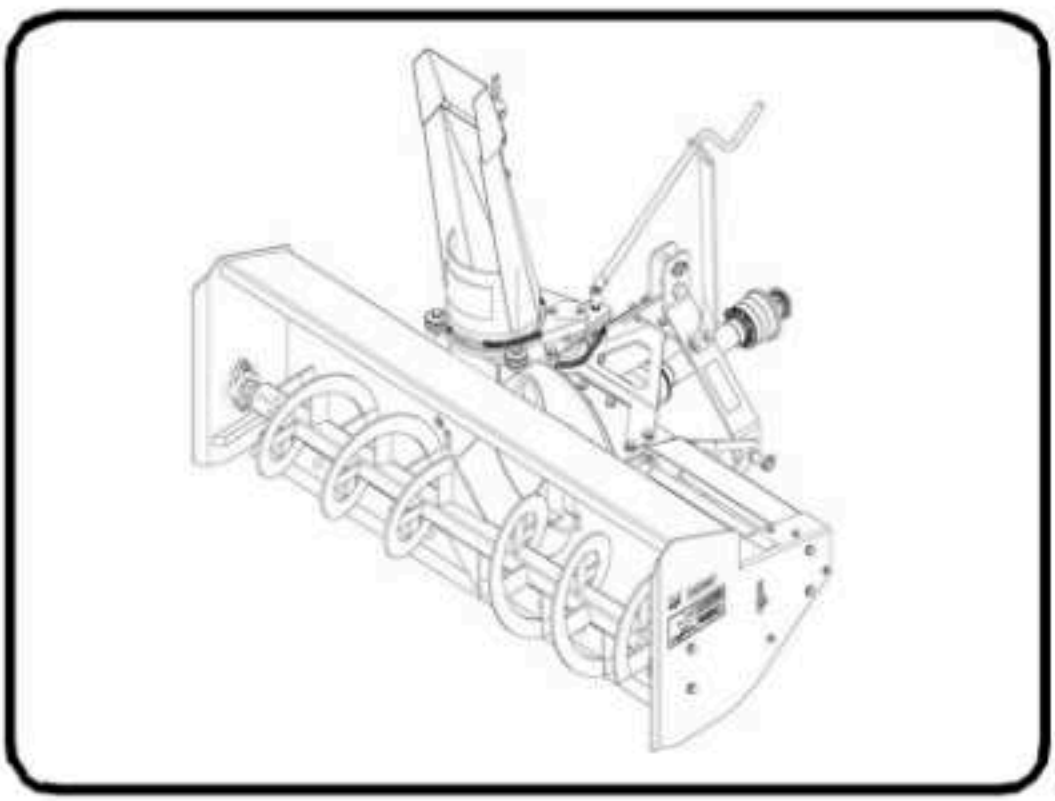
Bobcat®

Operation & Maintenance Manual
Three-Point Snow Blower

3SB
(54 Inch) S/N ABCW00101 & Above
(66 Inch) S/N ABCU00101 & Above
(72 Inch) S/N AB4K00101 & Above



6986931 (8-08)

Printed in U.S.A.

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REFERENCE INFORMATION

Write the correct information for YOUR three-point snow blower in the spaces below. Always use these numbers when referring to your three-point snow blower.

Three-Point Snow Blower Serial Number _____

_____

_____

_____

NOTES:

_____

_____

_____

YOUR BOBCAT® DEALER:

ADDRESS:

_____

PHONE:

_____

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

Bobcat Company Europe
Dréve Richelle 167
B-1410 WATERLOO
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 three-point snow blower. READ AND UNDERSTAND THIS OPERATION & MAINTENANCE MANUAL BEFORE OPERATING YOUR three-point snow blower. If you have any questions, see your Bobcat dealer.

BOBCAT COMPANY IS ISO 9001:2000 CERTIFIED V

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OPERATING PROCEDURE WITH UTILITY WORK MACHINE (CONT'D)

Operation With The Work Machine (Cont'd)

Operating The Three-Point Implement

When at the area to be cleared, lower the three-point snow blower from the travel position.

NOTE: Damage to three-point snow blower and work machine may be caused if PTO is engaged while in the travel position.

Rotate the discharge chute to the desired position and adjust deflector to control the distance the snow is thrown. (See Machine / Implement Setup on Page OI-25.)

⚠ WARNING

AVOID INJURY OR DEATH

Never direct discharge toward bystanders, building or other property. Foreign objects or ice chunks can be thrown great distances.

W-2382-0900

The upper link may need to be adjusted to set the cutting edge to get the desired finish for the area being cleared. (See Top Link Adjustment on Page OI-30.)

Enter the work machine. (See Entering And Exiting The Work Machine on Page OI-26.) Start the engine.

Raise the three-point snow blower a few inches from ground. (See the Utility Work Machine Operation & Maintenance Manual for detailed information on operating the three-point hitch.)

Engaging PTO

IMPORTANT

- **To avoid start-up overload on PTO driveline, reduce engine speed to low idle when engaging the PTO. After PTO driveline is rotating, increase engine speed.**

I-2272-0608

Move the Engine Speed Control lever to low engine speed.

Engage the rear-PTO system (see the Utility Work Machine Operation and Maintenance Manual on operating the rear-PTO).

The rear-PTO driveline will start to rotate and the three-point snow blower auger will begin to turn.

Move the engine speed lever to increase engine speed to the correct RPM as indicated on the tachometer. This will cause the rear-PTO shaft to rotate at 540 RPM. Do Not exceed a rear-PTO speed of 540 RPM.

NOTE: If the Toolcat Interlock Control System (TICS) arm rest is raised while the PTO is engaged, the PTO system will disengage.

1. Lower the three-point snow blower setting the skid shoes on the ground.
2. Start backing up, moving towards the other end of the area to be cleared. Watch for and avoid obstructions and obstacles that may cause damage to the three-point snow blower and work machine.
3. When done with pass, stop backing up and raise the three-point snow blower a few inches off the ground. Use caution when raising the three-point implement when the PTO is engaged, if the three-point snow blower is raised to high the PTO shaft may bind causing damage.

NOTE: Caution is to be used when raising the three-point snow blower when PTO is engaged.

4. Drive the work machine back to the starting end, while moving over up to 3/4 the width of the three-point snow blower to the side to be cleared.
5. Follow steps 1 through 4 until the area is cleared.

The work machine speed is determined by the depth and density of the snow.

⚠ WARNING

FLYING OBJECTS AND ROTATING PARTS CAN CAUSE INJURY OR DEATH

- **Stay at least 10 ft (3 m) away from operating equipment.**
- **Stop engine before cleaning or servicing.**
- **Keep all guards in place.**

W-2706-0408

Disengaging PTO

Move the engine speed lever back to the low idle position.

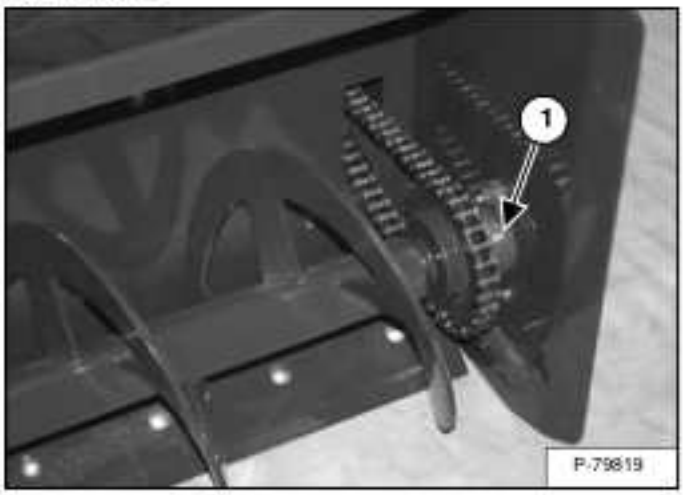
Disengage the rear-PTO system. (See the Utility Work Machine Operation and Maintenance Manual on operating the rear-PTO).

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LUBRICATING THE IMPLEMENT (CONT'D)

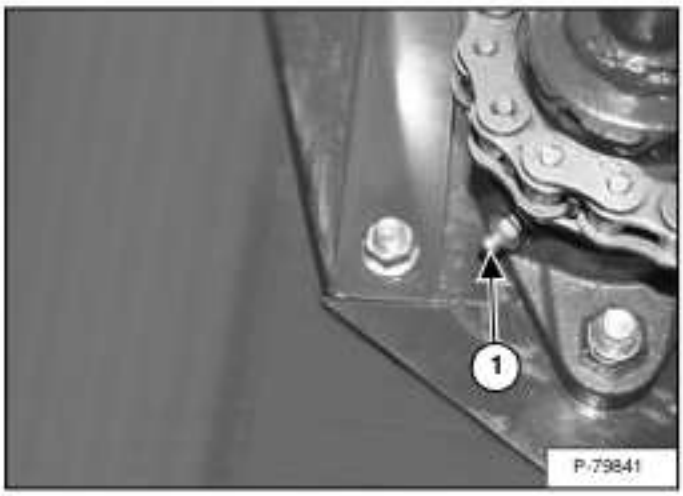
Lubrication Locations (Cont'd)

Figure PM-7



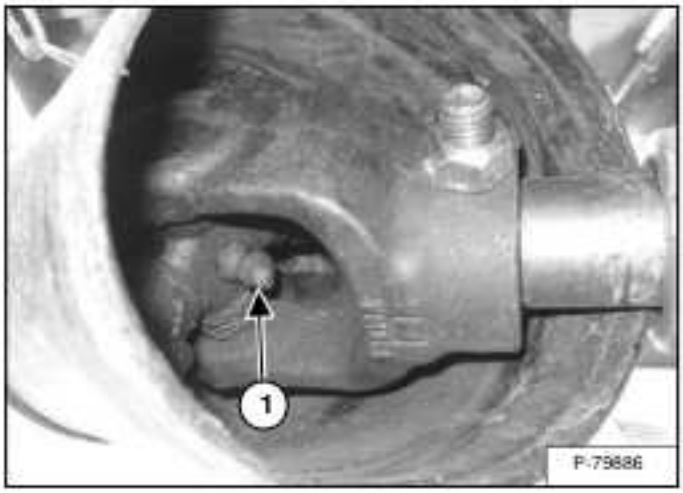
The grease zerk (Item 1) **[Figure PM-7]** is located on the right side of the auger on the bearing block, wipe any excess grease or dirt off before greasing.

Figure PM-8



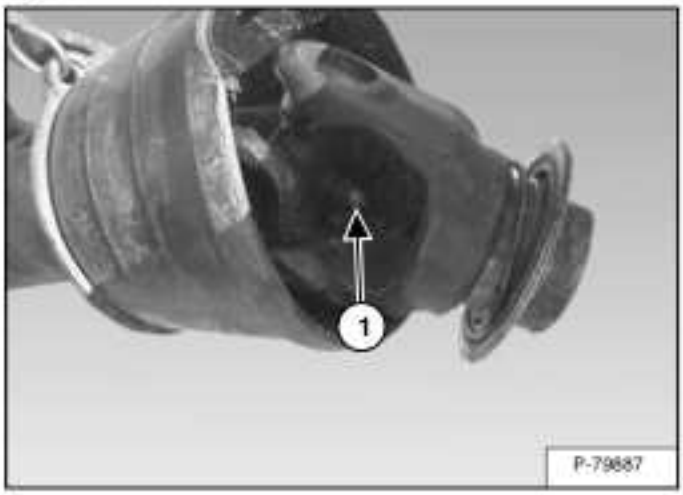
The grease zerk (Item 1) **[Figure PM-8]** is located on the right side of the three-point snow blower under the chain guard on the bottom of the bearing block, wipe any excess grease or dirt off before greasing.

Figure PM-9



The grease zerk (Item 1) **[Figure PM-9]** is located on the gearbox side of the PTO shaft on the knuckle, wipe any excess grease or dirt off before greasing.

Figure PM-10



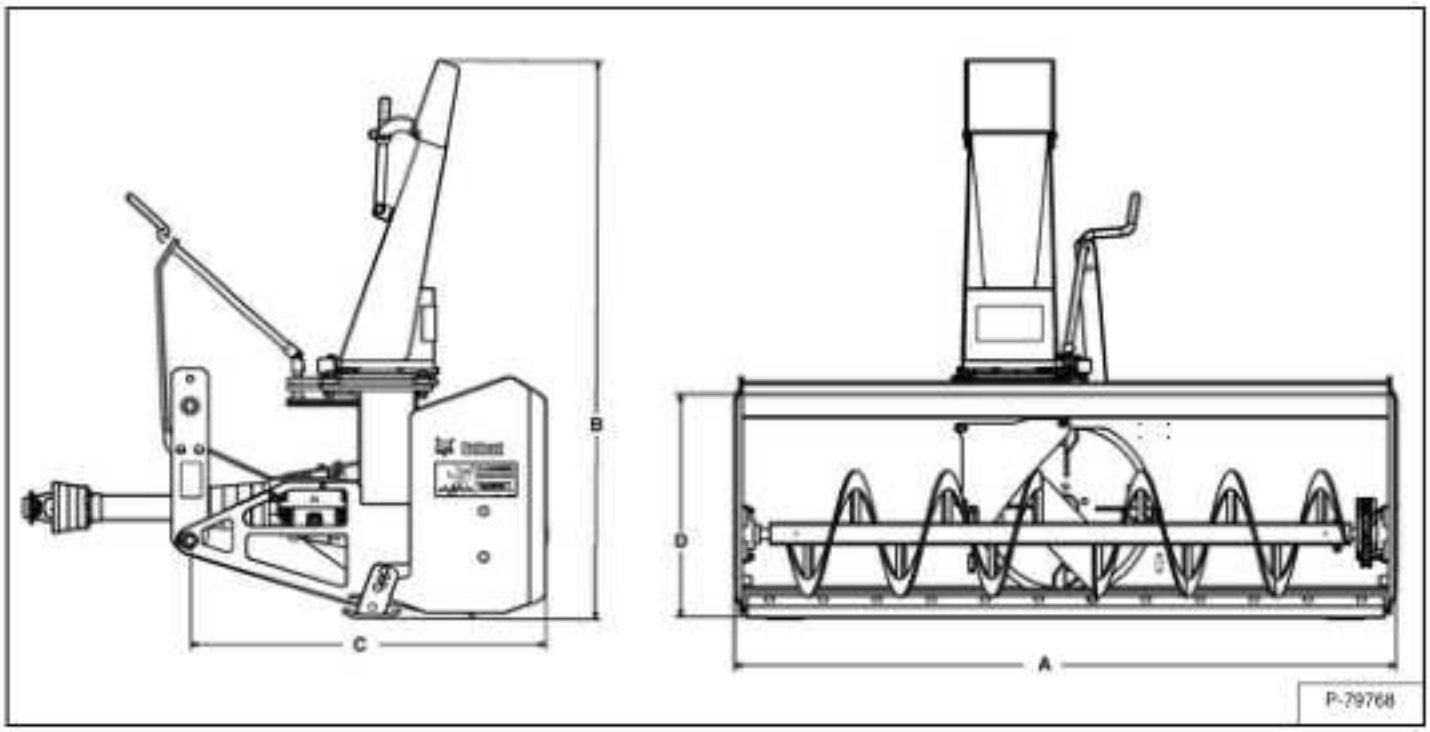
The grease zerk (Item 1) **[Figure PM-10]** is located on the compact tractor side of the PTO shaft on the knuckle, wipe any excess grease or dirt off before greasing.

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THREE-POINT SNOW BLOWER IMPLEMENT SPECIFICATIONS (CONT'D)

Dimensions

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



DESCRIPTION	54 in.	66 in.	72 in.
Approx. Width (A)	55.75 in. (1416 mm)	67.75 in. (1720 mm)	73.75 in. (1874 mm)
Approx. Height (B)	62.0 in. (1574 mm)	62.0 in. (1574 mm)	62.0 in. (1574 mm)
Approx. Length (C)	40.0 in. (1016 mm)	40.0 in. (1016 mm)	40.0 in. (1016 mm)
Intake (D)	25.0 in. (635 mm)	25.0 in. (635 mm)	25.0 in. (635 mm)
Operating Weight	650 lb. (295 Kg)	704 lb. (319 Kg)	732 lb. (330 Kg)
Fan Diameter	20.0 in. (508 mm)	20.0 in. (508 mm)	20.0 in. (508 mm)
Auger Diameter	14.0 in. (356 mm)	14.0 in. (356 mm)	14.0 in. (356 mm)
Chute Rotation	230°	230°	230°
Deflector Control	Manual	Manual	Manual
Discharge Chute Control	Manual crank handle	Manual crank handle	Manual crank handle
Throw Distance	*Up to 40 ft. (12,2 m)	*Up to 40 ft. (12,2 m)	*Up to 40 ft. (12,2 m)
Cutting Edge	.5 x 4.0 in. (13 x 102 mm)	.5 x 4.0 in. (13 x 102 mm)	.5 x 4.0 in. (13 x 102 mm)
Skid Shoes	Adjustable/Replaceable	Adjustable/Replaceable	Adjustable/Replaceable
* Depending on travel speed and condition of snow.			

Capacities

Gearbox Fluid	28 fl. oz. of SAE EP 80W90

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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

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 implement 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 implement.

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 implement safely under all conditions of the work area. Fasten seat belt securely when Roll-Over Protective Structure (ROPS) is up and locked. DO NOT wear the seat belt if ROPS is down.

Know the Work Conditions

- Know the weight of the materials being handled. Avoid exceeding the machine and implement 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.

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