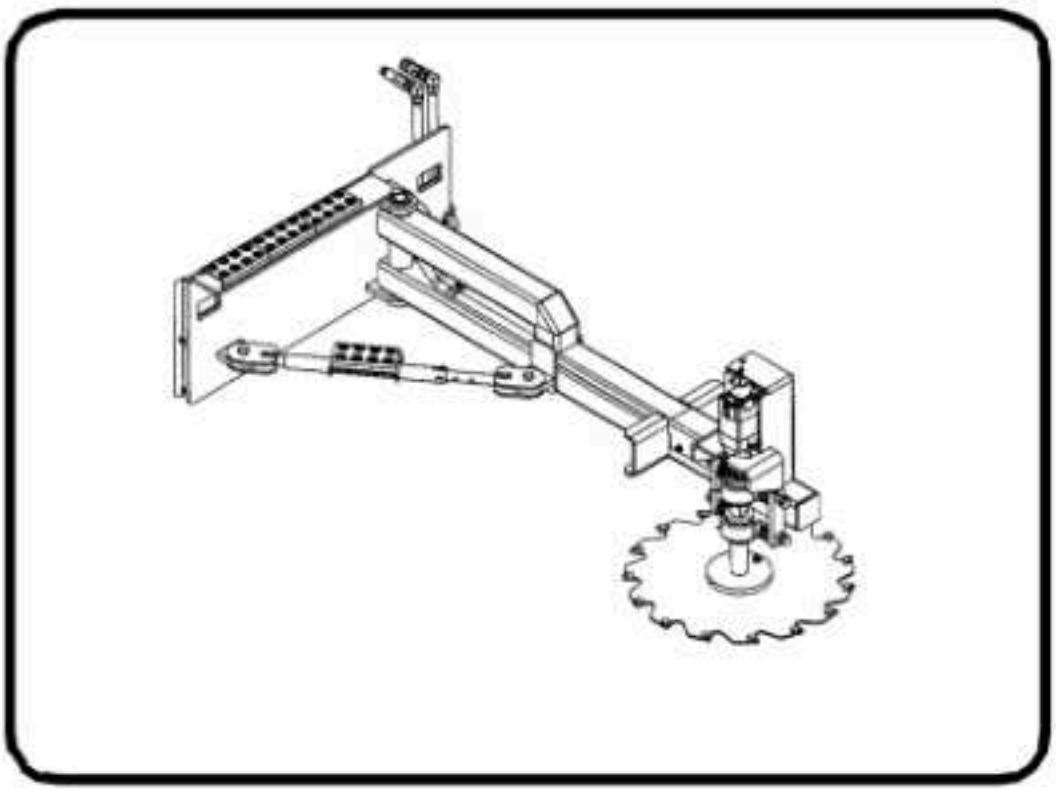
Bobcat®

Operation & Maintenance Manual
Brush Saw

(Brush Saw) S/N A13P00101 & Above



6904202 (1-11) Revised (3-11) (6)

Printed in U.S.A.

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REFERENCE INFORMATION

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

Brush Saw 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 brush saw. READ AND UNDERSTAND THIS OPERATION & MAINTENANCE MANUAL BEFORE OPERATING YOUR BOBCAT BRUSH SAW. If you have any questions, see your Bobcat dealer.

BOBCAT COMPANY IS IS0 9001 CERTIFIED 7

SERIAL NUMBER LOCATION 9
Attachment Serial Number 9

DELIVERY REPORT 9

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OPERATING PROCEDURE WITH LOADERS (CONT'D)

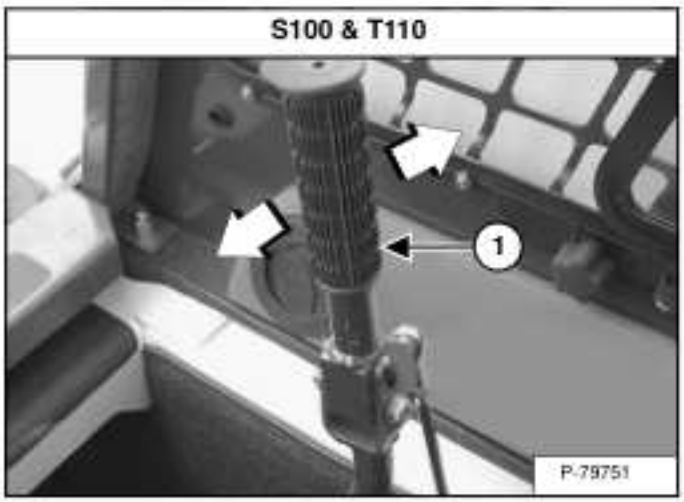
Control Functions

NOTE: Attachment is NOT approved for operation in high flow mode or with loaders equipped with optional high flow hydraulics. Attachment damage may occur if operated in high flow mode. For recommended hydraulic flow range (See Performance on Page 71.)

Enter the loader and close the door. (See Entering And Exiting The Loader on Page 31.) Start the engine and release the parking brake.

Manual Auxiliary Hydraulic Controls

Figure 45



NOTE: Remove the hydraulic control lockout bolt from the right control lever before using the auxiliary control for the first time. See the loader's Operation & Maintenance Manual for correct procedure.

To start the disc rotation, move the right steering lever handle (Item 1) **[Figure 45]** to the right.

For continuous forward rotation, move the right steering handle (Item 1) **[Figure 45]** fully to the right.

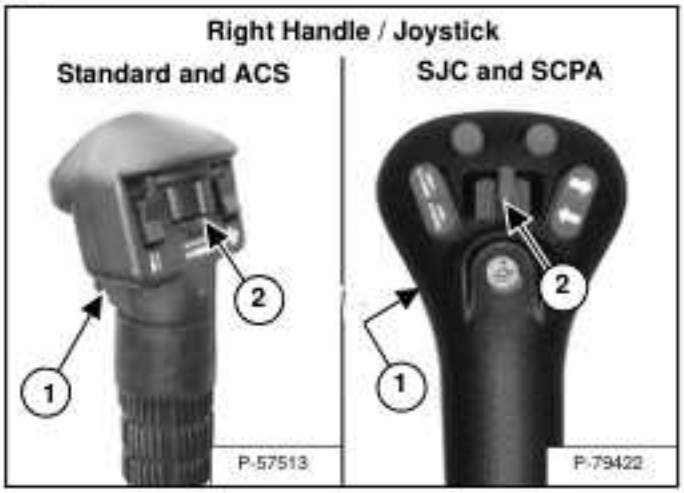
To stop the disc rotation, move the right steering lever handle (Item 1) **[Figure 45]** to the center position.

Electric Auxiliary Hydraulic Controls

Engage the auxiliary hydraulics. (See the loader's Operation & Maintenance Manual and Operator's Handbook for correct procedure.)

NOTE: Auxiliary hydraulics must be activated prior to attachment operation.

Figure 46



Press the switch (Item 1) **[Figure 46]** on the right steering lever or joystick to start disc rotation. Press the switch a second time to stop disc rotation.

Moving the center paddle switch (Item 2) **[Figure 46]** to the right also rotates the disc forward.

IMPORTANT

- **Operate auxiliary hydraulics on STANDARD flow only.**
- **Never exceed 91 L/min (24 U.S. gpm) auxiliary hydraulic flow. Hydraulic flow higher than recommended will cause attachment damage.**

I-2216-0910

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LUBRICATING THE ATTACHMENT

Lubrication Locations

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

IMPORTANT

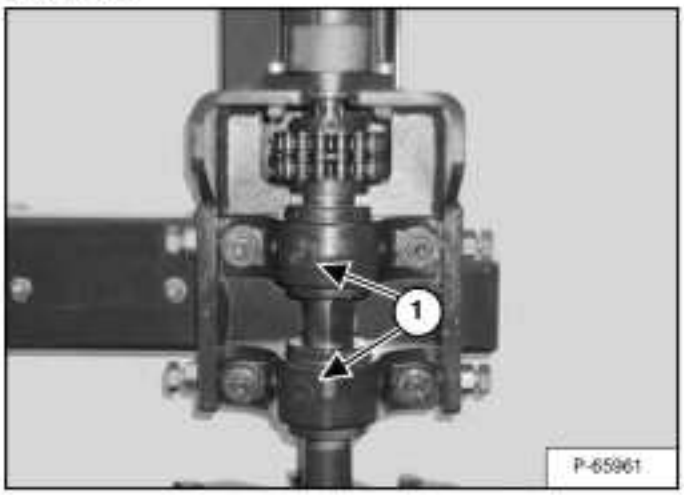
Fluid such as engine oil, hydraulic fluid, coolants, grease, etc. must be disposed of in an environmentally safe manner. Some regulations require that certain spills and leaks on the ground must be cleaned in a specific manner. See local, state and federal regulations for the correct disposal.

I-2067-0499

Lubricate the two grease fittings on the brush saw **every 10 hours** of operation.

Lubricate the following locations:

Figure 63



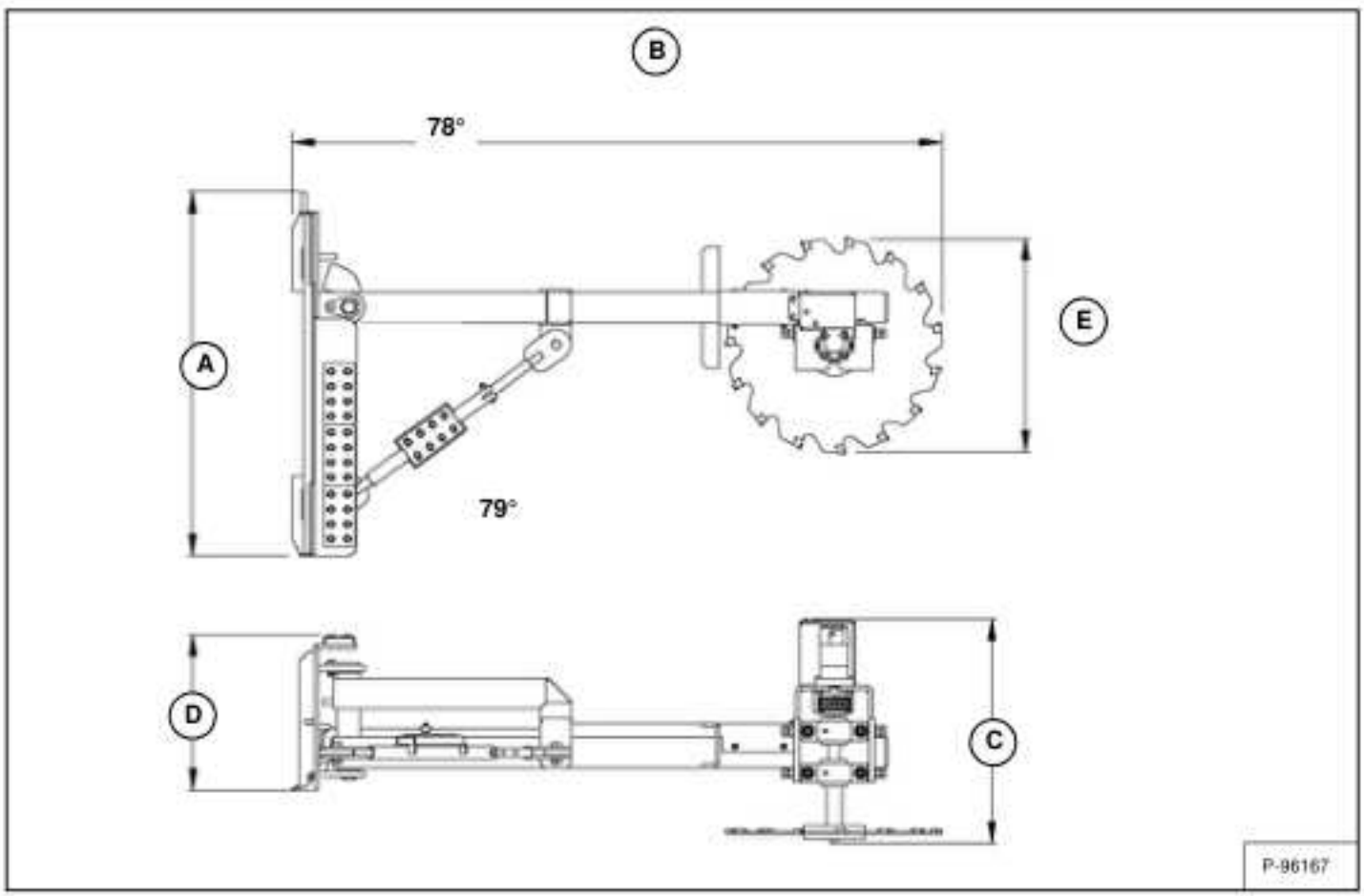
Disc shaft (Item 1) **[Figure 63]**

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BRUSH SAW 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.



Width (A)	1148,1 mm (45.20 in)
Length (B)	2158 mm (84.95 in)
Height @ mount (C)	748 mm (29.46 in)
Height @ motor (D)	518 mm (20.39 in)
Disc Diameter (E)	648 mm (25.4 in)

Performance

Weight	268 kg (590 lb)
Spindle Type	Ball Bearing
Flow Ranges	56,8 - 91 L/min (15 - 24 U.S. gpm)
Disc rpm @ 91 L/min (24 gpm)	436 rpm
Tip Speed - Cutting Teeth @ 91 L/min (24 U.S. gpm)	1000 m/min (3256 ft/min)
Number of Cutting Teeth	15
Motor Displacement	11.9 in 3 / Rev

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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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