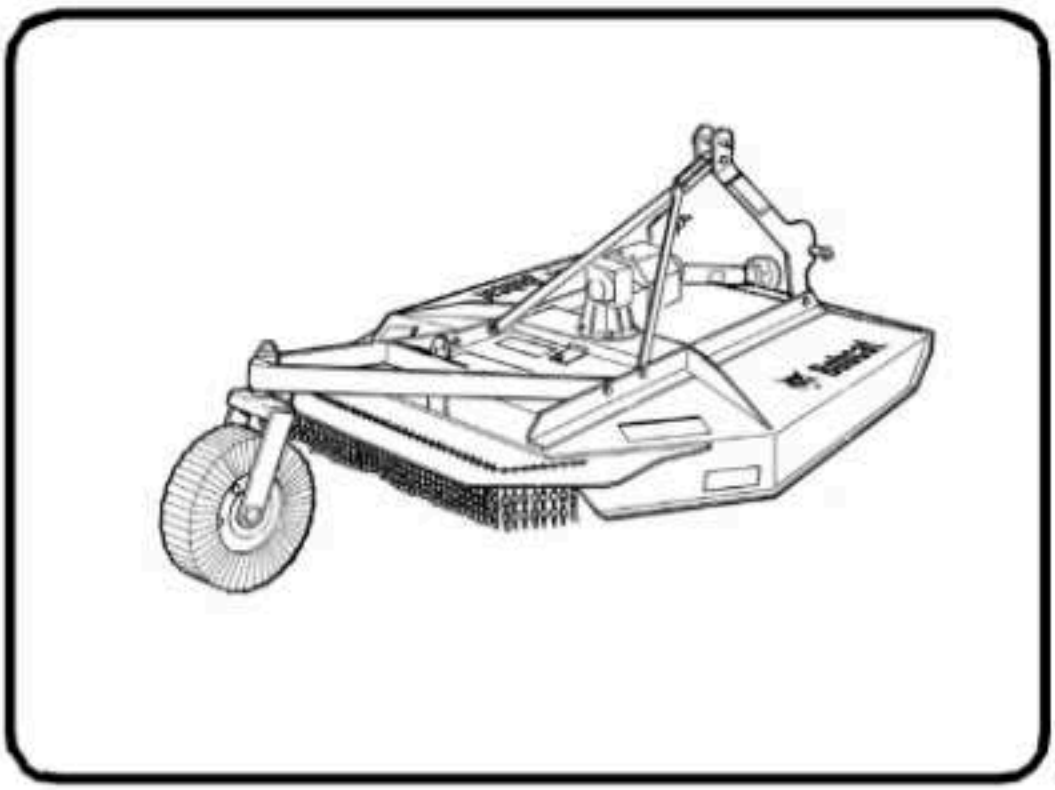
Bobcat®

Operation & Maintenance Manual
Three-Point Rotary Cutter

(3RC60) - S/N A7RR00101 & Above
(3RC70) - S/N A7RS00101 & Above



6986513 (11-07) Revised (2-09) (1)

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REFERENCE INFORMATION

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

Three-Point Rotary Cutter 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 rotary cutter. READ AND UNDERSTAND THIS OPERATION & MAINTENANCE MANUAL BEFORE OPERATING YOUR three-point rotary cutter. If you have any questions, see your Bobcat dealer.

BOBCAT COMPANY IS ISO 9001:2000 CERTIFIED V

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Operation With The Work Machine

Driving The Implement And Work Machine To Worksite

Read and understand the implement Operation & Maintenance Manual and the work machine's Operation & Maintenance Manual prior to installing or using any implement.

⚠ WARNING

AVOID INJURY OR DEATH

- **Steering and braking can be affected by the attachment and / or implement. Do not exceed the Loader Rated Operating Capacity, Three-Point Hitch lift capacity or towing capacity.**
- **Always carry loads low. Slow down when turning.**

W-2730-0608

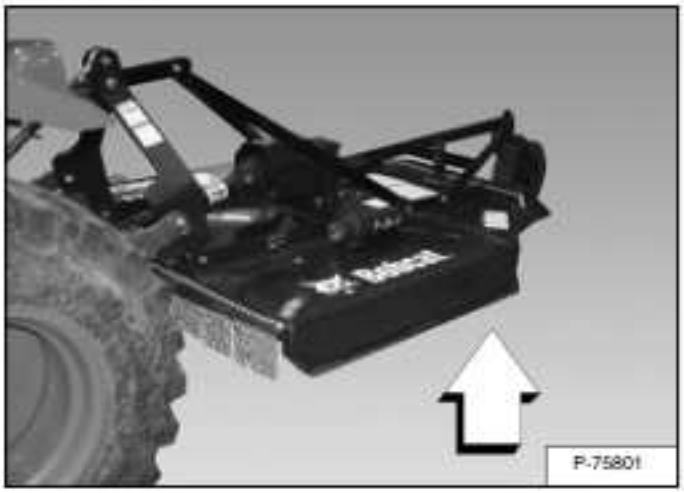
⚠ WARNING

AVOID INJURY OR DEATH

- **Always fasten the seat belt.**
- **Never modify equipment or use unapproved implements.**
- **Operate the utility work machine from the operator's seat only.**
- **Keep bystanders away. Never carry riders (except in the passengers seat with the seat belt fastened).**

W-2731-0608

Figure OI-64



Enter the work machine. (See Entering And Exiting The Work Machine on Page OI-27.) Start the engine.

Raise the three-point rotary cutter to the travel position **[Figure OI-64]**. (See the work machine's Operation & Maintenance Manual for detailed information on operating the three-point hitch.)

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

Drive the work machine and implement to the work area.

⚠ WARNING

AVOID INJURY OR DEATH

- **Disengage the PTO, put the Travel Direction Control Lever in PARK, stop the engine and make sure all rotating components are completely stopped before connecting, disconnecting, adjusting or cleaning any PTO driven equipment.**
- **Always keep PTO shields and all guards in place when using PTO driven equipment.**
- **Disengage PTO for road travel.**
- **Keep hands, feet and clothing away.**

W-2728-0608

When operating on a public road or highway, always follow local regulation. For example: Slow Moving Vehicle (SMV) emblem or directional signals and hazard/ flasher lights may be required.

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LUBRICATING THE IMPLEMENT

Lubrication Locations

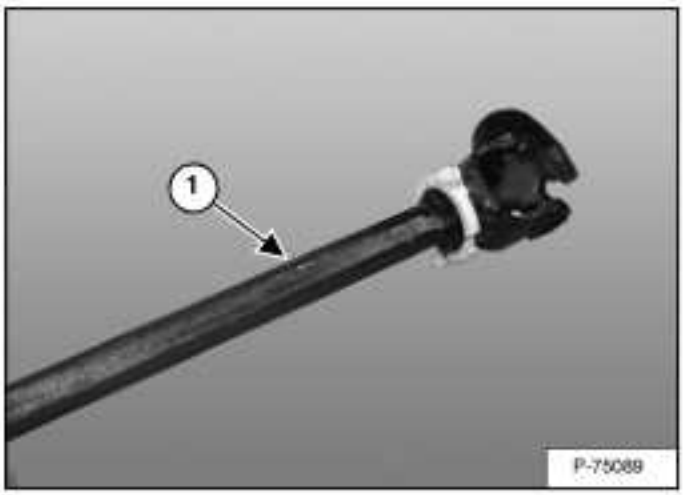
Always use a good quality lithium base multi-purpose grease when lubricating the implement. Apply lubricant until extra grease shows.

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

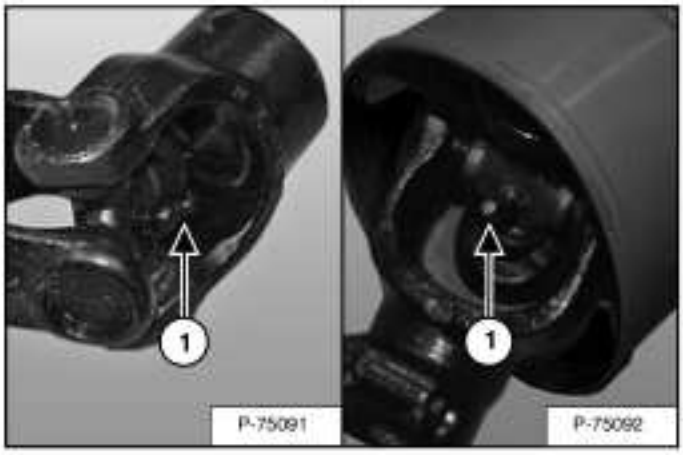
Figure PM-3



Lubricate the following every 10 hours of operation.

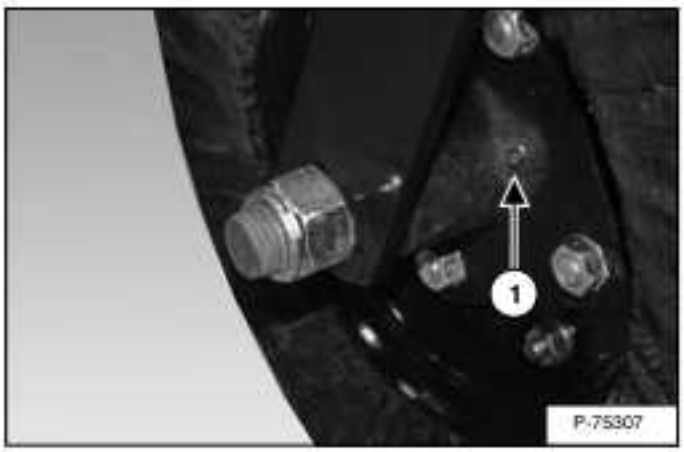
Apply grease to the PTO driveline (Item 1) **[Figure PM-3]**.

Figure PM-4



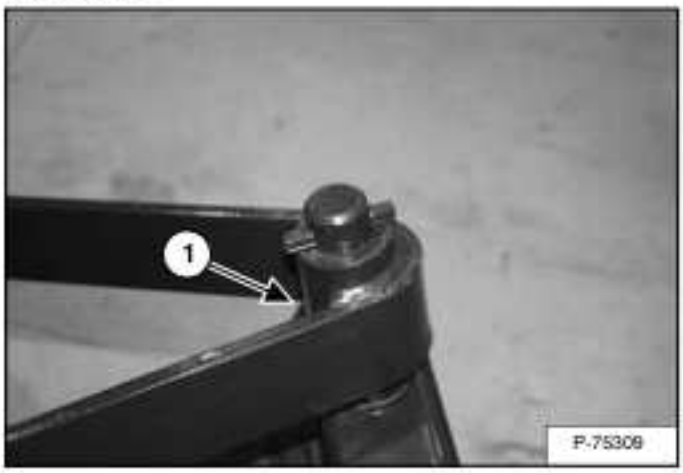
Lubricate the u-joints (Item 1) **[Figure PM-4]** on the both ends of the PTO driveline.

Figure PM-5



Lubricate the fitting (Item 1) **[Figure PM-5]** on the wheel hub.

Figure PM-6



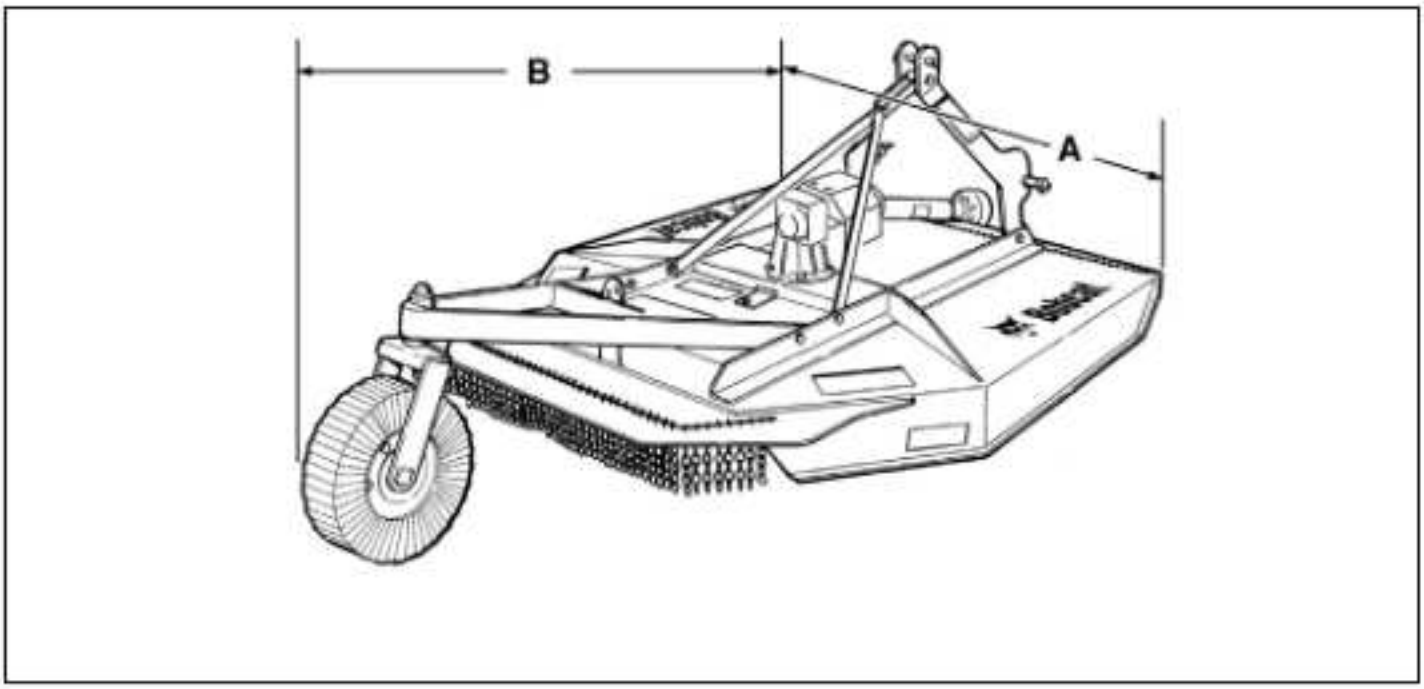
Lubricate the fitting (Item 1) **[Figure PM-6]** on the pivot shaft.

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(3RC60, 3RC70) THREE-POINT ROTARY CUTTER SPECIFICATIONS

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.



THREE-POINT ROTARY CUTTER		
DESCRIPTION	**3RC60 (60 IN.)**	**3RC70 (70 IN.)**
Operating Weight	647 lb. (294 kg)	769 lb. (346 kg)
Cutting Width	59 in. (1499 mm)	70 in. (1778 mm)
Overall Width (A)	64.5 in. (1638 mm)	76.5 in. (1943 mm)
Overall Length (B)	103 in. (2616 mm)	115 in. (2921 mm)
Three-Point Hitch	Category 1	Category 1
PTO Speed	540 RPM	540 RPM
Blade Tip Speed	12472 ft./min.	14551 ft./min.
PTO Driveline Size	Category 4 With Plastic Guards	
Cutting Height Range	1 - 5 in. (25,4 - 127 mm)	
Rear PTO Hp Requirement	20 - 40 HP	
Gear Box Hp rating @540 RPM	40 HP	

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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.

SI IMP-0208

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