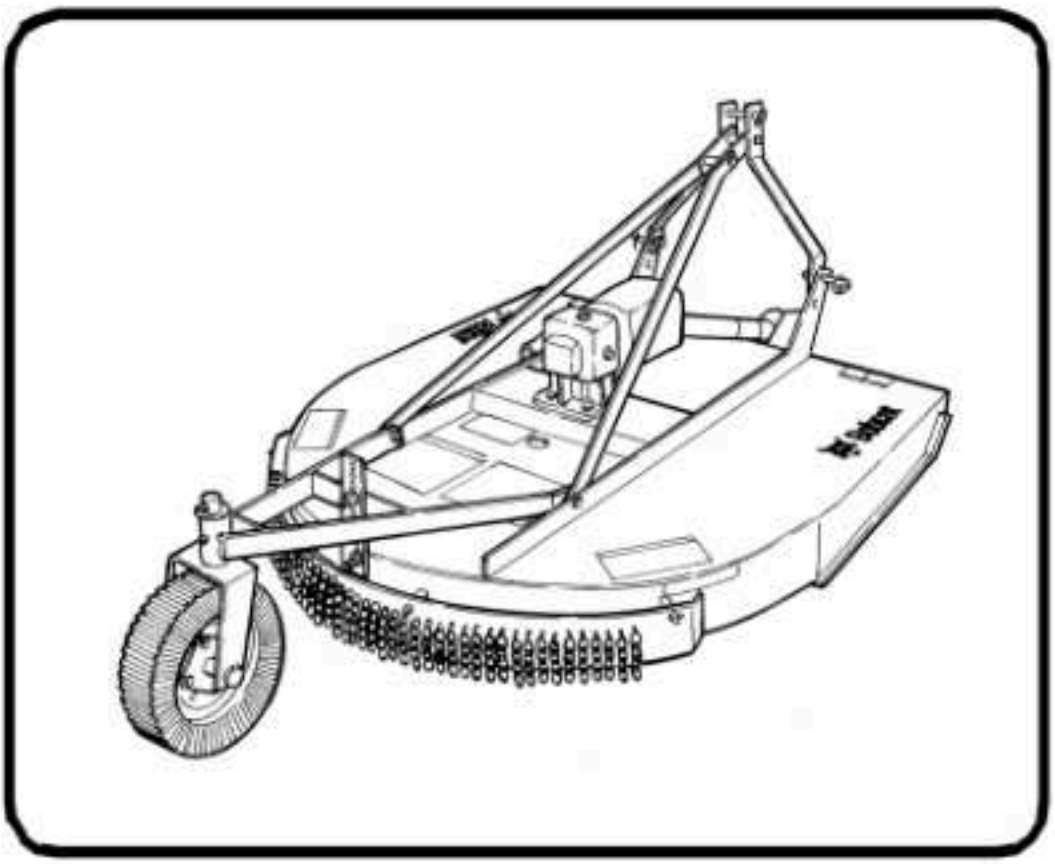
Bobcat®

Operation & Maintenance Manual
Three-Point Rotary Cutter

(3RC60SB) S/N AL1M00101 & Above
(3RC72SB) S/N AL1N00101 & Above
(3RC60SC) S/N AL1K00101 & Above
(3RC72SC) S/N AL1L00101 & Above



6989548 (1-10)

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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
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 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 IS0 9001 CERTIFIED 7

SERIAL NUMBER LOCATION 8
Implement Serial Number 8

MANUAL STORAGE LOCATION 8

DELIVERY REPORT 8

IMPLEMENT IDENTIFICATION 9

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OPERATING PROCEDURE WITH COMPACT TRACTORS (CONT'D)

Operation With The Compact Tractor

Driving The Implement And Tractor To Worksite

Read and understand the compact tractor's Operation & Maintenance Manual and Operator's Handbook prior to installing or using any implement.

⚠ WARNING

AVOID INJURY OR DEATH

- **Steering and braking can be affected by the loader attachment, implements, front wheel assist and the rear differential lock. Always install the correct ballast. Do not exceed the Loader or Three-Point Hitch lift capacities.**
- **Always carry loads low. Slow down when turning.**
- **Always lock the brake pedals together for road travel.**
- **Unlock the brake pedals only when using brake pedals to assist in slow speed turns in work applications.**
- **Make sure that the brakes are adjusted correctly so the compact tractor does not pull to one side when braking.**

W-2738-0708

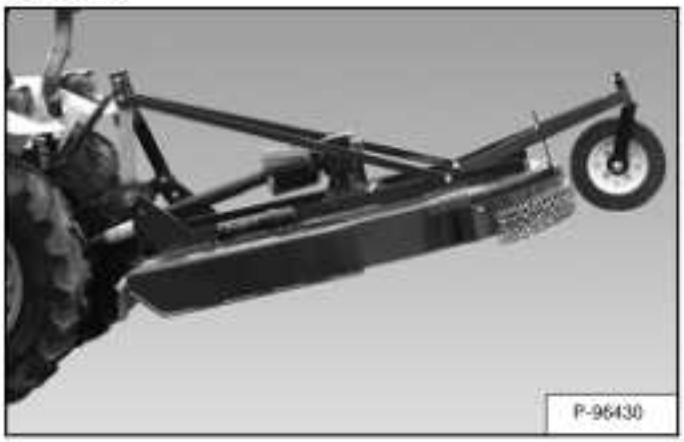
⚠ WARNING

AVOID INJURY OR DEATH

- **Use ROPS and fasten the seat belt.**
- **Install the correct front ballast.**
- **Never modify equipment or use unapproved implements.**
- **Operate the compact tractor from the operator's seat only.**
- **Keep bystanders away. Never carry riders.**

W-2667-0907

Figure 85



Enter the compact tractor. (See Entering And Exiting The Compact Tractor on Page 53.) Start the engine and release the parking brake.

Raise the three-point rotary cutter to the travel position **[Figure 85]**. (See the compact tractor's Operation & Maintenance Manual for detailed information on operating the three-point hitch.)

Drive the compact tractor and implement to the work area.

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.

⚠ WARNING

AVOID INJURY OR DEATH

Never allow riders on the rotary cutter.

W-2295-0198

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LUBRICATING THE IMPLEMENT

Lubrication Locations

IMPORTANT

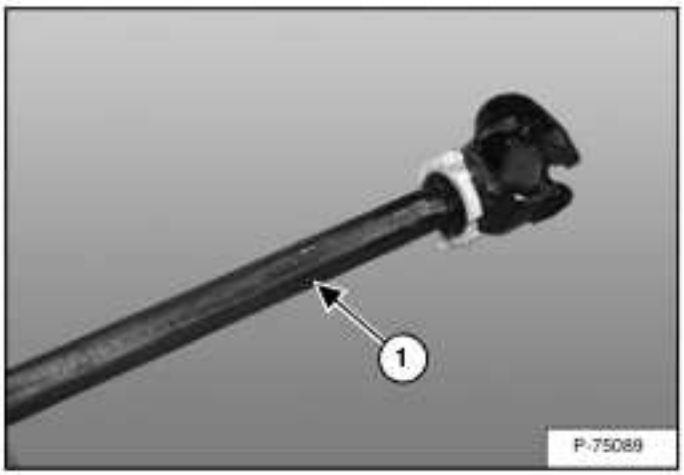
Fluid such as engine oil, hydraulic fluid, coolants, grease, etc. must be disposed of in an environmentally safe manner. Some regulations require that certain spills and leaks on the ground must be cleaned in a specific manner. See local, state and federal regulations for the correct disposal.

I-2067-0499

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

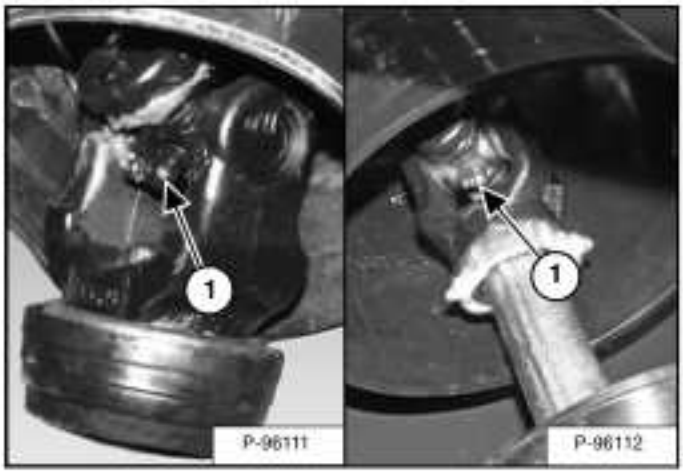
Lubricate the following every 10 hours of operation.

Figure 96



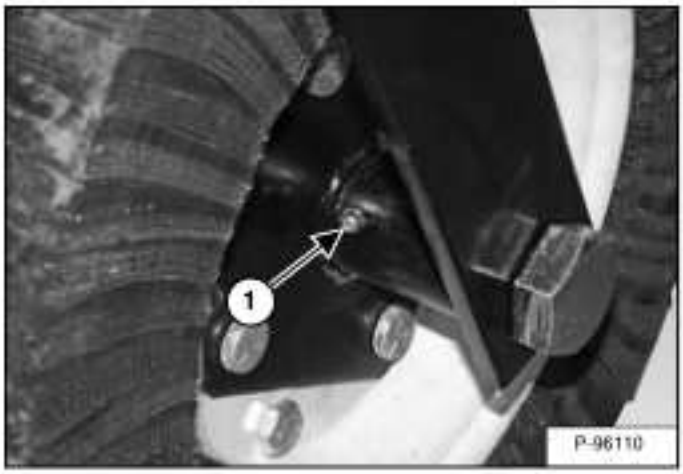
Apply grease to the PTO driveline (Item 1) **[Figure 96]**.

Figure 97



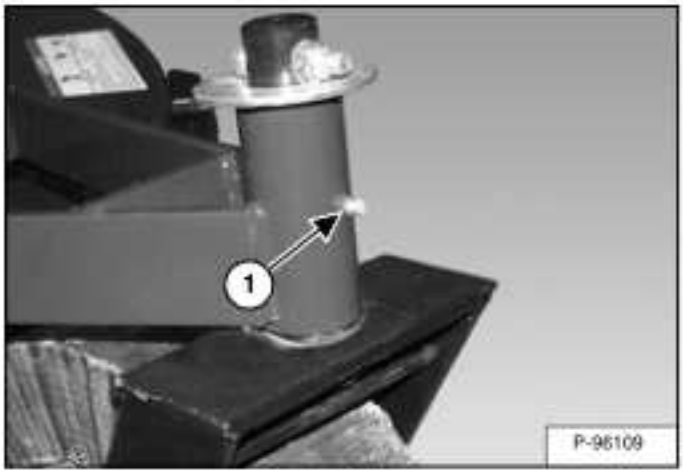
Lubricate the u-joint fittings (Item 1) **[Figure 97]** on both ends of the PTO driveline.

Figure 98



Lubricate the wheel hub fitting(s) (Item 1) **[Figure 98]**.

Figure 99



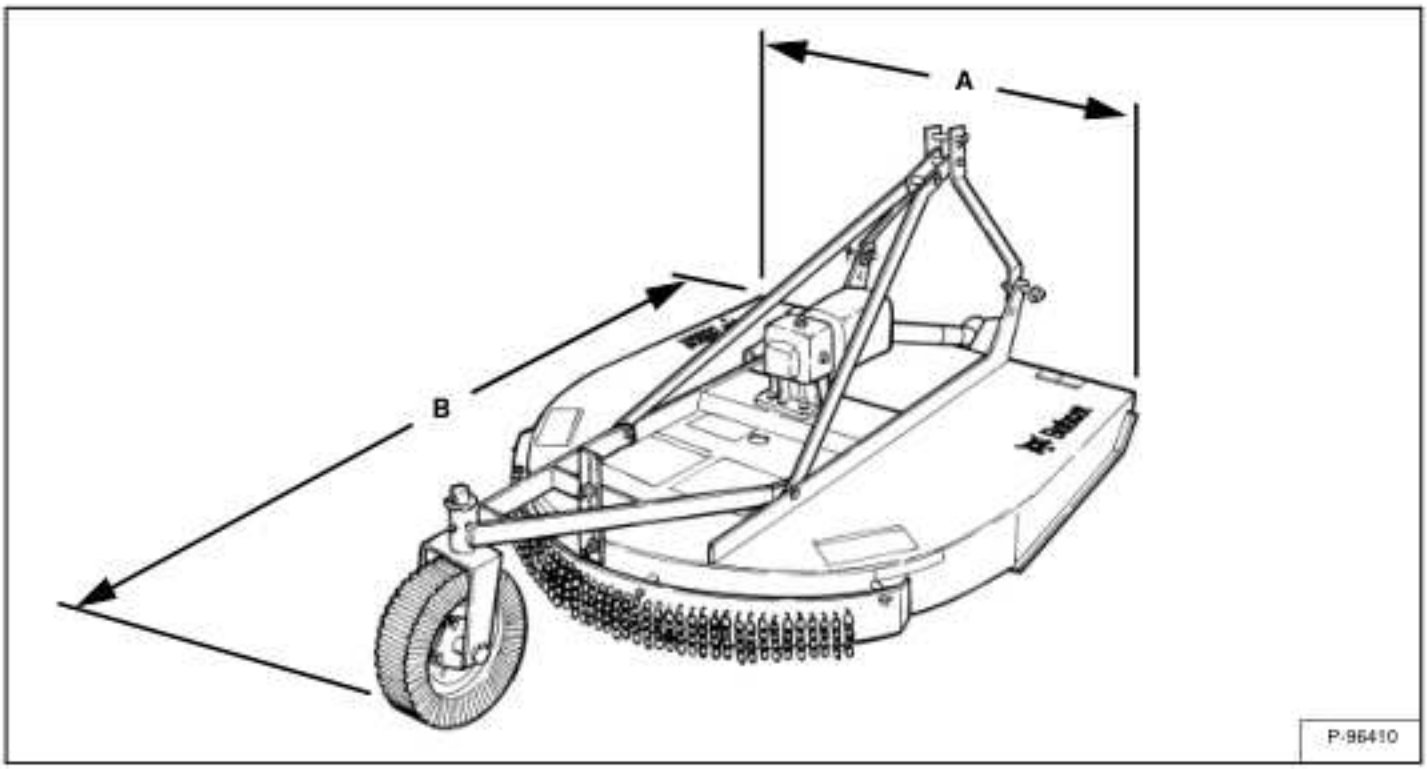
Lubricate the pivot shaft fitting (Item 1) **[Figure 99]**.

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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 **SAE and ISO** standards and are subject to change without notice.



DESCRIPTION	3RC60SB / 3RC60SC (60 IN.)	3RC72SB / 3RC72SC (72 IN.)
Cutting Width	60.0 in. (1524 mm)	72.0 in. (1829 mm)
Overall Width (Dim A)	64.25 in. (1632 mm)	76.25 in. (1937 mm)
Overall Length (Dim B)	99.5 in. (2527 mm)	109.5 in. (2781 mm)

Performance

DESCRIPTION	3RC60SB / 3RC60SC (60 IN.)	3RC72SB / 3RC72SC (72 IN.)
Operating Weight (Approx.)	505 lb. (229 kg)	612 lb. (278 kg)
Three-Point Hitch Category	Category I	Category I
PTO Speed	540 RPM	540 RPM
PTO Driveline Size	Category 4 Driveline	Category 4 Driveline
Rear PTO HP Requirement	18 - 45	18 - 45
Gear Box HP Rating @ 540 RPM	65	65
Blade Tip Speed	14335 ft./min. (72,8 m/s)	14963 ft./min. (76,0 m/s)
Cutting Height Range	1.5 - 9.0 in. (38,1 - 228,6 mm)	1.5 - 9.0 in. (38,1 - 228,6 mm)

Capacities

DESCRIPTION	3RC60SB / 3RC60SC (60 IN.)	3RC72SB / 3RC72SC (72 IN.)
Gear Box	0.25 Gal. (0,946 L)	0.25 Gal. (0,946 L)

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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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