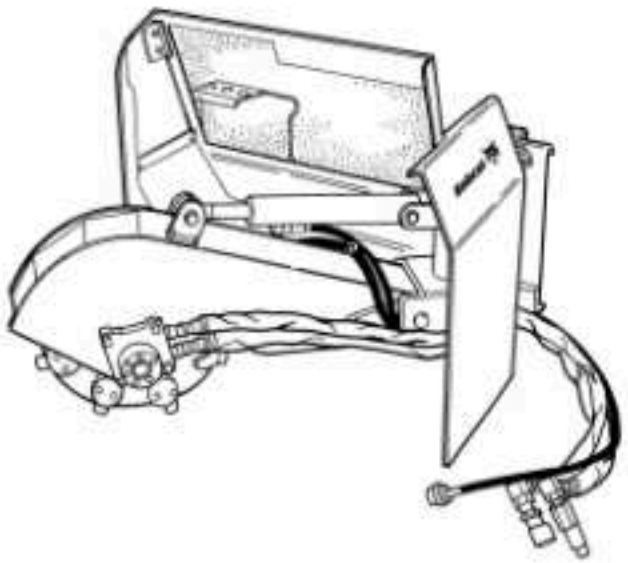
Stump Grinder SG30

Bobcat®

Operation & Maintenance Manual

S/N 005600101 & Above



An Ingersoll Rand business

6902662 (11-03) Revised (12-05) (2)

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CONTENTS

FOREWORD III

SAFETY IX

OPERATING INSTRUCTIONS OI-1

PREVENTIVE MAINTENANCE PM-1

SPECIFICATIONS SPEC-1

FOREWORD

SAFETY

OPERATING INSTRUCTIONS

PREVENTIVE MAINTENANCE

SPECIFICATIONS

REFERENCE INFORMATION

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

Stump Grinder
Serial Number _____

NOTES _____

YOUR BOBCAT DEALER:

_____

ADDRESS:

_____

PHONE:

_____

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

Bobcat Company Europe
J. Huysmanslaan 59
B-1651 LOT
Belgium

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For MT50 Loaders Only (Cont'd):

Figure OI-30



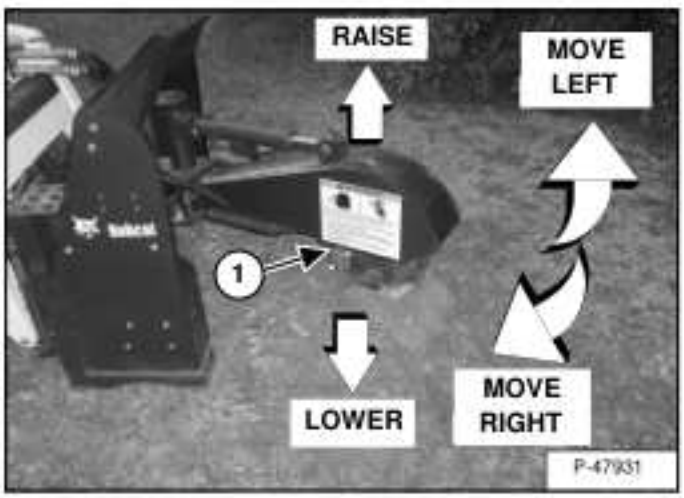
Press the top of the rocker switch (Item 1) **[Figure OI-30]** to move the cutter wheel (Item 1) **[Figure OI-31]** to the right.

Press the bottom of the rocker switch (Item 1) **[Figure OI-30]** to move the cutter wheel (Item 1) **[Figure OI-31]** to the left.

Press the top of the rocker switch (Item 2) **[Figure OI-30]** to raise the cutter wheel (Item 1) **[Figure OI-31]**.

Press the bottom of the rocker switch (Item 1) **[Figure OI-30]** to lower the cutter wheel (Item 1) **[Figure OI-31]**.

Figure OI-31



For MT52 And MT55 Loaders Only:

⚠ WARNING

AVOID INJURY OR DEATH

When operating the machine:

- **Operate only from the operator's position at the rear of the loader.**
- **Always keep your hands on the controls.**
- **Stay away from the tracks.**

W-2407-0801

The auxiliary hydraulics must be activated prior to stump grinder operation.

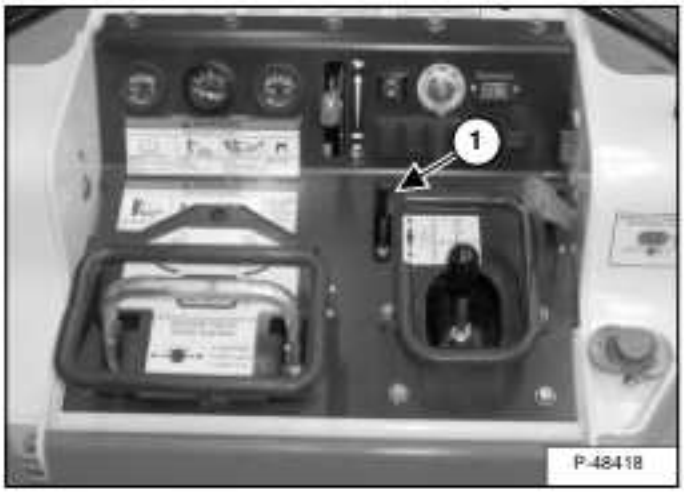
⚠ WARNING

AVOID INJURY OR DEATH

- **Keep all bystanders 12 feet (4 m) away from equipment when operating.**
- **Do Not Operate with damaged or missing screens, shields or rubber deflectors.**
- **Stop engine before cleaning or servicing.**
- **Contact with moving parts or flying objects can cause injury or death.**

W-2375-0600

Figure OI-32



Move the auxiliary control lever (Item 1) **[Figure OI-32]** fully forward to engage the cutter wheel.

Move the auxiliary control lever (Item 1) **[Figure OI-32]** fully back to stop the cutter wheel.

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LUBRICATION

Lubrication Points

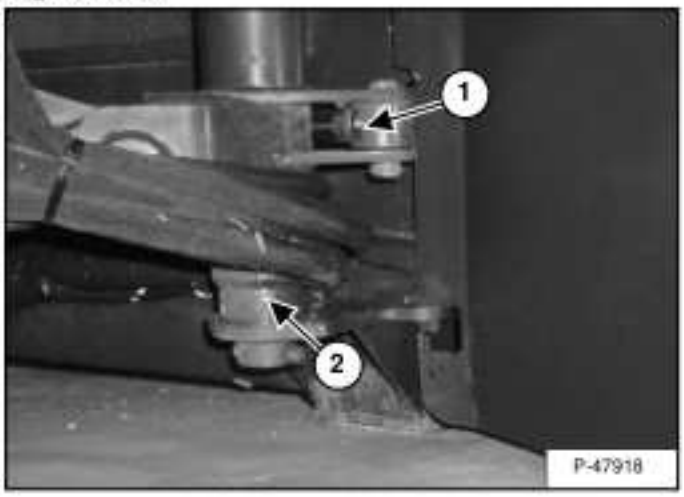
Always use a good quality lithium base grease when lubricating the stump grinder. Apply the lubricate until extra grease shows.

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-8

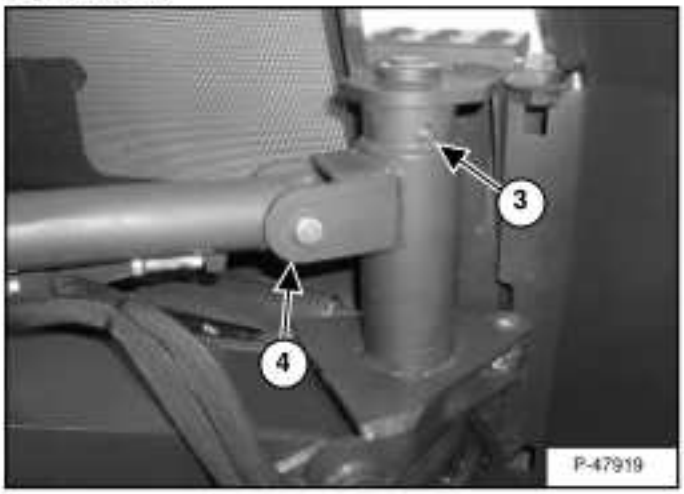


Lubricate the following grease fittings every **8-10 hours**:

Boom swing cylinder rod end (Item 1) **[Figure PM-8]**.

Boom swing lower pivot (Item 2) **[Figure PM-8]**.

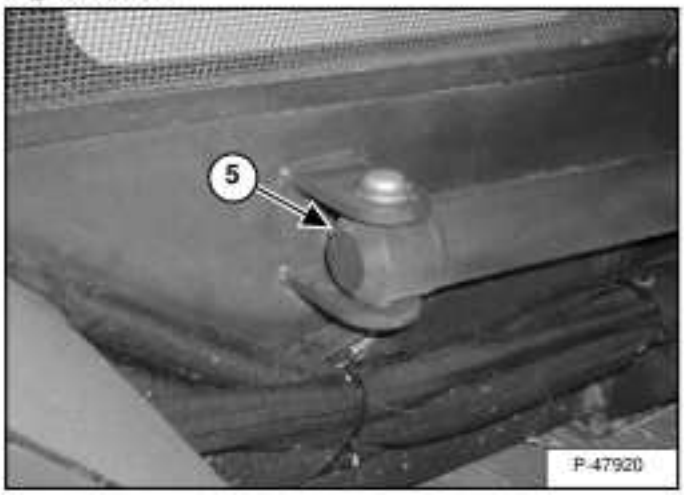
Figure PM-9



Boom swing upper pivot (Item 3) **[Figure PM-9]**.

Boom cylinder base end (Item 4) **[Figure PM-9]**.

Figure PM-10

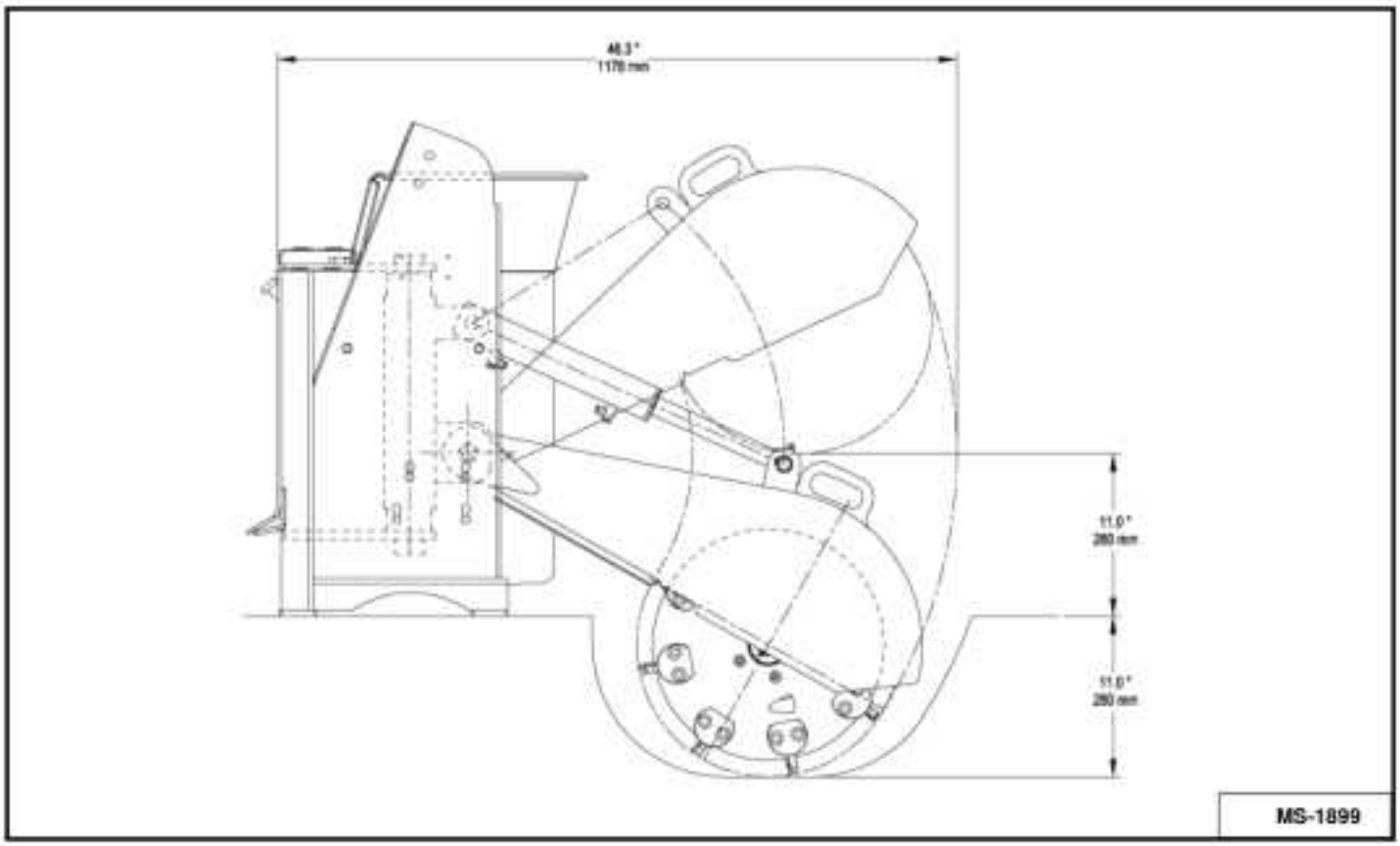


Boom swing cylinder base end (Item 5) **[Figure PM-10]**.

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Stump Grinder Dimensions

All dimensions are shown in inches. Respective metric dimensions are given in millimeters enclosed by parentheses.



Transport Width	36.00 in. (914,4 mm)
Overall Length (With Boom Swung to Right)	39.50 in. (1003,3 mm)
Overall Height	33.50 in. (88,9 mm)
Weight	460 lb. (209 Kg)
Wheel Diameter w/teeth	18.00 in. (457,2 mm)
Number Of Teeth	(6 right, 6 left, 4 straight)
Working Depth Below Grade	11.00 in. (278,4 mm)
Range Of Operation	52.00 in. (1320,8 mm)
Degree Of Operation	90°
Hydraulic Flow	10.0 - 14.0 GPM (37,8 - 53,0 L/min.)

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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.

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