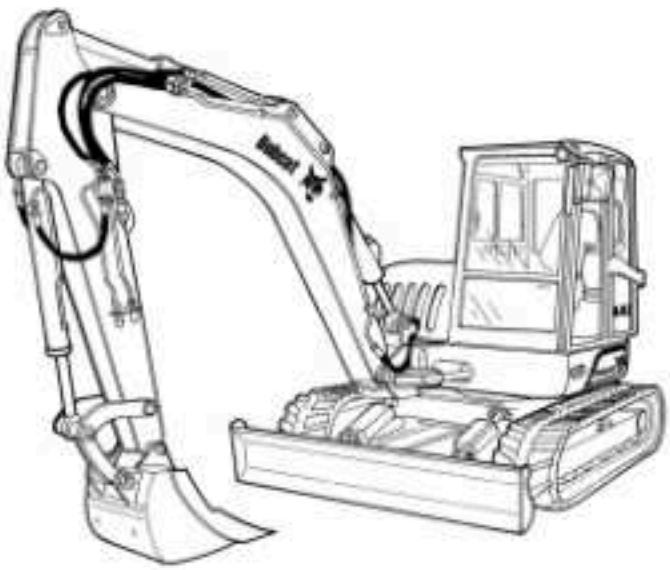
442

Bobcat®

Operation & Maintenance Manual

S/N 522311001 & Above
S/N 528611001 & Above
S/N 528911001 & Above



6901800 (1-07) Revised (S-07) (11)

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REFERENCE INFORMATION

Write the correct information for YOUR Excavator in the spaces below. Always use these numbers when referring to your Bobcat Excavator.

Bobcat Excavator Serial Number _____

Engine Serial Number _____

_____

_____

NOTES _____

_____

_____

_____

_____

YOUR BOBCAT® EXCAVATOR 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 Bobcat Excavator. READ AND UNDERSTAND THIS OPERATION & MAINTENANCE MANUAL BEFORE OPERATING YOUR Bobcat Excavator. If you have any questions, see your Bobcat Excavator dealer.

BOBCAT APPROVED ATTACHMENTS & ACCESSORIES X

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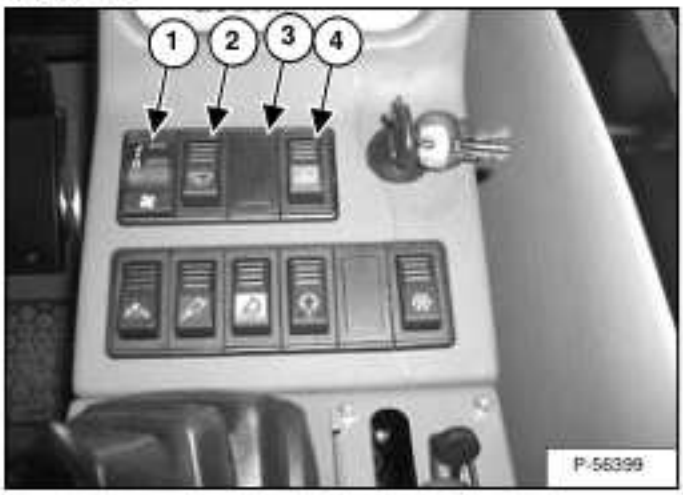
REGULAR MAINTENANCE ITEMS V

SERIAL NUMBER LOCATIONS VII
- Engine Serial Number VII
- Excavator Serial Number VII

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Right Console (Cont'd)

Figure OI-7



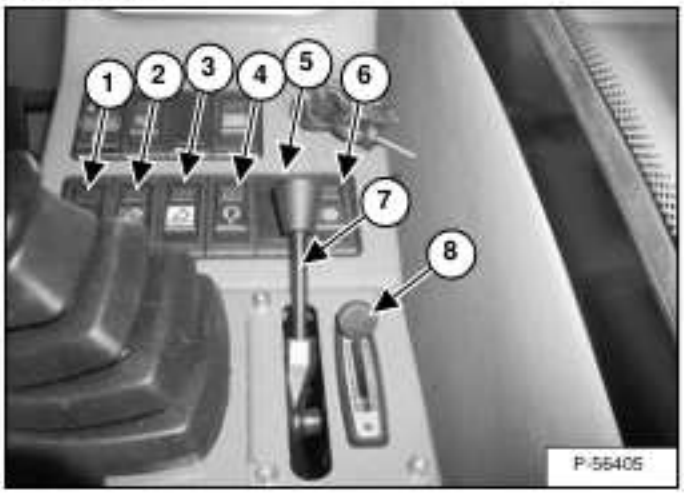
Heater/AC Fan Switch - (Item 1) **[Figure OI-7]** Three speed fan motor control.

Wiper/Washer Switch - (Item 2) **[Figure OI-7]** Starts and stops the wiper motor. Press and hold the bottom of the switch to activate the washer.

Rotating Beacon (If equipped) - (Item 3) **[Figure OI-7]**

Light Switch - (Item 4) **[Figure OI-7]** Press the switch to turn on the cab/boom work light.

Figure OI-8



Two Speed Travel Control Switch - (Item 1) **[Figure OI-8]** Engages and disengages high range travel speed. (The switch will be illuminated in high range.)

Auxiliary Hydraulic Mode Switch - (Item 2) **[Figure OI-8]** Press this switch when using the hydraulic breaker. (The switch will be illuminated.)

Float Switch - (Item 3) **[Figure OI-8]** Press this switch to put the blade in the float position. (The switch will be illuminated.)

Overload Warning Switch - (Item 4) **[Figure OI-8]** Press this switch to engage the overload warning alarm. (The switch will be illuminated.) The warning alarm will sound when the boom/arm/bucket functions are being overloaded.

Motion Alarm (If equipped) - (Item 5) **[Figure OI-8]**

Air Conditioning Switch (Early models) - (Item 6) **[Figure OI-8]** Turns on and off the air conditioning.

Engine Speed Control Lever - (Item 7) **[Figure OI-8]** Controls the RPM of the engine. Push the lever forward for low speed. Pull the lever back to increase engine speed.

Temperature Control Lever - (Item 8) **[Figure OI-8]** Push the lever forward to increase the cab temperatures; backward to decrease temperature.

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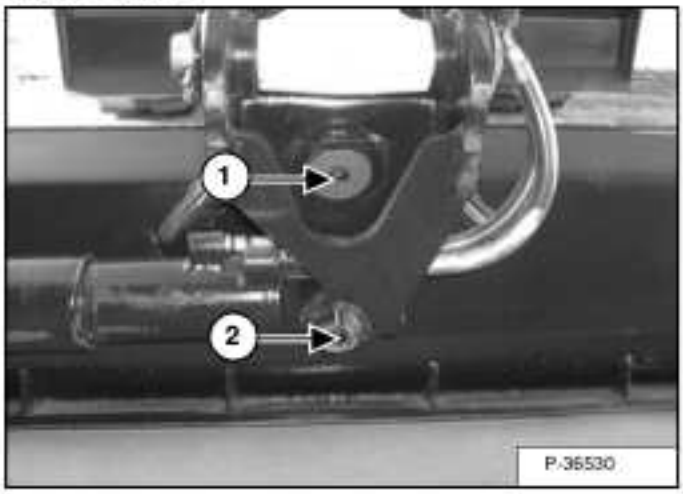
LUBRICATING THE ATTACHMENTS

Tilt Bucket Lubrication

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

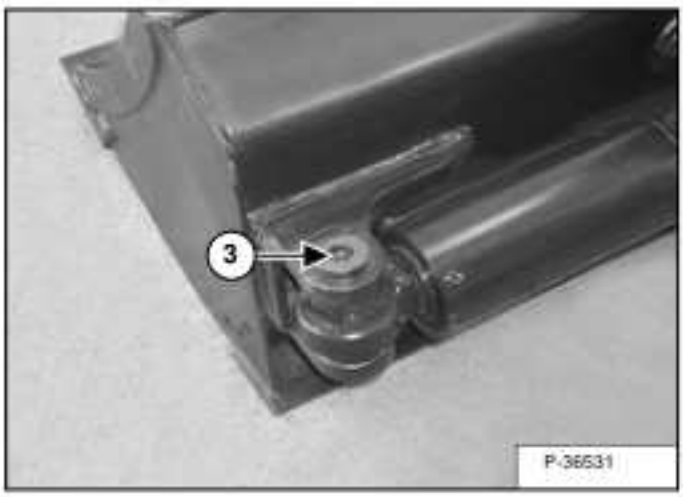
Lubricate the following locations **EVERY 8-10 HOURS**:

Figure PM-130



1. Bucket pivot (1) **[Figure PM-130]**
2. Cylinder base end (1) **[Figure PM-130]**

Figure PM-131

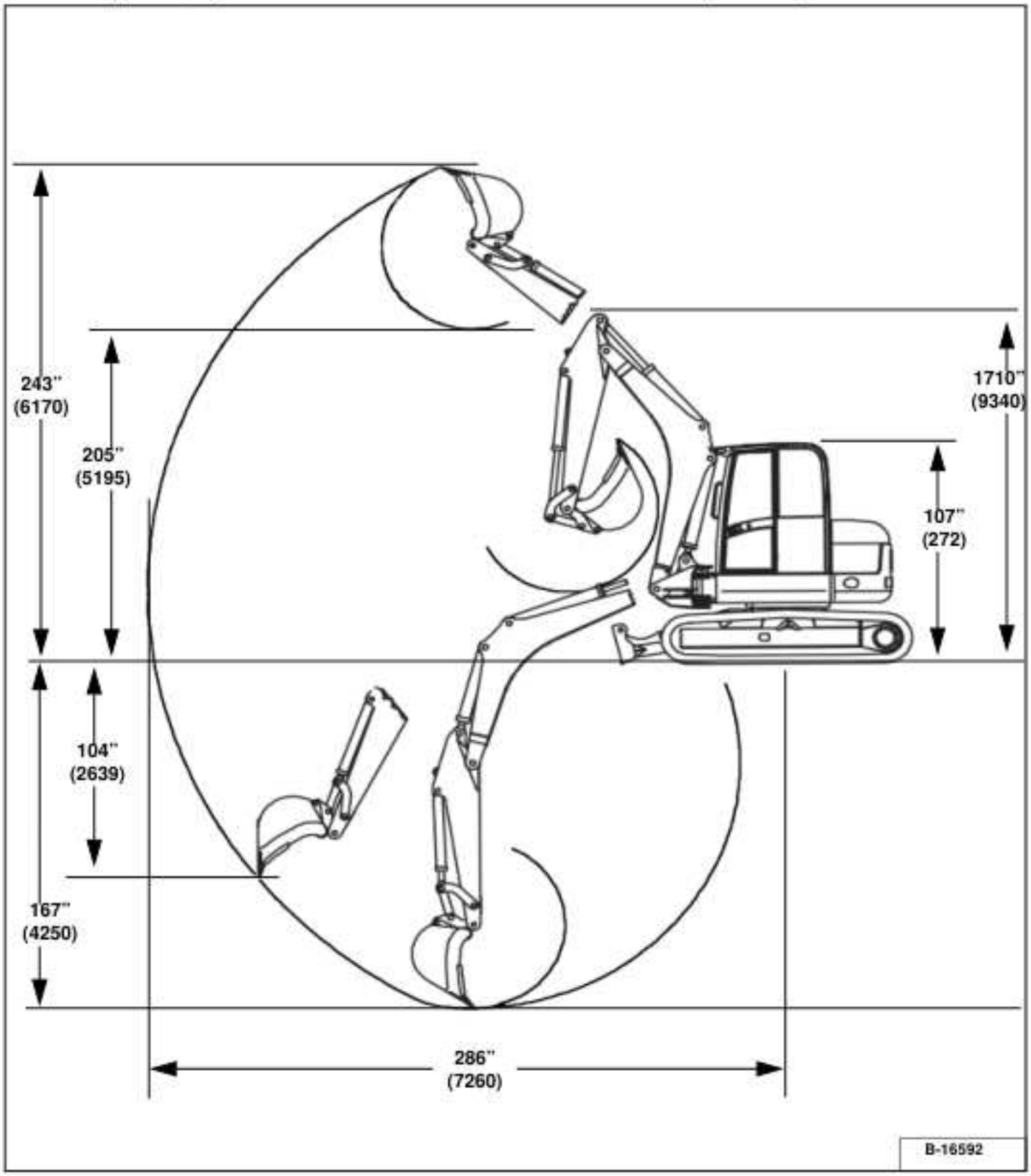


3. Cylinder rod end (1) **[Figure PM-131]**

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Excavator Machine Dimensions

- All dimensions are shown in inches. Respective metric dimensions are given in millimeters enclosed by parentheses.
- Where applicable, specification conform to SAE or ISO standards and are subject to change without notice.



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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 Excavator 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.
- Operator Training Courses are available from your Bobcat dealer in English and Spanish. They provide information for safe and efficient equipment operation. Safety videos are also available.
- Service Safety Training Courses are available from your Bobcat dealer. They provide information for safe and correct service procedures.

Know the Work Conditions

- Know the weight of the materials being handled. Avoid exceeding the Rated Lift Capacity of the machine. 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 **Before Operation** 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 for your model.

SI EXC-0206

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