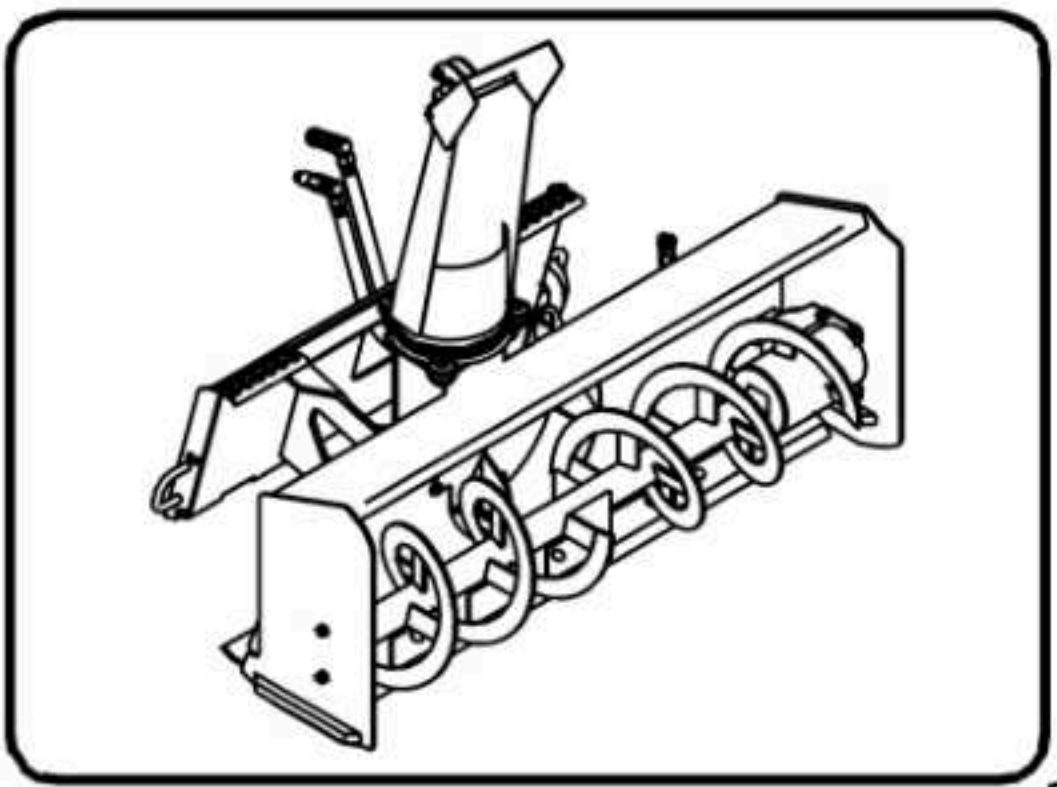
Bobcat®

Operation & Maintenance Manual
Snowblower

(SB 200 x 54) S/N 713500101 & Above
(SB 200 x 60) S/N 712700101 & Above
(SB 200 x 66) S/N 712800101 & Above
(SB 200 x 72) S/N 712900101 & Above
(SB 200 x 78) S/N 713000101 & Above

(SB 240 x 72) S/N 713100101 & Above
(SB 240 x 84) S/N 713200101 & Above

(SBX 240 x 72) S/N A00F00101 & Above
(SBX 240 x 84) S/N 713600101 & Above



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REFERENCE INFORMATION

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

Snowblower Serial Number _____

NOTES:

_____

_____

_____

YOUR BOBCAT® DEALER:

_____

ADDRESS:

_____

PHONE:

_____

Bobcat Company
P.O. Box 128
Gwinner, ND 58040-0128
UNITED STATES OF AMERICA

Doosan Benelux SA
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 snowblower. READ AND UNDERSTAND THIS OPERATION & MAINTENANCE MANUAL BEFORE OPERATING YOUR SNOWBLOWER. If you have any questions, see your Bobcat dealer.

ATTACHMENT IDENTIFICATION VII

BOBCAT COMPANY IS ISO 9001 CERTIFIED V

DELIVERY REPORT VI

FEATURES AND ACCESSORIES VIII
Standard Items VIII

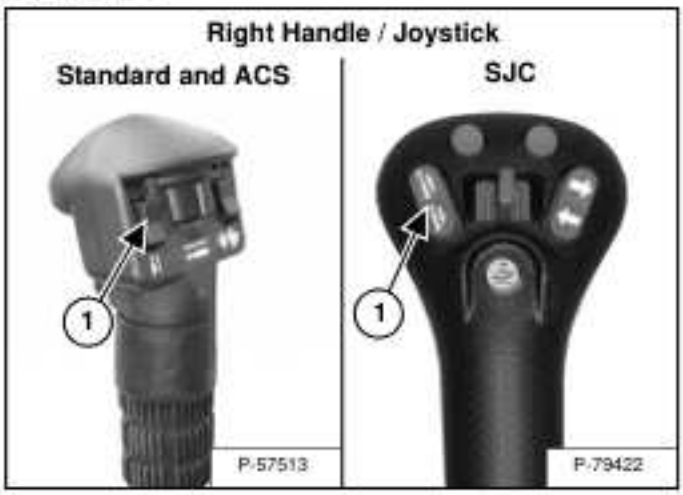
SERIAL NUMBER LOCATION VI
Attachment Serial Number VI

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Control Functions (Cont'd)

Deflector Operation

Figure OI-88



Pressing the bottom of the switch (Item 1) **[Figure OI-88]** on the right steering lever will extend the deflector cylinder, causing the deflector to rotate down.

Pressing the top of the switch (Item 1) **[Figure OI-88]** on the right steering lever will retract the deflector cylinder, causing the deflector to rotate up.

Discharge Chute Operation

⚠ DANGER

AVOID INJURY OR DEATH

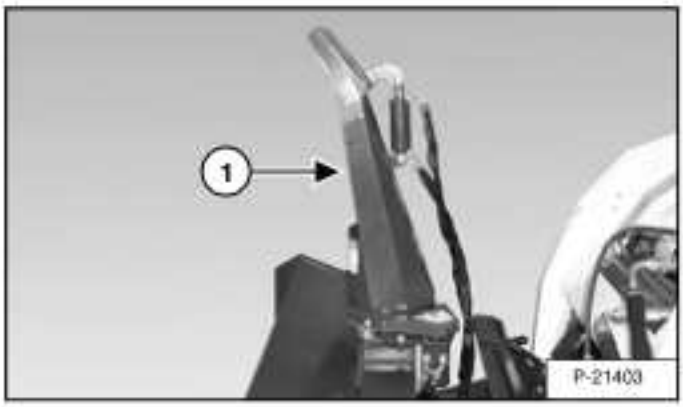
Keep away from auger, fan and other moving parts. Do not operate with guards removed.

D-1006-0708

Figure OI-89



Figure OI-90



NOTE: The auxiliary hydraulics must be activated before operating the chute rotation or deflector functions.

Pressing the switch (Item 1) **[Figure OI-89]** on the left steering lever to the left will rotate the discharge chute (Item 1) **[Figure OI-90]** to the left.

Pressing the switch (Item 1) **[Figure OI-89]** on the left steering lever to the right will rotate the discharge chute (Item 1) **[Figure OI-90]** to the right.

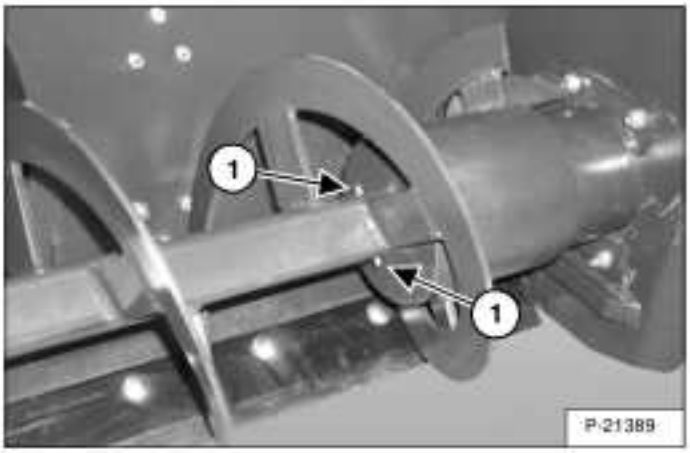
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LUBRICATING THE ATTACHMENT

Lubrication Locations

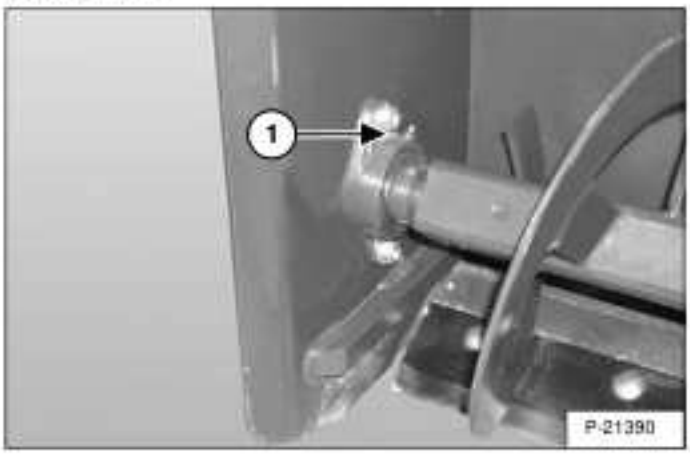
Always use a good quality lithium base grease when lubricating the snowblower.

Figure PM-1



Add grease to the fittings (Item 1) **[Figure PM-1]** on the left side of the auger shaft.

Figure PM-2



Add grease to the fitting (Item 1) **[Figure PM-2]** on the right side of the auger shaft.

REMOVAL AND INSTALLATION

Cutting Edge Replacement

⚠ WARNING

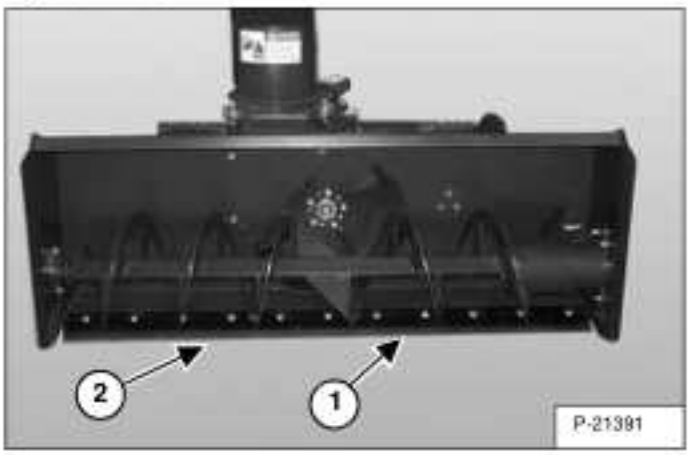
AVOID INJURY OR DEATH

Wear safety glasses to prevent eye injury when any of the following conditions exist:

- **When fluids are under pressure.**
- **Flying debris or loose material is present.**
- **Engine is running.**
- **Tools are being used.**

W-2019-0907

Figure PM-3



Remove the bolts and nuts (Item 2) **[Figure PM-3]**.

Installation: Tighten the bolts to 65 - 70 ft.-lb. (88 - 95 N•m) torque.

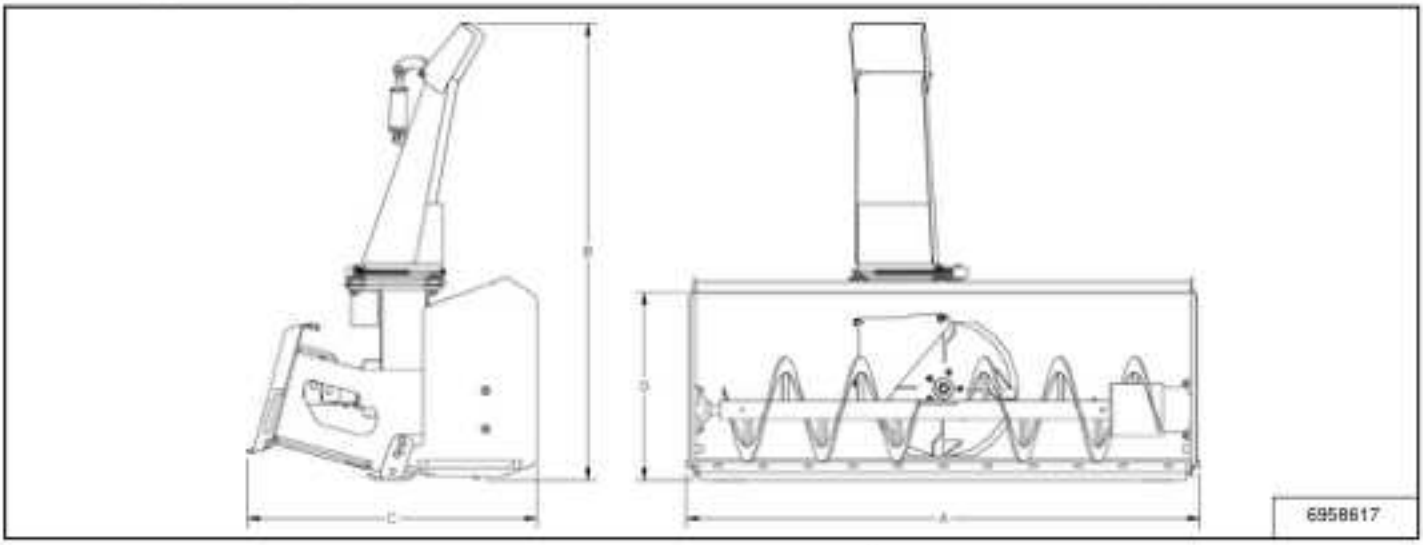
Remove the cutting edge (Item 1) **[Figure PM-3]**.

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(SBX 240 X 72 & SBX 240 X 84) SNOWBLOWER SPECIFICATIONS

Dimensions

- 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	SBX 240 X 72 (72 IN.)	SBX 240 X 84 (84 IN.)
Width (A)	74.5 in. (1892 mm)	86.5 in. (2197 mm)
Height (B)	65.5 in. (1664 mm)	65.5 in. (1664 mm)
Length (C)	44.43 in. (1128.5 mm)	44.43 in. (1128.5 mm)
Intake (D)	34.5 in. (876 mm)	34.5 in. (876 mm)
Fan Diameter	24.0 in. (610 mm)	24.0 in. (610 mm)
Auger Diameter	18.5 in. (470 mm)	18.5 in. (470 mm)

Performance

DESCRIPTION	SBX 240 X 72 (72 IN.)	SBX 240 X 84 (84 IN.)
Operating Weight	1045 lb. (474 kg)	1105 lb. (501 kg)
Chute Rotation	270°	270°
Deflector Control	Hydraulic	Hydraulic
Throw Distance	*Up to 45 ft.(12.2M)	*Up to 45 ft. (12.2M)
Cutting Edge	0.5 x 4.0 in. (13 x 102 mm)	0.5 x 4.0 in. (13 x 102 mm)
Hydraulic Flow	35 - 42 GPM (132 - 159 L/min.)	35 - 42 GPM (132 - 159 L/min.)
Max. HYD Pressure	3500 PSI 241,32 bar)	3500 PSI 241,32 bar)
* Depending on loader operating pressure, travel speed and condition of snow.		

Hydraulic System

MOTOR PACKAGES

Hydraulic Flow Range	12 - 16 GPM (42,4 - 60,6 L/m)	14.5 - 18 GPM (54,8 - 68,1 L/m)	16.5 - 21 GPM (62,5 - 79,5 L/m)	21 - 26 GPM (79,5 - 98,4 L/m)	25 - 31 GPM (94,6 - 117,3 L/m)	30 - 38 GPM (113,6 - 143,8 L/m)
Fan Motor Number	105 - 1398	105 - 1399	105 - 1400	105 - 1401	105 - 1402	105 - 1403
Auger Motor Number	104 - 1027	104 - 1027	104 - 1028	104 - 1028	104 - 1228	104 - 1228
Maximum Operating Pressure	2500 - 3500 PSI (172,36 - 241,32 bar)	2500 - 3500 PSI (172,36 - 241,32 bar)	2500 - 3500 PSI (172,36 - 241,32 bar)	2500 - 3500 PSI (172,36 - 241,32 bar)	2500 - 3500 PSI (172,36 - 241,32 bar)	2500 - 3500 PSI (172,36 - 241,32 bar)

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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 operating the machine. Untrained operators can cause injury or death.

W-2001-0502

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 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 and the attachment.

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 *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.

SI ATT-0509

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