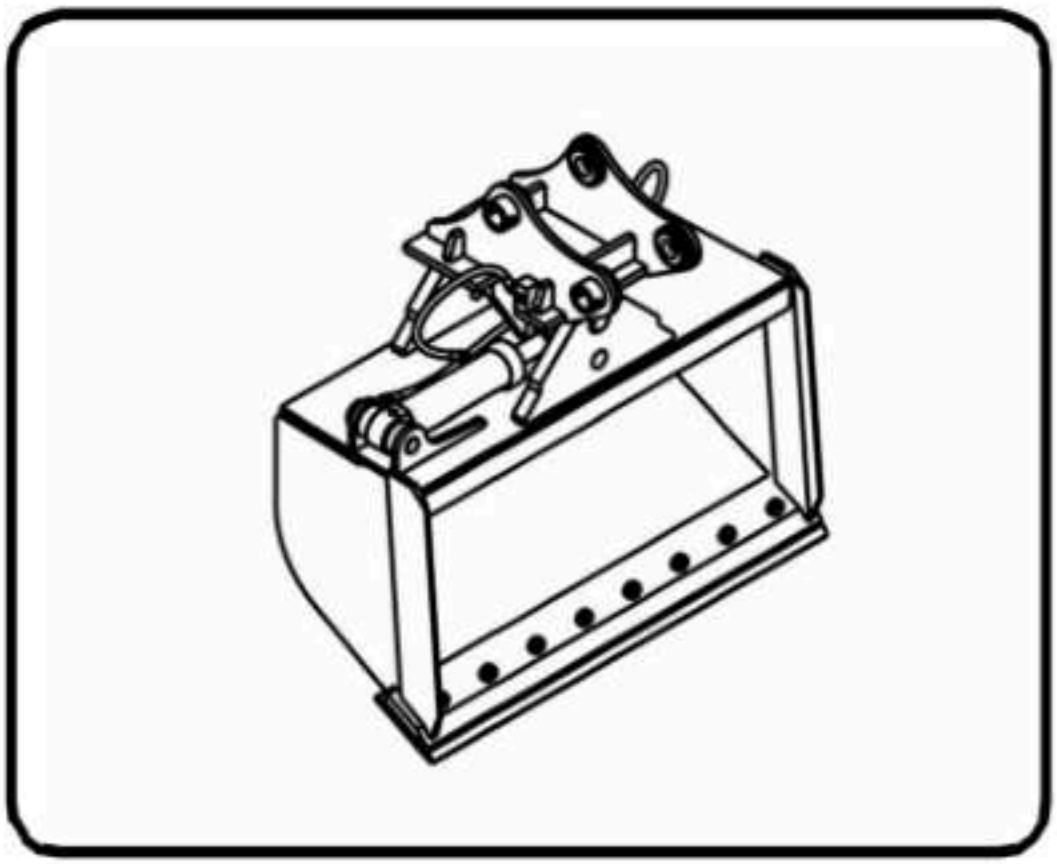
Bobcat®

Operation & Maintenance Manual
Tilt Bucket

(TB48) S/N AFVL00101 & Above



6987461 (6-09)

Printed in U.S.A.

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REFERENCE INFORMATION

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

Tilt Bucket 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 tilt bucket. READ AND UNDERSTAND THIS OPERATION & MAINTENANCE MANUAL BEFORE OPERATING YOUR TILT BUCKET. If you have any questions, see your Bobcat dealer.

BOBCAT COMPANY IS ISO 9001:2000 CERTIFIED 5

SERIAL NUMBER LOCATION 6
Attachment Serial Number 6

DELIVERY REPORT 6

IDENTIFICATION AND MACHINE SIGNS (DECALS) 7

FEATURES AND ACCESSORIES 8
Standard Items 8
Falling Object Guard Structure (FOGS) For Excavators 9
Special Applications Kit For Excavators 9

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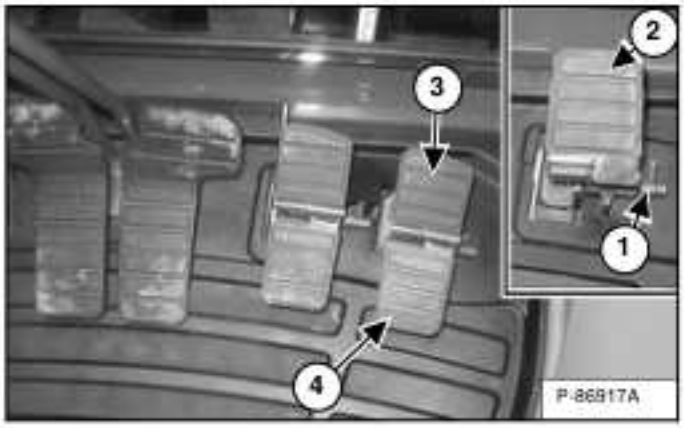
OPERATING PROCEDURE WITH EXCAVATORS (CONT'D)

Control Functions

Primary Auxiliary Hydraulics

NOTE: Make sure the direct to tank valve on the machine is in the proper position for attachment operation. (See Machine / Attachment Setup on Page 24.)

Figure 33

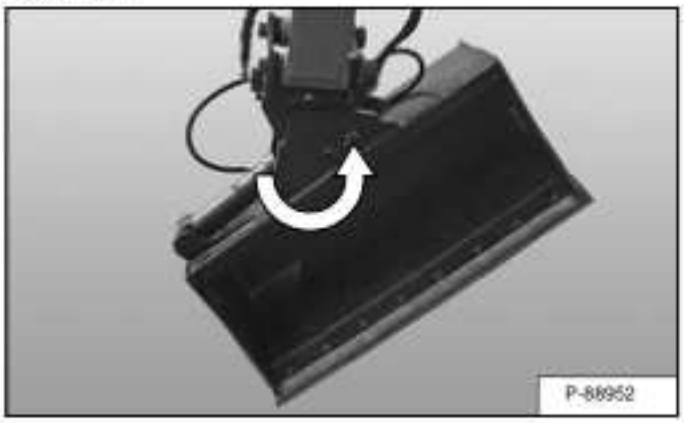


Release the pedal lock (Item 1) and pivot the heel of the pedal to the rear (Item 2) **[Figure 33]**.

The toe of the right foot pedal (Item 3) **[Figure 33]** supplies hydraulic flow / pressure to the male coupler of the excavator.

The heel of the right foot pedal (Item 4) **[Figure 33]** supplies hydraulic flow / pressure to the female coupler of the excavator.

Figure 34



Push the toe of the pedal (Item 3) **[Figure 33]** to tilt the bucket to the right as shown **[Figure 34]**.

Figure 35



Push the heel of the pedal (Item 4) **[Figure 33]** to tilt the bucket to the left as shown **[Figure 35]**.

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LUBRICATING THE ATTACHMENT

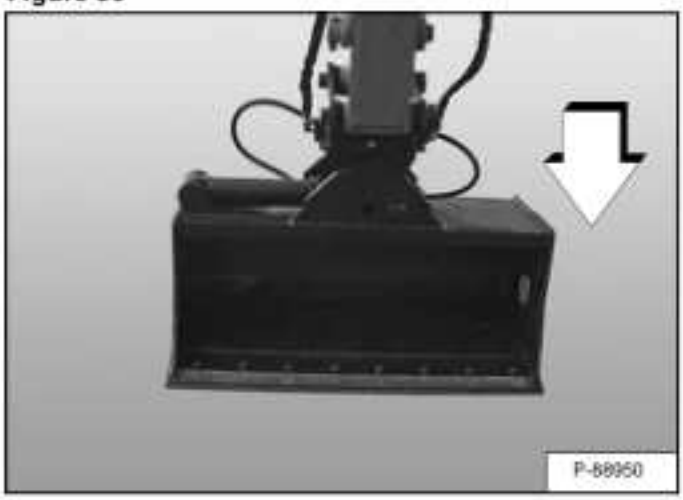
Lubrication Locations

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

Grease the tilt bucket at regular intervals. (See SERVICE SCHEDULE on Page 44.)

Park the excavator on a flat and level surface.

Figure 50



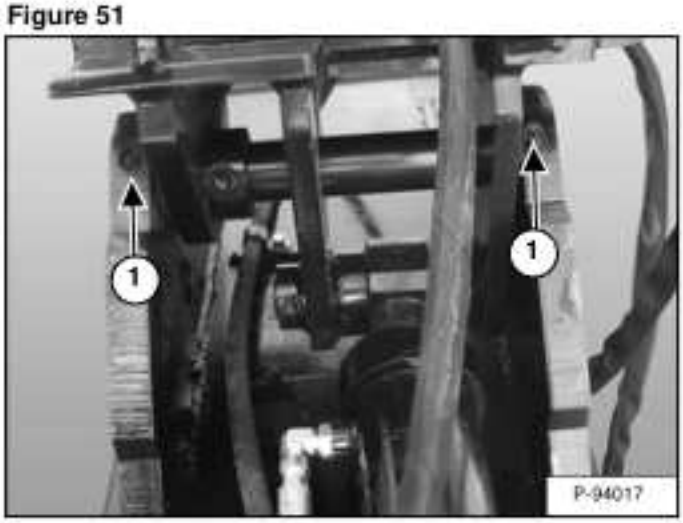
Put the tilt bucket in the horizontal position **[Figure 50]**.

Fully lower the tilt bucket to the ground.

Stop the engine and exit the excavator. (See Entering And Exiting the Excavator on Page 25.)

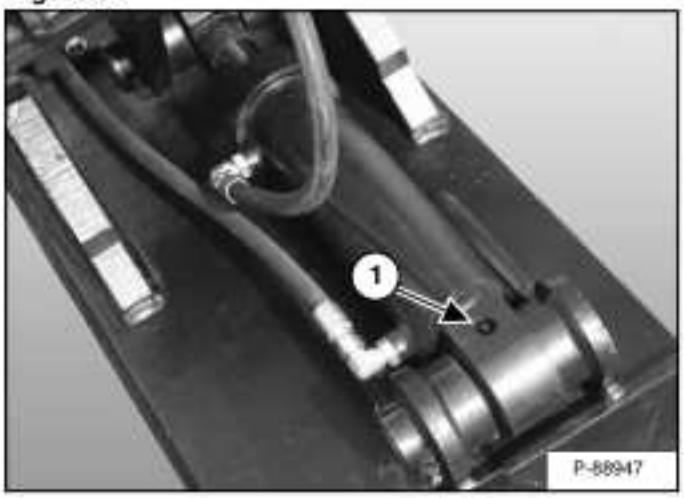
If the tilt bucket is not greased at recommended intervals, premature bushing wear will occur.

Figure 51



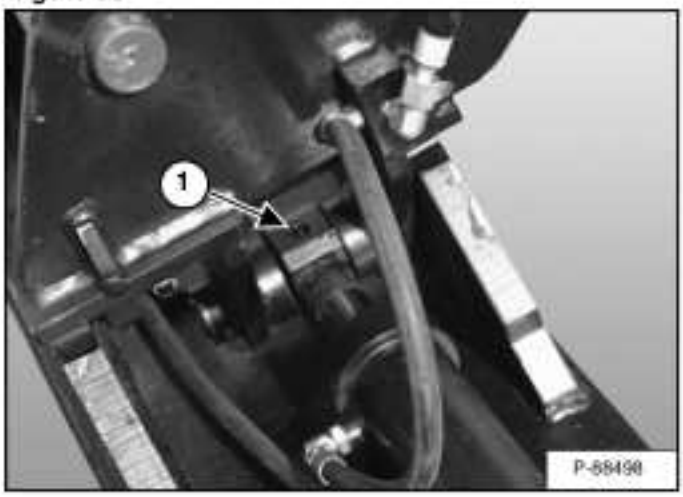
Lubricate the main pivot point grease fittings (Item 1) **[Figure 51]**.

Figure 52



Lubricate the cylinder base end grease fitting (Item 1) **[Figure 52]**.

Figure 53



Lubricate the cylinder rod end grease fitting (Item 1) **[Figure 53]**.

⚠ WARNING

AVOID INJURY OR DEATH

Wear safety glasses to prevent eye injury when any of the following conditions exist:

- **When fluids are under pressure.**
- **Flying debris or loose material is present.**
- **Engine is running.**
- **Tools are being used.**

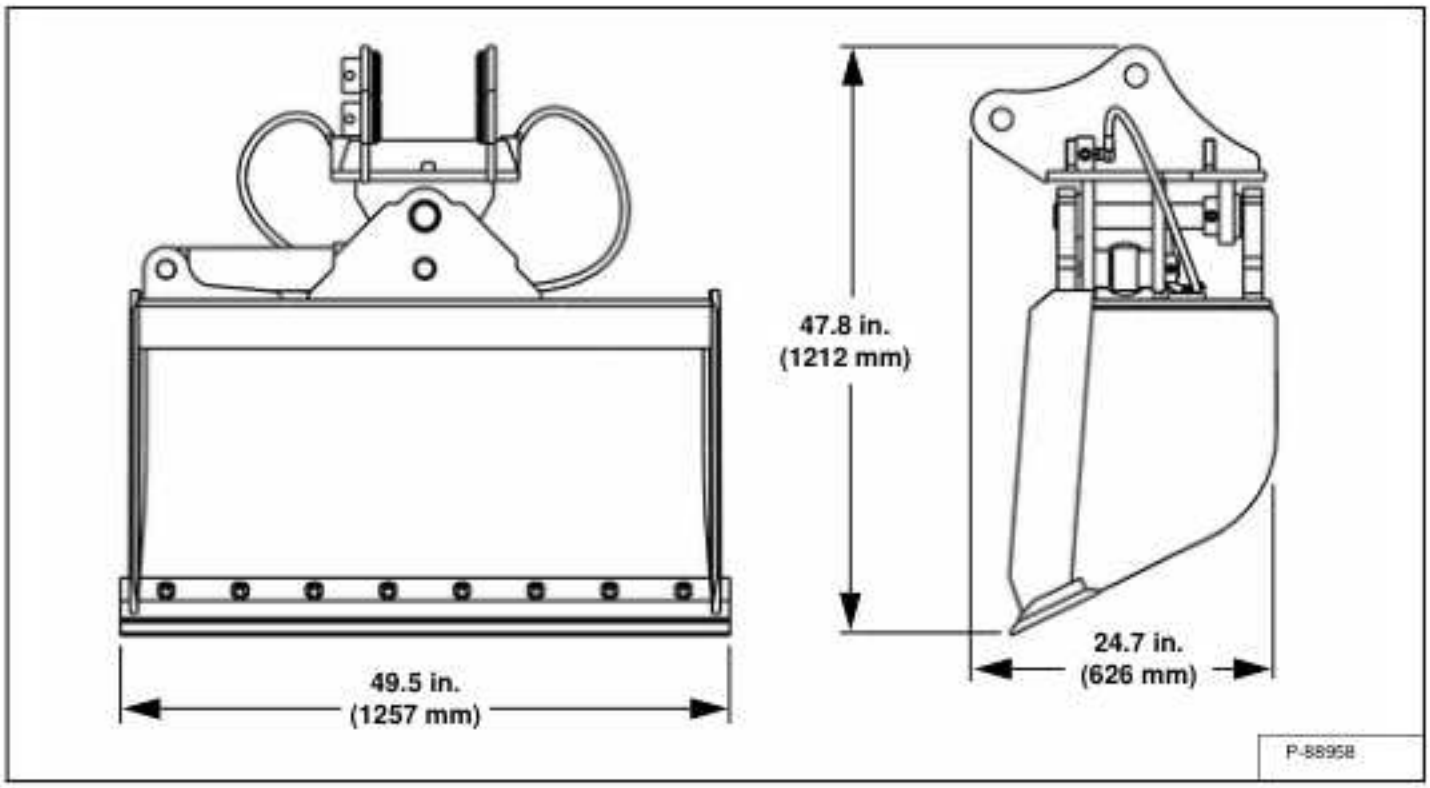
W-2019-0907

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(TB48) TILT BUCKET 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



Performance

Weight	656 lb. (353 kg)
Cutting Edge	Bolt-On
Mounting	Pin-On

Hydraulic System

Max Working Hydraulic Flow Rate	2 - 4 GPM (7,6 - 15,1 L/min.)
Max Working Hydraulic Flow Pressure	3000 PSI (206,8 bar)

Capacities

Capacity	
- Heaped	12.5 cu. ft. (335,6 cu L)
- Struck	10 cu. ft. (283,2 cu L)

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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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