

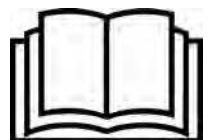
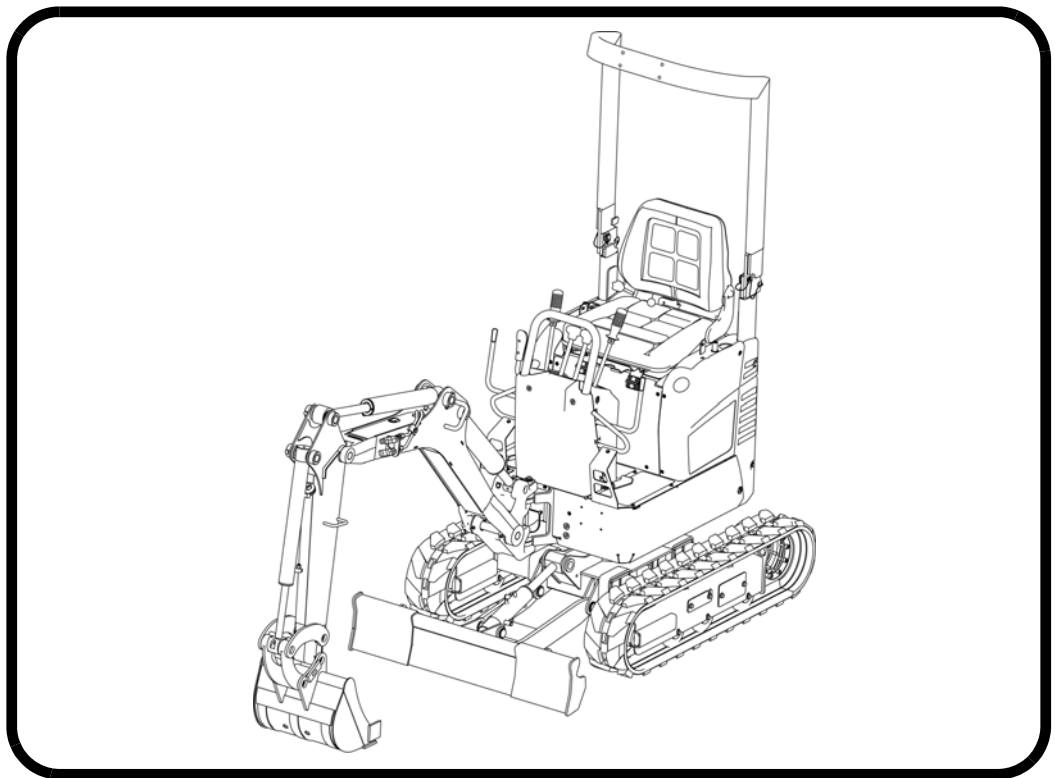


Bobcat®

EN

Operation & Maintenance Manual E08 Compact Excavator

S/N A4BP11001 & Above



OPERATOR SAFETY WARNING



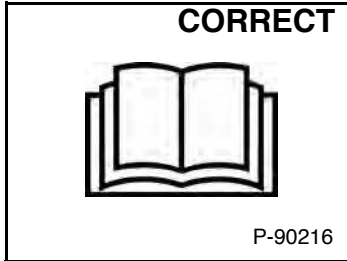
WARNING

Operator must have instructions before operating the machine. Untrained operators can cause injury or death.

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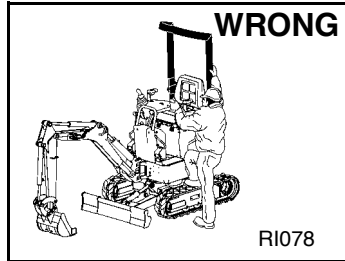


Safety Alert Symbol: This symbol with a warning statement, means: "Warning, be alert! Your safety is involved!" Carefully read the message that follows.



⚠ Never operate without instructions.

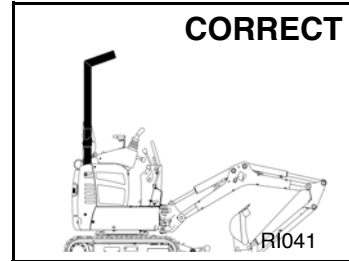
⚠ Read machine signs, Operation & Maintenance Manual, and Operator's Handbook.



⚠ Do not grasp control handles when entering machine.

⚠ Be sure controls are in neutral before starting.

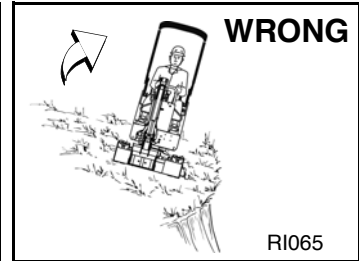
⚠ Sound horn and check behind machine before starting.



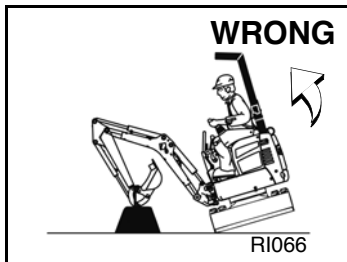
⚠ Never operate without approved TOPS.

⚠ Never modify equipment.

⚠ Never use attachments not approved by Bobcat Company.

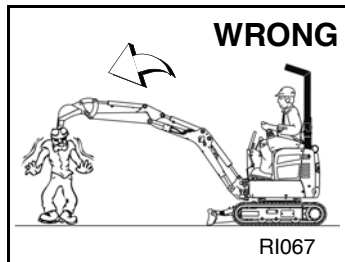


⚠ Avoid steep areas or banks that could break away.



⚠ Use caution to avoid tipping - do not swing heavy load over side of track.

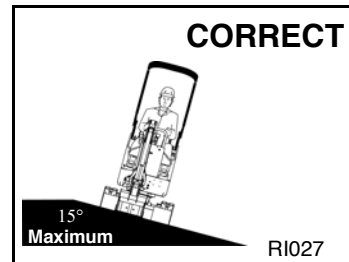
⚠ Operate on flat, level ground.



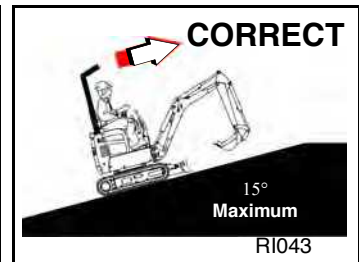
⚠ Keep bystanders out of maximum reach area.

⚠ Do not travel or turn with bucket extended.

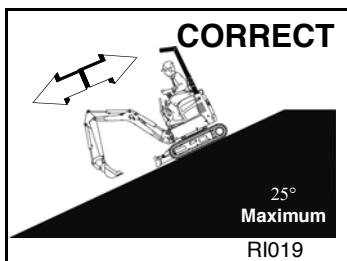
⚠ Never carry riders.



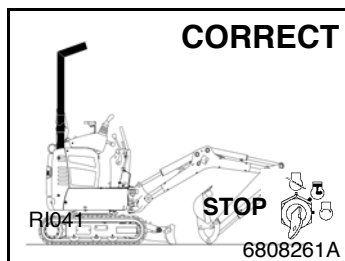
⚠ Never exceed a 15° slope to the side.



⚠ Never travel up a slope that exceeds 15°.

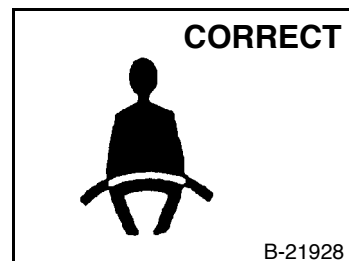


⚠ Never exceed 25° when going down or backing up a slope.



⚠ To leave excavator, lower the attachment.

⚠ Stop the engine.



⚠ Use TOPS and fasten seat belt securely.

⚠ Operate controls only from operator's seat.

⚠ Keep feet and hands on controls.

SAFETY EQUIPMENT

1. Seat Belt
2. Slew Lock
3. TOPS
4. Safety Signs (Decals)
5. Safety Tread
6. Grab Handles
7. Operator's Handbook: Must be on machine.

OSW56-0409



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CONTENTS

CONTENTS	3
FOREWORD	5
SAFETY AND TRAINING RESOURCES	17
OPERATING INSTRUCTIONS	29
PREVENTIVE MAINTENANCE	61
SPECIFICATIONS	97
WARRANTY	107
ALPHABETICAL INDEX	111

REFERENCE INFORMATION

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

Excavator Serial
Number

Engine 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



Bobcat®

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 dealer. This manual may illustrate options and accessories not installed on your excavator.

DECLARATION OF CONFORMITY	7
For Model E08	7
BOBCAT COMPANY IS ISO 9001 CERTIFIED	9
REGULAR MAINTENANCE ITEMS	9
LUBRICANTS AND FLUIDS	10
SERIAL NUMBER LOCATIONS	11
Excavator Serial Number	11
Engine Serial Number	11
DELIVERY REPORT	12
EXCAVATOR IDENTIFICATION	13
FEATURES, ACCESSORIES AND ATTACHMENTS	14
Standard Items	14
Options And Accessories	14
Attachments	14
OPERATOR CANOPY (TOPS)	15



DECLARATION OF CONFORMITY

For Model E08

Contents of EC Declaration of Conformity

This information is provided in the operators manual to comply with clause 1.7.4.2(c) of Annex I of Machinery Directive 2006/42/EC.

The official EC Declaration of Conformity is supplied in a separate document.

Manufacturer



Bobcat®

Bobcat Company
World Headquarters
250 East Beaton Drive
West Fargo, ND 58078-6000
UNITED STATES OF AMERICA

Technical Documentation

Doosan Benelux SA
Drève Richelle 167
B-1410 Waterloo
BELGIUM

Directive 2000/14/EC: Noise Emission in the Environment by Equipment For Use Outdoors

Notified Body

Technical and Test Institute for Construction
Prague, Czech Republic
Notified Body Number: 1020

EC Certificate No.

1020-090-022395

Conformity Assessment Procedure(s)

2000/14/EC, Annex VIII, Full Quality Assurance

Sound Power Levels [Lw(A)]

Measured Sound Power	92dBA
Guaranteed Sound Power	93dBA

Description of Equipment

Type of Equipment: Excavator
Model Name: E08*AAEM
Model Code: A4BP

Engine Manufacturer: Kubota
Engine Model: D722-E2B-BCZ-6
Engine Power: 7,4 kW @ 2000 RPM

Equipment conforms to CE Directive(s) Listed Below

2006/42/EC: Machinery Directive
2004/108/EC: Electromagnetic Compatibility Directive

Declaration of Conformance

This equipment conforms to the requirements specified in all the EC Directives listed in this declaration.

Effective From:

29 December 2009



BOBCAT COMPANY IS ISO 9001 CERTIFIED










ISO 9001 is an international standard that specifies requirements for a quality management system that controls the processes and procedures which we use to design, develop, manufacture, and distribute Bobcat products.














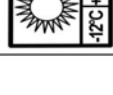























































































































































British Standards Institute (**BSI**) is the Certified Registrar Bobcat Company chose to assess the company's compliance with the ISO 9001 at Bobcat's manufacturing facilities in Gwinner, North Dakota (U.S.A.), Pontchâteau (France), and the Bobcat corporate offices (Gwinner, Bismarck, and West Fargo) in North Dakota. **TÜV Rheinland** is the Certified Registrar Bobcat Company chose to assess the company's compliance with the ISO 9001 at Bobcat's manufacturing facility in Dobris (Czech Republic). Only certified assessors, like BSI and TÜV Rheinland, can grant registrations.

ISO 9001 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.

REGULAR MAINTENANCE ITEMS

	ENGINE OIL FILTER 6671057		PRIMARY HYDRAULIC FILTER 6661248
	FUEL FILTER 6667352		BATTERY 6670251
	AIR FILTER, Outer 6673752		RADIATOR CAP 7257434
	AIR FILTER, Inner 6673753		

NOTE: Always verify Part Numbers with your Bobcat dealer.

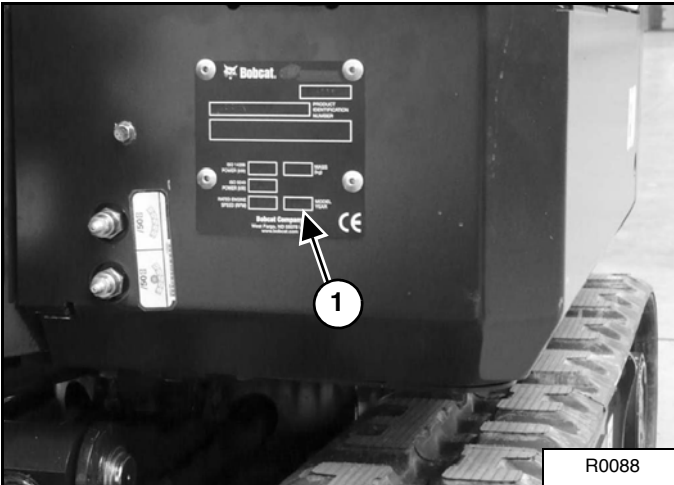
Bobcat Equipment												Only for Wheeled EXC and AL			
ENGINE / LOADER TRANSMISSION						HYDRAULIC/ HYDROSTATIC		ANTIFREEZE COOLANT		AXLE / TRANSMISSION		BRAKE FLUID			
 Bobcat Engine Power SAE 10W30 CJ4 Bobcat Engine Power SAE 15W40 CJ4 Bobcat Engine Power SAE 15W40 Bobcat Engine Power SAE 20W50						 Bobcat Superior SH Hydraulic/Hydrostatic Bobcat Bio Hydraulic Hydraulic/Hydrostatic		 Bobcat PG Coolant Concentrated Bobcat PG Coolant 4 Seasons Bobcat EG Coolant Concentrated Bobcat EG Coolant Premixed		 Bobcat Axle / Transmission oil SAE 85W90 LS Bobcat Axle / Transmission Oil ISO 100		 Bobcat Brake Fluid LHM			
Packaging						Lineart									
5 L Can														6987796A	
25 L Container														6987790A	
209 L Drum														6987789A	
1000 L Tank														6987797A	
														6987791A	
														6987792A	
														6987792B	
														6987792C	
														6987792D	
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SERIAL NUMBER LOCATIONS

Always use the serial number of the excavator when requesting service information or when ordering parts. Early or later models (identification made by serial number) may use different parts, or it may be necessary to use a different procedure in doing a specific service operation.

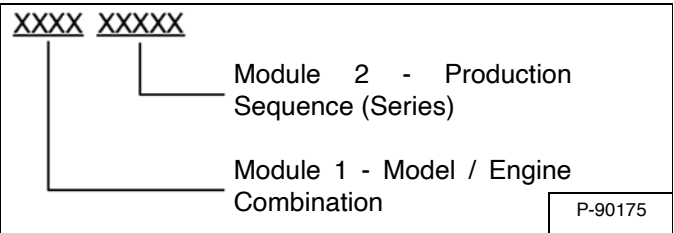
Excavator Serial Number

Figure 1



The excavator serial number plate (Item 1) [Figure 1] is located on the frame of the machine in the location shown.

Explanation of excavator Serial Number:



- 1. The four digit Model / Engine Combination Module number identifies the model number and engine combination.
- 2. The five digit Production Sequence Number identifies the order which the excavator is produced.

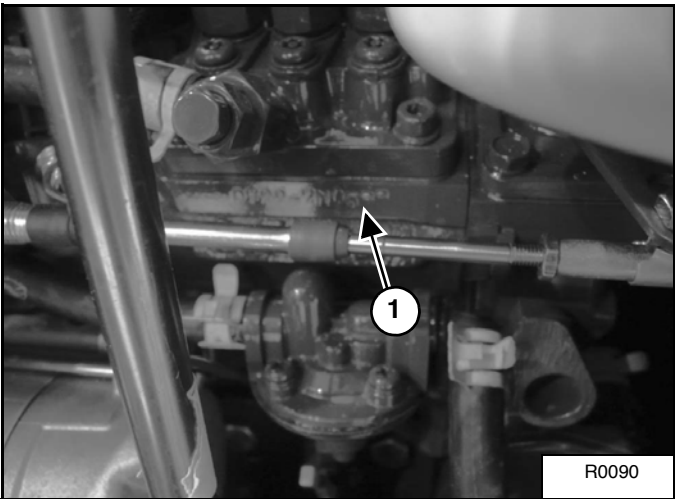
Engine Serial Number

Figure 2



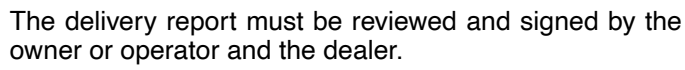
The engine serial number is located as a plate (Item 1) on the top of the engine [Figure 2].

Figure 3

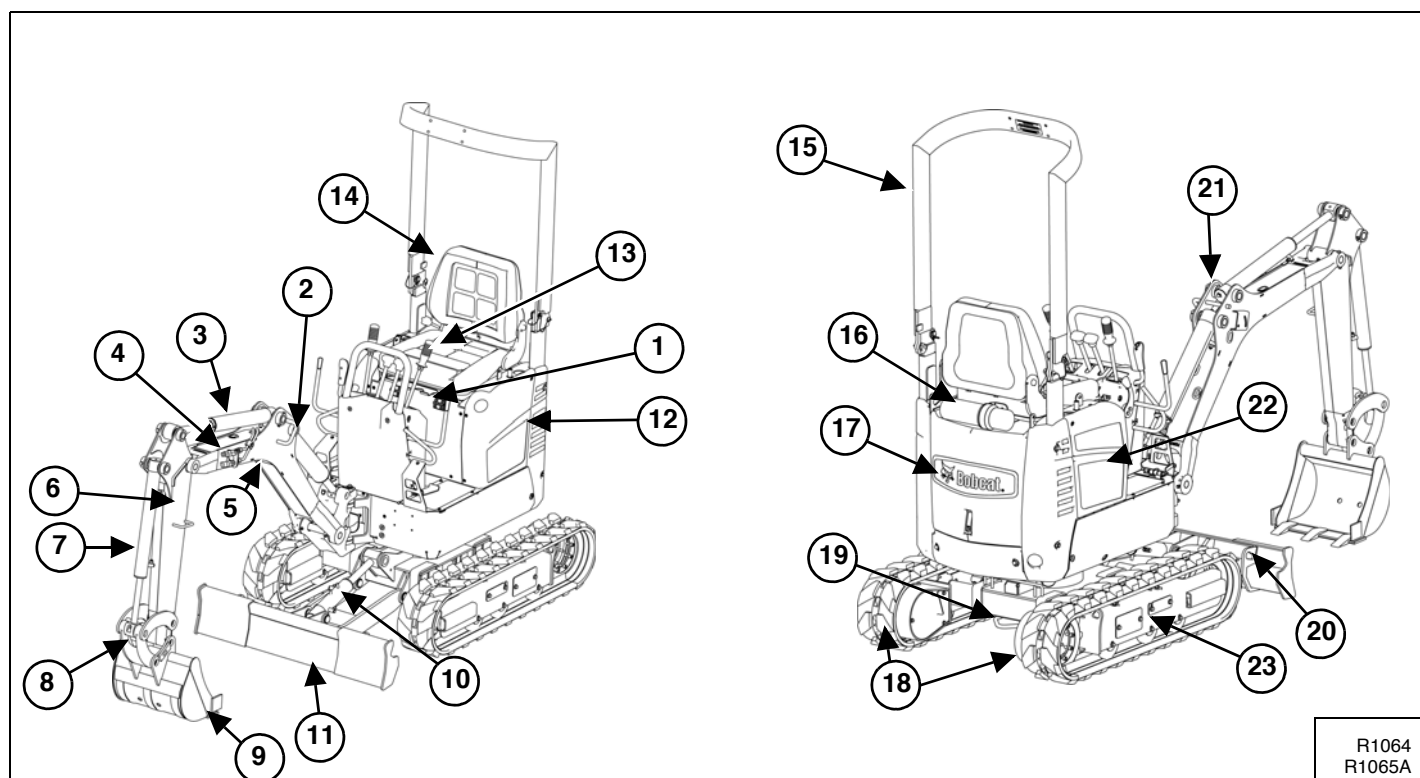


It also appears engraved on the side of the engine (Item 1) [Figure 3].

Figure 4



EXCAVATOR IDENTIFICATION



ITEM	DESCRIPTION	ITEM	DESCRIPTION
1	Operator's Handbook	15	Tip-Over Protective Structure (TOPS)
2	Boom Cylinder	16	Operation & Maintenance Manual
3	Arm Cylinder	17	Tailgate
4	Auxiliary Quick Couplers	18	Tracks
5	Boom	19	Tie Downs
6	Arm	20	Tie Downs / Lift Point (Both Sides)
7	Bucket Cylinder	21	Lift Point
8	Bucket Link / Attachment Coupler (If Equipped)	22	Right Side Cover
9	Bucket [A]	23	Track Frames
10	Blade Cylinder		
11	Blade		
12	Upperstructure		
13	Control Levers (Joysticks)		
14	Operator's Seat with Seat Belt		

[A] BUCKET - Several different buckets and other attachments are available for the Bobcat excavator.

FEATURES, ACCESSORIES AND ATTACHMENTS

Standard Items

Model E088 Bobcat excavators are equipped with the following standard items:

- 710 mm dozer blade / 1000 mm extended
- 180 mm rubber track
- Auxiliary hydraulics
- Control console locks
- Horn
- Hydraulically expandable undercarriage from 710 to 1000 mm
- Retractable seat belt
- Spark arrester muffler
- Suspension seat
- * TOPS canopy
- Vandalism protection
- Working lights

Options And Accessories

Below is a list of some equipment available from your Bobcat excavator dealer as Dealer and / or Factory Installed Accessories and Factory Installed Options. See your Bobcat dealer for other available options, accessories and attachments.

- Auxiliary double action
- Auxiliary quick coupler
- Beacon
- Demolition kit
- Keyless Start
- Motion alarm
- Strobe

Specifications subject to change without notice and standard items can vary.

Attachments

These and other attachments are approved for use on this model Bobcat excavator. Do not use unapproved attachments. Attachments not manufactured by Bobcat can not be approved.

The versatile Bobcat excavator quickly turns into a multi-job machine with a variety of attachments.

See your Bobcat dealer for more details on these and other attachments and field accessories.

- Digging bucket
- Grading bucket
- Hydraulic breaker

OPERATOR CANOPY (TOPS)

The excavator has an operator canopy (TOPS - Tip-Over Protective Structure) as standard equipment. The TOPS meets ISO 3471 and ISO 12117.

The canopy provides operator protection if the excavator is tipped over. The seat belt must be worn for TOPS protection.



Never modify operator cab by welding, grinding, drilling holes or adding attachments unless instructed to do so by Bobcat Company. Changes to the cab can cause loss of operator protection from rollover and falling objects, and result in injury or death.

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SAFETY AND TRAINING RESOURCES

SAFETY INSTRUCTIONS	19
Before Operation	19
Safe Operation Is The Operator's Responsibility	20
Safe Operation Needs A Qualified Operator	20
Avoid Silica Dust	21
FIRE PREVENTION	21
Maintenance	21
Operation	21
Electrical	21
Hydraulic System	22
Fueling	22
Starting	22
Spark Arrester Exhaust System	22
Welding And Grinding	22
Fire Extinguishers	22
PUBLICATIONS AND TRAINING RESOURCES	23
MACHINE SIGNS (DECALS)	24
No-Text Safety Signs	26



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