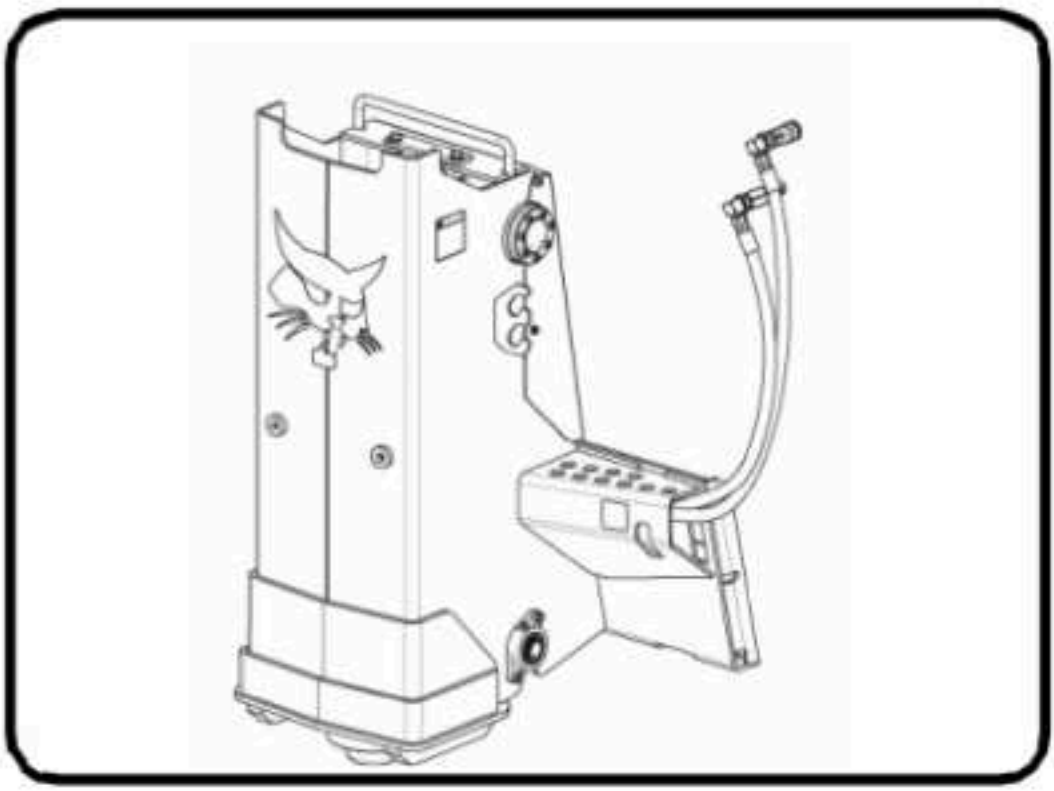
Bobcat®

Operation & Maintenance Manual
Drop Hammer

(Drop Hammer) S/N A78D00101 & Above



6904968 (1-11) Revised (3-11) (5)

Printed in U.S.A.

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REFERENCE INFORMATION

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

Drop Hammer Serial Number _____

NOTES:

_____

_____

_____

YOUR BOBCAT DEALER:

_____

ADDRESS:

_____

PHONE:

_____

Bobcat Company
P.O. Box 128
Gwinner, ND 58040-0128
UNITED STATES OF AMERICA

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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 Bobcat drop hammer. READ AND UNDERSTAND THIS OPERATION & MAINTENANCE MANUAL BEFORE OPERATING YOUR BOBCAT DROP HAMMER. If you have any questions, see your Bobcat dealer. This manual may illustrate options and accessories not installed on your Bobcat drop hammer.

BOBCAT COMPANY IS ISO 9001 CERTIFIED 5

SERIAL NUMBER LOCATION 7
Attachment Serial Number 7

DELIVERY REPORT 7

ATTACHMENT IDENTIFICATION 8

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Standard Items 9

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Entering And Exiting The Loader

⚠ WARNING

AVOID INJURY OR DEATH

When operating the machine:

- **Keep the seat belt fastened snugly.**
- **The seat bar must be lowered.**
- **Keep your feet on the pedal controls or footrests and hands on the controls.**

W-2261-0909

Entering

Figure 21



Use the attachment steps, grab handles and safety treads (on the loader lift arms and frame) to get on and off the loader **[Figure 21]**.

Figure 22



Enter the loader. Fasten the seat belt and adjust it so the buckle is centered between your hips **[Figure 22]**.

Figure 23



Lower the seat bar and engage parking brake **[Figure 23]**.

Put the foot pedals or hand controls in neutral position.

NOTE: Keep your hands on the steering levers and your feet on the foot pedals (or footrests) while operating the loader.

See the loader's Operation & Maintenance Manual and Operator's Handbook for detailed information on operating the loader.

Exiting

Lower the lift arms and put the attachment flat on the ground.

Stop the engine and engage the parking brake.

Lift the seat bar and make sure the lift and tilt functions are deactivated.

Remove the key.

Exit the loader.

⚠ WARNING

AVOID INJURY OR DEATH

Before you leave the operator's position:

- **Lower the lift arms, put the attachment flat on the ground.**
- **Stop the engine and engage the parking brake.**
- **Move all pedals, handles, joysticks, and other controls until they are LOCKED or in the NEUTRAL position.**

SEE THE MACHINE OPERATION & MAINTENANCE MANUAL FOR MORE INFORMATION.

W-2722-0208

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LUBRICATING THE ATTACHMENT

Lubrication Locations

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

⚠ WARNING

AVOID INJURY OR DEATH
Keep shields in place during operation.

STOP engine and disconnect auxiliary hydraulic hoses before servicing attachment.

W-2549-0107

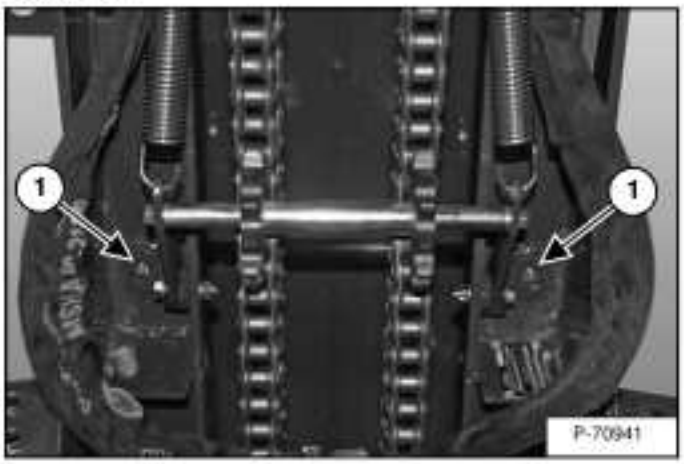
Lubricate the following six locations on the drop hammer **every 8 hours**:

Figure 63



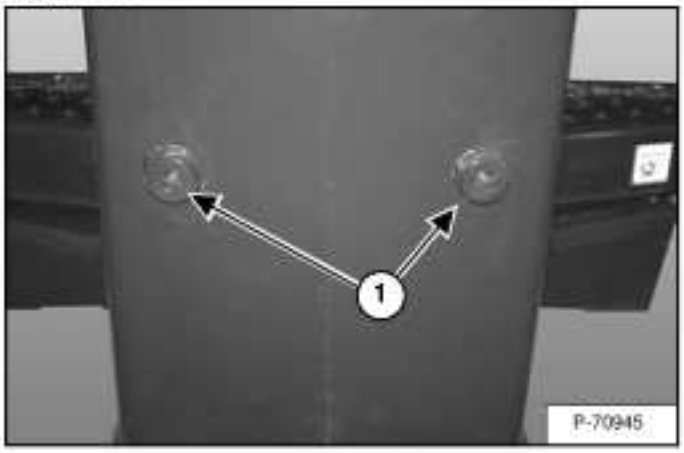
Grease points (Item 1) **[Figure 63]** are located on both sides of the lower sprocket.

Figure 64



Grease points (Item 1) **[Figure 64]** inside the cover.

Figure 65



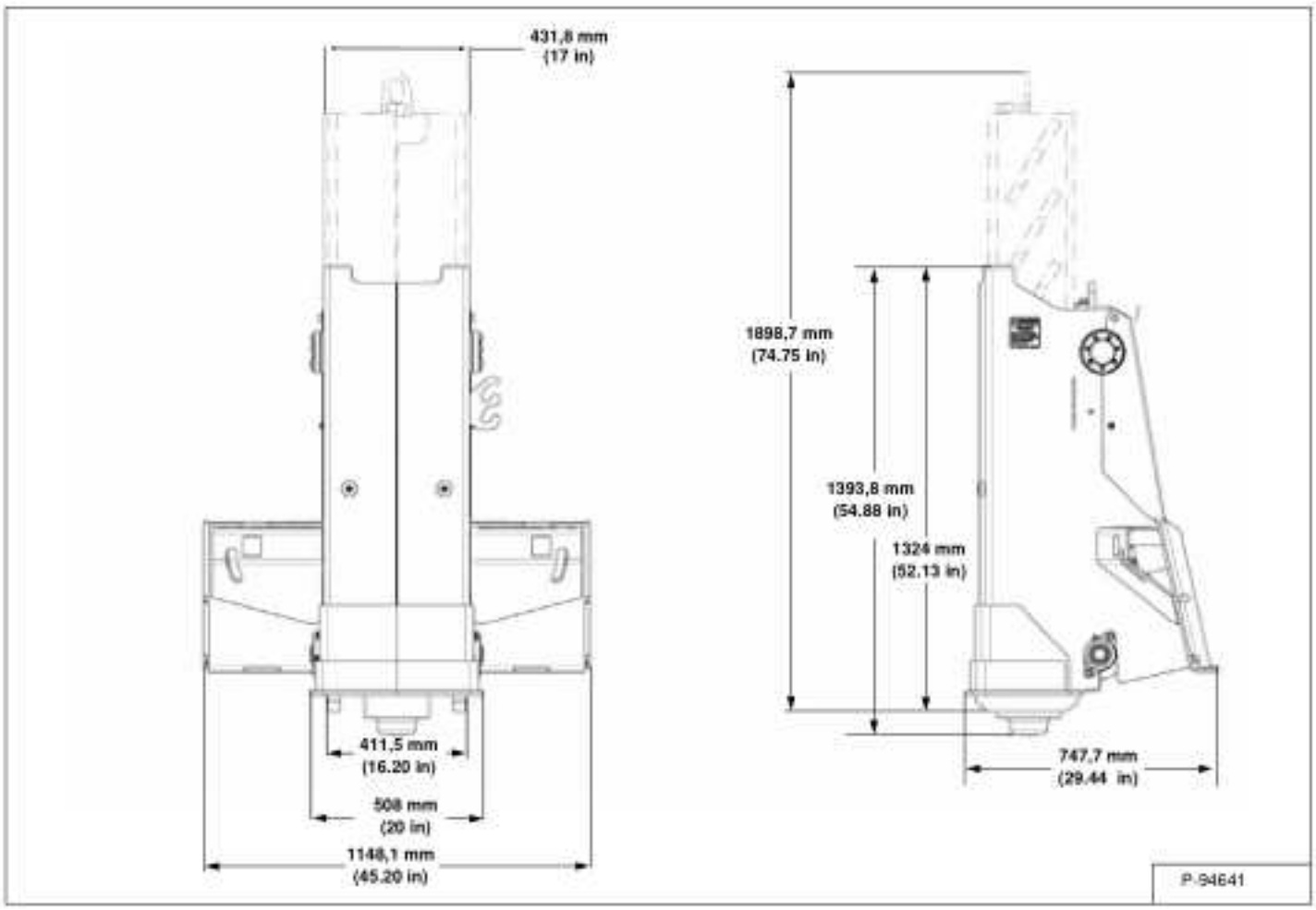
Grease points (Item 1) **[Figure 65]** are located on the front of the weight housing.

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DROP HAMMER 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.



Performance

DESCRIPTION	DROP HAMMER
Chain	#80 HSOC
Operation Weight	873 kg (1925 lb)
Tool Point	29.5 kg (65 lb)
Hammer Weight	518 kg (1140 lb)
Stroke Rate	20 STROKES / MINUTE

Hydraulic System

DESCRIPTION	DROP HAMMER
Minimum Flow	49.2 L/min (13 U.S. gpm)
Maximum Flow	83.3 L/min (22 U.S. gpm)

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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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