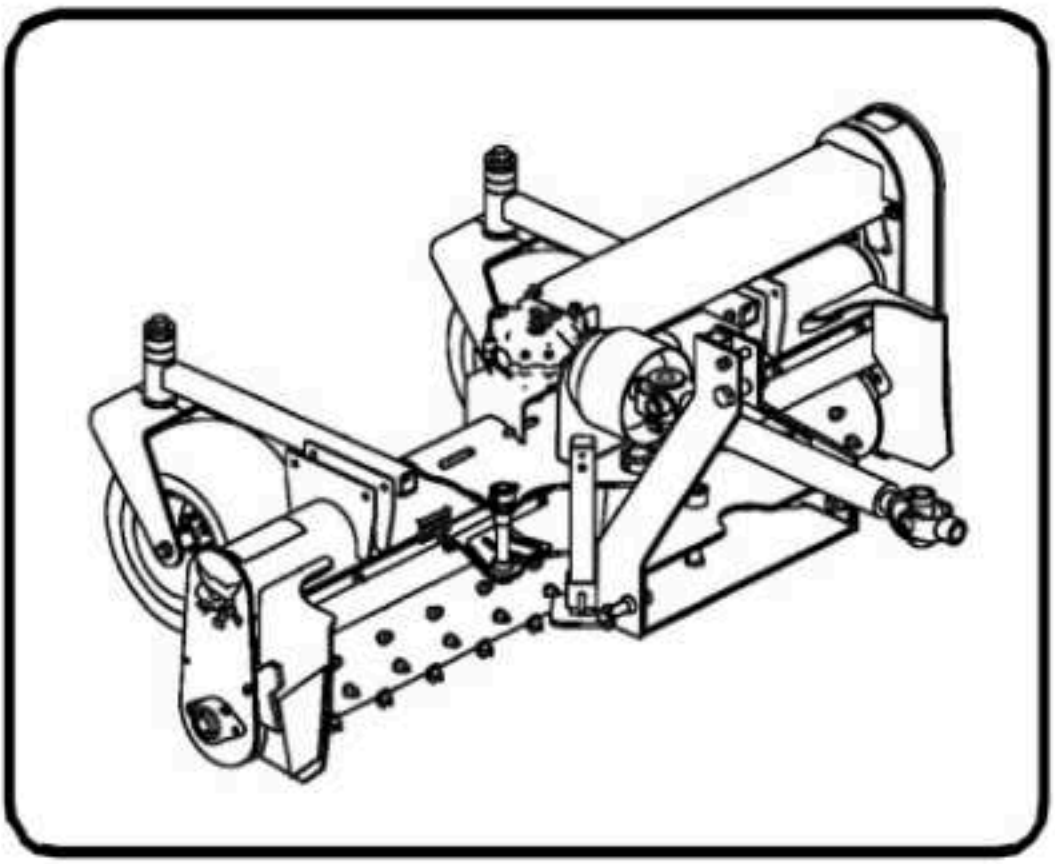
Bobcat

# Operation & Maintenance Manual
# Three-Point Soil Conditioner

**(3SC60H) S/N AH8P00101 & Above**
**(3SC60M) S/N AJKZ00101 & Above**
**(3SC72H) S/N AH8L00101 & Above**
**(3SC72M) S/N AJL400101 & Above**



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**REFERENCE INFORMATION**

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

Three-Point Soil Conditioner
Serial Number _____

NOTES:

_____

_____

_____

_____

_____

YOUR BOBCAT DEALER:

_____

ADDRESS:

_____

PHONE:

_____

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

Bobcat Company Europe
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 soil conditioner. READ AND UNDERSTAND THIS OPERATION & MAINTENANCE MANUAL BEFORE OPERATING YOUR THREE-POINT SOIL CONDITIONER. If you have any questions, see your Bobcat dealer.


BOBCAT COMPANY IS ISO 9001:2000 CERTIFIED . . . . . 5

SERIAL NUMBER LOCATION . . . . . 6
Implement Serial Number . . . . . 6

DELIVERY REPORT . . . . . 6

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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 implement Operation & Maintenance Manual and the compact tractor'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**

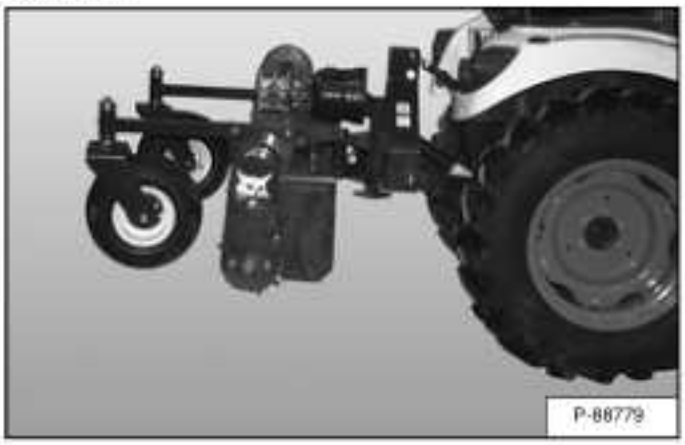
**AVOID INJURY OR DEATH**

**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 all controls in neutral.**
- **Stop the engine, unfasten the seat belt and remove the key.**

W-2569-0907

**Figure 84**




Enter the compact tractor. (See Entering And Exiting The Compact Tractor on Page 48.) Start the engine.

Raise the three-point hitch to the travel position **[Figure 84]**. (See the compact tractor's Operation & Maintenance Manual for detailed information on operating the three-point hitch.)

**NOTE: Damage to the three-point soil conditioner and compact tractor may be caused if PTO is engaged while in the travel position.**

Drive the compact tractor and implement to the work area.

**⚠ WARNING**

**AVOID INJURY OR DEATH**

- **Disengage the PTO (rear and mid), engage the parking brake, 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 (rear and mid) for road travel.**
- **Keep hands, feet and clothing away.**

W-2568-0907

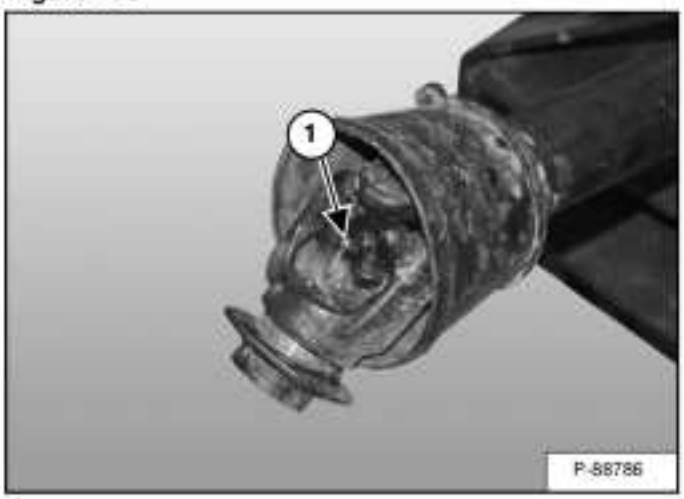
When operating on a public road or highway, always follow local regulation. For example: Slow Moving Vehicle (SMV) emblem or directional signals and hazard/flasher lights may be required.



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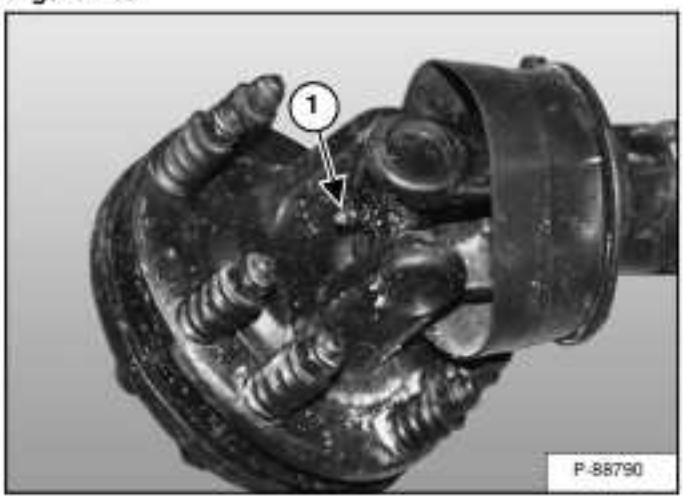
## Lubrication Locations (Cont'd)

**Figure 108**




Apply grease to the front PTO shaft grease fitting (Item 1) **[Figure 108]**.

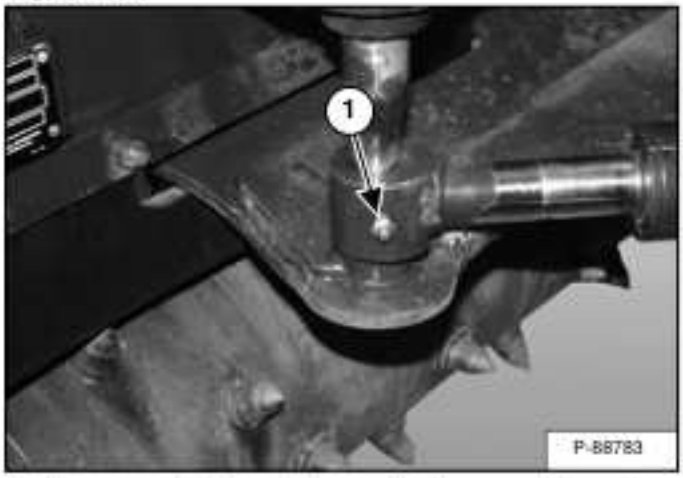
**Figure 109**




Apply grease to the rear PTO shaft grease fitting (Item 1) **[Figure 109]**.

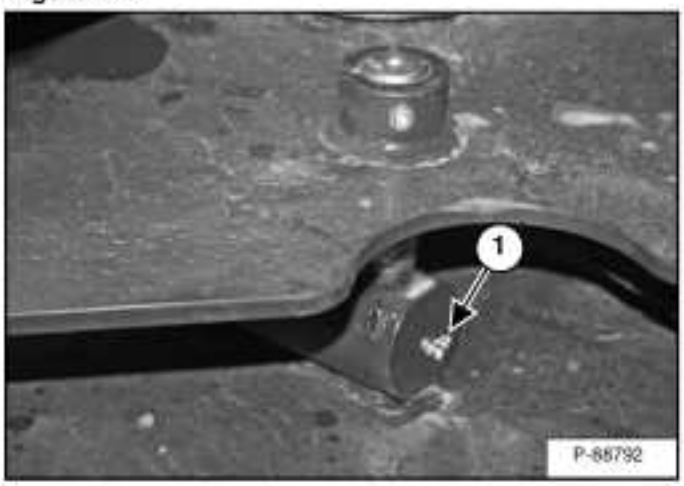
**NOTE: For picture clarity the PTO shaft has been removed.**

**Figure 110**



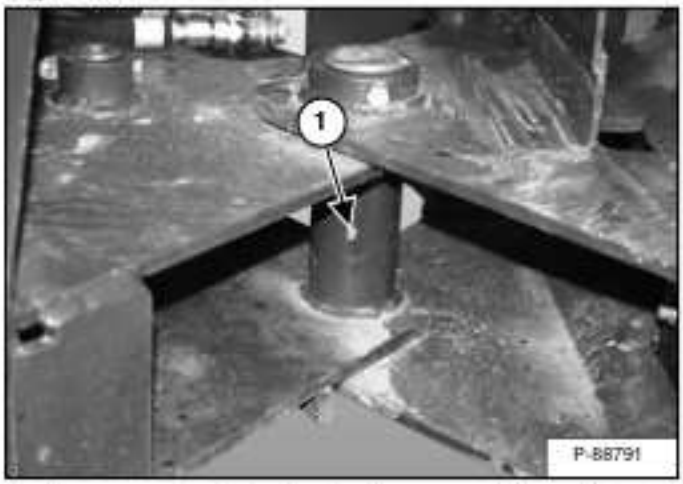

Apply grease to the cylinder rod end grease fitting (Item 1) **[Figure 110]**. (If equipped with hydraulic angle cylinder.)

**Figure 111**




Apply grease to the cylinder base end grease fitting (Item 1) **[Figure 111]**. (If equipped with hydraulic angle cylinder.)

**Figure 112**




Apply grease to the pivot pin grease fitting (Item 1) **[Figure 112]**.

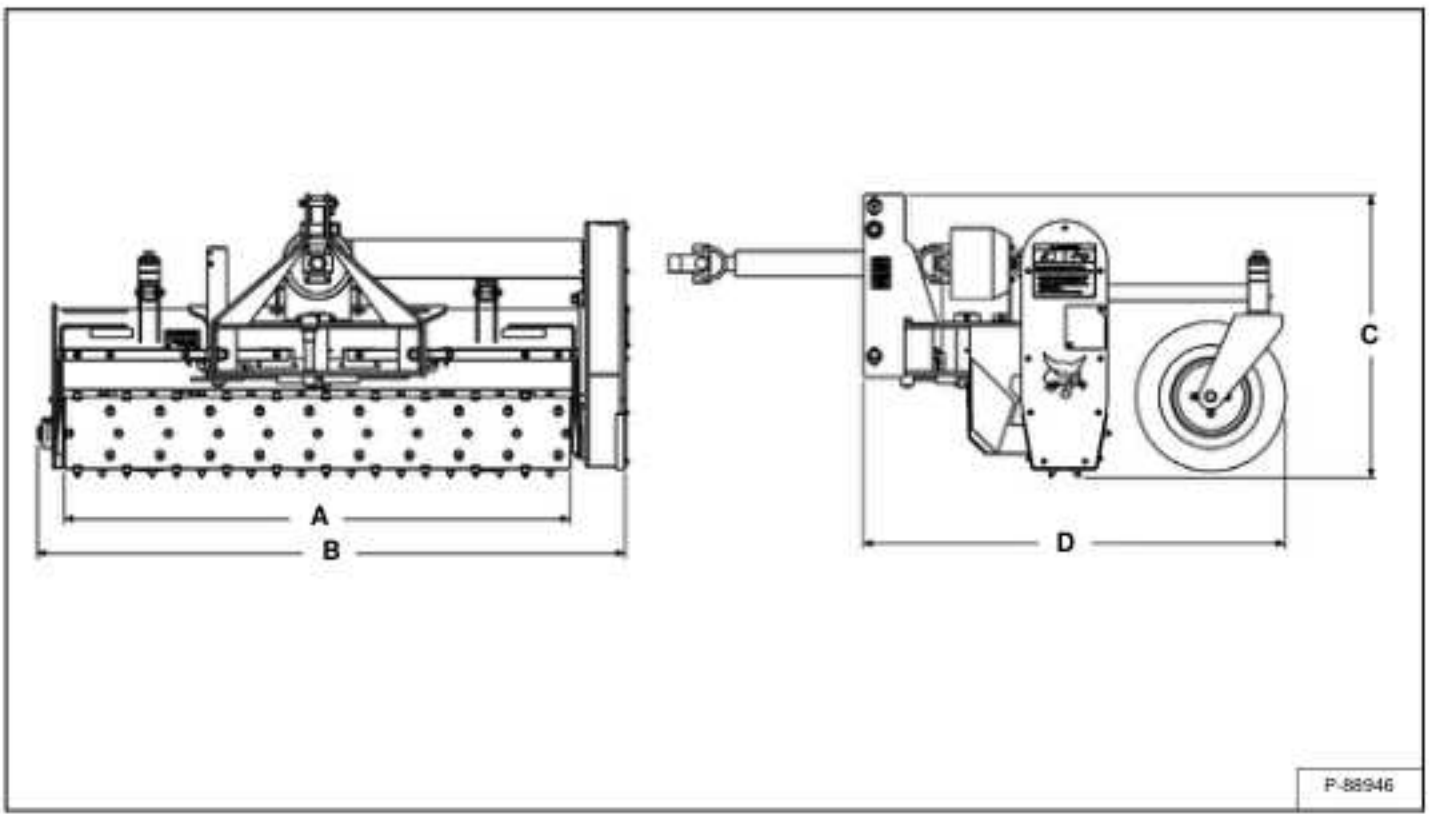


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## (3SC72) THREE-POINT SOIL CONDITIONER SPECIFICATIONS

### 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.




| | |
|---|---|
| Working Width (Dim A) | 73.0 in. (1854,2 mm) |
| Overall Width (Dim B) | 82.85 in. (2104,4 mm) |
| Overall Height (Dim C) | 34.07 in. (865,5 mm) |
| Overall Depth (Dim D) | 50.89 in. (1292,6 mm) |

### Performance

| | |
|---|---|
| Operating Weight | 954 lb. (433 kg) |
| Three-Point Hitch Category | Category I |
| Maximum PTO Speed | 540 RPM |
| Drum Speed at 540 RPM | 278 RPM |
| PTO HP Range | 19.5 - 40 HP |
| Working Depth Range | 1.25 - 4.75 in. (31,8 - 120,7 mm) |
| Maximum Operating Angle | ±15° |
| Working Width Fully Angled | 70.0 in. (1778 mm) |
| Drum Cutting Diameter | 11.18 in. (283,9 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.

SI IMP-0208



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