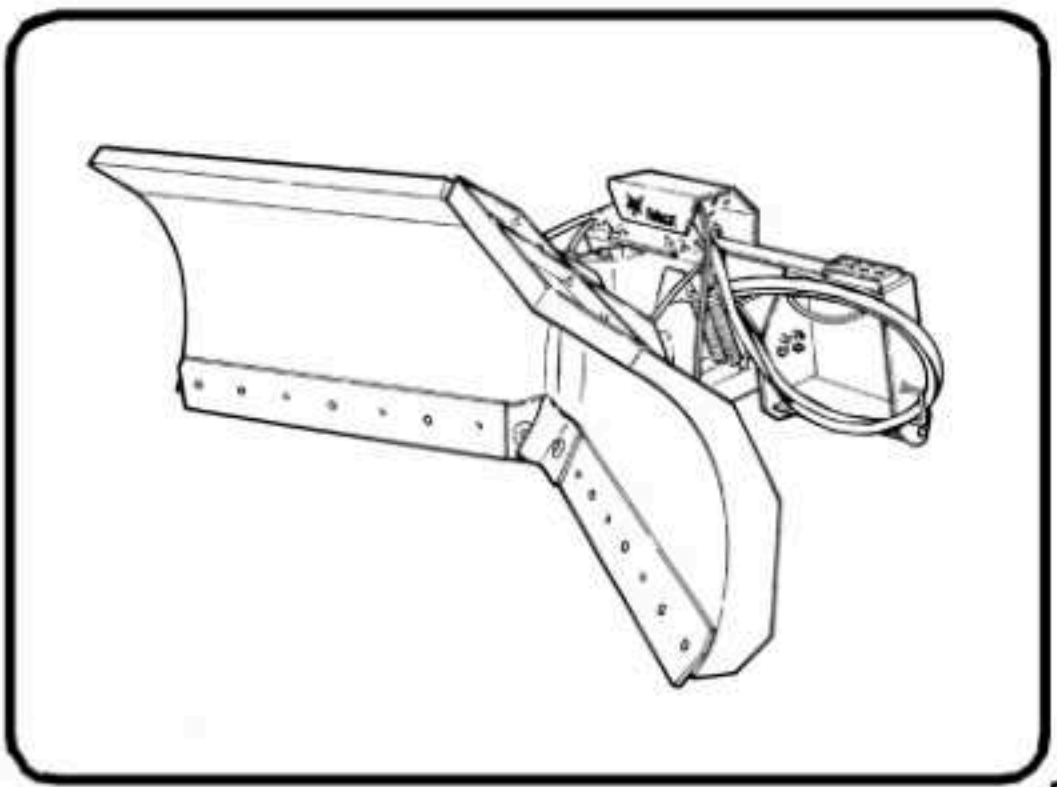
Bobcat®

Operation & Maintenance Manual
V-Blade

(V-Blade 60 Man) S/N A01800101 & Above
(V-Blade 60) S/N 083800101 & Above
(V-Blade 60 7-Pin) S/N 084300101 & Above
(V-Blade 72) S/N 083900101 & Above
(V-Blade 72 Man) S/N A00900101 & Above
(V-Blade 84) S/N 084000101 & Above
(V-Blade 96) S/N 084100101 & Above
(V-Blade 108) S/N 084200101 & Above



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REFERENCE INFORMATION

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

V-Blade 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
Drève Richelle 167
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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 V-blade. READ AND UNDERSTAND THIS OPERATION & MAINTENANCE MANUAL BEFORE OPERATING YOUR V-BLADE. If you have any questions, see your Bobcat dealer. This manual may illustrate options and accessories not installed on your V-blade.

BOBCAT COMPANY IS ISO 9001 CERTIFIED 5

SERIAL NUMBER LOCATION 6
Attachment Serial Number 6

DELIVERY REPORT 6

ATTACHMENT IDENTIFICATION 7

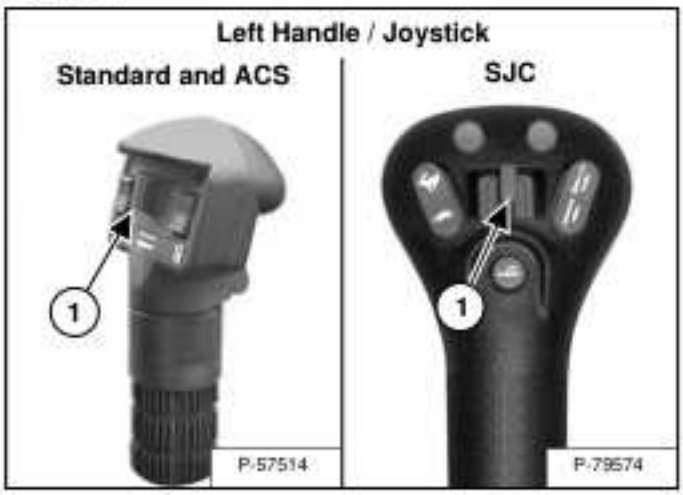
FEATURES AND ACCESSORIES 8
Standard Items 8
Options And Accessories 8

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Control Functions (Cont'd)

All Hydraulic V-Blades (Except 463, 553, S70 And S100)

Figure 53



Press the switch (Item 1) **[Figure 53]** on the left steer lever to the right to extend left blade (Item 1) **[Figure 55]**.

Press the switch (Item 1) **[Figure 53]** on the left steer lever to the left to retract the left blade (Item 1) **[Figure 55]**.

Figure 54



Press the switch (Item 1) **[Figure 54]** on the right steer lever to the left to extend the right blade (Item 2) **[Figure 55]**.

Press the switch (Item 1) **[Figure 54]** on the right steer lever to the right to retract the right blade (Item 2) **[Figure 55]**.

⚠ WARNING

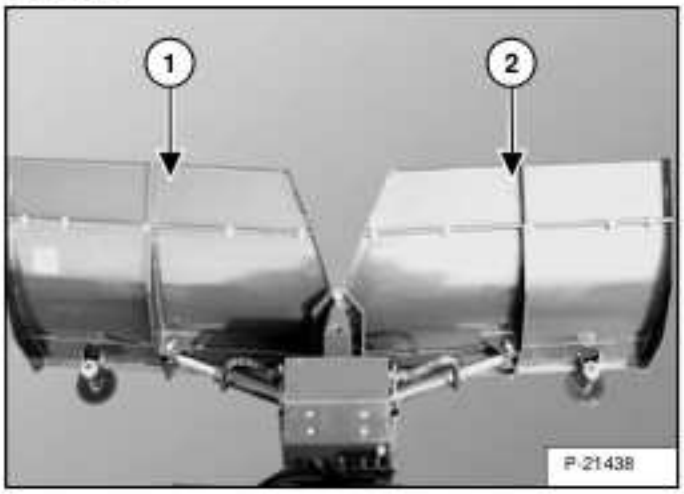
AVOID INJURY OR DEATH

Keep 10 feet (3M) away from machine and attachment when in use.

W-2504-0604

V-Blade Operating Positions

Figure 55



V-Blade shown in the straight position **[Figure 55]**.

NOTE: Use "V" position to break through drifts and deep snow.

Figure 56



V-Blade operating in the scoop position **[Figure 56]**.

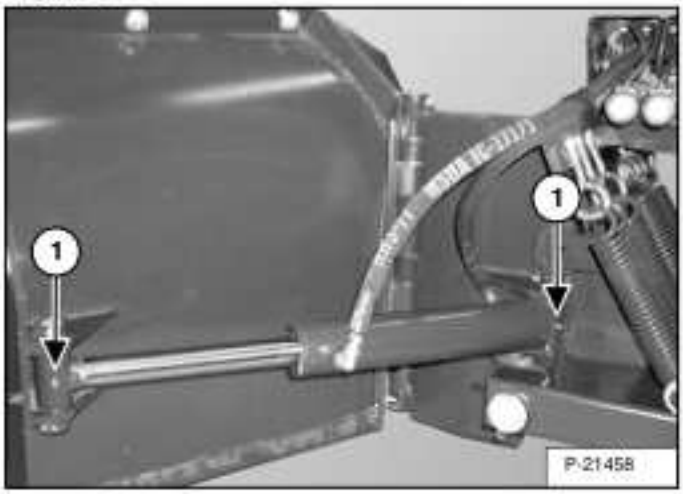
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LUBRICATING THE ATTACHMENT

Lubrication Locations

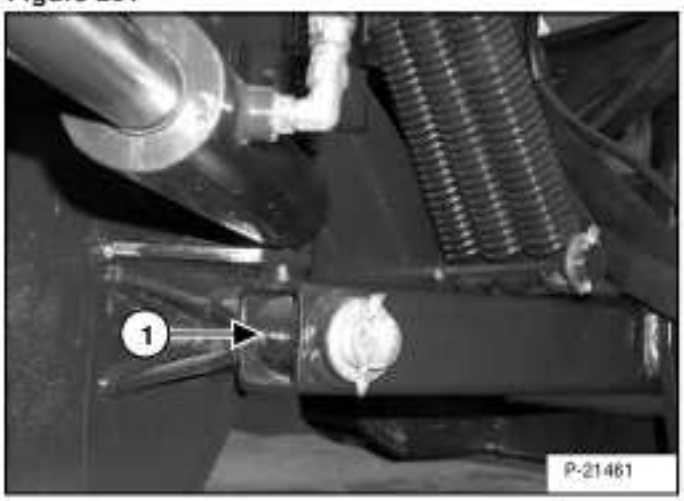
Always use a good quality lithium base grease when lubricating the V-Blade. Apply the lubricant until extra grease shows.

Figure 200



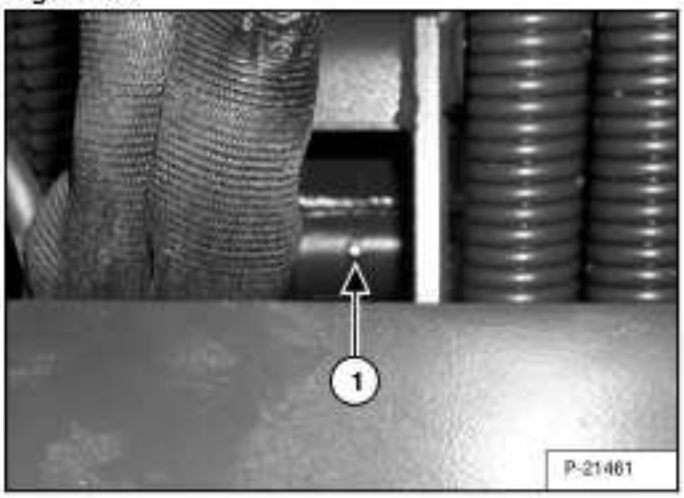
Add grease to the fittings on each end of the cylinders (Item 1) **[Figure 200]**.

Figure 201



Add grease to the fitting (Item 1) **[Figure 201]** (One fitting on each side).

Figure 202



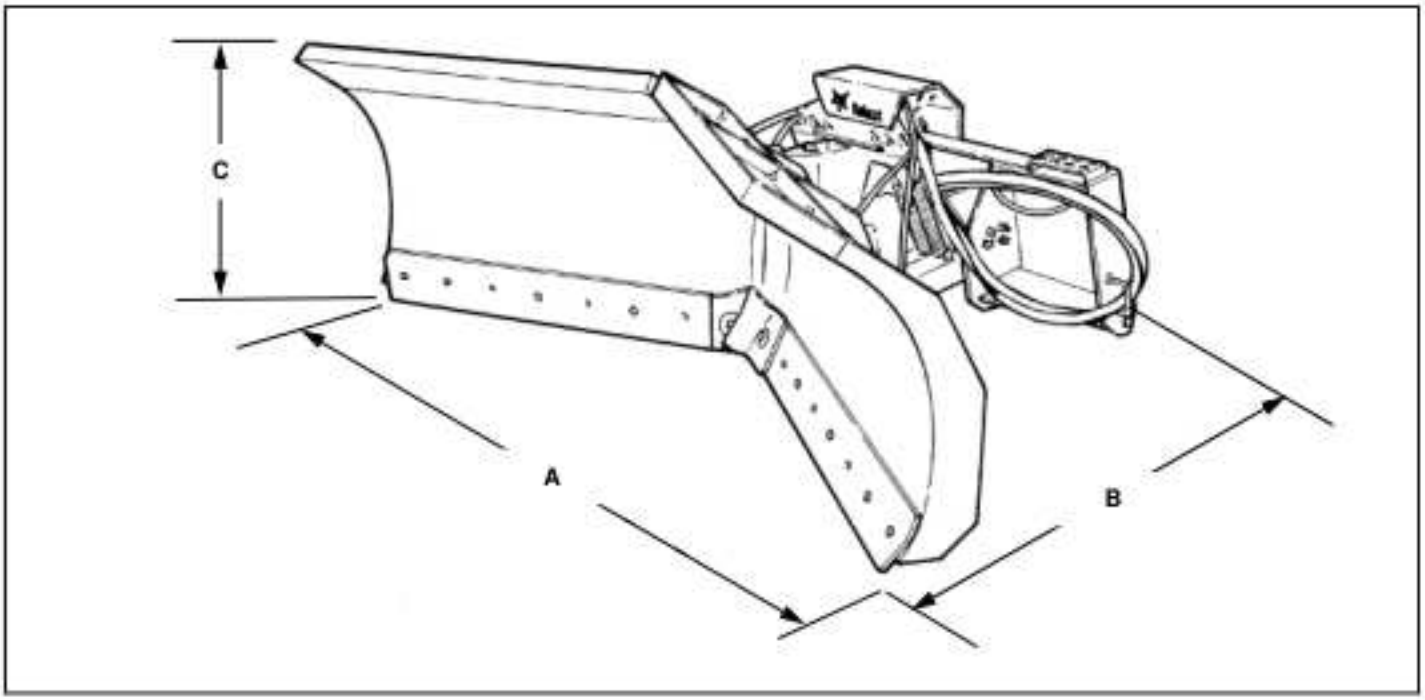
Add grease to the fitting (Item 1) **[Figure 202]**. Fitting is located in the center of the frame.

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(V-BLADE 96, V-BLADE 108) V-BLADE 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.



V-BLADE		
DESCRIPTION	**V-BLADE 96 (96 IN.)**	**V-BLADE 108 (108 IN.)**
Angle	30 in.	30 in.
Straight Width **(A)**	98 in. (2489 mm)	110 in. (2794 mm)
Straight Length **(B)**	47.3 in. (1201 mm)	47.3 in. (1201 mm)
Straight Height **(C)**	32.8 in. (833 mm)	32.8 in. (833 mm)
Angle Width	85 in. (2159 mm)	96 in. (2438 mm)

Performance

V-BLADE		
DESCRIPTION	**V-BLADE 96 (96 IN.)**	**V-BLADE 108 (108 IN.)**
Shipping Weight	894 lb. (406 kg)	938 lb. (426 kg)
Shipping Weight W/Float	894 lb. (406 kg)	938 lb. (426 kg)
Operating Weight	824 lb. (374 kg)	868 lb. (394 kg)
Operating Weight W/Float	824 lb. (374 kg)	868 lb. (394 kg)
Float Angle	5 in.	5 in.

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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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