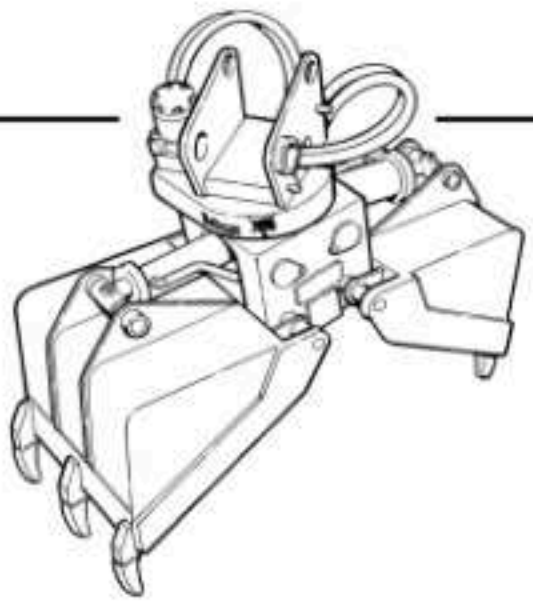
Rotating Grapple

Bobcat®

Operation & Maintenance Manual

Model 30 - S/N 775400101 & Above
Model 30 - S/N 775700101 & Above
Model 40 - S/N 775300101 & Above
Model 40 - S/N 775600101 & Above



An Ingersoll Rand business

6901783 (5-02) Revised (8-04) (2)

Printed in U.S.A.

© Bobcat Company 2004

MidWestTech | Bobcat 30, 40 Rotating Grapple Operation & Maintenance Manual | Publicat... Order the manual at mid-west-tech.com >

CONTENTS

FOREWORD V

SAFETY IX

OPERATING INSTRUCTIONS OI-1

PREVENTIVE MAINTENANCE PM-1

SPECIFICATIONS SPEC-1

REFERENCE INFORMATION

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

Rotating Grapple Serial Number _____

NOTES:

_____

_____

_____

_____

_____

_____

YOUR BOBCAT® DEALER:

ADDRESS:

_____

PHONE:

_____

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

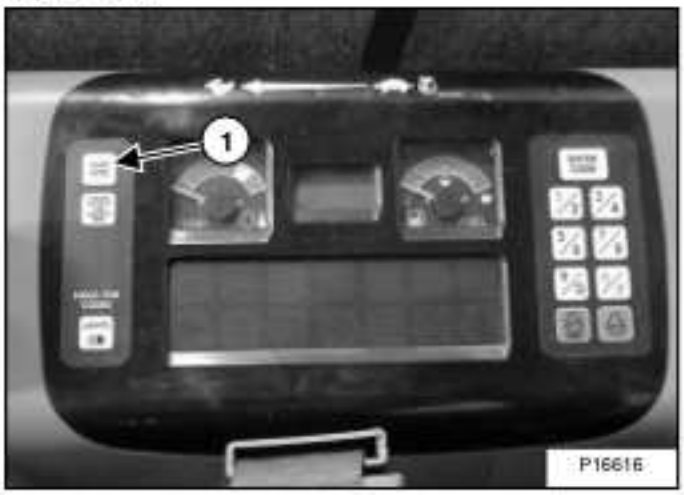
Bobcat Company Europe
J. Huysmanslaan 59
B-1651 LOT
Belgium

MidWestTech | Bobcat 30, 40 Rotating Grapple Operation & Maintenance Manual | Publicat... Order the manual at mid-west-tech.com >

OPERATING THE ROTATING GRAPPLE

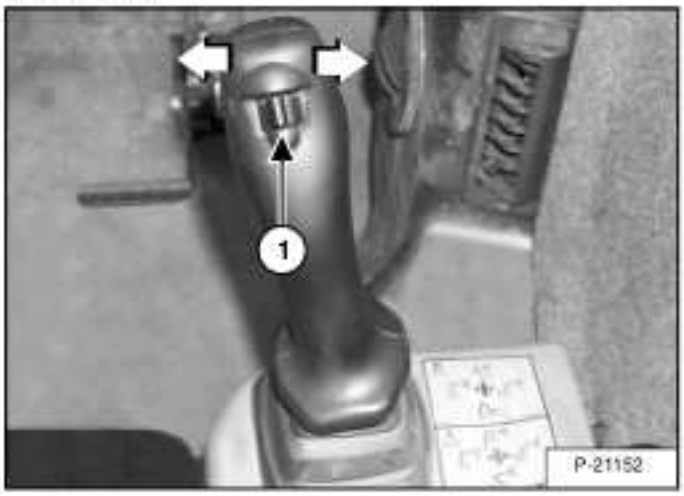
Auxiliary Hydraulic Controls

Figure OI-28



Press the AUX HYD Button on the right console (Item 1) **[Figure OI-28]**.

Figure OI-29



Press switch (Item 1) **[Figure OI-29]** to the right to open the bucket.

Press switch (Item 1) **[Figure OI-29]** to the left to close the bucket.

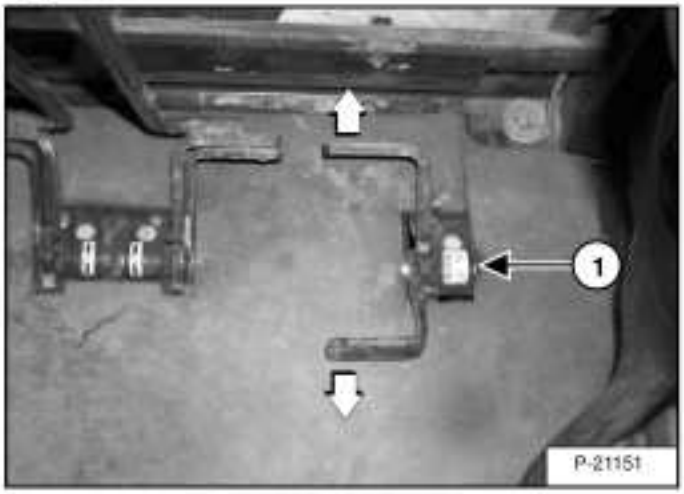
Figure OI-30



Press secondary auxiliary switch (Item 1) **[Figure OI-30]** to the right, this allows the operator to rotate the grapple with the foot pedal.

Press secondary auxiliary switch (Item 1) **[Figure OI-30]** to the left, this allows the operator to swing the boom with the foot pedal.

Figure OI-31



Pressing foot pedal (Item 1) **[Figure OI-31]** forward will rotate the grapple to the right.

Pressing foot pedal (Item 1) **[Figure OI-31]** backward will rotate the grapple to the left.

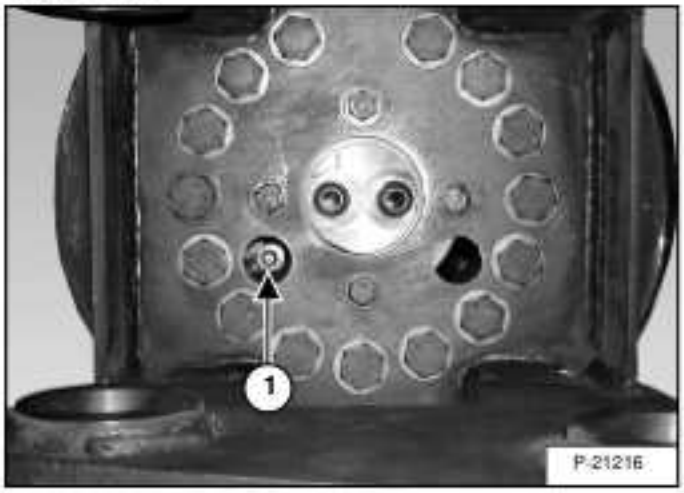
MidWestTech | Bobcat 30, 40 Rotating Grapple Operation & Maintenance Manual | Publicat... Order the manual at mid-west-tech.com >

LUBRICATION

Always use a good quality lithium base grease when lubricating the Rotating Grapple. Apply the lubricant until extra grease shows.

Daily Lubrication

Figure PM-2



Add grease to the fitting (Item 1) **[Figure PM-2]** on the bottom of the rotating mount.

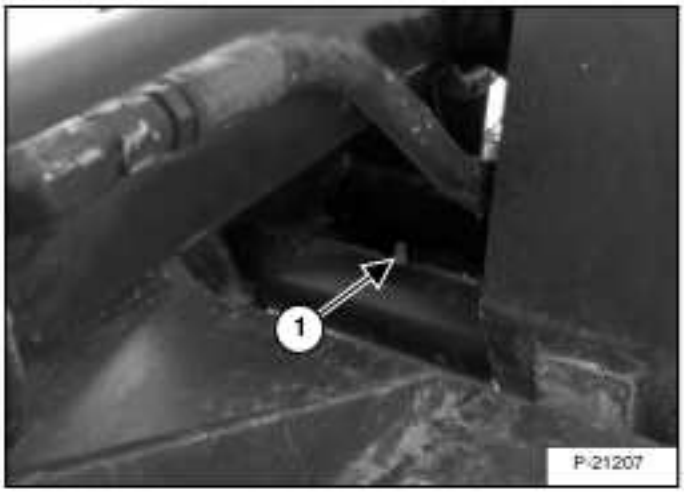
Add grease to both ends of the bucket cylinders.

Figure PM-3



NOTE: Rod end of bucket cylinder (Item 1) [Figure PM-3] shown.

Figure PM-4



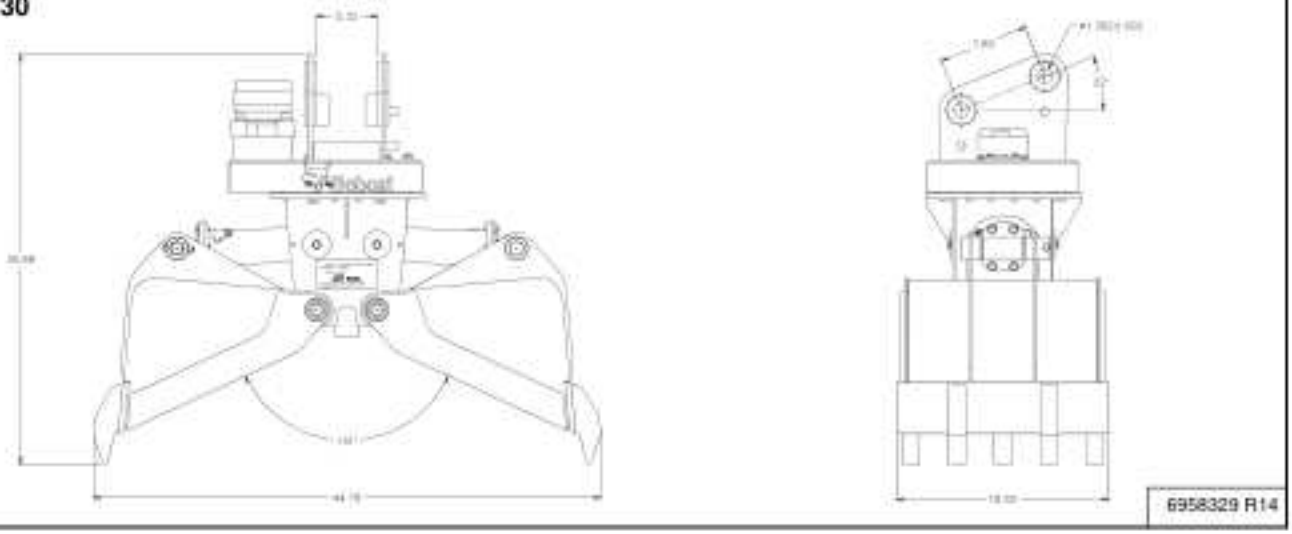
Add grease to both bucket pivot pins (Item 1) **[Figure PM-4]**.

MidWestTech | Bobcat 30, 40 Rotating Grapple Operation & Maintenance Manual | Publicat... Order the manual at mid-west-tech.com >

SPECIFICATIONS

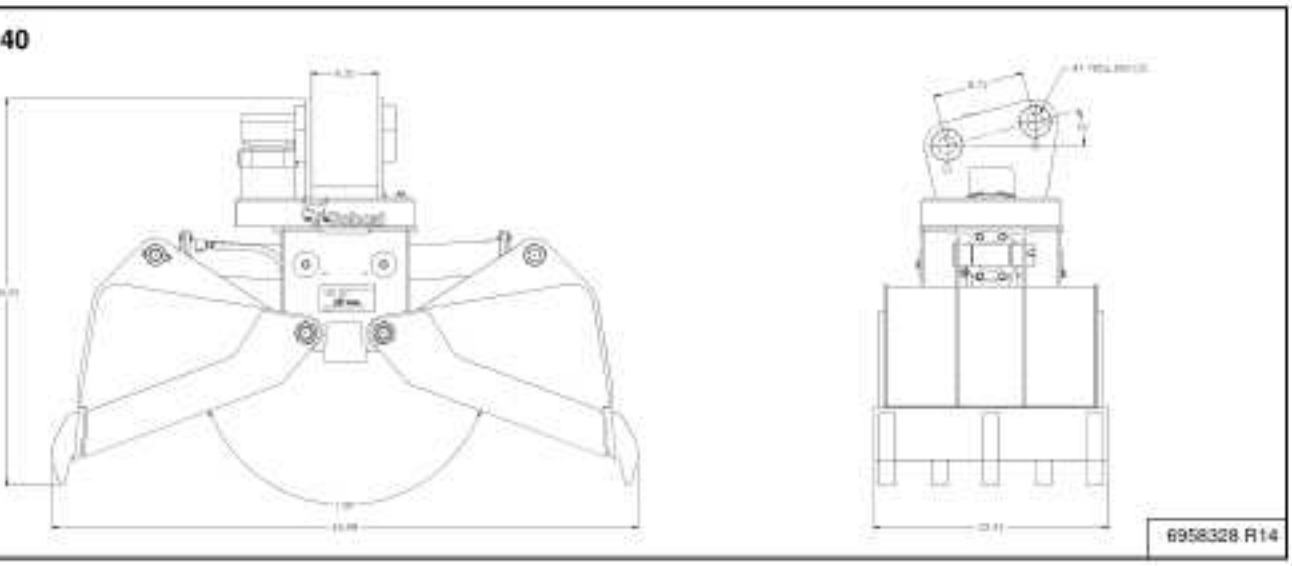
- All dimensions are shown in inches. Respective metric dimensions are given in millimeters enclosed by parentheses.
- Where applicable, specifications conform to **SAE and ISO** standards and are subject to change without notice.

MODEL 30



DESCRIPTION	SPECIFICATION
Minimum Hydraulic Flow Requirement	10 GPM
Maximum Operating Pressure	3000 PSI
Weight	515 LBS

MODEL 40



DESCRIPTION	SPECIFICATION
Minimum Hydraulic Flow Requirement	10 GPM
Maximum Operating Pressure	3000 PSI
Weight	640 LBS

MidWestTech | Bobcat 30, 40 Rotating Grapple Operation & Maintenance Manual | Publicat... 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 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 or Special Applications Kits are required for some work. See your Bobcat dealer about Bobcat Safety equipment.

SI ATT-1203

MidWestTech | Bobcat 30, 40 Rotating Grapple Operation & Maintenance Manual | Publicat... Order the manual at mid-west-tech.com >