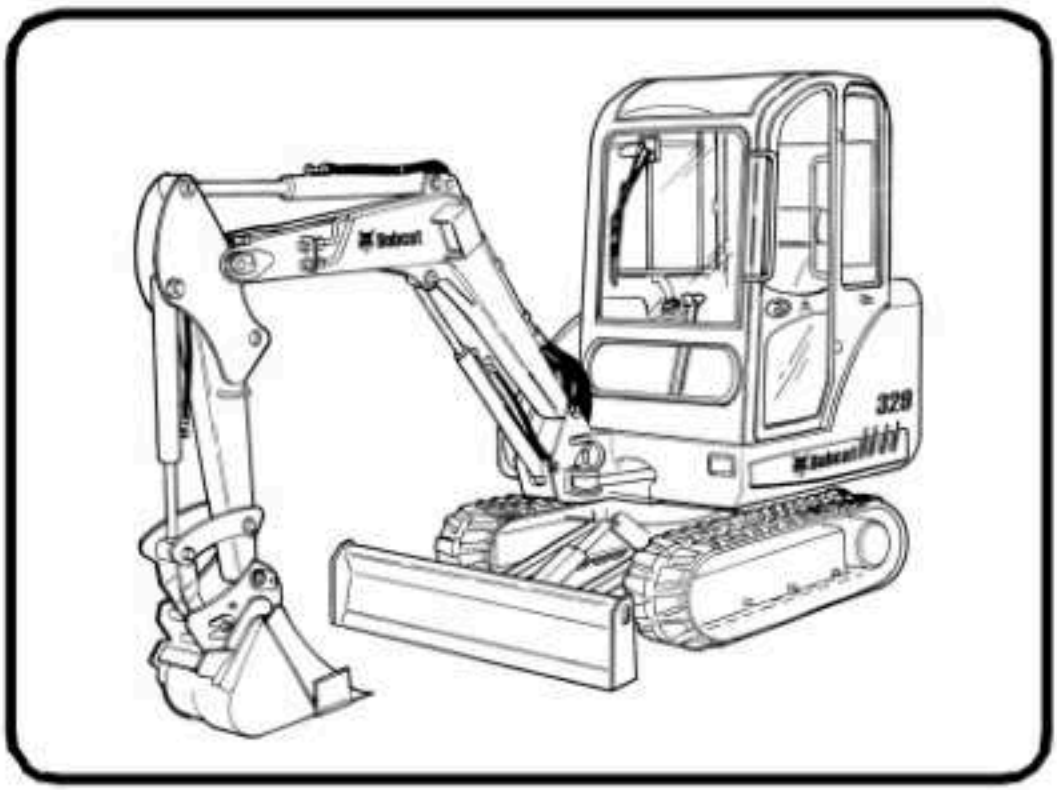
Bobcat®

# Operation & Maintenance Manual
# 329 Compact Excavator

**S/N AACL11001 & Above**
**S/N A9K211001 & Above**




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

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**BOBCAT COMPANY IS ISO 9001:2000 CERTIFIED**

**ISO 9001:2000** is an international standard that controls the processes and procedures which we use to design, develop, manufacture and distribute Bobcat products.

British Standards Institute (**BSI**) is the Certified Registrar Bobcat Company chose to assess the Company's compliance with the ISO 9001:2000 standard. The BSI registration certifies that the two Bobcat manufacturing plants and the Bobcat corporate offices (Gwinner, Bismarck & West Fargo) in North Dakota are in compliance with ISO 9001:2000. Only certified assessors, like BSI, can grant registrations.

ISO 9001:2000 means that as a company we say what we do and do what we say. In other words, we have established procedures and policies, and we provide evidence that the procedures and policies are followed.

**CALIFORNIA**
**PROPOSITION 65 WARNING**

Diesel engine exhaust and some of its constituents are known to the State of California to cause cancer, birth defects and other reproductive harm.

**REGULAR MAINTENANCE ITEMS**

| | | | |
|---|---|---|---|
|  | ENGINE OIL FILTER (6 Pack)<br>6675517 |  | BATTERY 6670251 |
|  | FUEL FILTER 6667352 |  | FLUID, Hydraulic / Hydrostatic<br>6903117 - (2.5 Gal.)<br>6903118 - (5 Gal.)<br>6903119 - (55 Gal.) |
|  | AIR FILTER, Outer<br>6672467 |  | RADIATOR CAP<br>6646678 |
|  | AIR FILTER, Inner<br>6672468 |  | PROPYLENE GLYCOL ANTI-FREEZE, Premixed [-34° F (-37°C)]<br>6724094 |
|  | PRIMARY HYDRAULIC FILTER 6661248<br>CASE DRAIN HYDRAULIC FILTER 6516722 |  | PROPYLENE GLYCOL ANTI-FREEZE, Concentrate<br>6724354 |
| **MOTOR OIL**<br>6903105 . . . . SAE 15W/40 CE/SG (12 qt.)<br>6903106 . . . . SAE 15W/40 CE/SG (1 Gal.)<br>6903113 . . . . . SAE 15W/40 CE/SG (2.5 Gal.)<br><br>6903107 . . . . SAE 10W/30 CE/SG (12 qt.)<br>6903108 . . . . SAE 10W/30 CE/SG (1 Gal.)<br>6903112 . . . . . SAE 10W/30 CE/SG (2.5 Gal.) | | 6903109 . . . . . SAE 30W CE/SG (12 qt.)<br>6903110 . . . . . SAE 30W CE/SG (1 Gal.)<br>6903111 . . . . . SAE 30W CE/SG (2.5 Gal.) | |

**NOTE: Always verify Part Numbers with your Bobcat dealer.**



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## Control Console

Figure OI-52




Lower the control console **[Figure OI-52]**.

**NOTE: There is a control lock switch in the left console which deactivates the hydraulic control levers (joysticks) and the traction drive system when the control console is raised. The console must be in the locked down position for the hydraulic control levers (joysticks) and traction system to operate.**

**NOTE: If the control lock switch does not deactivate the control levers and traction system when console is raised, see your Bobcat dealer for service.**



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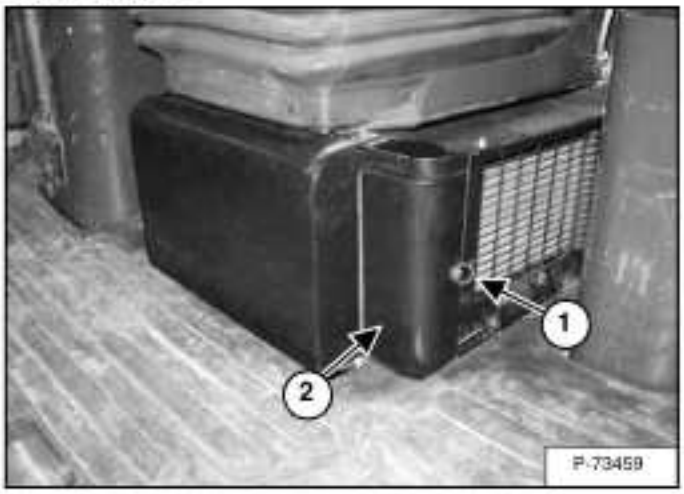
## CAB FILTERS

### Cleaning And Maintenance

The recirculation filter must be cleaned regularly. The filter is located at the left of the operator seat.

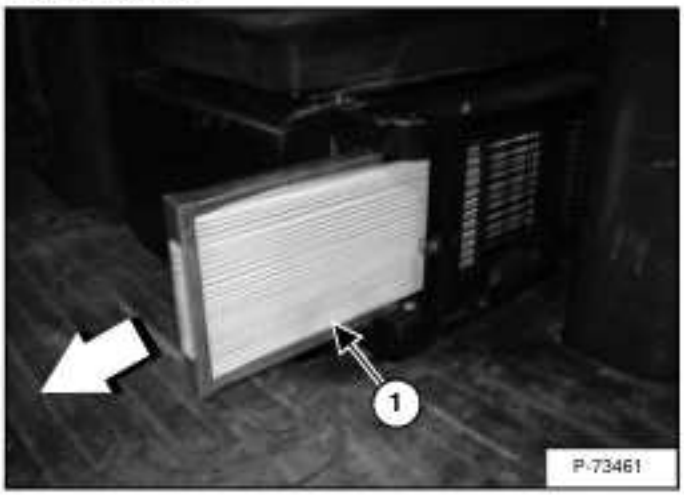
The heater filter must be cleaned regularly. The filter is located at the left of the operator seat.

**Figure PM-132**




Turn the fastener (Item 1) 1/4 turn and remove the cover (Item 2) **[Figure PM-132]**.

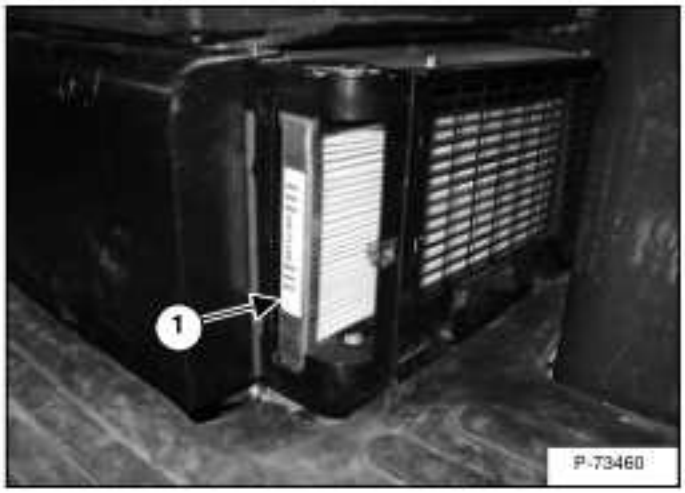
**Figure PM-133**




Pull the filter (Item 1) **[Figure PM-133]** out of the heater housing.

Use low air pressure to clean the filter. Replace the filter when very dirty.

**Figure PM-134**




***Installation:*** Install the filter with the arrows that indicate air flow direction (Item 1) **[Figure PM-134]** pointing towards the heater housing.

The filter must be cleaned regularly.

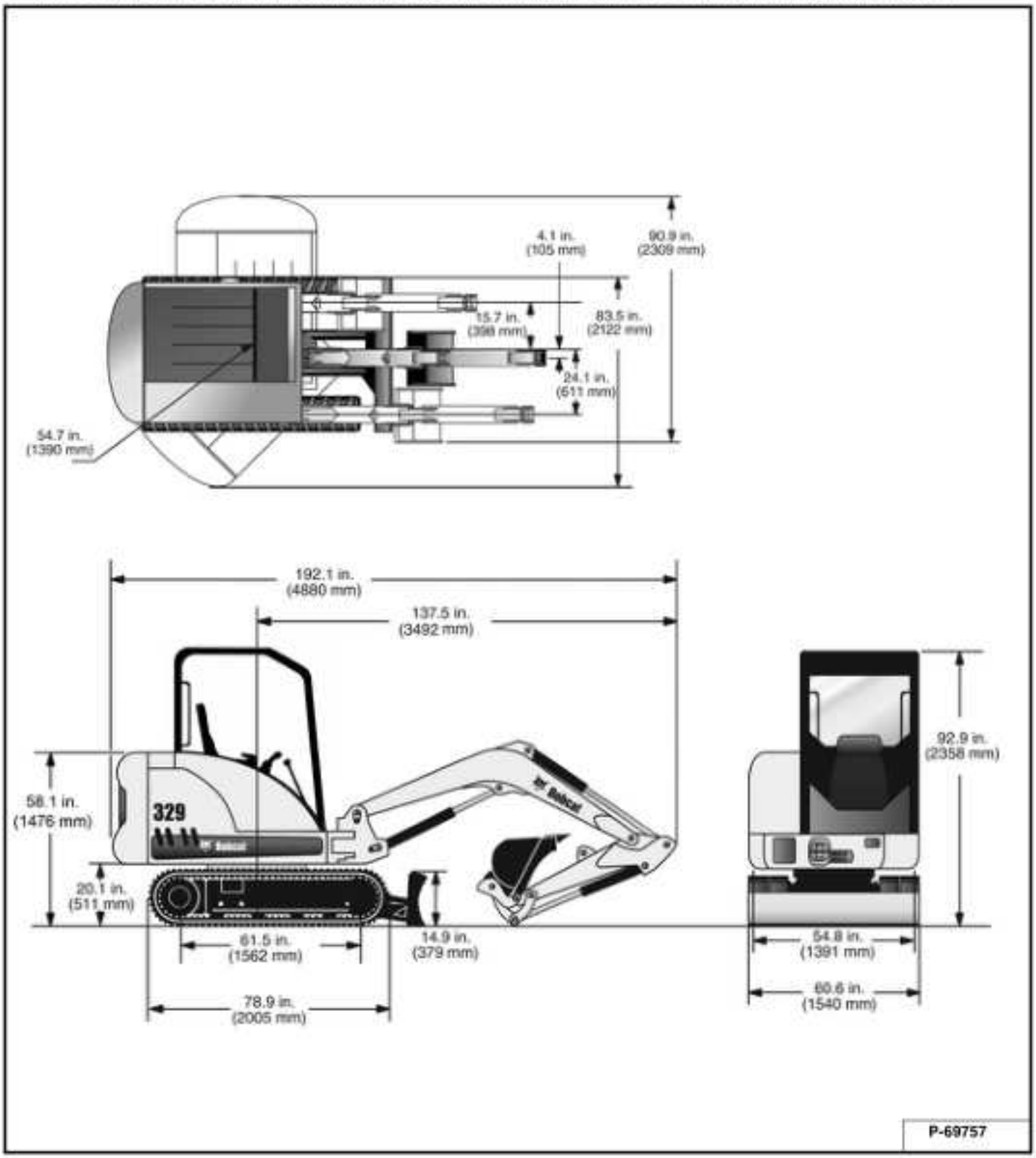


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## EXCAVATOR SPECIFICATIONS

### 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, respiratory equipment, hearing protection or Special Applications Kits are required for some work. See your Bobcat dealer about Bobcat Safety Equipment for your model.

SI EXC-1007



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