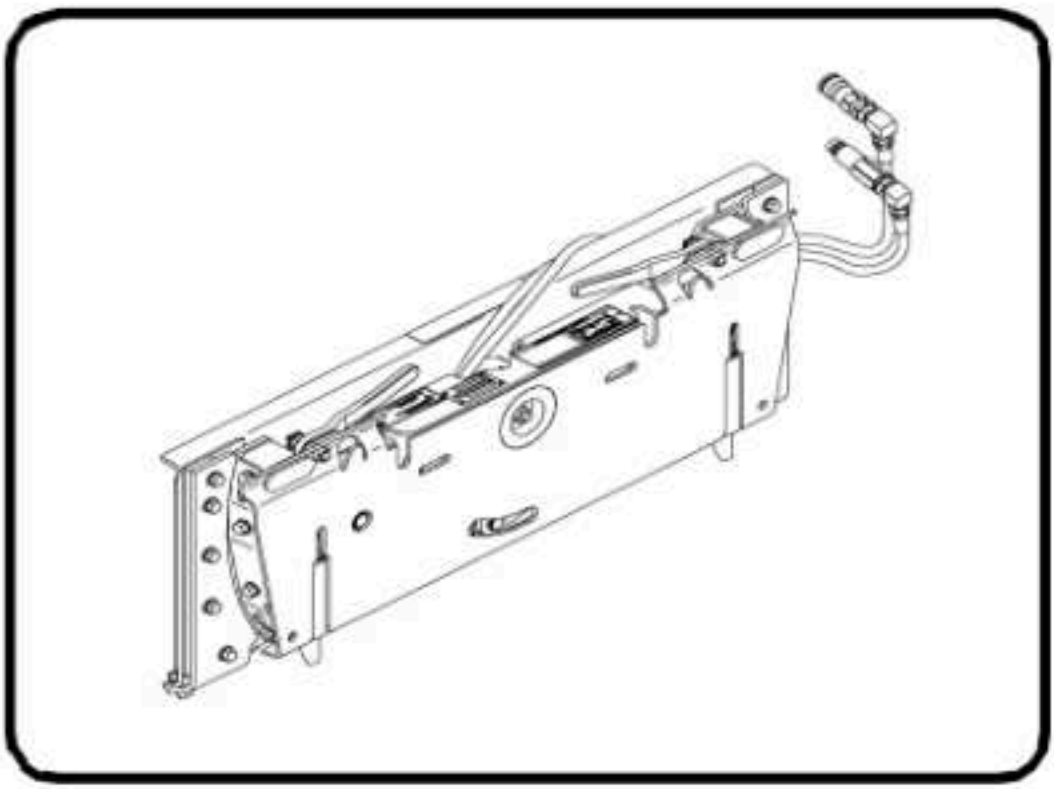
Bobcat®

Operation & Maintenance Manual

Tilt-Tatch™

(Tilt-Tatch) S/N 224100101 & Above



6903158 (12-09) Revised (4-10) (5)

Printed in U.S.A.

© Bobcat Company 2010

MidWestTech | Bobcat Tilt-Tatch Hydraulic Tilt Adapter Operation & Maintenance Manual |... Order the manual at mid-west-tech.com >

CONTENTS

FOREWORD 3

SAFETY & TRAINING RESOURCES 9

OPERATING INSTRUCTIONS 17

PREVENTIVE MAINTENANCE 91

MACHINE SIGN TRANSLATIONS 99

SPECIFICATIONS 103

WARRANTY 107

ALPHABETICAL INDEX 111

REFERENCE INFORMATION

Write the correct information for YOUR Bobcat tilt-tatch in the spaces below. Always use these numbers when referring to your Bobcat tilt-tatch.

Tilt-Tatch 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 Tilt-Tatch Hydraulic Tilt Adapter Operation & Maintenance Manual |... 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 tilt-tatch. READ AND UNDERSTAND THIS OPERATION & MAINTENANCE MANUAL BEFORE OPERATING YOUR TILT-TATCH. If you have any questions, see your Bobcat dealer. This manual may illustrate options and accessories not installed on your tilt-tatch.

BOBCAT COMPANY IS ISO 9001 CERTIFIED 5

SERIAL NUMBER LOCATION 6
Attachment Serial Number 6

DELIVERY REPORT 6

ATTACHMENT IDENTIFICATION 7

FEATURES AND ACCESSORIES 8
Standard Items 8

MidWestTech | Bobcat Tilt-Tatch Hydraulic Tilt Adapter Operation & Maintenance Manual |... Order the manual at mid-west-tech.com >

Operation With The Loader (Cont'd)

Leveling The Ground (Using The Lift Arms In Float Position)

IMPORTANT

Never drive forward when the hydraulic control for lift arms is in float position.

I-2005-1285

Rotate the bucket to the desired angle.

Put the loader controls in the float position (detent). (See the loader's Operation & Maintenance Manual for the correct procedure for float control activation.)

Figure 54



Use the loader tilt function to change the position of the bucket cutting edge **[Figure 54]**.

With the bucket tilt farther forward, there is more force on the cutting edge and more loose material can be moved.

Drive backwards to level the loose material.

Release the loader controls from float position (detent) before moving forward. (See the loader's Operation & Maintenance Manual for the correct procedure for float control deactivation.)

Digging Into A Slope

WARNING

Use of Tilt-Tatch reduces the machine's Rated Operating Capacity. Do Not overload.

W-2324-0408

Figure 55



Raise the lift arms and position the bucket to the desired angle **[Figure 55]**.

Figure 56



Slowly drive forward, while lowering the lift arms until the bucket enters the ground **[Figure 56]**.

MidWestTech | Bobcat Tilt-Tatch Hydraulic Tilt Adapter Operation & Maintenance Manual |... Order the manual at mid-west-tech.com >

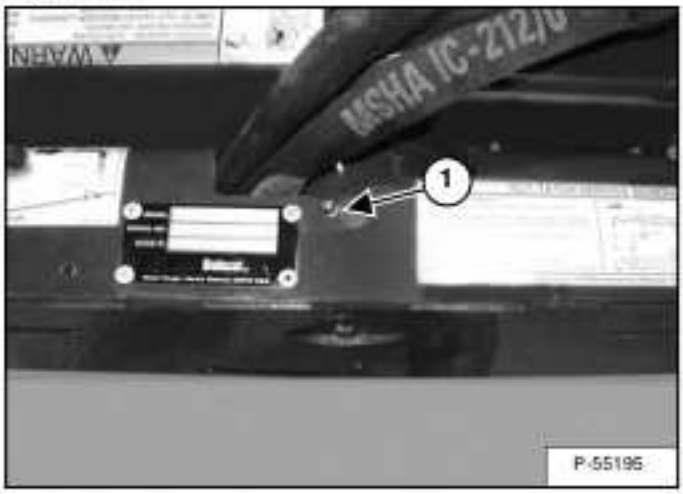
LUBRICATING THE ATTACHMENT

Lubrication Locations

Always use a good quality lithium base multipurpose grease when lubricating the tilt-tatch. Apply lubricant until extra grease shows.

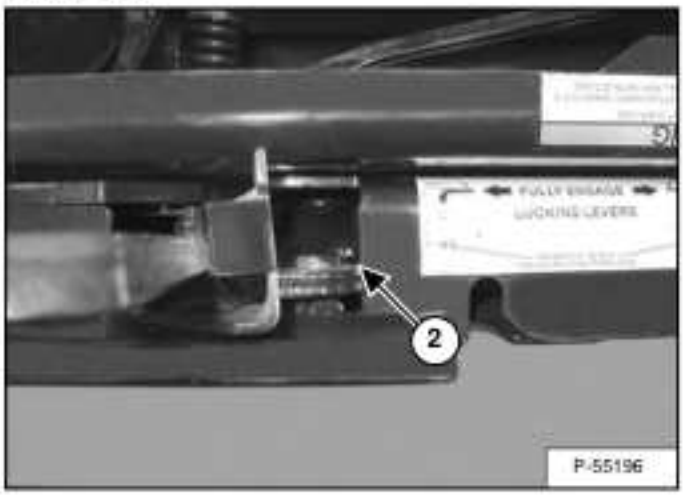
Lubricate the following locations, EVERY 10 hours.

Figure 163



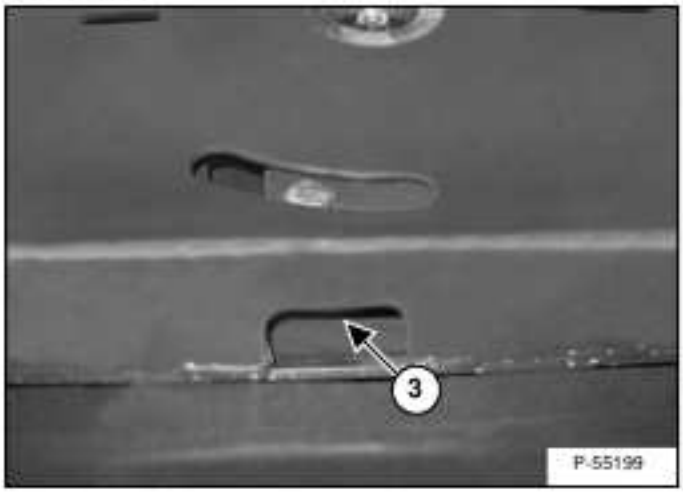
1. Apply grease to the pivot pin grease fittings **[Figure 163]**.

Figure 164



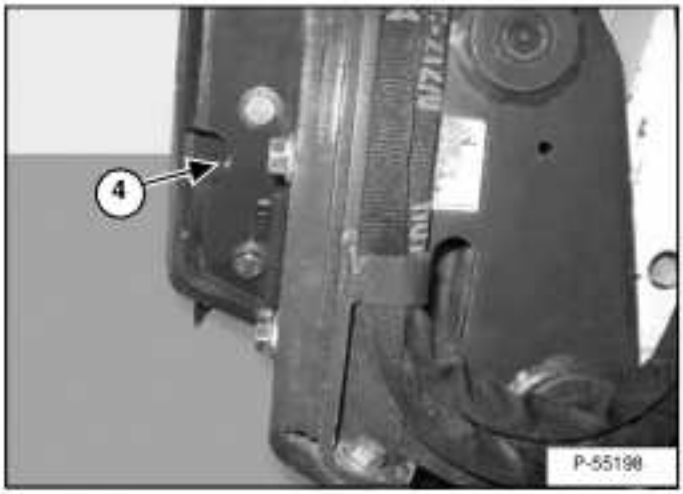
2. Apply grease to the cylinder base end grease fittings **[Figure 164]**.

Figure 165



3. Apply grease to the cylinder rod end grease fittings **[Figure 165]**.

Figure 166



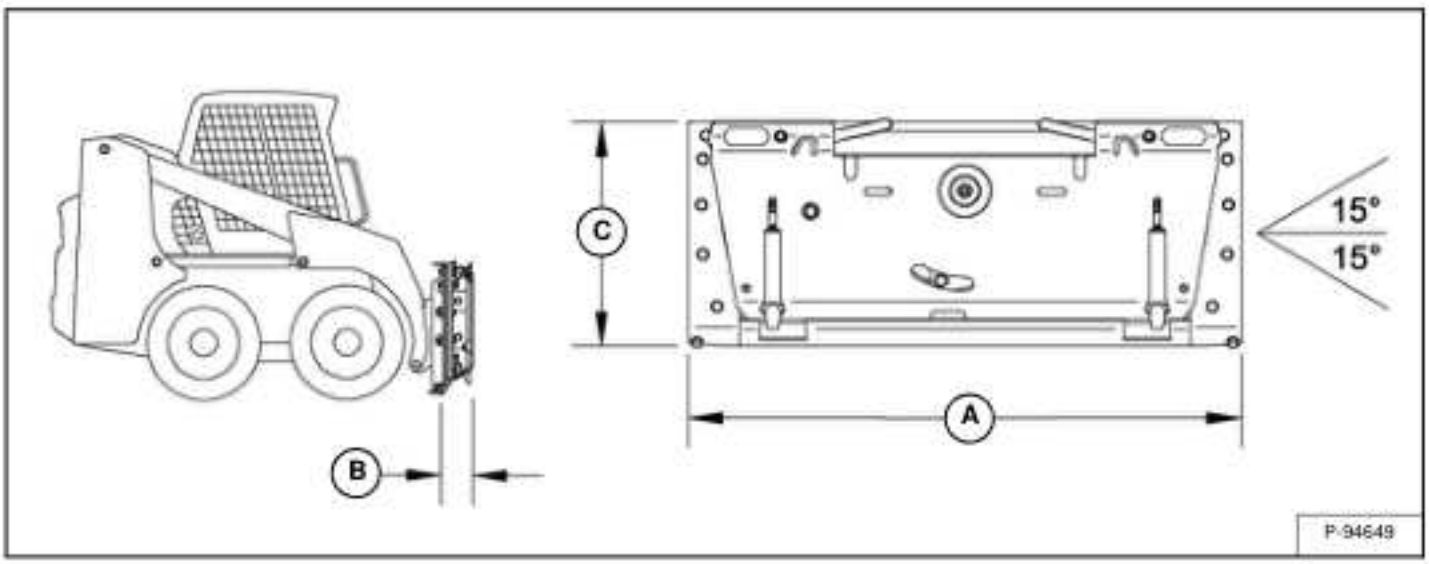
4. Apply grease to the wedge grease fittings **[Figure 166]** (both sides).

MidWestTech | Bobcat Tilt-Tatch Hydraulic Tilt Adapter Operation & Maintenance Manual |... Order the manual at mid-west-tech.com >

TILT-TATCH SPECIFICATIONS

Dimensions

- All dimensions are shown in inches. Respective metric dimensions are given in millimeters enclosed by parentheses.
- Where applicable, specifications conform to **ASABE, SAE and ISO** standards and are subject to change without notice.



DESCRIPTION	TILT-TATCH
Overall Attachment Width (A)	48.0 in. (1219 mm)
Depth (B)	4.30 in. (109 mm)
Height (C)	20.4 in. (511 mm)

Performance

DESCRIPTION	TILT-TATCH
Weight	320 lb. (145 kg)
Oscillation	15°

Hydraulic System

DESCRIPTION	TILT-TATCH
Cylinder Bore	2.25 in. (57,15 mm)
Cylinder Rod	1.00 in. (25,4 mm)
Cylinder Stroke	4.22 in. (107,2 mm)

MidWestTech | Bobcat Tilt-Tatch Hydraulic Tilt Adapter Operation & Maintenance Manual |... 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 Tilt-Tatch Hydraulic Tilt Adapter Operation & Maintenance Manual |... Order the manual at mid-west-tech.com >