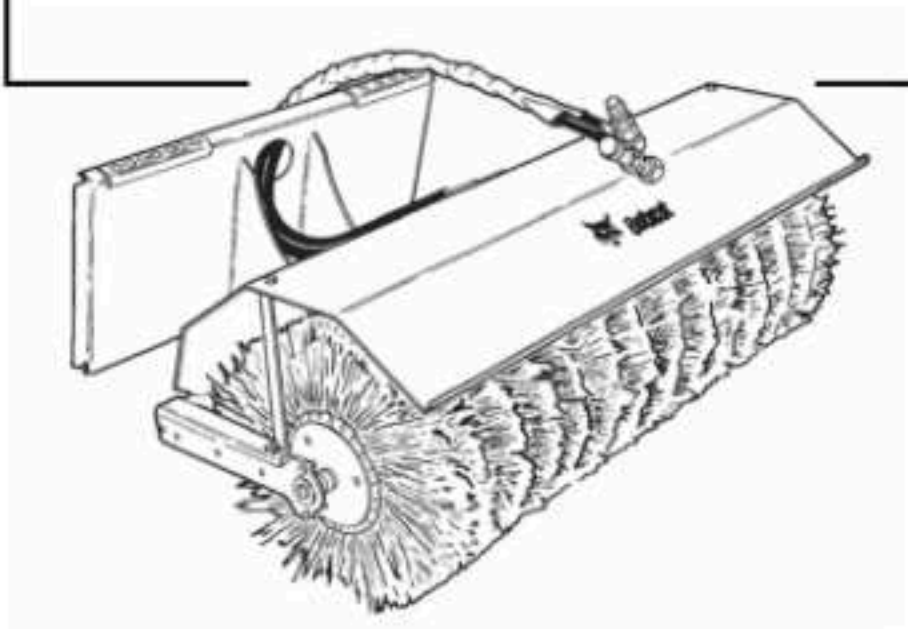
ANGLE BROOM

48 Inch

Bobcat®

Operation & Maintenance Manual

S/N 700000101 & Above



An IR Ingersoll Rand business

6901268 (2-02) Revised (3-05) (3)

Printed in U.S.A.

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CONTENTS

FOREWORD V

SAFETY IX

OPERATING INSTRUCTIONS OI-1

PREVENTIVE MAINTENANCE PM-1

SPECIFICATIONS SPEC-1

REFERENCE INFORMATION

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

Angle Broom Serial Number _____

_____

_____

_____

NOTES:

_____

_____

_____

_____

_____

_____

YOUR BOBCAT® DEALER:

ADDRESS:

_____

PHONE:

_____

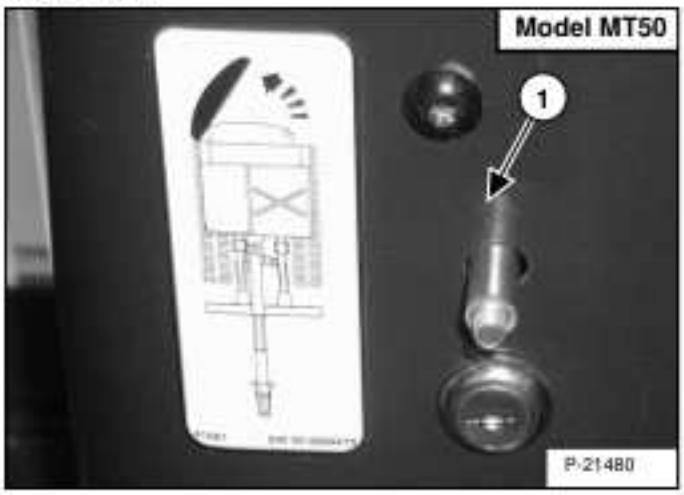
Bobcat Company
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B-1651 LOT
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Mini Loader Operation

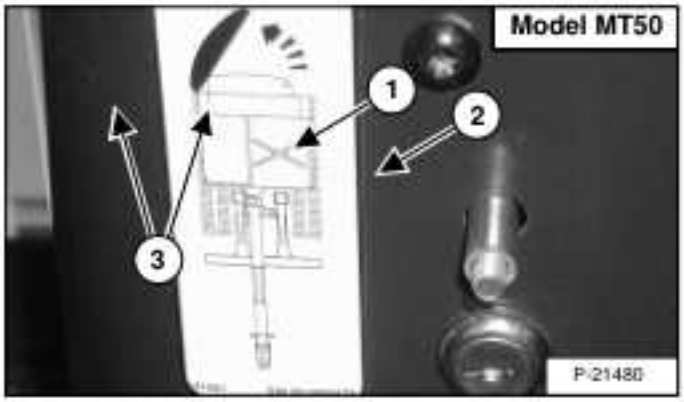
Figure OI-28



Move the auxiliary control lever (Item 1) **[Figure OI-28]** all the way forward (into the detent position) for constant flow of hydraulic fluid under pressure to the quick couplers. The Angle Broom will operate.

To disengage the hydraulic flow to the front couplers, move the auxiliary control lever (Item 1) **[Figure OI-28]** to the center position. The Angle Broom will stop.

Figure OI-29



Pull the operation mode selector (Item 1) **[Figure OI-29]** fully back to the speed control position for Angle Broom operation.

Turn the speed control knob (Item 2) **[Figure OI-29]** fully clockwise. (No travel speed).

For forward travel, engage the travel levers (Item 3) **[Figure OI-29]** in the forward direction.

For reverse travel, engage the travel levers (Item 3) **[Figure OI-29]** in the reverse direction.

Turn the speed control knob (Item 2) **[Figure OI-29]** counterclockwise until the desired loader speed is obtained.

Return the travel levers (Item 3) **[Figure OI-29]** to the neutral position.

NOTE: You can vary the amount that you turn the Speed Control Knob to fit your needs. The travel speed is variable from one-half of maximum high range travel speed to zero travel speed.

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LUBRICATION

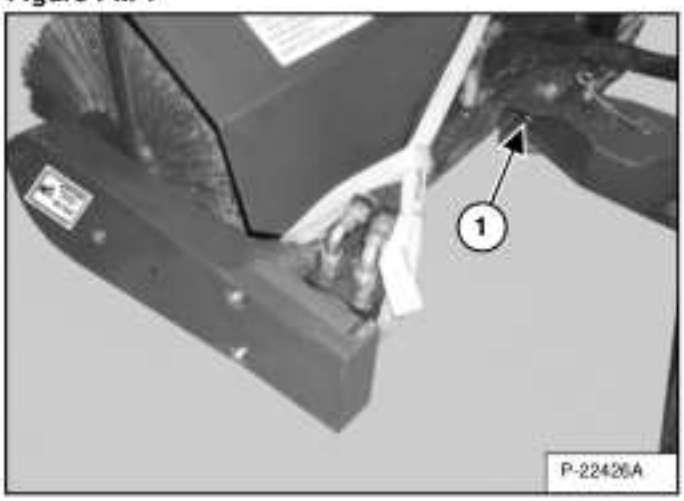
Lubrication Points

IMPORTANT

Fluid such as engine oil, hydraulic fluid, coolants, 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-2067-0395

Figure PM-7



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

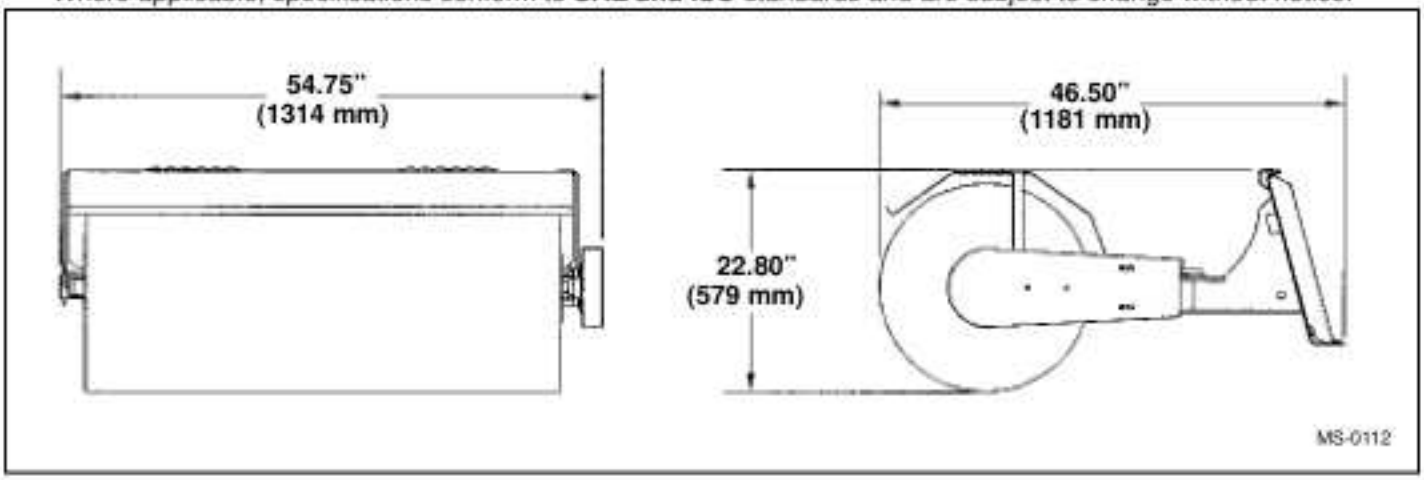
Lubricate the following grease fitting EVERY 20 HOURS.

1. Broom Pivot Bushing **[Figure PM-7]**.

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SPECIFICATIONS

- 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	
Overall Attachment Width	54.75 (11314 mm)
Sweep Width Straight	48" (1219 mm)
Sweep Width Fully Angled (30° right or left)	41.50" (1054 mm)
Weight	260 lbs. (118 kg)
Broom Angling	Manual
Broom Bristle Diameter	21.38" (543 mm)
Filament Material	Replaceable Polypropylene
Number of Bristle Sections	4 Flat and 24 Convoluted
Broom RPM @ 10 GPM (68 L/m)	250

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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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