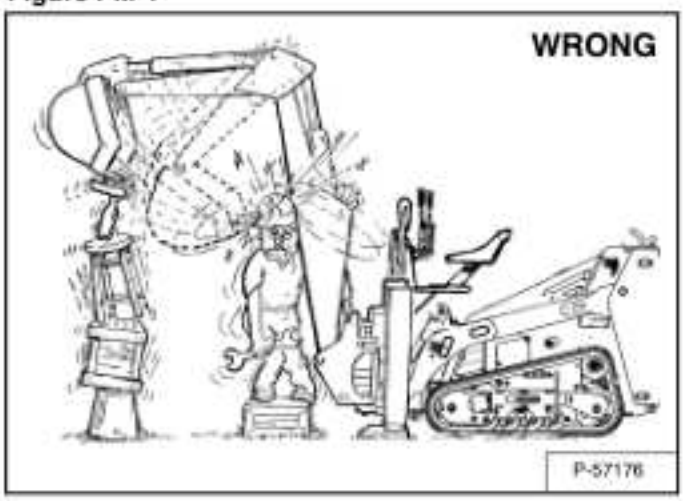
Always use a good quality lithium base multi purpose grease when lubricating the attachment. Apply lubricant until extra grease shows.

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

Figure PM-1



⚠ WARNING

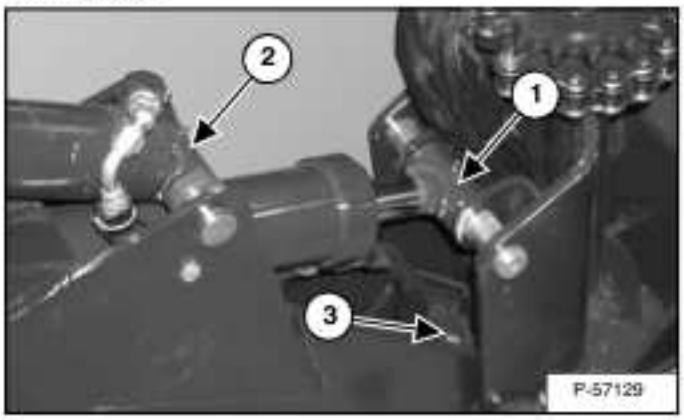
AVOID INJURY OR DEATH

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

W-2178-0295

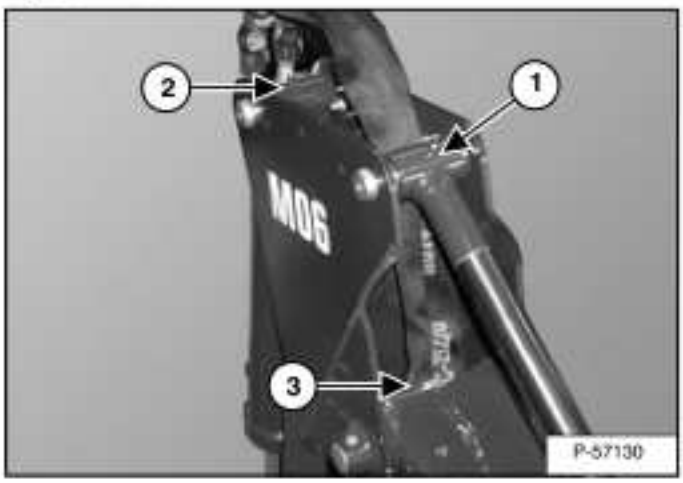
Lubricate the backhoe every 8 HOURS of operation:

Figure PM-2



Lubricate the rod end of the boom cylinder (Item 1) and the base end of the arm cylinder (Item 2) and the boom pivot (Item 3) **[Figure PM-2]**.

Figure PM-3



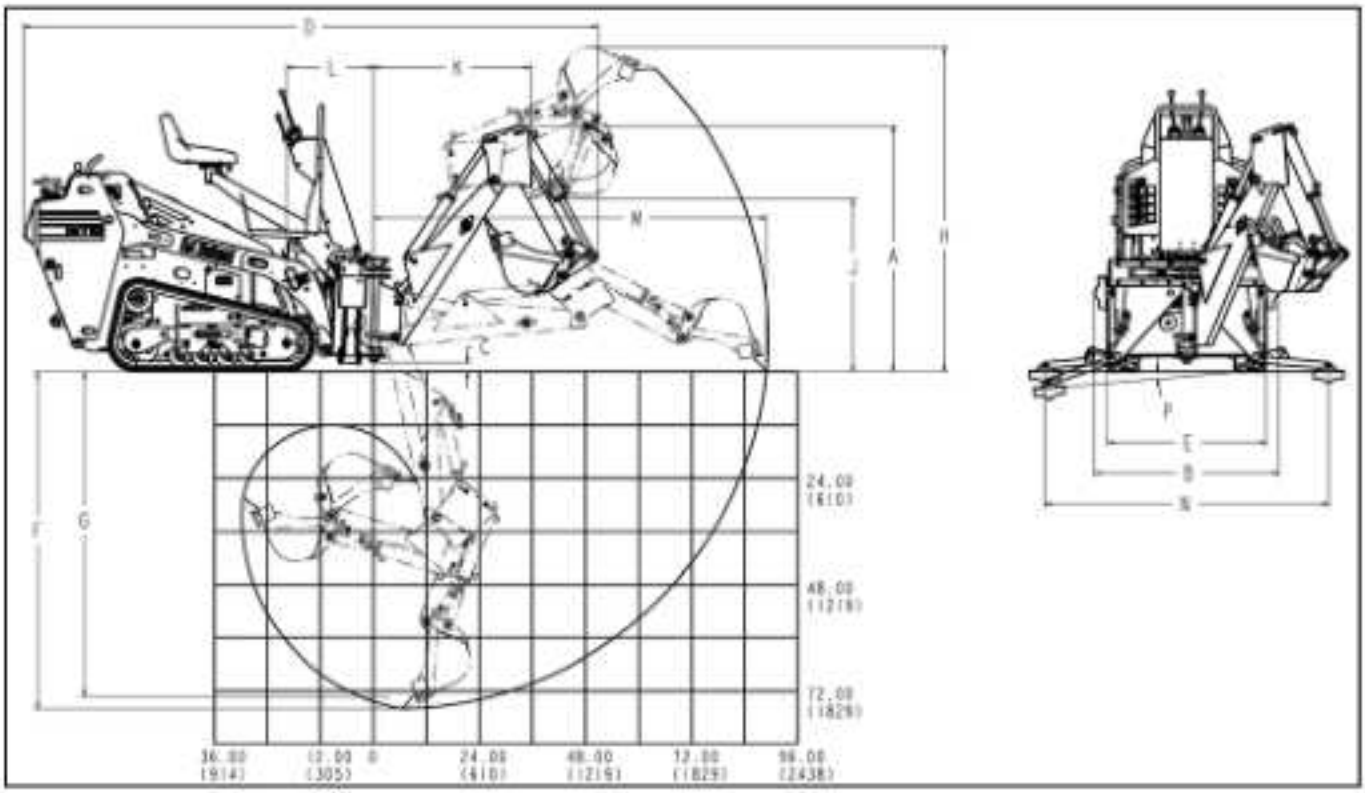
Lubricate the rod end of the arm cylinder (Item 1) and the base end of the bucket cylinder (Item 2) and the pivot pin (Item 3) **[Figure PM-3]**.

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M06 BACKHOE ATTACHMENT SPECIFICATIONS (CONT'D)

Dimensions

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



HYDRAULIC SPECIFICATIONS	
Relief Valve Setting (Backhoe)	1600 PSI (110,32 bar)
Digging Force Using Bucket Cylinder	2200 lb. (998 kg)
Digging Force Using Arm Cylinder	968 lb. (440 kg)

CYLINDERS	BORE DIA.	STROKE DIA.	ROD DIA.
Boom Cylinder	2.50 in. (63,5 mm)	16.13 in. (409,7 mm)	1.25 in. (31,8 mm)
Arm Cylinder	2.00 in.(50,8 mm)	11.88 in. (301,8 mm)	1.25 in. (31,8 mm)
Bucket Cylinder	2.50 in. (63,5 mm)	12.25 in. (311,2 mm)	1.25 in. (31,8 mm)
Swing Cylinder	2.00 in. (50,8 mm)	9.00 in. (228,6 mm)	1.25 in. (31,8 mm)
Stabilizer Cylinder	2.00 in. (50,8 mm)	8.00 in. (203,2 mm)	1.25 in. (31,8 mm)

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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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