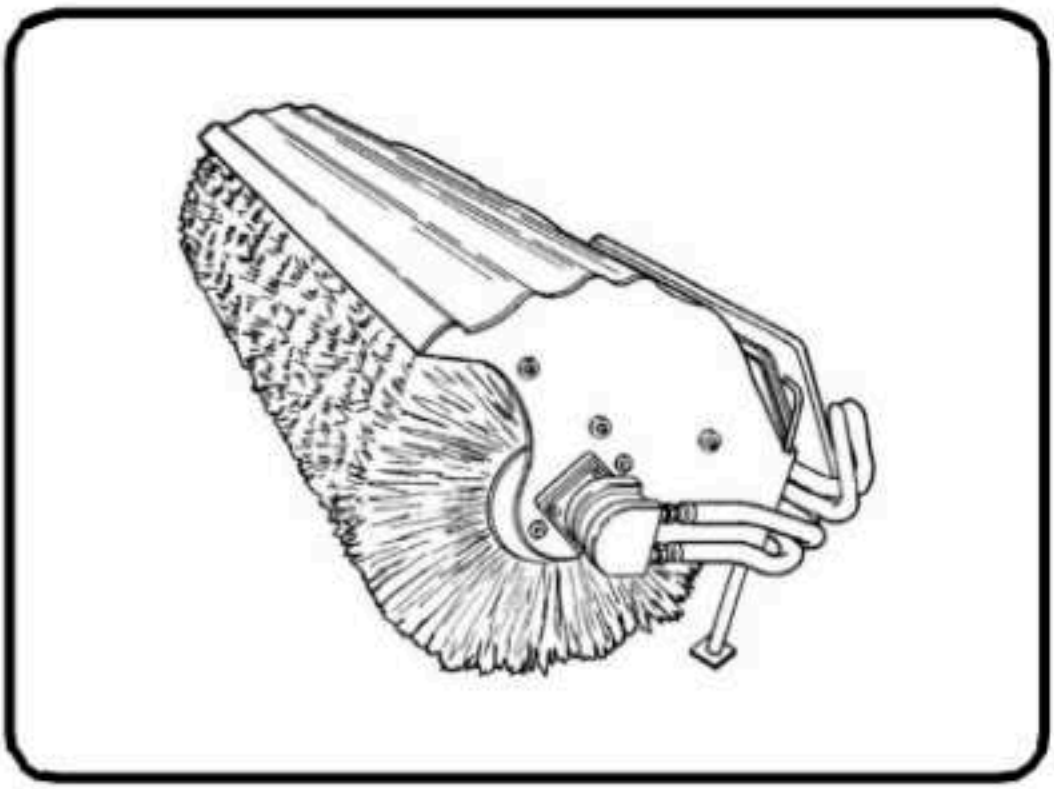
Bobcat®

Operation & Maintenance Manual
Angle Broom

(68 Angle Broom) S/N 231311101 & Above
(84 Angle Broom) S/N 231411101 & Above



6900597 (1-11) Revised (3-11) (9)

Printed in U.S.A.

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REFERENCE INFORMATION

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

Angle Broom 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 angle broom. READ AND UNDERSTAND THIS OPERATION & MAINTENANCE MANUAL BEFORE OPERATING YOUR BOBCAT ANGLE BROOM. If you have any questions, see your Bobcat dealer. This manual may illustrate options and accessories not installed on your Bobcat angle broom.

BOBCAT COMPANY IS ISO 9001 CERTIFIED 5

SERIAL NUMBER LOCATION 7
Attachment Serial Number 7

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Installation (Cont'd)

Hand Lever Bob-Tach (Cont'd)

⚠ WARNING

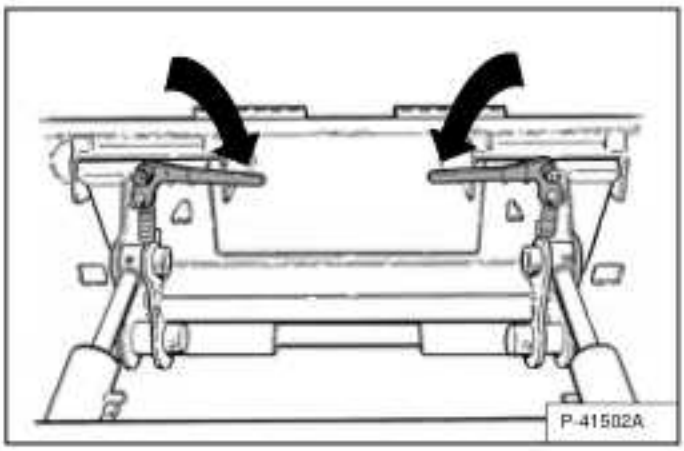
Before you leave the operator's position:

- **Put the travel Direction Control Lever and the Joystick in neutral.**
- **Engage the parking brake.**
- **Retract and lower the boom and attachment flat on the ground.**
- **Stop the engine. Raise the restraint bar (if equipped).**

SEE THE MACHINE OPERATION & MAINTENANCE MANUAL FOR MORE INFORMATION.

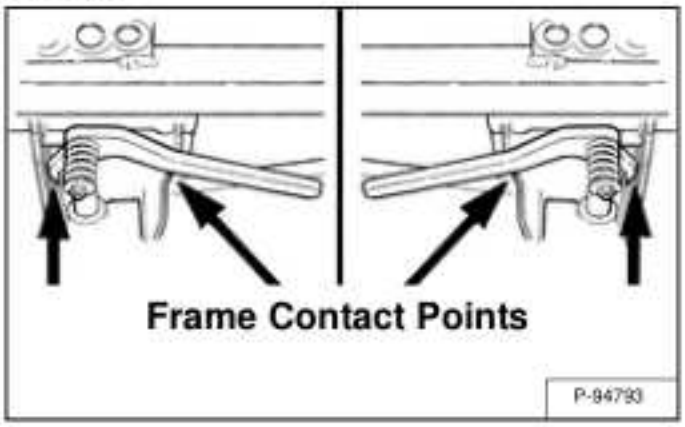
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Figure 71



Push down on the Bob-Tach levers until they are fully engaged in the locked position **[Figure 71]** (wedges fully extended through the attachment mounting frame holes).

Figure 72



Both levers must contact the frame as shown when locked **[Figure 72]**.

If both levers do not engage in the locked position, see your Bobcat dealer for maintenance.

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LUBRICATING THE ATTACHMENT

Lubrication Locations

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

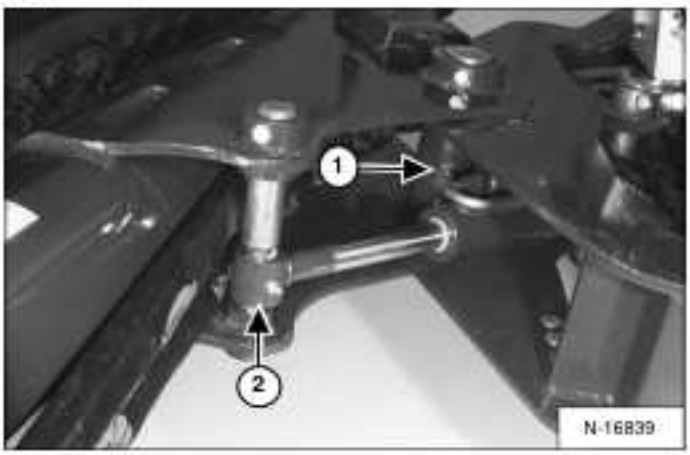
IMPORTANT

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

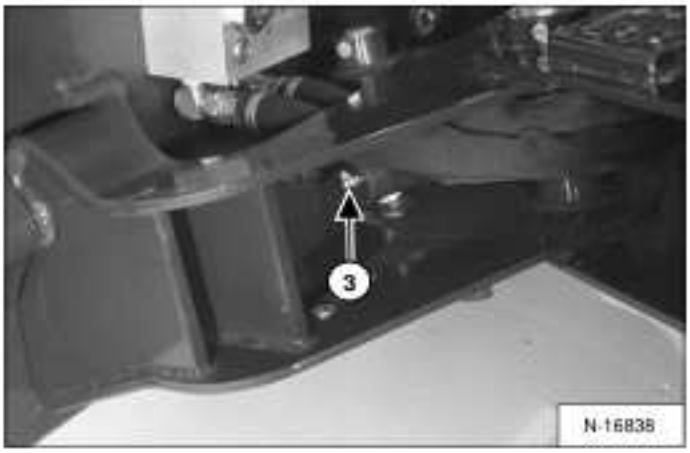
Lubricate the following grease fittings **EVERY 20 HOURS:**

Figure 128



1. Broom Pivot **[Figure 128]**.
2. Cylinder Rod End **[Figure 128]**.

Figure 129



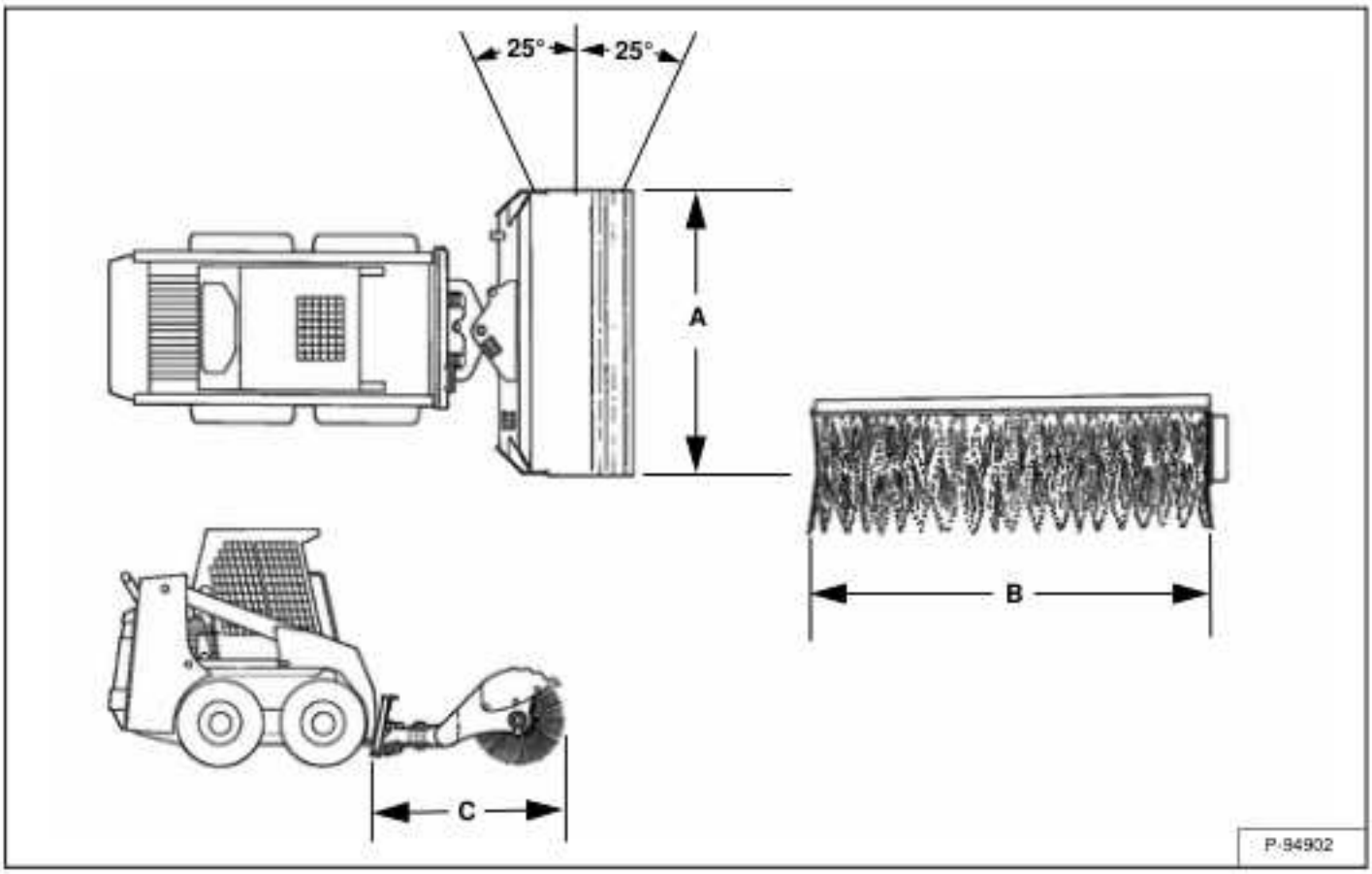
3. Cylinder Base End **[Figure 129]**.

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(68 ANGLE BROOM, 84 ANGLE BROOM) ANGLE BROOM SPECIFICATIONS

Dimensions

- Dimensions are given for loader equipped with standard tires. Dimensions may vary with other type. 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	68 ANGLE BROOM	84 ANGLE BROOM
Overall Attachment Width (A)	2022 mm (79.62 in)	2448 mm (96.37 in)
Sweep Width Straight (B)	1727 mm (68.0 in)	2134 mm (84.0 in)
Overall Attachment Length (C)	1678 mm (66.06 in)	1678 mm (66.06 in)
Sweep Width Fully Angled (25° right or left)	1600 mm (63.0 in)	1934 mm (76.0 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-0509

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