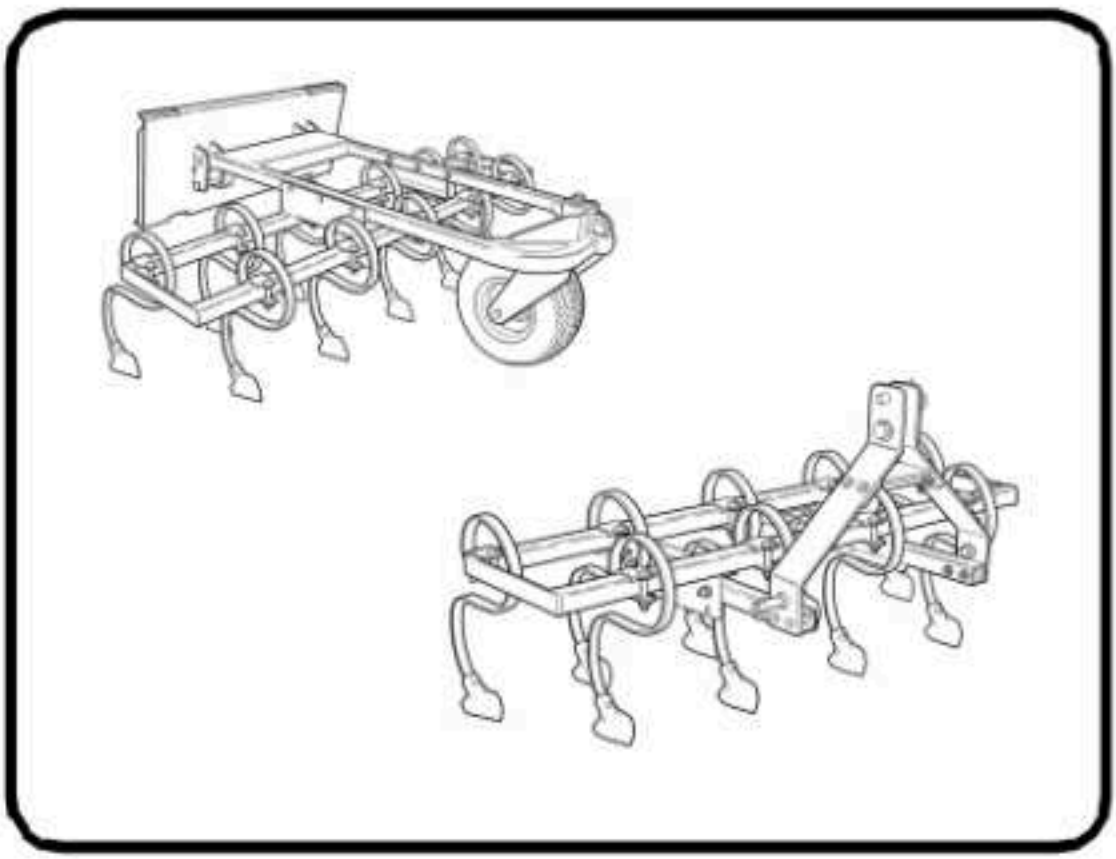
Bobcat®

Operation & Maintenance Manual
Soil Cultivator

S/N 018600101 & Above



6903827 (10-06)

Ingersoll Rand
Compact Vehicle Technologies
Printed in U.S.A.

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REFERENCE INFORMATION

Write the correct information for YOUR soil cultivator in the spaces below. Always use these numbers when referring to your Bobcat Soil Cultivator.

Bobcat Soil Cultivator Serial Number _____

Engine Serial Number _____

_____

_____

NOTES _____

_____

_____

_____

YOUR BOBCAT SOIL CULTIVATOR 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 Bobcat Soil Cultivator. READ AND UNDERSTAND THIS OPERATION & MAINTENANCE MANUAL BEFORE OPERATING YOUR MACHINE. If you have any questions, see your Bobcat dealer.

BOBCAT COMPANY IS ISO 9001:2000 CERTIFIED V

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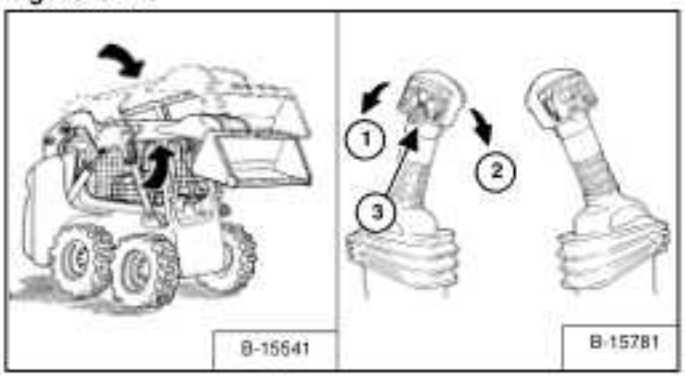
SERIAL NUMBER LOCATIONS VI
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Control Functions (Cont'd)

Advanced Control System (ACS) In HAND Control Mode

Figure OI-29



Lift Arm Operation - (Left Hand Lever)

Move the lever outward (Item 1) **[Figure OI-29]** to raise the lift arms.

Move the lever inward (Item 2) **[Figure OI-29]** to lower the lift arms.

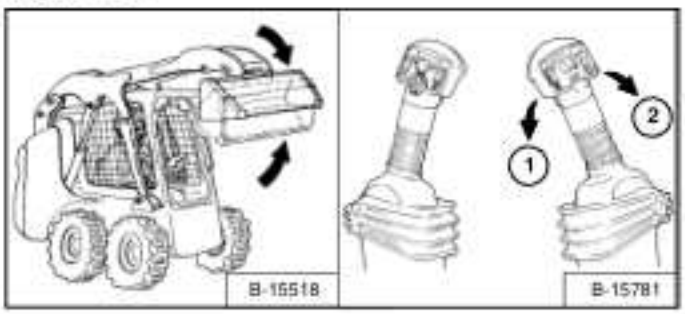
Lift Arm Float Position - (Left Hand Lever)

Press and hold the Float Button (Item 3) **[Figure OI-29]** while the lever is in neutral. Move the lever to lift arm down position (Item 2) **[Figure OI-29]**, then release the button.

Press Float Button again or move the lever to lift arm up position (Item 3) **[Figure OI-29]**.

Use the float position of the lift arms to level loose material while driving backward.

Figure OI-30



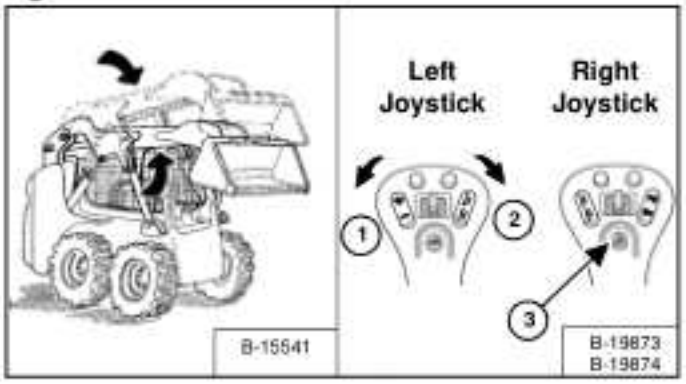
Tilt Operation - (Right Hand Lever)

Move the lever inward (Item 1) **[Figure OI-30]** to tilt the bucket backward.

Move the lever outward (Item 2) **[Figure OI-30]** to tilt the bucket forward.

Selectable Joystick Control (SJC) in 'H' Control Pattern

Figure OI-31



Lift Arm Operation (Left Hand Joystick)

Move the joystick outward (Item 1) **[Figure OI-31]** to raise the lift arms.

Move the joystick inward (Item 2) **[Figure OI-31]** to lower the lift arms.

Lift Arm Float Position - (Left & Right Hand Joysticks)

Press and hold the Float Button (Item 3) **[Figure OI-31]** while the joysticks are in neutral. Move the left joystick to lift arm down position (Item 2) **[Figure OI-31]**, then release the button.

Press Float Button again or move the left joystick to lift arm up position (Item 3) **[Figure OI-31]** to disengage.

Use the float position of the lift arms to level loose material while driving backward.

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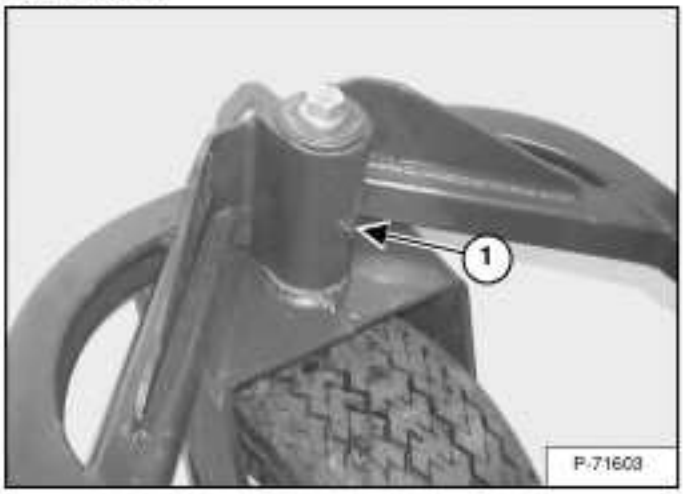
LUBRICATING THE ATTACHMENT

Lubrication Locations

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

Lubricate the grease fittings, EVERY 8-10 hours.

Figure PM-1



Apply grease to the spindle grease fitting (Item 1) **[Figure PM-1]**.

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SOIL CULTIVATOR SPECIFICATIONS (CONT'D)

Tires

Standard	
Recommended Pressure	Inflate tires to MAXIMUM pressure shown on the side wall of the tire.

Weight

62 inch Bob-Tach Mounted	442 lb. (201 Kg)
78 inch Bob-Tach Mounted	470 lb. (213 Kg)
62 inch Three-Point Mounted	192 lb. (87 Kg)
78 inch Three-Point Mounted	249 lb. (113 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, 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 IMP-0806

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