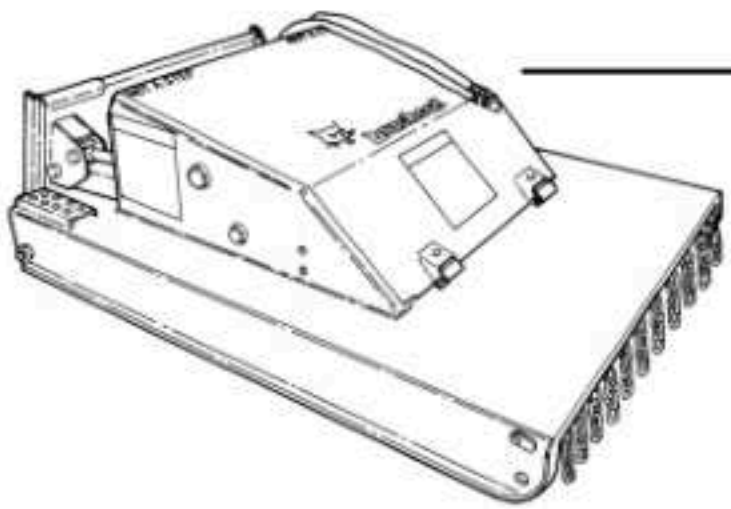
Brushcat™ Rotary Cutter

60 Inch
90 Inch

Bobcat®

Operation & Maintenance Manual

60 Inch S/N 467002282 & Above
60 Inch S/N 467200101 & Above
90 Inch S/N 467100101 & Above



An Ingersoll-Rand business

6901939 (6-04) Revised (9-04) (4)

Printed in U.S.A.

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SPECIFICATIONS SPEC-1

REFERENCE INFORMATION

Write the correct information for YOUR Brushcat™ Rotary Cutter in the spaces below. Always use these numbers when referring to your Brushcat Rotary Cutter.

Brushcat Rotary Cutter
Serial Number _____

NOTES _____

YOUR BOBCAT® DEALER:

_____

ADDRESS:

_____

PHONE:

_____

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

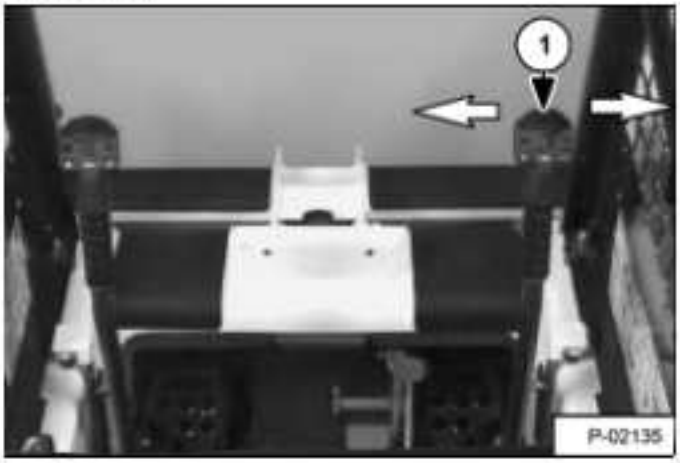
Bobcat Company Europe
J. Huysmanslaan 59
B-1651 LOT
Belgium

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HYDRAULIC CONTROLS

Manual Auxiliary Control

Figure OI-31



Engage the auxiliary lever (right steering lever) (Item 1) **[Figure OI-31]** into *detent* (right direction) to engage the front auxiliary hydraulics.

Move the auxiliary control lever out of the *detent* position before leaving the operator cab.

⚠ WARNING

AVOID BURNS

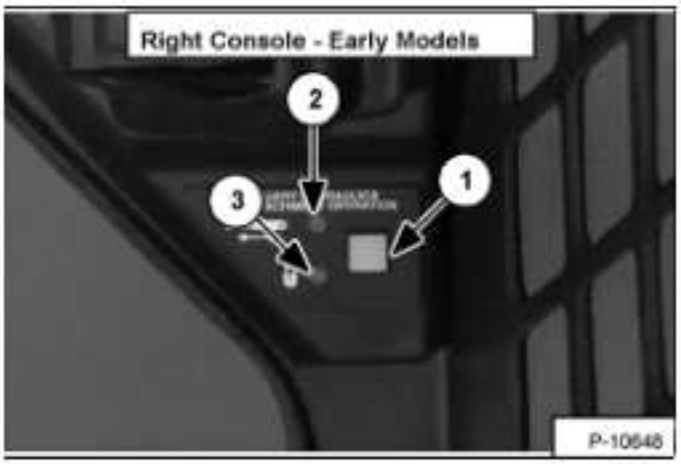
Hydraulic fluid, tubes, fittings and quick couplers can get hot when running machine and attachments. Be careful when connecting and disconnecting quick couplers.

W-2220-0396

Electric Auxiliary Control

Early Models

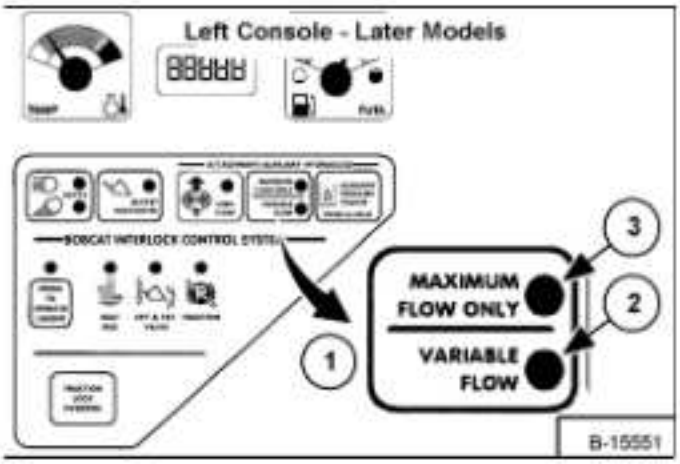
Figure OI-32



Press the auxiliary hydraulic switch (Item 1) (on the instrument panel) twice to activate the switches on the steering levers. Both lights (Items 2 & 3) **[Figure OI-32]** will come ON. Pressing the auxiliary hydraulic switch a third time disengages the auxiliary hydraulics and the lights will go OFF.

Later Models

Figure OI-33



Press the auxiliary hydraulic switch (Item 1) (on the instrument panel) twice to activate the switches on the steering levers. The light (Item 3) **[Figure OI-33]** will come ON. Pressing the auxiliary hydraulic switch a third time disengages the auxiliary hydraulics and the light will go OFF.

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LUBRICATION

Lubrication Points: 60 Inch Rotary Cutter

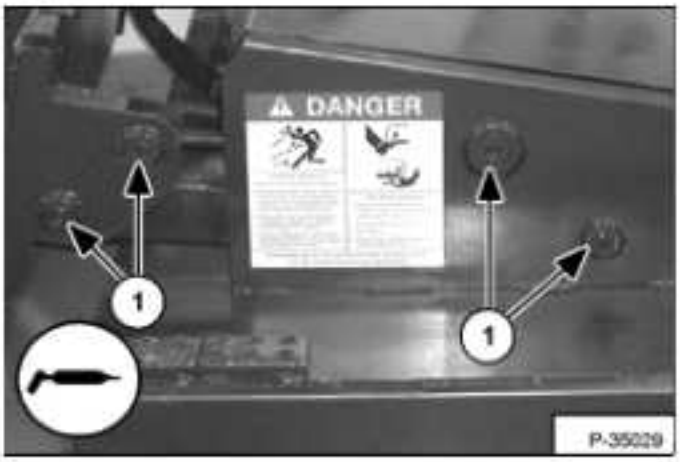
Always use a good quality lithium base multipurpose grease when lubricating the attachment. Apply the lubricant until extra grease shows.

IMPORTANT

Fluid such as engine oil, hydraulic fluid, coolants, 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-2067-0395

Figure PM-1

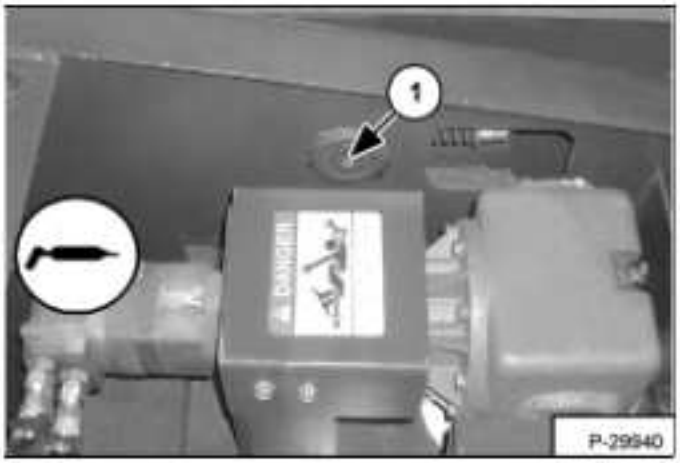


Lubricate the four grease fittings (Item 1) **[Figure PM-1]** on each side of rotary cutter **every 10 hours** of operation. The rotary cutter must be positioned flat on the ground.

Figure PM-2

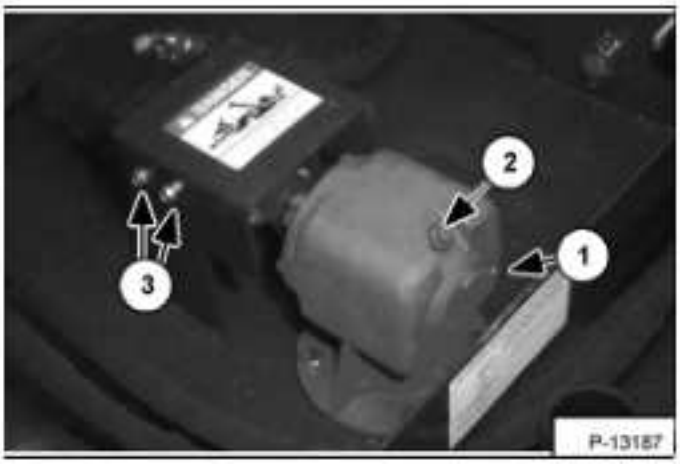


Figure PM-3



Open the cover and grease the fittings (Item 1) **[Figure PM-2]** & **[Figure PM-3]** every 10 hours of operation.

Figure PM-4



With the cover open, check the angle drive and coupler.

Remove the check plug (Item 1) **[Figure PM-4]** to check fluid level in the angle drive. Fluid must be level with the check plug hole.

Remove the fill plug (Item 2) **[Figure PM-4]** to add SAE 90 gear lube until it is level with the check plug hole.

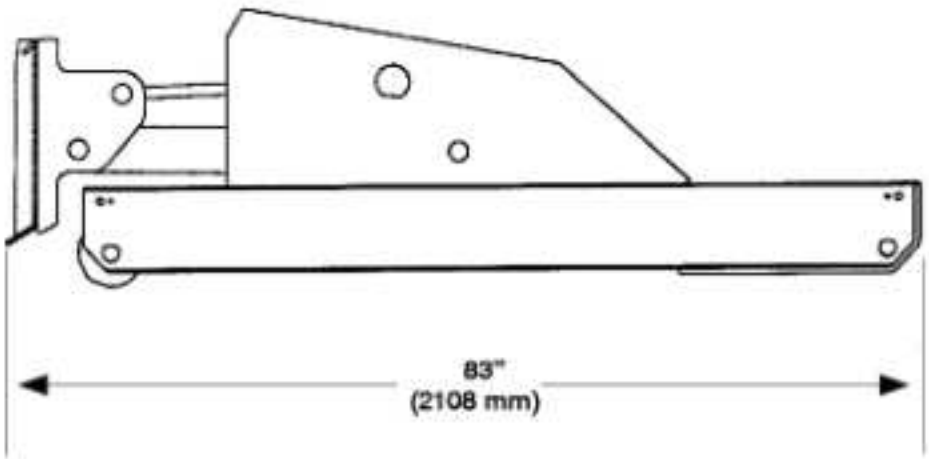
Remove the four bolts (Item 3) **[Figure PM-4]** to remove the shield from the coupler.

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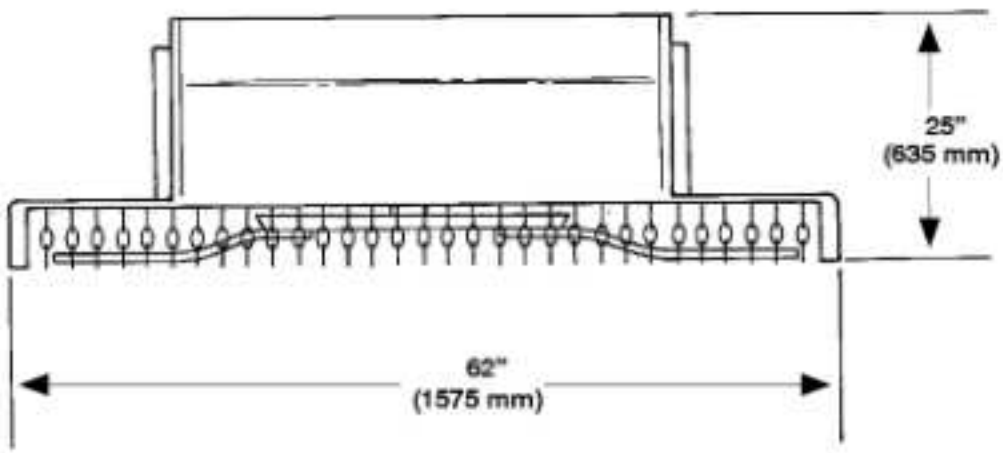
ROTARY CUTTER SPECIFICATIONS

60 Inch Brushcat

- 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.



MC-02385



B-15115

Overall Attachment Length	83" (2108 mm)
Overall Attachment Width	62" (1575 mm)
Overall Attachment Height	25" (635 mm)
Total Cutter Diameter	60" (1524 mm)
Attachment Weight	1350 lbs. (613 kg)
Cutter Capacity	Brush material up to 3 inches (76 mm) in diameter
Cross Port Relief Valve Setting (In Shut-Off Valve)	2500 PSI (17235 (kPa)
Maximum Pressure	3200 PSI (22060 kPa)
Minimum Pressure	2250 PSI (15511 kPa)
Blade Tip Speed:	
(For S/N 467002282 & Above) Minimum Flow	11,190 ft./min. @ 13 GPM (49 l/min.)
(For S/N 467002282 & Above) Maximum Flow	24,100 ft./min. @ 28 GPM (106 l/min.)
(For S/N 467200101 & Above) Maximum Flow	24,336 ft./min. @ 22 GPM (83 l/min.)
Standard Blade (Qty. 2)	3.00" (76 mm) offset
Optional Blade (Qty. 2)	2.00" (51 mm) offset
Front Rollers	Optional

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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 or Special Applications Kits are required for some work. See your Bobcat dealer about Bobcat Safety equipment.

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