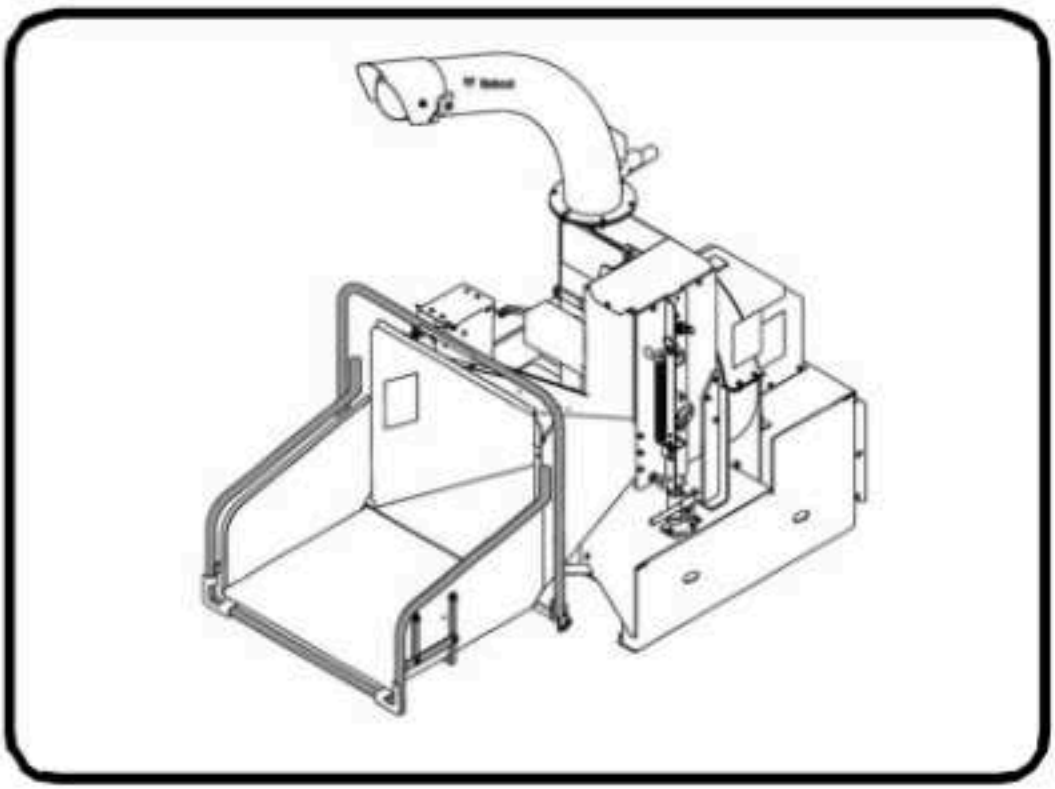
Bobcat®

Operation & Maintenance Manual
WC-8B Chipper

(WC-8B) S/N A02B00101 & Above



6904884 (8-07) Revised (9-07) (6)

Printed in U.S.A.

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REFERENCE INFORMATION

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

Chipper Serial Number _____

NOTES:

_____

_____

_____

YOUR BOBCAT® DEALER:

ADDRESS:

_____

PHONE:

_____

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

Bobcat Company Europe
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 Chipper. READ AND UNDERSTAND THIS OPERATION & MAINTENANCE MANUAL BEFORE OPERATING YOUR Chipper. If you have any questions, see your Bobcat dealer.

BOBCAT COMPANY IS ISO 9001:2000 CERTIFIED V

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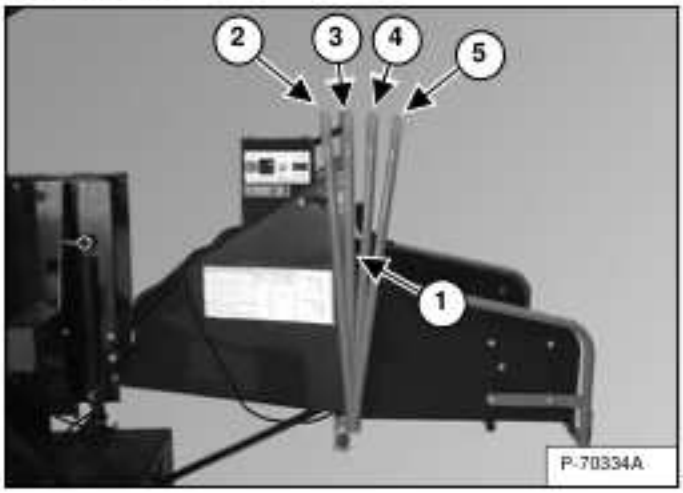
SERIAL NUMBER LOCATION VI

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Operation With The Utility Work Machine (Cont'd)

Feed Roller Control

Figure OI-104



The feed roller control (Item 1) **[Figure OI-104]** has four positions:

REVERSE (Item 2) **[Figure OI-104]**: Reverses the direction of the feed roller. Use reverse to unplug the feed roller.

STOP (Item 3) **[Figure OI-104]**: Stops the feed roller.

FORWARD (Item 4) **[Figure OI-104]**: Feeds brush into the chipper.

REVERSE (Item 5) **[Figure OI-104]**: Reverses the direction of the feed roller. Use reverse to unplug the feed roller.

Move the feed roller control (Item 1) **[Figure OI-104]** to the STOP position.

Start the loader engine and engage the chipper. (See Starting The Chipper on page OI-38.)

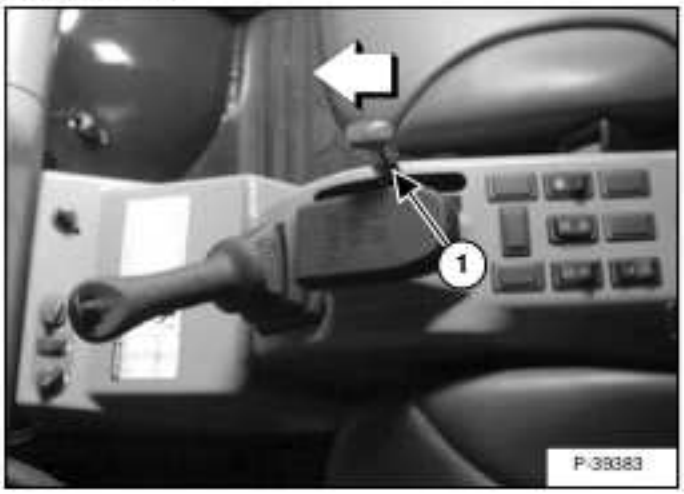
⚠ WARNING

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

Figure OI-105



Move the loader engine speed control lever (Item 1) **[Figure OI-105]** to the high engine RPM position.

Allow the chipper a few moments to build up to operating speed.

The chipper is most effective when 5 inch (127 mm) diameter or smaller material is chipped. The chipper can chip material up to 8 inches (203 mm) in diameter.

If chipping dry branches, alternate using green (fresh cut) branches to lubricate the chipper blades. This will provide a longer service life and reduce the frequency of sharpening the blades.

Check brush and branches for and remove any metal objects, rocks, bottles, cans and other foreign objects.

Feed brush into the chipper from the curb side or from the ditch side when working near roadways.

Provide ample room for the operator.

Never climb up on or ride on the feed table or chute.

If working along a road, use the required equipment for diverting the traffic flow. Follow applicable laws and regulations.

Keep all bystanders away from the chipper and discharge area while the chipper is being operated.

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LUBRICATING THE CHIPPER

Lubrication Locations

IMPORTANT

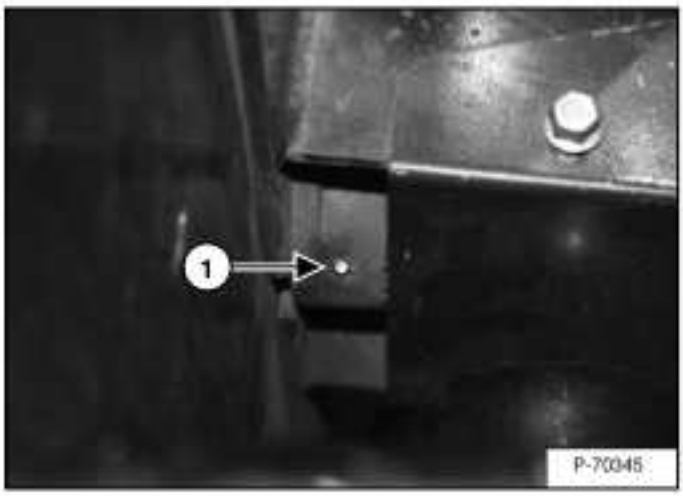
Fluid such as engine oil, hydraulic fluid, coolants, grease, etc. must be disposed of in an environmentally safe manner. Some regulations require that certain spills and leaks on the ground must be cleaned in a specific manner. See local, state and federal regulations for the correct disposal.

I-2067-0499

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

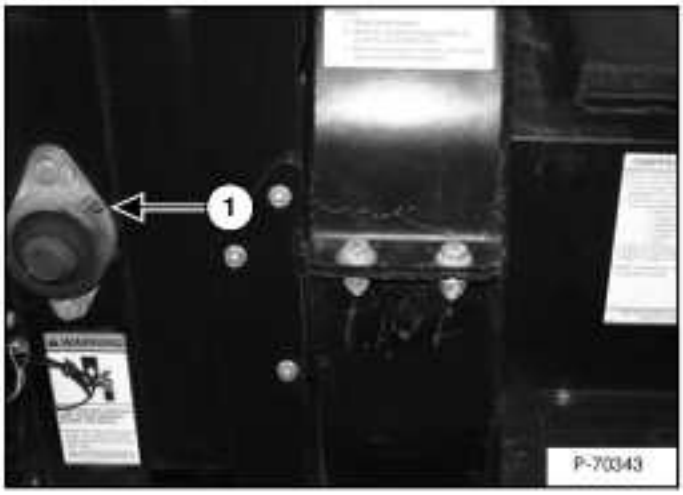
Lubricate the following five areas with grease. **EVERY 50 HOURS:**

Figure PM-1



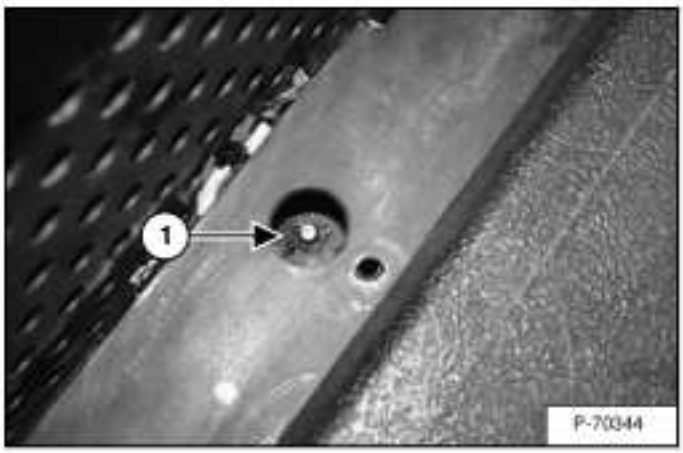
Feed roller bearing (Item 1) **[Figure PM-1]**.

Figure PM-2



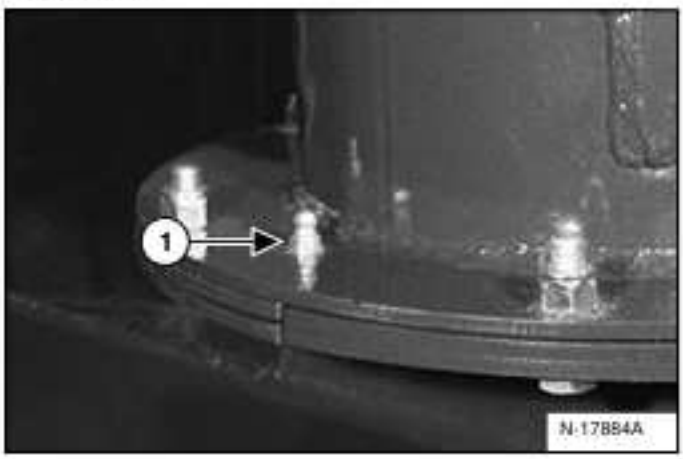
Feed roller bearing (Item 1) **[Figure PM-2]** both sides.

Figure PM-3



Shaft (Item 1) **[Figure PM-3]**.

Figure PM-4



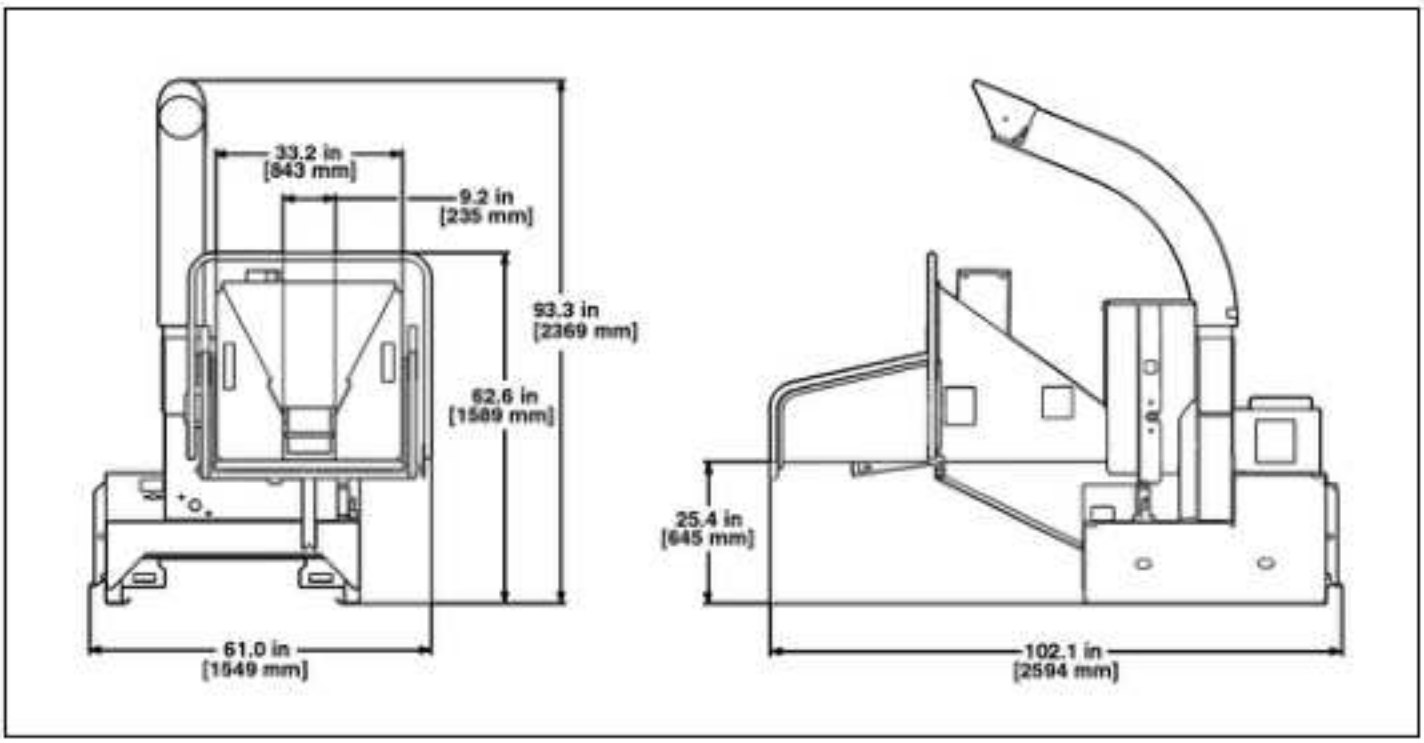
Chute (Item 1) **[Figure PM-4]**.

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SPECIFICATIONS

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.



DESCRIPTION	WC-8B CHIPPER
Chipping Capacity	8.0 in. (203 mm)
Weight	1660 lb. (753 kg)
Hydraulic Flow Range	26-40 GPM (98-151 LPM)
Maximum Hydraulic Pressure	3300 PSI (225 bar)
Maximum Chipper Disk Speed	2025 RPM
Maximum Feed Roller Speed	55 RPM
Feed Rate	0-218 FPM (0-66 mph)

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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

WARNING

Warnings on the machine and in the manuals are for your safety. Failure to obey warnings can cause injury or death.

W-2044-1285

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.

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 *USE SAFETY RULES* Section of this manual.
- Wear tight fitting clothing. Always wear safety glasses when doing maintenance or service. Safety glasses, 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-0805

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