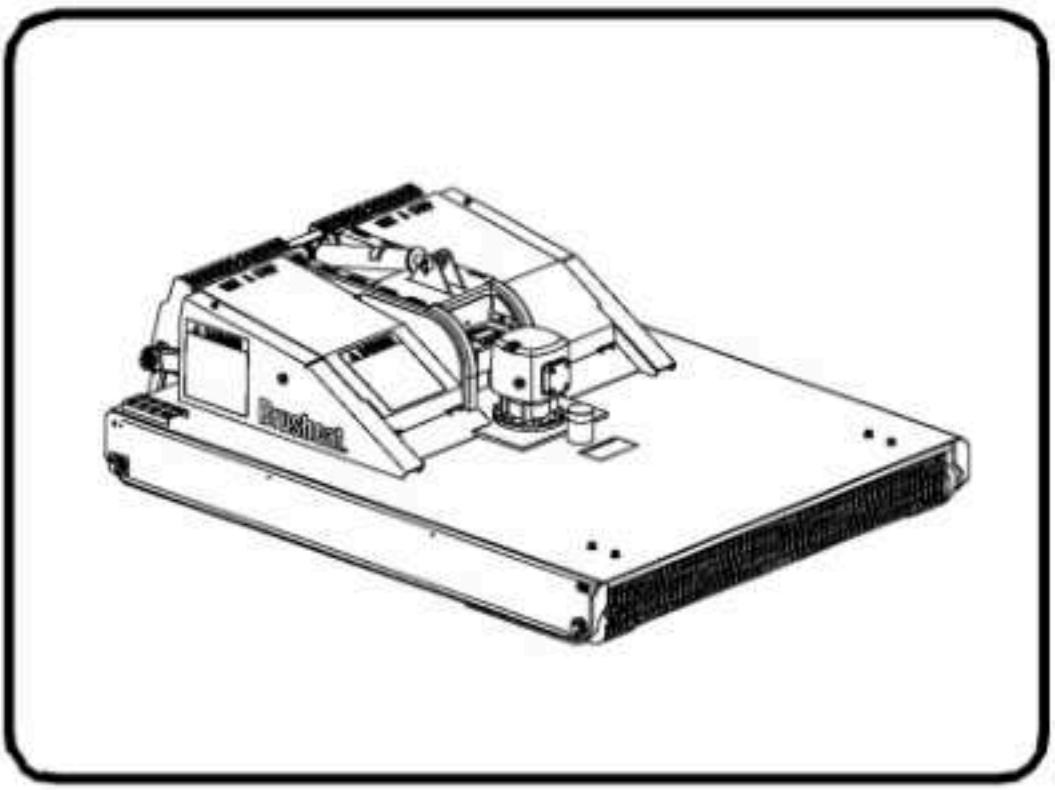
Bobcat®

Operation & Maintenance Manual
Brushcat™ Rotary Cutter

(Brushcat 60) S/N A01900101 & Above
(Brushcat 60HF) S/N A01A00101 & Above
(Brushcat 72) S/N A00800101 & Above
(Brushcat 72HF) S/N A01B00101 & Above
(Brushcat 72X) S/N A01C00101 & Above



6904279 (3-08) Revised (3-10) (5)

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REFERENCE INFORMATION

Write the correct information for YOUR Bobcat Brushcat rotary cutter in the spaces below. Always use these numbers when referring to your Bobcat Brushcat rotary cutter.

Brushcat Rotary Cutter 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
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 Brushcat rotary cutter. READ AND UNDERSTAND THIS OPERATION & MAINTENANCE MANUAL BEFORE OPERATING YOUR BRUSHCAT ROTARY CUTTER. If you have any questions, see your Bobcat dealer.

BOBCAT COMPANY IS IS0 9001 CERTIFIED 7

SERIAL NUMBER LOCATION 9
Attachment Serial Number 9

DELIVERY REPORT 9

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Installation (Cont'd)

Hand Lever Bob-Tach (Cont'd)

⚠ WARNING

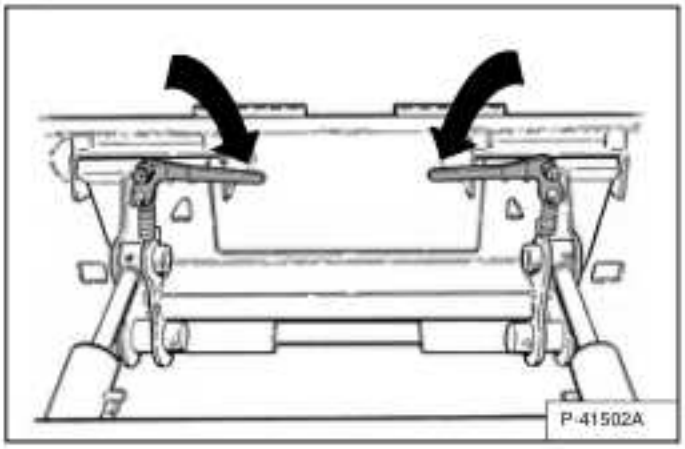
Before you leave the operator's position:

- **Put the travel Direction Control Lever and the Joystick in neutral.**
- **Engage the parking brake.**
- **Retract and lower the boom and attachment flat on the ground.**
- **Stop the engine. Raise the restraint bar (if equipped).**

SEE THE MACHINE OPERATION & MAINTENANCE MANUAL FOR MORE INFORMATION.

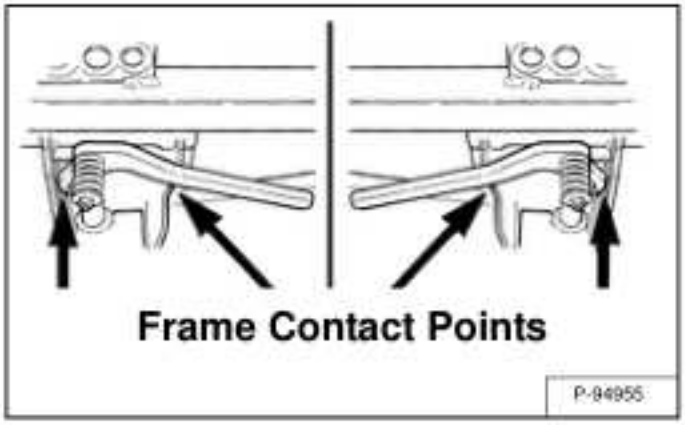
W-2837-0607

Figure 56



Push down on the Bob-Tach levers until they are fully engaged in the locked position **[Figure 56]** (wedges fully extended through the attachment mounting frame holes).

Figure 57



Both levers must contact the frame as shown when locked **[Figure 57]**.

If both levers do not engage in the locked position, see your Bobcat dealer for maintenance.

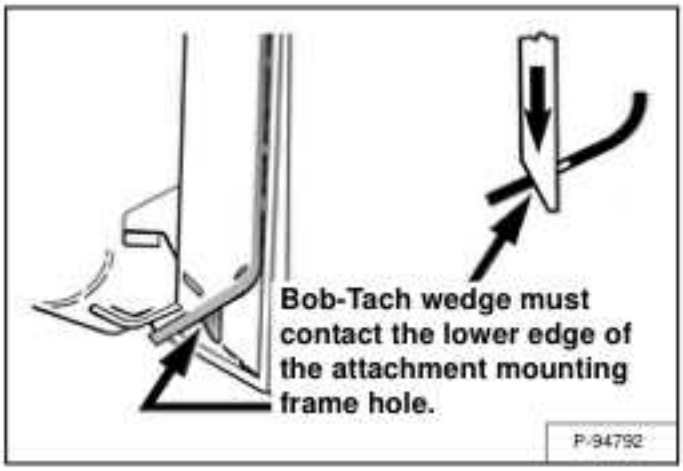
⚠ WARNING

AVOID INJURY OR DEATH

The Bob-Tach wedges must extend through the holes in the attachment mounting frame. Levers must be fully down and locked. Failure to secure wedges can allow attachment to come off.

W-2715-0208

Figure 58



The wedges must extend through the holes in the attachment mounting frame, securely fastening the attachment to the Bob-Tach **[Figure 58]**.

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LUBRICATION

Lubrication Points

Always use a good quality lithium base multipurpose grease when lubricating the attachment. Apply the lubricant until extra grease shows.

IMPORTANT

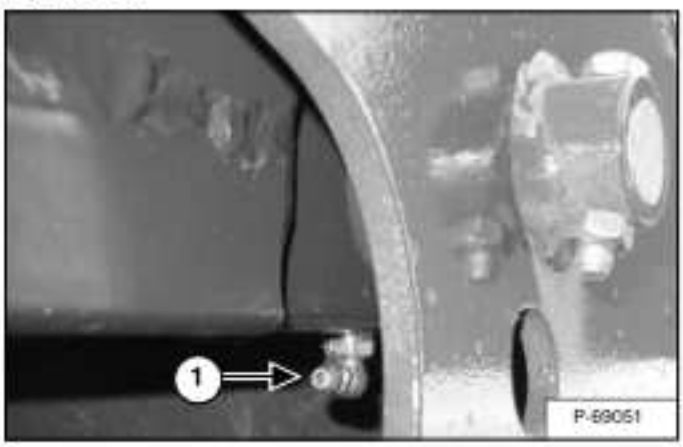
Fluid such as engine oil, hydraulic fluid, coolants, grease, etc. must be disposed of in an environmentally safe manner. Some regulations require that certain spills and leaks on the ground must be cleaned in a specific manner. See local, state and federal regulations for the correct disposal.

I-2067-0499

Figure 103

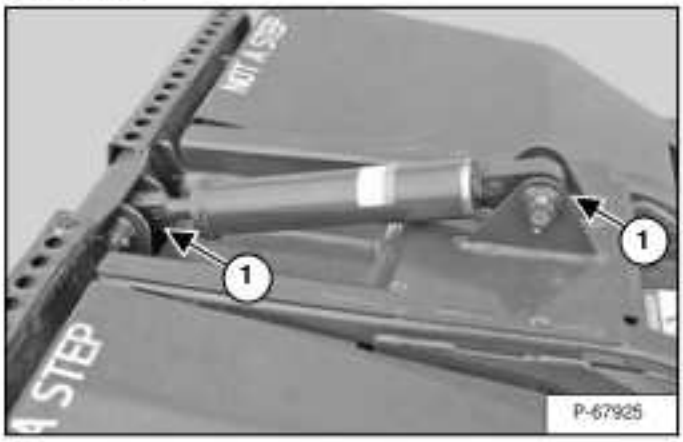


Figure 104



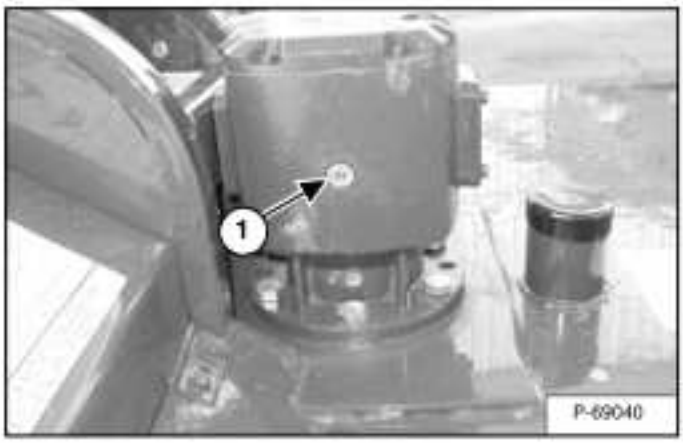
Lubricate the grease fittings (Item 1) **[Figure 103]** and **[Figure 104]** on each side of Brushcat rotary cutter **every 10 hours** of operation. The Brushcat rotary cutter must be positioned flat on the ground.

Figure 105



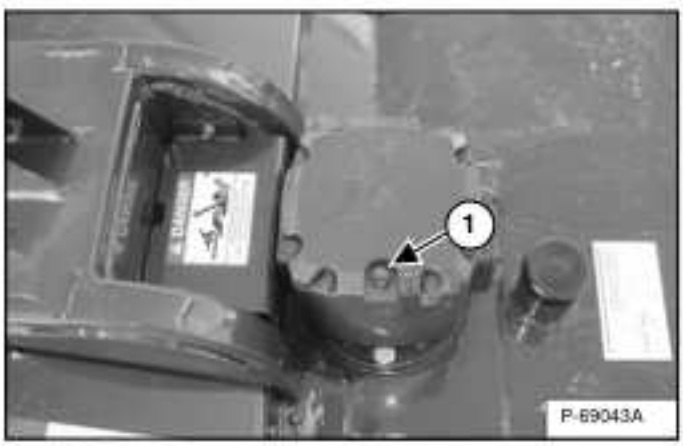
Grease the two fittings (Item 1) **[Figure 105]** on the spring cylinder **every 10 hours** of operation.

Figure 106



Check the sight gauge (Item 1) **[Figure 106] every 10 hours** of operation. The gear lube should show in the center of the sight gauge

Figure 107



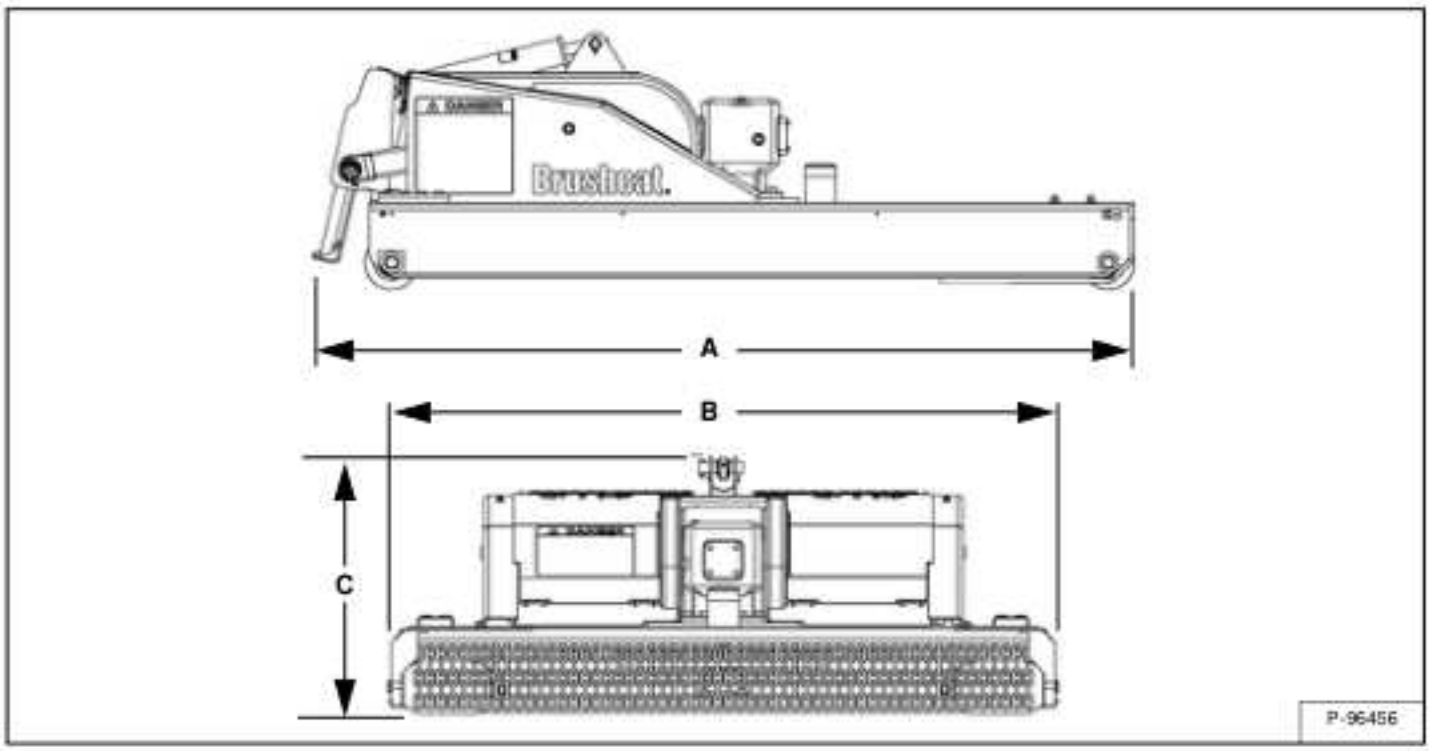
Remove the fill plug (Item 1) **[Figure 107]** to add SAE 90 gear lube until it is filled to the centered of the sight gauge (Item 1) **[Figure 106]**.

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BRUSHCAT ROTARY CUTTER ATTACHMENT SPECIFICATIONS (CONT'D)

Dimensions - 72 in. Brushcat Rotary Cutter

- 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.



Overall Attachment Length **(A)**	93.0 in. (2360 mm)		
Overall Attachment Width **(B)**	75.8 in. (1926 mm)		
Overall Attachment Height **(C)**	29.1 in. (738 mm)		
Total Cutter Diameter	72.0 in (1829 mm)		
Attachment Weight	(72 & 72HF) = 1906 lb. (865 kg), (72X) = 1938 lb. (879 kg)		
Cutter Capacity	Brush material up to 3 in. (76 mm) in diameter		
Relief Valve Setting (In Shut-Off Valve)	2500 PSI (172 bar)		
Maximum Pressure	3500 PSI (241 bar)		
Minimum Pressure	2250 PSI (155 bar)		
Blade Tip Speed:	72	72HF (High Flow)	72X (37 GPM High Flow)
Minimum Flow	15380 ft./min. (4688 m/min.) @ 15 GPM (57 L/min.)	13244 ft./min. (4037 m/min.) @ 20 GPM (76 L/min.)	16027 ft./min. (4885 m/min.) @ 30 GPM (114 L/min.)
Maximum Flow	24609 ft./min. (7501 m/min.) @ 24 GPM (91 L/min.)	21191 ft./min. (6459 m/min.) @ 32 GPM (121 L/min.)	21369 ft./min. (6513 m/min.) @ 40 GPM (151 L/min.)
Standard Blade (Qty. 2)	3.00 in. (76 mm) offset		
Optional Blade (Qty. 2)	2.00 in. (51 mm) offset		
Front Rollers	Standard		

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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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