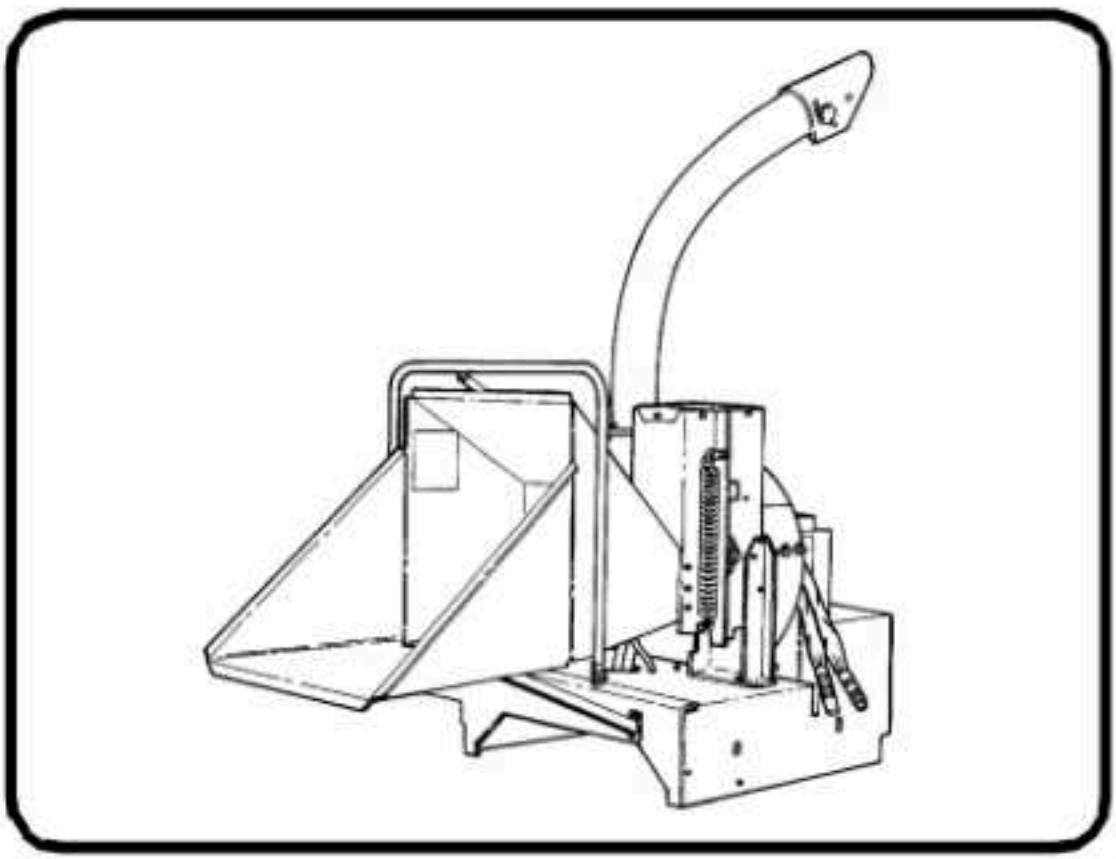
Bobcat®

Operation & Maintenance Manual
Bobcat Chipper

(WC-5A) S/N 912900101 & Above
(WC-8A) S/N 739500101 & Above



6900781 (1-11) Revised (3-11) (7)

Printed in U.S.A.

© Bobcat Company 2011

MidWestTech | Bobcat WC-5A, WC-8A Chipper Operation & Maintenance Manual | Publica... Order the manual at mid-west-tech.com >

CONTENTS

FOREWORD 3

SAFETY & TRAINING RESOURCES 11

OPERATING INSTRUCTIONS 21

PREVENTIVE MAINTENANCE 89

MACHINE SIGN TRANSLATIONS 101

SPECIFICATIONS 119

WARRANTY 123

ALPHABETICAL INDEX 127

REFERENCE INFORMATION

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

Chipper 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

MidWestTech | Bobcat WC-5A, WC-8A Chipper Operation & Maintenance Manual | Publica... Order the manual at mid-west-tech.com >

FOREWORD

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

BOBCAT COMPANY IS IS0 9001 CERTIFIED 5

SERIAL NUMBER LOCATION 7
Attachment Serial Number 7

DELIVERY REPORT 7

MANUAL STORAGE LOCATION 7

ATTACHMENT IDENTIFICATION 8

FEATURES AND ACCESSORIES 9
Standard Items 9

MidWestTech | Bobcat WC-5A, WC-8A Chipper Operation & Maintenance Manual | Publica... Order the manual at mid-west-tech.com >

OPERATING PROCEDURE WITH LOADERS (CONT'D)

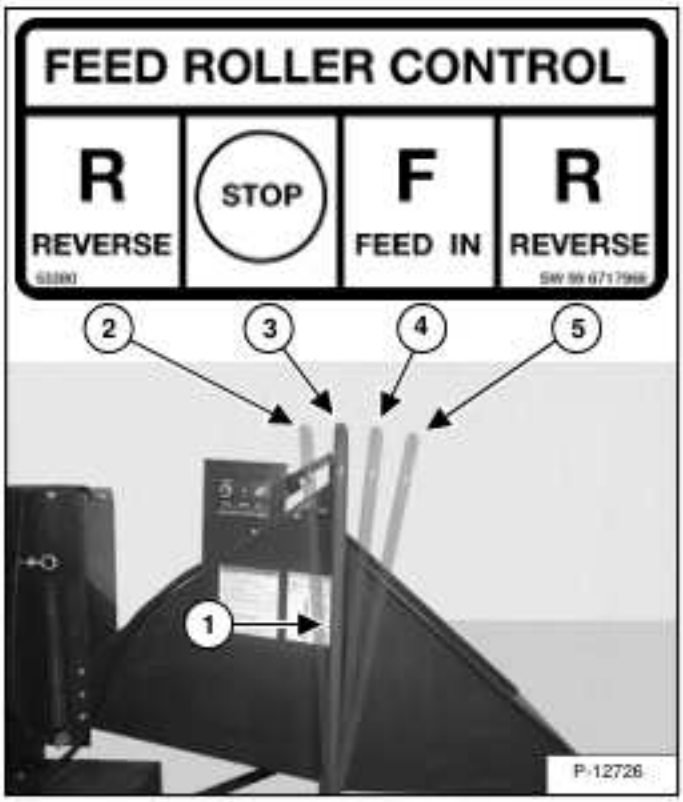
Operation With The Loader (Cont'd)

Chipper Operation

Set the chipper up for operation. (See Getting Ready For Operation on page 44.)

Allow only trained personnel to operate the chipper.

Figure 68



The feed roller control (Item 1) **[Figure 68]** has four positions:

REVERSE (Item 2) **[Figure 68]**: Reverses the direction of the feed roller. Use reverse to unplug the feed roller.

STOP (Item 3) **[Figure 68]**: Stops the feed roller.

FORWARD (Item 4) **[Figure 68]**: Feeds brush into the chipper.

REVERSE (Item 5) **[Figure 68]**: Reverses the direction of the feed roller. Use reverse to unplug the feed roller.

Move the feed roller control (Item 1) **[Figure 68]** to the STOP position.

Start the loader engine and engage the chipper. (See Starting The Chipper on page 47.)

MidWestTech | Bobcat WC-5A, WC-8A Chipper Operation & Maintenance Manual | Publica... Order the manual at mid-west-tech.com >

LUBRICATING THE ATTACHMENT

Lubrication Locations

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

⚠ WARNING

AVOID INJURY OR DEATH

Wear safety glasses to prevent eye injury when any of the following conditions exist:

- **When fluids are under pressure.**
- **Flying debris or loose material is present.**
- **Engine is running.**
- **Tools are being used.**

W-2019-0907

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 five areas with grease. **EVERY 50 HOURS:**

Figure 152

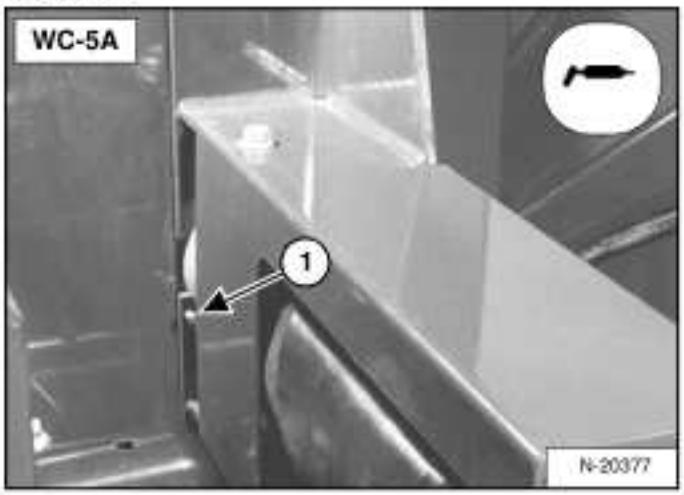
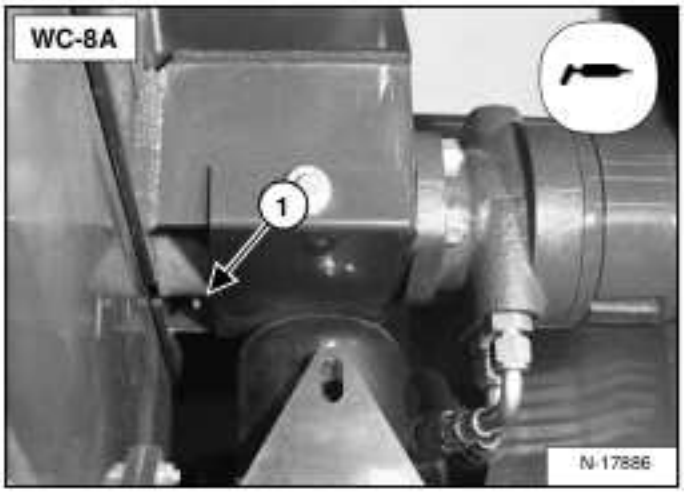


Figure 153

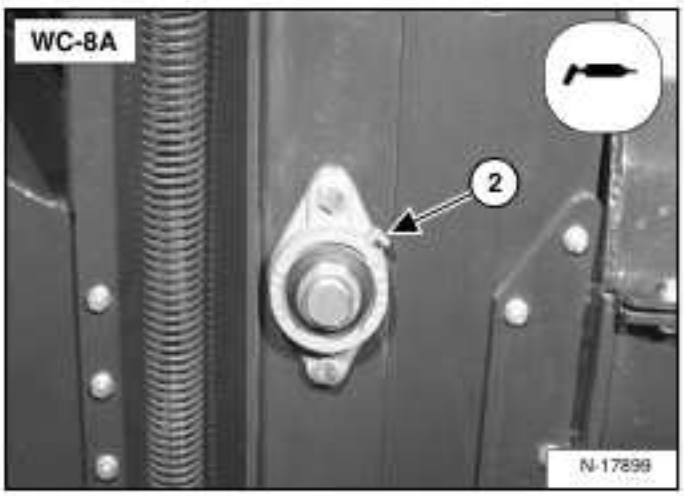


1. Feed Roller Bearing **[Figure 152]** and **[Figure 153]**.

Figure 154



Figure 155



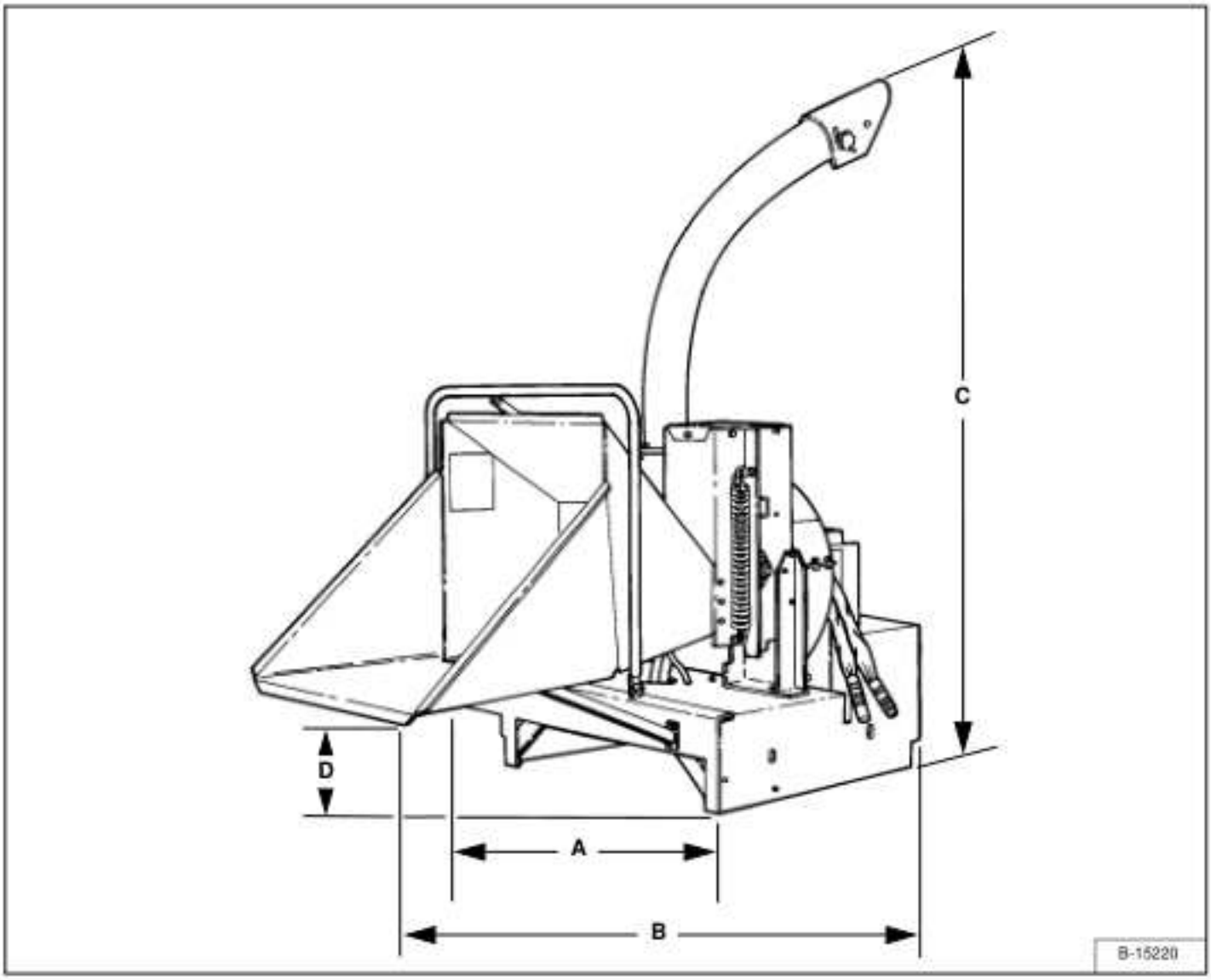
2. Feed Roller Bearing **[Figure 154]** and **[Figure 155]**.

MidWestTech | Bobcat WC-5A, WC-8A Chipper Operation & Maintenance Manual | Publica... Order the manual at mid-west-tech.com >

(WC-5A & WC-8A) CHIPPER 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.



DESCRIPTION	WC-5A	WC-8A
Width (**A**)	1219 mm (48 in)	1549,4 mm (61 in)
Length (With Feed Table Open) (**B**)	2598 mm (102.3 in)	2616 mm (103 in)
Height (**C**)	2337 mm (92 in)	2370 mm (93.3 in)
Feed Table Height (**D**)	594 mm (23.4 in)	597 mm (23.5 in)

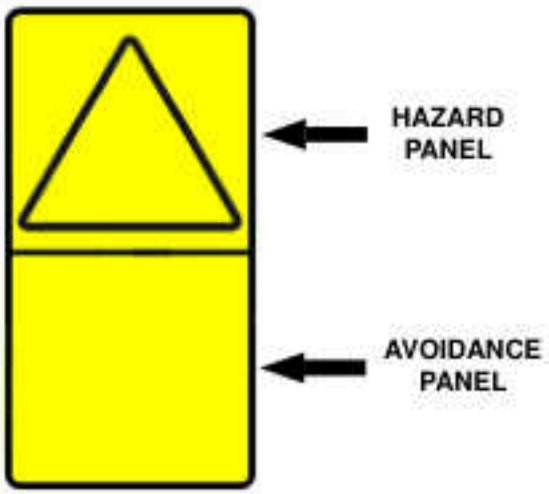
MidWestTech | Bobcat WC-5A, WC-8A Chipper Operation & Maintenance Manual | Publica... Order the manual at mid-west-tech.com >

ATTACHMENT SIGNS (DECALS) (CONT'D)

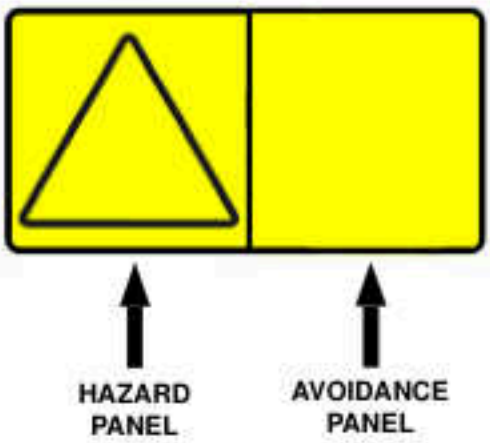
No-Text Safety Signs

Safety signs are used to alert the equipment operator or maintenance person to hazards that may be encountered in the use and maintenance of the equipment. The location and description of the safety signs are detailed in this section. Please become familiarized with all safety signs installed on the machine / attachment.

Vertical Configuration



Horizontal Configuration



The format consists of the hazard panel(s) and the avoidance panel(s):

Hazard panels depict a potential hazard enclosed in a safety alert triangle.

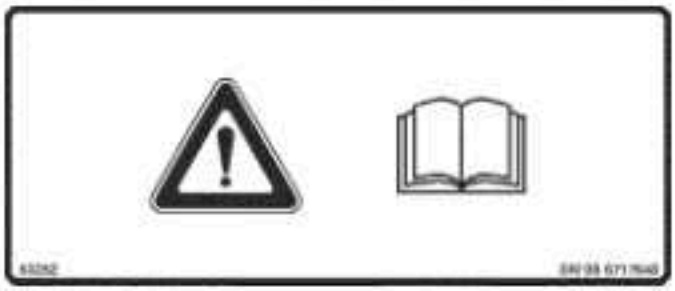
Avoidance panels depict actions required to avoid the hazards.

A safety sign may contain more than one hazard panel and more than one avoidance panel.

NOTE: See the numbered ATTACHMENT SIGNS (DECALS) on Page 18 for the location of each correspondingly numbered no-text decal.

1. Read Manual (6717648)

This safety sign is located on the Chipper.



⚠ WARNING

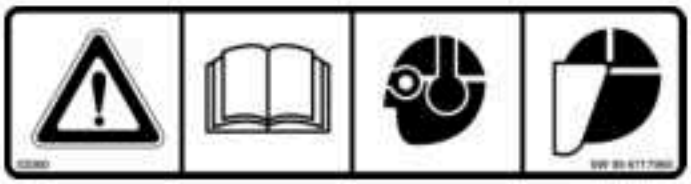
AVOID INJURY OR DEATH

Never use the attachment without instructions. Read the Operation & Maintenance Manual.

W-2850-0410

2. Personal Protection Equipment Warning (6717965)

This safety sign is located on the Chipper.



⚠ WARNING

AVOID INJURY OR DEATH

Wear appropriate eye, hearing and face protection. Wear tight fitting clothing and work gloves when operating the chipper.

W-2341-1298

MidWestTech | Bobcat WC-5A, WC-8A Chipper Operation & Maintenance Manual | Publica... Order the manual at mid-west-tech.com >

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

MidWestTech | Bobcat WC-5A, WC-8A Chipper Operation & Maintenance Manual | Publica... Order the manual at mid-west-tech.com >