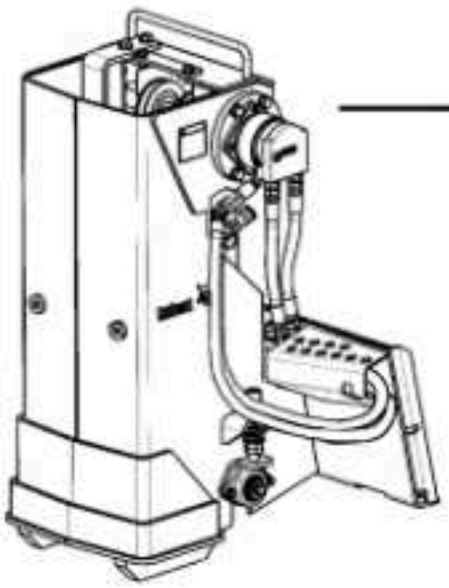
Drop Hammer

Bobcat®

Operation & Maintenance Manual

S/N 005800101 & Above



An Ingersoll Rand business

6902719 (12-03) Revised (2-05) (2)

Printed in U.S.A.

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REFERENCE INFORMATION

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

Drop Hammer Serial Number _____

_____

_____

_____

NOTES:

_____

_____

_____

_____

_____

_____

YOUR BOBCAT® DEALER:

ADDRESS:

_____

PHONE:

_____

Bobcat Company
P.O. Box 128
Gwinner, ND 58040-0128

Bobcat Company Europe
J. Huysmanslaan 59
B-1651 LOT
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 Drop Hammer. READ AND UNDERSTAND THIS OPERATION & MAINTENANCE MANUAL BEFORE OPERATING YOUR Drop Hammer. If you have any questions, see your Bobcat dealer.

ATTACHMENT DELIVERY REPORT VII

IDENTIFICATION AND MACHINE SIGNS (DECALS) VIII

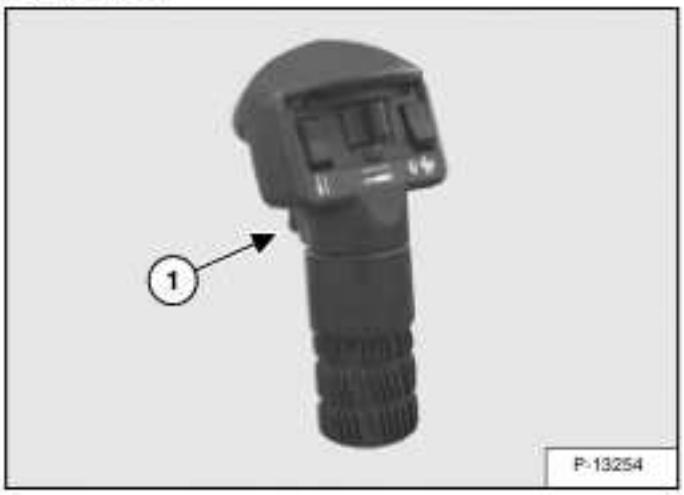
SERIAL NUMBER LOCATION VII

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OPERATING PROCEDURE

Auxiliary Hydraulics

Figure OI-24



Press the front switch (Item 1) **[Figure OI-24]** on the right steer lever to start the drop hammer. Press the switch a second time to stop the drop hammer.

Operating The Drop Hammer

Figure OI-25



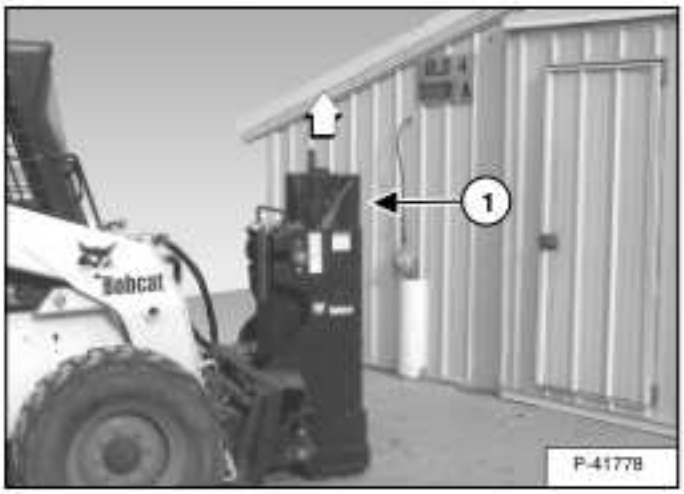
Position the drop hammer on surface to be broken **[Figure OI-25]**.

The drop hammer should be vertical to the surface to be broken and skid shoes firmly on the ground.

NOTE: Make sure there is adequate clearance above the drop hammer for the weight to be lifted during operation. (See Page SPEC-3.) for height with weight fully raised.

NOTE: Loader arms may be operated in the float position, this will decrease skid shoe wear.

Figure OI-26



Engage the auxiliary hydraulics and begin demolition of surface.

NOTE: During operation the drop hammer will be lifted and dropped approximately 20 times per minute.

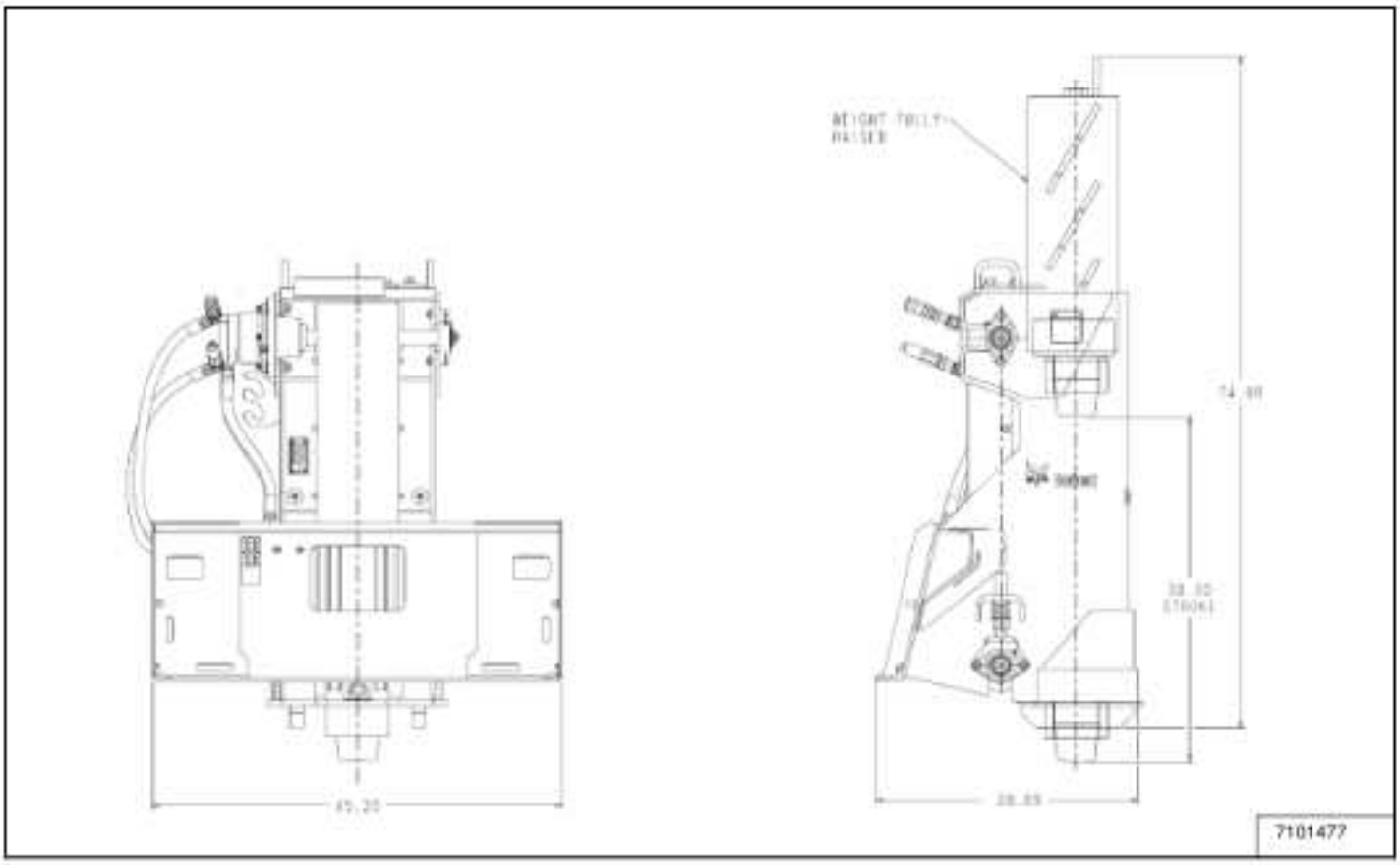
Allow hammer (Item 1) **[Figure OI-26]** to cycle until desired demolition is obtained. Thinner concrete (0-6 In) will require 1 hammer blow, thicker concrete (8 In. +) may require multiple blows. Slide drop hammer ONLY when the weight is in the raise cycle.

NOTE: If the auxiliary hydraulics are shut off during the raise cycle, the weight will slowly lower down.

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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	DROP HAMMER
Chain	#80 HSOC
Attachment Weight	1950 LBS.
Hammer Weight	1140 LBS.
Maximum Pressure	3500 PSI
Stroke Rate	20 STROKES / MINUTE

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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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