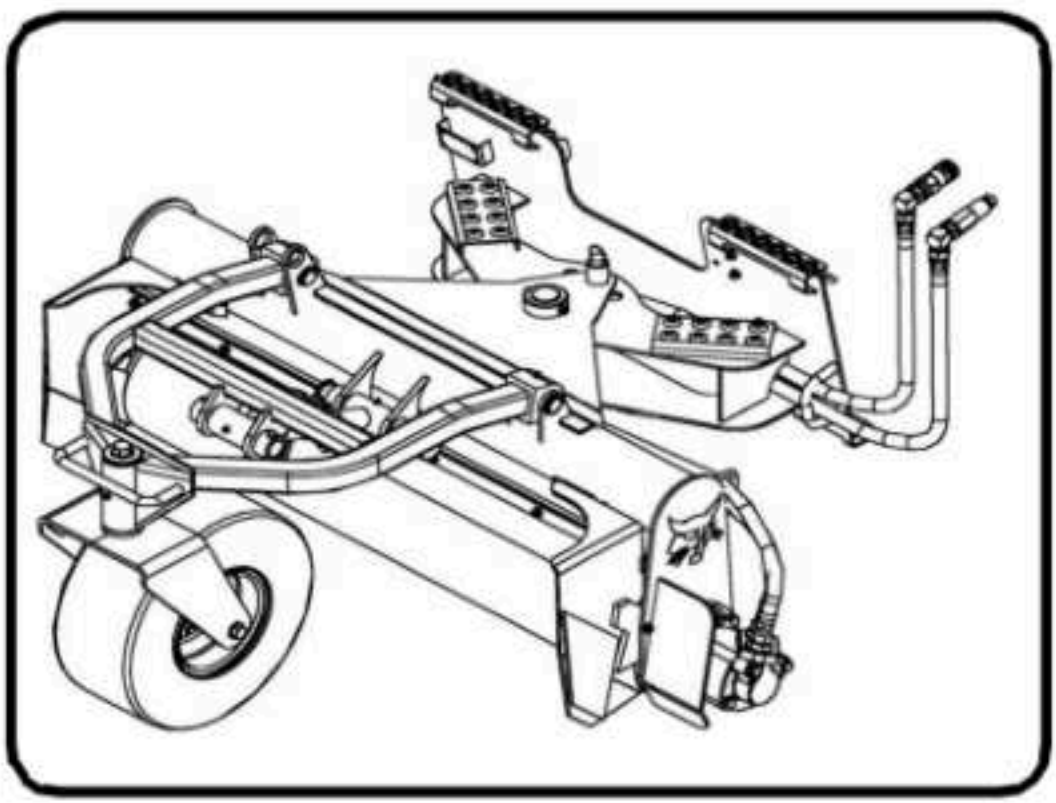
Bobcat®

Operation & Maintenance Manual
Soil Conditioner

(48SCM) S/N 651500101 & Above



6902008 (9-08) Revised (9-10) (5)

Printed in U.S.A.

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CONTENTS

FOREWORD 3

SAFETY & TRAINING RESOURCES 11

OPERATING INSTRUCTIONS 19

PREVENTIVE MAINTENANCE 61

MACHINE SIGN TRANSLATIONS 67

SPECIFICATIONS 73

WARRANTY 77

ALPHABETICAL INDEX 81

REFERENCE INFORMATION

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

Soil Conditioner 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 soil conditioner. READ AND UNDERSTAND THIS OPERATION & MAINTENANCE MANUAL BEFORE OPERATING YOUR SOIL CONDITIONER. If you have any questions, see your Bobcat dealer. This manual may illustrate options and accessories not installed on your soil conditioner.

BOBCAT COMPANY IS IS0 9001 CERTIFIED 5

SERIAL NUMBER LOCATION 7
Attachment Serial Number 7

DELIVERY REPORT 7

ATTACHMENT IDENTIFICATION 8

FEATURES AND ACCESSORIES 9
Standard Items 9

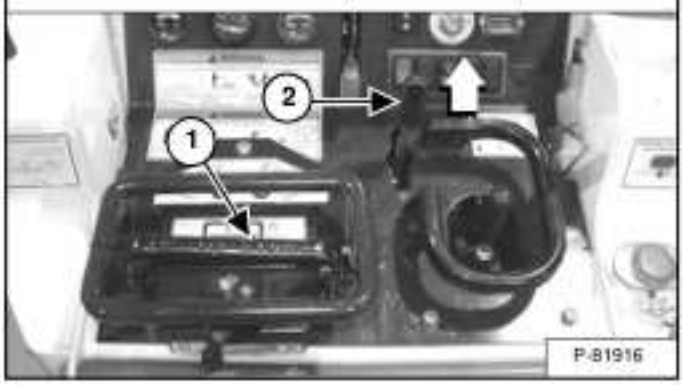
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OPERATING PROCEDURE WITH MINI LOADERS (CONT'D)

Control Functions (Cont'd)

Figure 64

MT52 & MT55 (Later Models)



While holding the Continuous Flow Control lever (Item 1) down, push the Auxiliary Hydraulic Control lever (Item 2) **[Figure 64]** all the way forward until it locks (detent position) for reverse rotation.

While holding the Continuous Flow Control lever (Item 1) down, pull the Auxiliary Hydraulic Control lever (Item 2) **[Figure 64]** all the way backward until it locks (detent position) for forward rotation.

If the Continuous Flow Control lever (Item 1) is released while in continuous flow, the Auxiliary Hydraulic Control lever (Item 2) **[Figure 64]** will return to neutral after one to three seconds and auxiliary hydraulic oil flow will stop.

To resume the continuous flow operation, make sure the Auxiliary Hydraulic Control Lever (Item 2) is in neutral and press down on the Continuous Flow Shut off lever (Item 1) **[Figure 64]**.

Move the Auxiliary Hydraulic Control lever (Item 2) **[Figure 64]** all the way forward or backward until it locks (detent position) for forward or reverse direction.

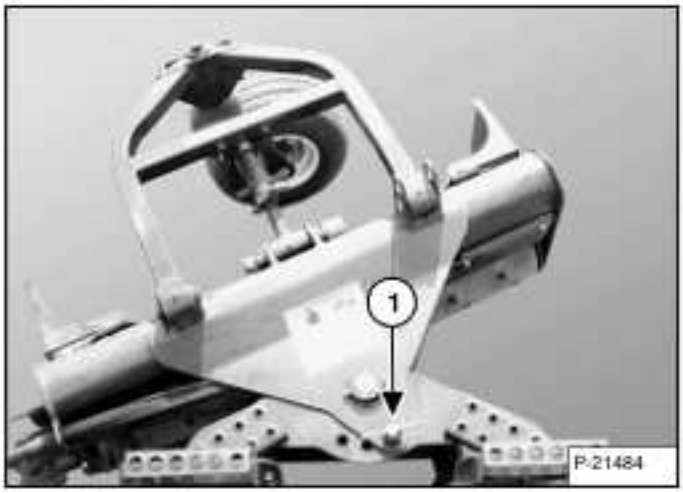
NOTE: The Continuous Flow Shutoff lever (Item 1) must be in the UP position and the Auxiliary Hydraulic Control lever (Item 2) [Figure 64] must be in NEUTRAL to start the engine.

NOTE: The Continuous Flow Shutoff lever (Item 1) [Figure 64] must return to the UP position when released.

Operation With The Mini Loader

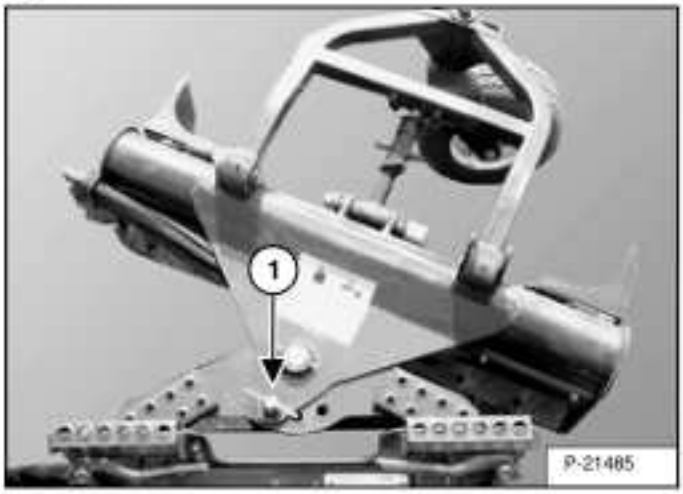
To Angle The Soil Conditioner

Figure 65



To angle the soil conditioner to the left, remove the pin (Item 1) **[Figure 65]**, rotate the soil conditioner to the left and replace the pin.

Figure 66



To angle the soil conditioner to the right, remove the pin (Item 1) **[Figure 66]**, rotate the soil conditioner to the right and replace the pin.

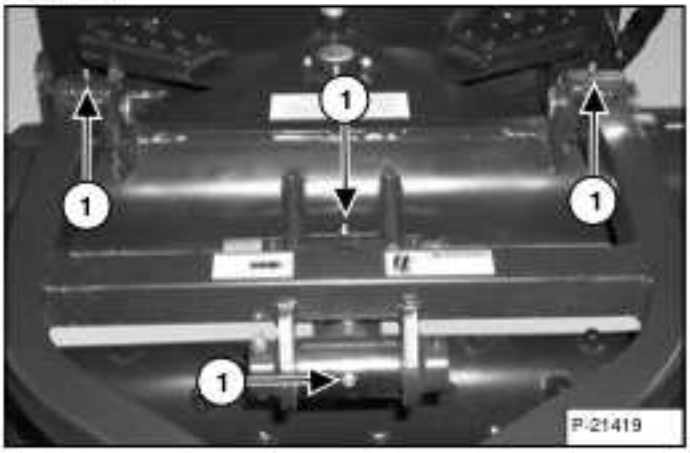
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LUBRICATING THE ATTACHMENT

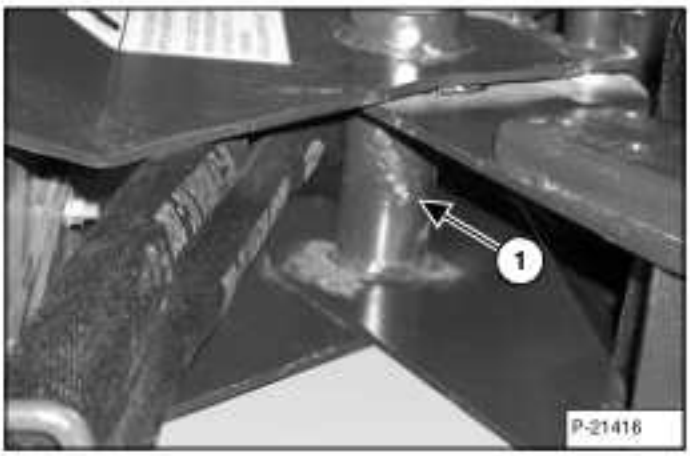
Lubrication Locations

Figure 84



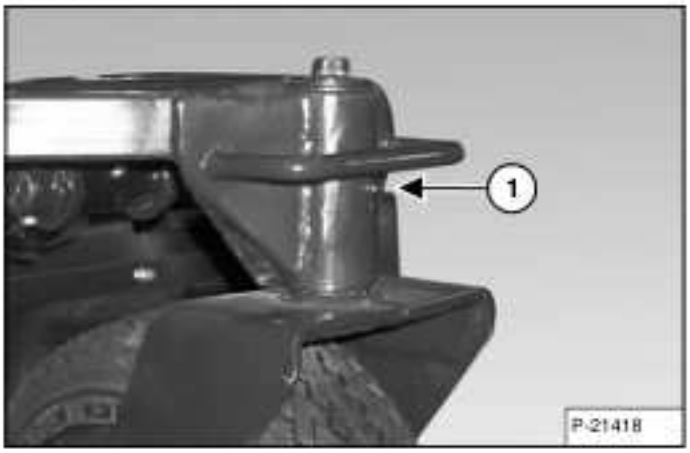
Add grease to the four fittings (Item 1) **[Figure 84]**.

Figure 85



Add grease to the fitting on the pivot pin (Item 1) **[Figure 85]**.

Figure 86



Add grease to the caster wheel pivot bearing (Item 1) **[Figure 86]**.

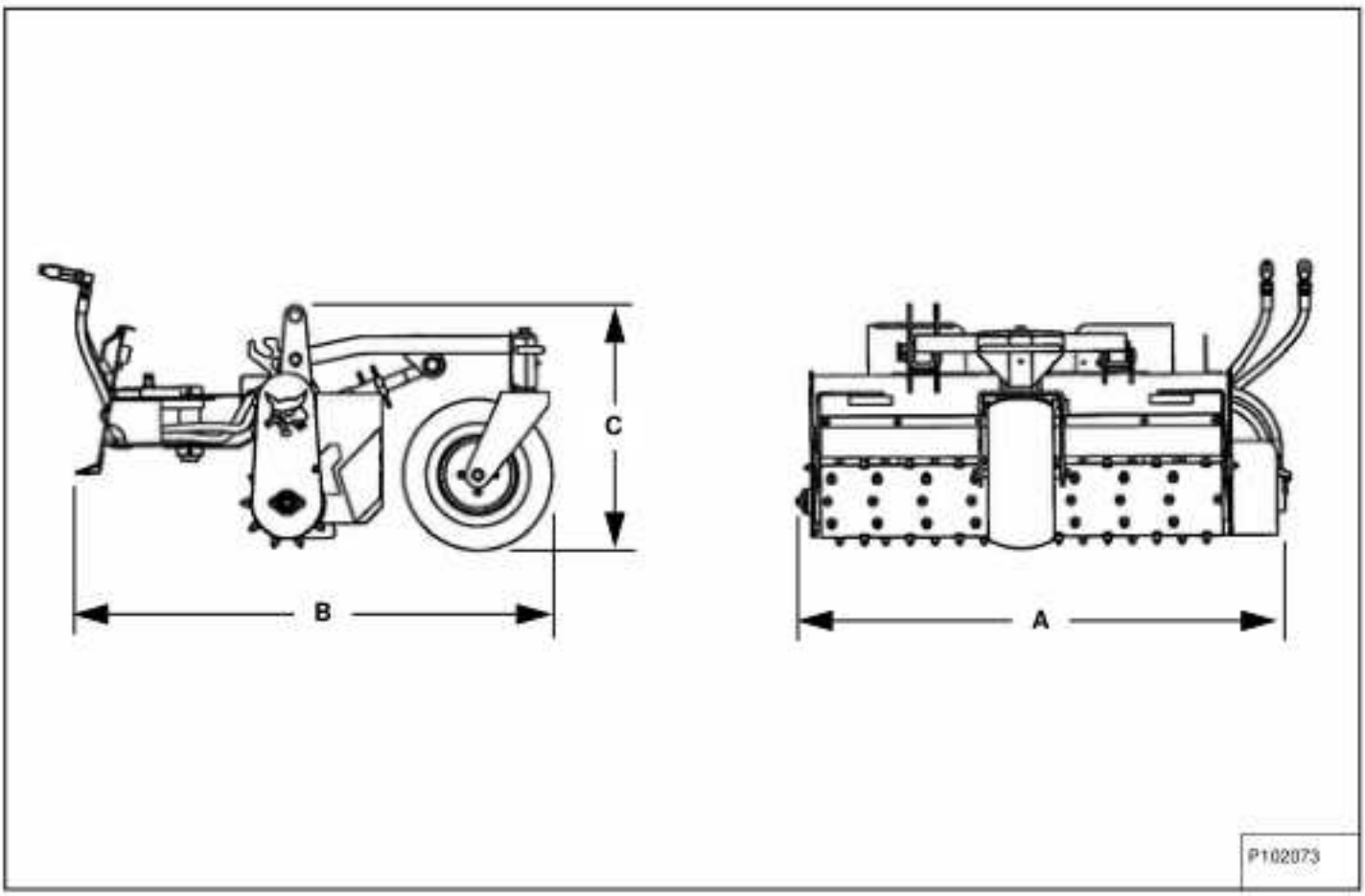
NOTE: Tire pressure should be 151,7 kPa (1,5 bar) (22 psi) maximum.

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(48SCM) SOIL CONDITIONER 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	48SCM
Overall Width (**A**)	1545,3 mm (60.64 in)
Overall Length (**B**)	1469,3 mm (57.85 in)
Overall Height (**C**)	687,5 mm (27.07 in)
Fully Angled Working Width	1160 mm (45.67 in)
Straight Working Width	1219,2 mm (48 in)

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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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