COMBINATION BUCKET

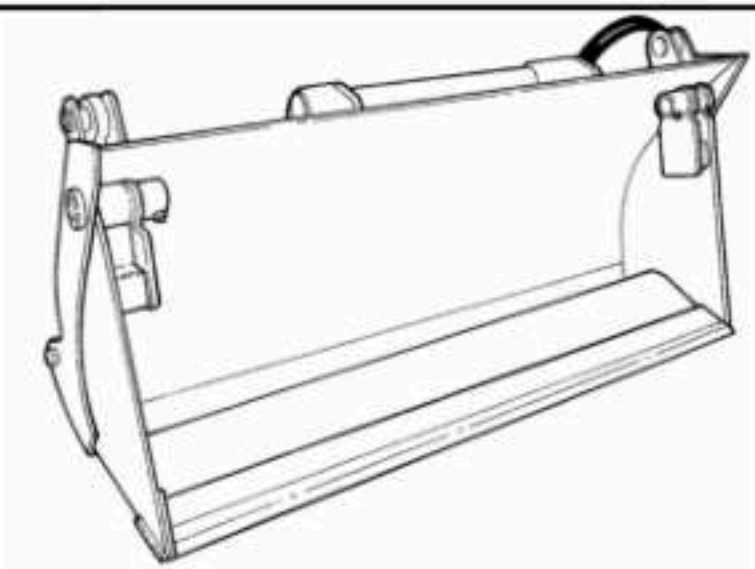
80" & 90"

Bobcat®

VersaHANDLER®

Operation & Maintenance Manual

S/N 028500101 & Above
S/N 028700101 & Above



An Ingersoll-Rand business

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REFERENCE INFORMATION

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

Bobcat Combination Bucket 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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GENERAL INFORMATION

Figure OI-1



Read and understand the VersaHANDLER Operation and Maintenance Manual **[Figure OI-1]** and/or the Operator's Handbook before attempting to operate the Combination Bucket.

The 80" and 90" Combination Buckets are approved for use on the VersaHANDLER models V518 and V623.

The warranty is void if this attachment is used on a non-approved carrier. See your Bobcat dealer for an updated list of approved carriers.

COMBINATION BUCKET INSTALLATION

Procedure

Always inspect the VersaHANDLER attachment mounting hooks, the attachment locking pins and the Combination Bucket mounting frame before each installation. (See INSPECTION on page PM-4.)

Enter the VersaHANDLER and perform the *PRE-STARTING PROCEDURE*. (See VersaHANDLER Operation and Maintenance Manual for this procedure.)

Fasten the seat belt, start the engine and disengage the parking brake.

Figure OI-2

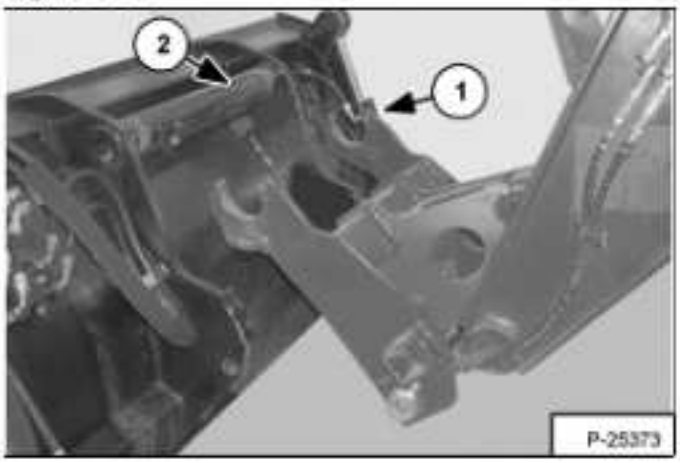


Press the bottom of the *Front Auxiliary Hydraulics ON/OFF* switch (Item 1) **[Figure OI-2]**.

NOTE: The *Front Auxiliary Hydraulics ON/OFF* switch (Item 1) [Figure OI-2] must be activated before you can engage or disengage the attachment locking pins.

Tilt the VersaHANDLER mounting frame forward.

Figure OI-3



Drive the VersaHANDLER forward until the mounting hooks (Item1) **[Figure OI-3]** are under the Combination Bucket mounting frame top tube (Item 2) **[Figure OI-3]**.

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Operating The Combination Bucket (Cont'd)

Figure OI-30

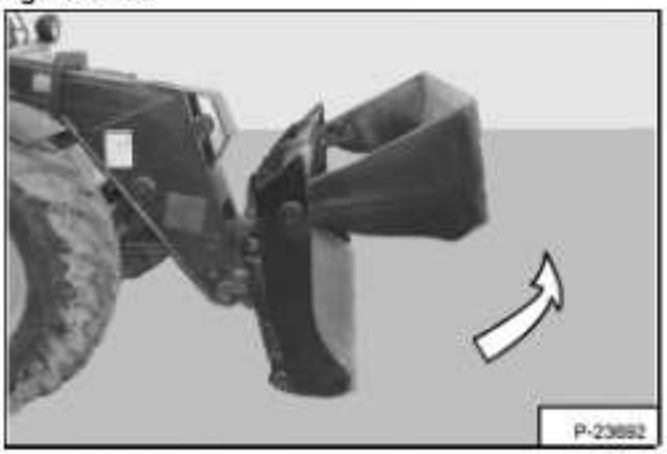
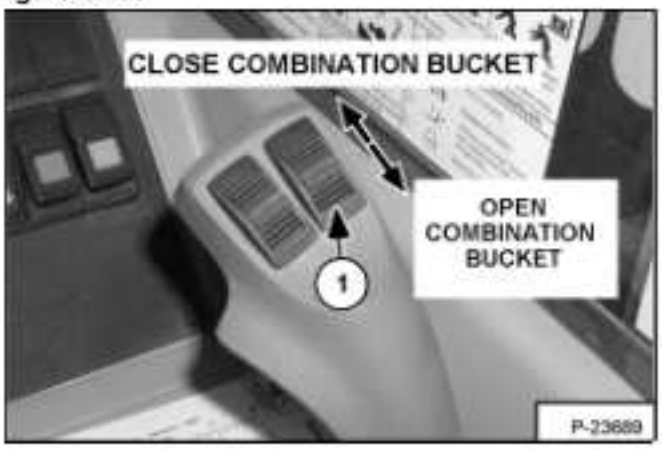
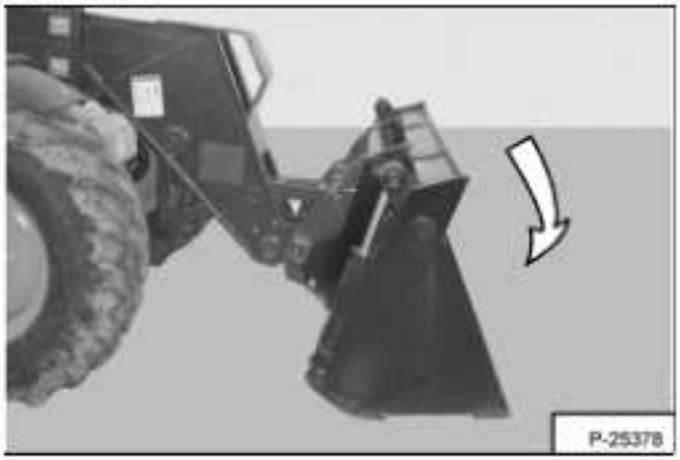


Figure OI-31



To open the combination bucket **[Figure OI-30]**, rotate the switch (Item 1) **[Figure OI-31]** down.

Figure OI-32



To close the combination bucket **[Figure OI-32]**, rotate the switch (Item 1) **[Figure OI-31]** forward.

Be sure the load is centered in the combination bucket. An offset load can cause an unstable condition when extending the boom.

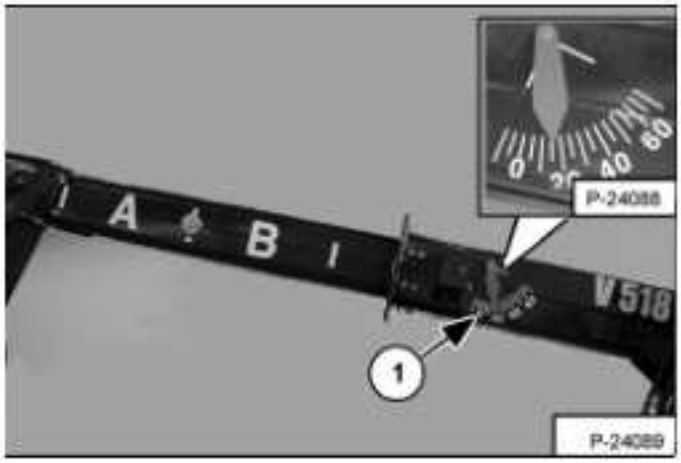
Check for over head and/or underground lines before operating the VersaHANDLER and combination bucket.



Always keep the load low when traveling.

Stop the VersaHANDLER on flat, solid and level ground. Put the Travel Direction Control Lever in neutral and engage the parking brake before raising and extending the boom.

Figure OI-33



The Rated Load Capacity Charts are designed with the VersaHANDLER on flat, level ground. If the VersaHANDLER is on a slope, the Boom Angle Indicator (Item 1) **[Figure OI-33]** will not show an accurate angle. Always lift and extend the boom when the VersaHANDLER is on flat, level and solid ground.

Always lift the load with the boom retracted, then extend the boom as needed, staying within the Rated Load Capacity for the height and extension.

Place the load, then retract the boom and lower the combination bucket.

Slowly move the machine backward.

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SPECIFICATIONS

80" Combination Bucket

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

Illustration not available at time of printing.

Combination Bucket Overall width	80.0" (2032 mm)
Hydraulic Cylinders	Two Doubleacting
Cylinder Diameter	2.50" (63.5 mm)
Cylinder Rod Diameter	1.25" (30.5 mm)
Cylinder Stroke	8.0" (203 mm)
Weight	N/A lb. (N/A kg)

90" Combination Bucket

Illustration not available at time of printing.

Combination Bucket Overall Width	90.0" (2286 mm)
Hydraulic Cylinders	Two Doubleacting
Cylinder Diameter	2.50" (63.5 mm)
Cylinder Rod Diameter	1.25 in. (30.5)
Cylinder Stroke	8.0" (203 mm)
Weight	N/A lb. (N/A kg)

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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 or Special Applications Kits are required for some work. See your Bobcat dealer about Bobcat Safety equipment.

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