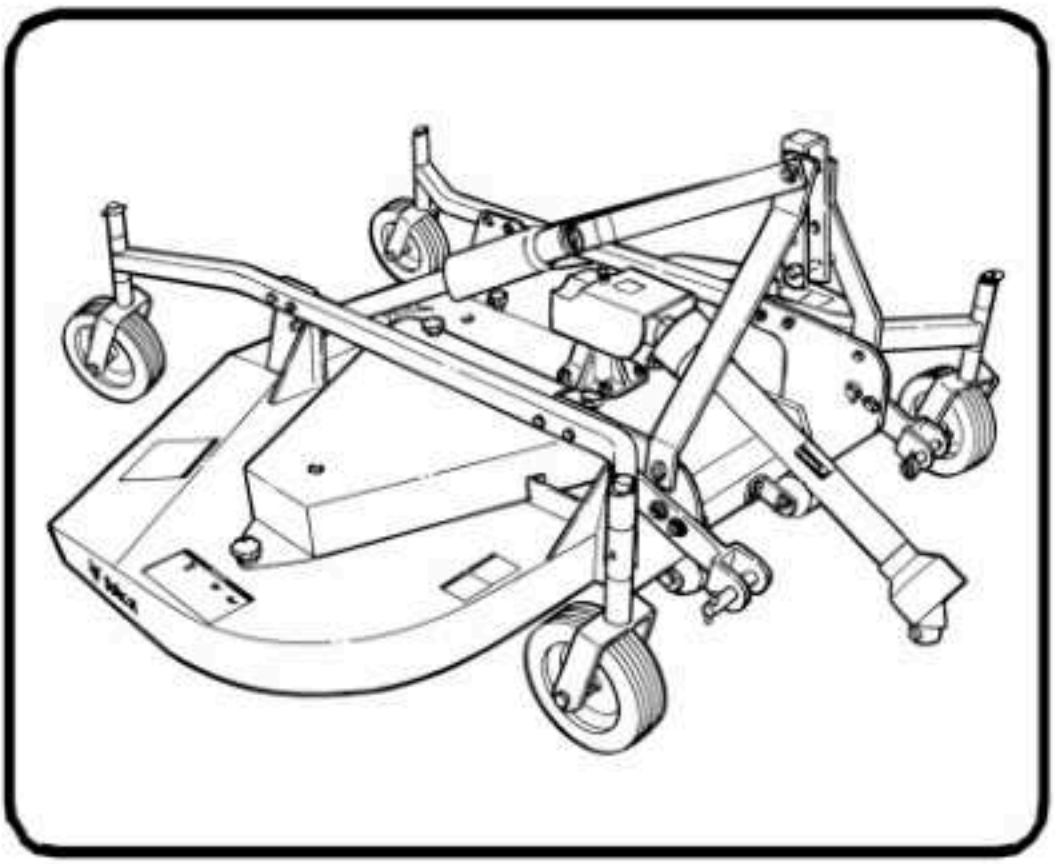
Bobcat®

Operation & Maintenance Manual
Three-Point Finish Mower

(3FM60) S/N AL1C00101 & Above
(3FM72) S/N AL1D00101 & Above
(3FM84) S/N AL1E00101 & Above



6989545 (6-10)

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REFERENCE INFORMATION

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

Three-Point Finish Mower 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 finish mower. READ AND UNDERSTAND THIS OPERATION & MAINTENANCE MANUAL BEFORE OPERATING YOUR THREE-POINT FINISH MOWER. If you have any questions, see your Bobcat dealer. This manual may illustrate options and accessories not installed on your three-point finish mower.

BOBCAT COMPANY IS IS0 9001 CERTIFIED 7

SERIAL NUMBER LOCATION 8
Implement Serial Number 8

DELIVERY REPORT 8

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OPERATING PROCEDURE WITH COMPACT TRACTORS (CONT'D)

Control Functions Three-Point Hitch

The three-point hitch will be used to raise or lower the implement. (See the compact tractor's Operation & Maintenance Manual and Operator's Handbook for detailed information on operating the three-point hitch).

Control Functions Rear- PTO

Safety Rules For PTO Operation

⚠ WARNING

AVOID INJURY OR DEATH

- **Do NOT exceed the rated implement PTO speed.**
- **Stay clear of rotating driveline.**
- **Keep bystanders away.**
- **Keep hands, feet, clothing and long hair away.**
- **Keep PTO shields and all guards in place.**
- **Disengage PTO (rear and mid), engage the parking brake, stop the engine and make sure all rotating components are stopped before exiting compact tractor.**
- **Do NOT service the compact tractor or implement with the PTO (rear or mid) engaged.**
- **Do NOT service the implement in a raised position unless properly blocked and with all rotating components stopped.**
- **Disengage PTO (rear and mid) for road travel.**

W-2897-1007

⚠ WARNING

AVOID INJURY OR DEATH

Before you leave the operator's seat:

- **Fully lower the loader arms, put the attachment flat on the ground (if equipped).**
- **Fully lower the implement(s) to the ground (if equipped).**
- **Lock brake pedals together and engage the parking brake.**
- **Place F-N-R lever in neutral (SST models only).**
- **Place all controls in neutral.**
- **Stop the engine, unfasten the seat belt and remove the key.**

W-2569-0909

- Keep all shields in place. Replace damaged or missing shields before operating
- Follow warnings and instructions on machine signs (decals). Replace damaged or missing decals.
- Do not wear loose or bulky clothing around the PTO or other moving parts.
- Keep bystanders away from PTO driven equipment, and never allow children near machines.
- Read and understand the manuals for the PTO driven equipment and be aware of safe operating procedures and hazards that may not be readily apparent.
- Always walk around equipment to avoid coming near a turning PTO driveline. Stepping over, leaning across or crawling under a turning PTO driveline can lead to entanglement.
- Do not install an adapter between the machine PTO shaft and implement PTO driveline.
- Never overspeed the PTO. See implement Operation & Maintenance Manual for correct PTO speed.
- Position the machine and implement hitch correctly to prevent driveline stress and separation.
- Use caution when turning. Turning too sharp can cause driveline damage.

⚠ WARNING

DRIVELINE ENTANGLEMENT OR OVERSPEEDING PTO CAN CAUSE SERIOUS INJURY OR DEATH

- **DO NOT install an adapter between the machine PTO shaft and implement PTO driveline.**
- **An adapter can extend the driveline universal joint and connecting yoke beyond the PTO shields.**
- **An adapter can overspeed the implement PTO causing driveline or implement damage.**

W-2799-0609

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LUBRICATING THE IMPLEMENT

Lubrication Locations

Lubricate every 10 hours for the best performance of the three-point finish mower.

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

⚠ WARNING

AVOID INJURY OR DEATH

Wear safety glasses to prevent eye injury when any of the following conditions exist:

- **When fluids are under pressure.**
- **Flying debris or loose material is present.**
- **Engine is running.**
- **Tools are being used.**

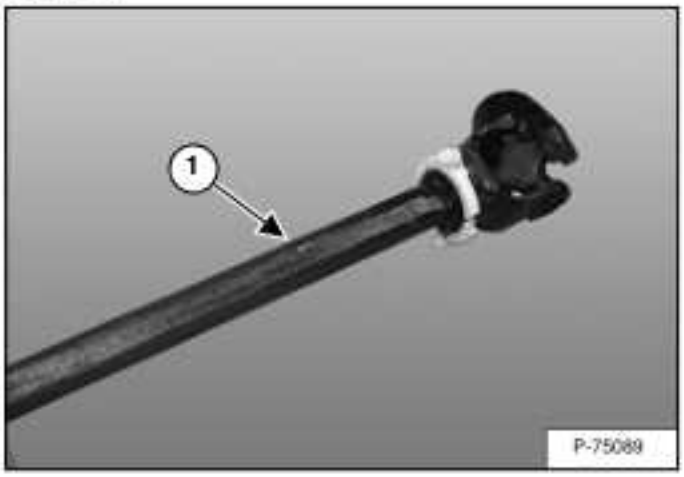
W-2019-0907

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 91



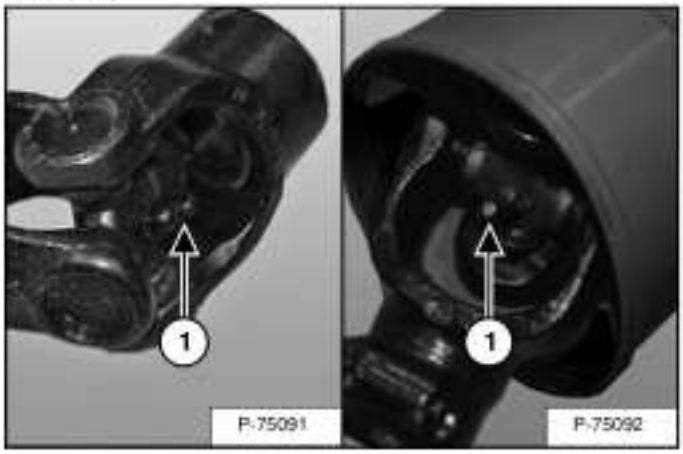
Lubricate the PTO driveline shaft (Item 1) **[Figure 91]**.

Keep the telescoping parts of the driveline clean and well lubricated.

To grease the profile tube, disconnect driveline from the PTO and pull halves apart. Pump grease into the profile tube and reinstall **every 10 hours**. Raise and lower the three-point finish mower to spread grease evenly.

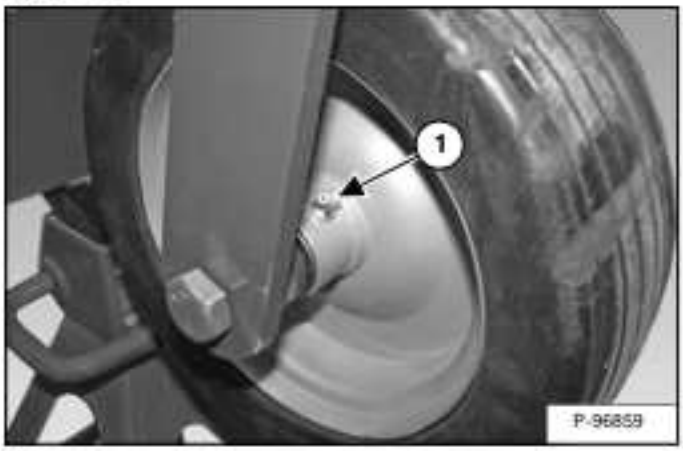
NOTE: If the telescoping parts of the driveline are allowed to become dirty or dry, the driveline will bind, greatly reducing the life of the U-joints.

Figure 92



Lubricate the u-joints (Item 1) **[Figure 92]** on both ends of the PTO driveline.

Figure 93



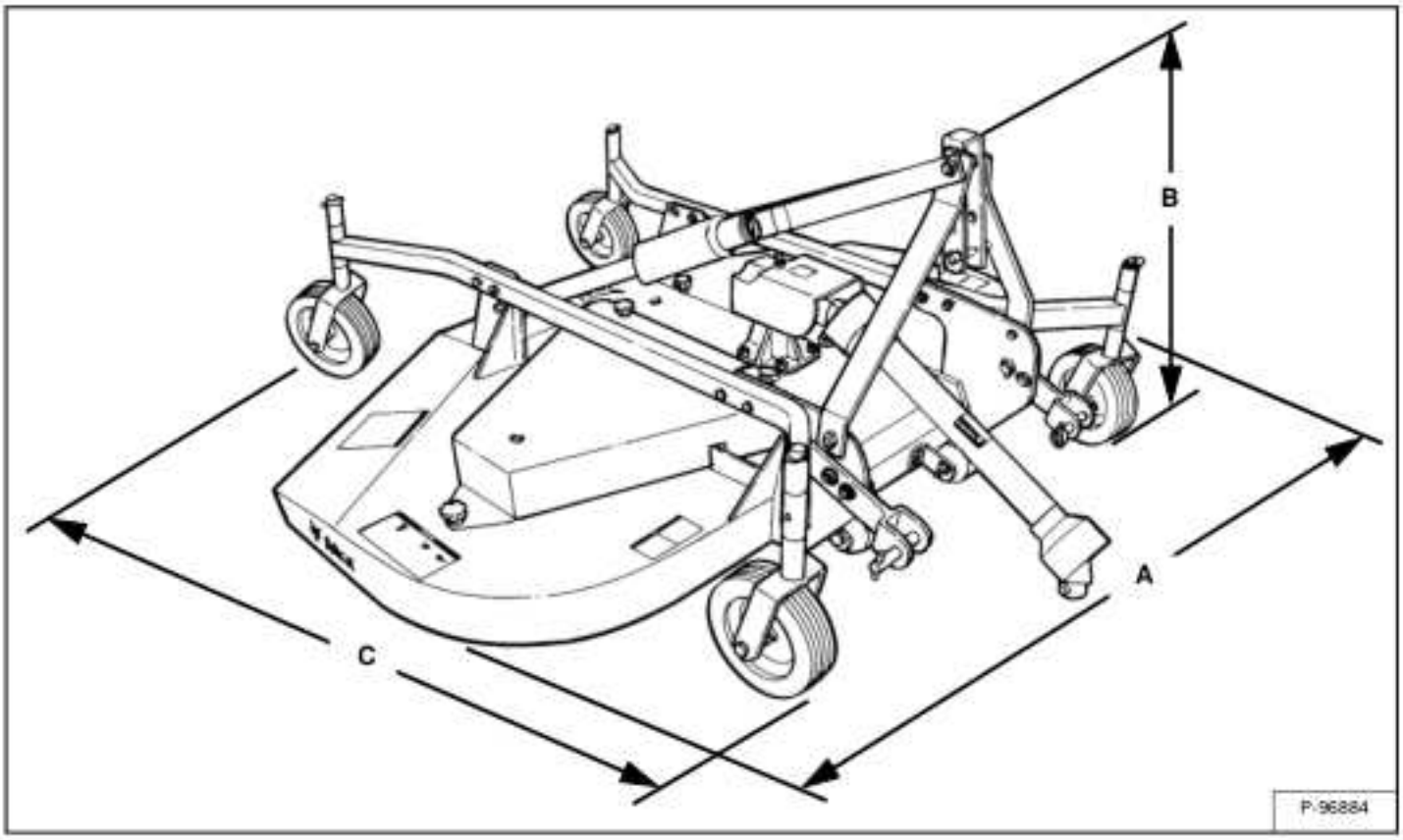
Lubricate the grease fitting (Item 1) **[Figure 93]** on the wheel hubs.

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THREE-POINT FINISH MOWER 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	3FM60	3FM72	3FM84
Overall Width (A)	62.5 in. (1587,5 mm)	74.5 in. (1892,3 mm)	86.5 in. (2197,1 mm)
Overall Cutting Width	60.5 in. (1536,7 mm)	72.38 in. (1838,5 mm)	82.5 in. (2095,5 mm)
Overall Height (B) (min. setting) (max. setting)	34.5 in. (876,3 mm) 39.75 in. (1009,7 mm)	34.5 in. (876,3 mm) 39.75 in. (1009,7 mm)	34.5 in. (876,3 mm) 39.75 in. (1009,7 mm)
Overall Length (C)	70.0 in. (1778,0 mm)	73.5 in. (1866,9 mm)	80 in. (2032,0 mm)

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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.

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