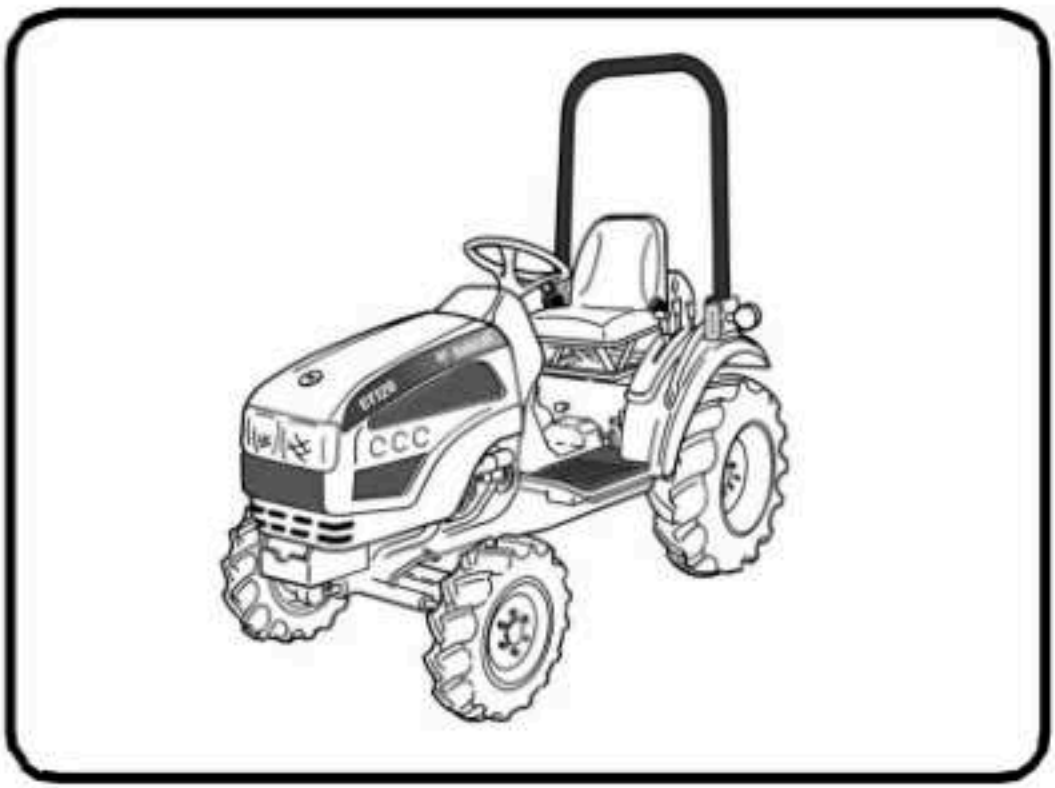
Bobcat®

Operation & Maintenance Manual
CT120 Compact Tractor

S/N A59A11001 & Above



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Printed in U.S.A.

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REFERENCE INFORMATION

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

Compact Tractor Serial Number _____

Engine Serial Number _____

Loader Serial Number (If Equipped) _____

NOTES: _____

_____

_____

_____

YOUR BOBCAT DEALER:

_____

ADDRESS:

_____

PHONE:

_____

Bobcat Company
P.O. Box 128
Gwinner, ND 58040-0128
UNITED STATES OF AMERICA

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B-1410 Waterloo
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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 compact tractor. READ AND UNDERSTAND THIS OPERATION & MAINTENANCE MANUAL BEFORE OPERATING YOUR BOBCAT COMPACT TRACTOR. If you have any questions, see your Bobcat dealer. This manual may illustrate options and accessories not installed on your compact tractor.

BOBCAT COMPANY IS IS0 9001 CERTIFIED 7

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SERIAL NUMBER LOCATIONS 8
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COMPACT TRACTOR IDENTIFICATION (WITH OPTIONAL LOADER AND REAR BALLAST) 11

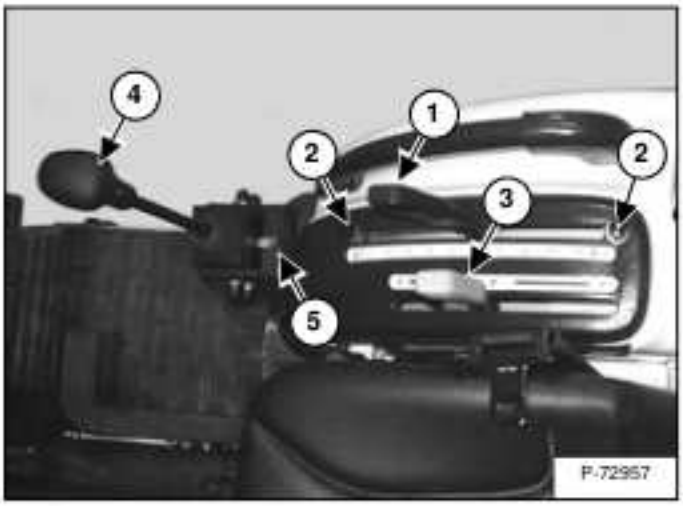
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- Implements - Three-Point Hitch 13
- Implements - Mid Mount 13
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Right Console

Figure 10



REF	DESCRIPTION	FUNCTION / OPERATION
1	Three-Point Hitch Position Lever	Move lever forward to lower the Three-Point Hitch lower links, move lever back to raise the Three-Point Hitch lower links. (See THREE-POINT HITCH on Page 51.)
2	Three-Point Hitch Position Lever Stops	Rotate depth stop knobs counter-clockwise to loosen, set minimum / maximum desired depth position. Turn clockwise and tighten the knob to the selected position. (See THREE-POINT HITCH on Page 51.)
3	Rear Auxiliary Hydraulic Lever (Rear Remote)	Move lever forward to pressurize the *A* coupler. Move lever back to pressurize the *B* coupler.(See REAR AUXILIARY HYDRAULICS (IF EQUIPPED) on Page 48.)
4	Joystick Control Lever (If Equipped)	Joystick controls the lift and tilt functions of the loader. (See LOADER CONTROLS (IF EQUIPPED) on Page 46.)
5	Joystick Lock Lever	Locks the joystick control lever. (See LOADER CONTROLS (IF EQUIPPED) on Page 46.)

Left Console

Figure 11



REF	DESCRIPTION	FUNCTION / OPERATION
1	Speed Range Lever (L-N-H)	Press the brake pedals and fully press clutch pedal, then move the lever forward for Low (L) speed range, center position for Neutral (N), back for High (H) speed range. (See SPEED RANGE LEVER on Page 41.)
2	Rear-PTO Lever (540 RPM)	Press the brake pedals and fully press clutch pedal, then move the lever forward to engage the rear-PTO. Move lever back to disengage.(See POWER TAKE-OFF (PTO) on Page 53.)
3	Mid-PTO Lever (If Equipped) (2000 RPM)	Press the brake pedals and fully press clutch pedal, then move the lever forward to engage the mid-PTO. Move lever back to disengage. (See POWER TAKE-OFF (PTO) on Page 53.)

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Removing And Replacing Hydraulic / Hydrostatic / Transmission Filters

Replace the filters at the correct interval (See SERVICE SCHEDULE on Page 127.)

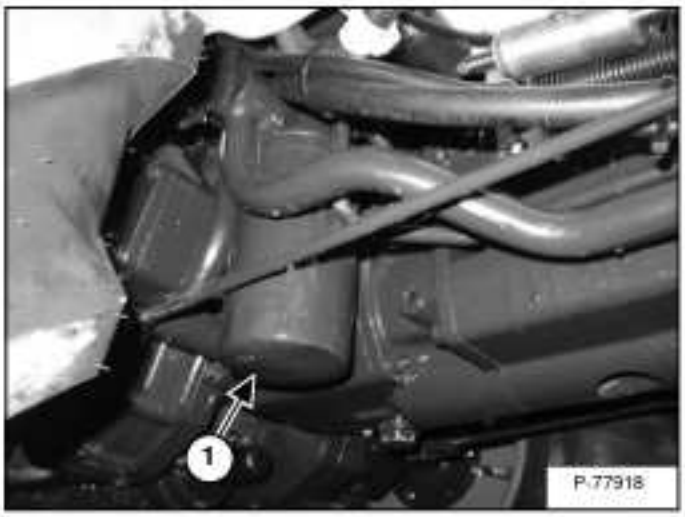
⚠ WARNING

AVOID INJURY OR DEATH

Diesel fuel or hydraulic fluid under pressure can penetrate skin or eyes, causing serious injury or death. Fluid leaks under pressure may not be visible. Use a piece of cardboard or wood to find leaks. Do not use your bare hand. Wear safety goggles. If fluid enters skin or eyes, get immediate medical attention from a physician familiar with this injury.

W-2072-0807

Figure 216



Remove the hydraulic filter (Item 1) **[Figure 216]** (near the right rear wheel).

Figure 217



Remove the hydraulic / hydrostatic / transmission filter (Item 1) **[Figure 217]** (below the operator's seat).

Clean the surface of the filter housings where the filter seal contacts the housing.

Put clean oil on the seal of the new filters. Install and hand tighten.

Start the engine and operate all the hydraulic controls. Stop the engine and check for leaks at the filters.

Check fluid level and add as needed.

⚠ WARNING

AVOID INJURY OR DEATH

Always clean up spilled fuel or oil. Keep heat, flames, sparks or lighted tobacco away from fuel and oil. Failure to use care around combustibles can cause explosion or fire.

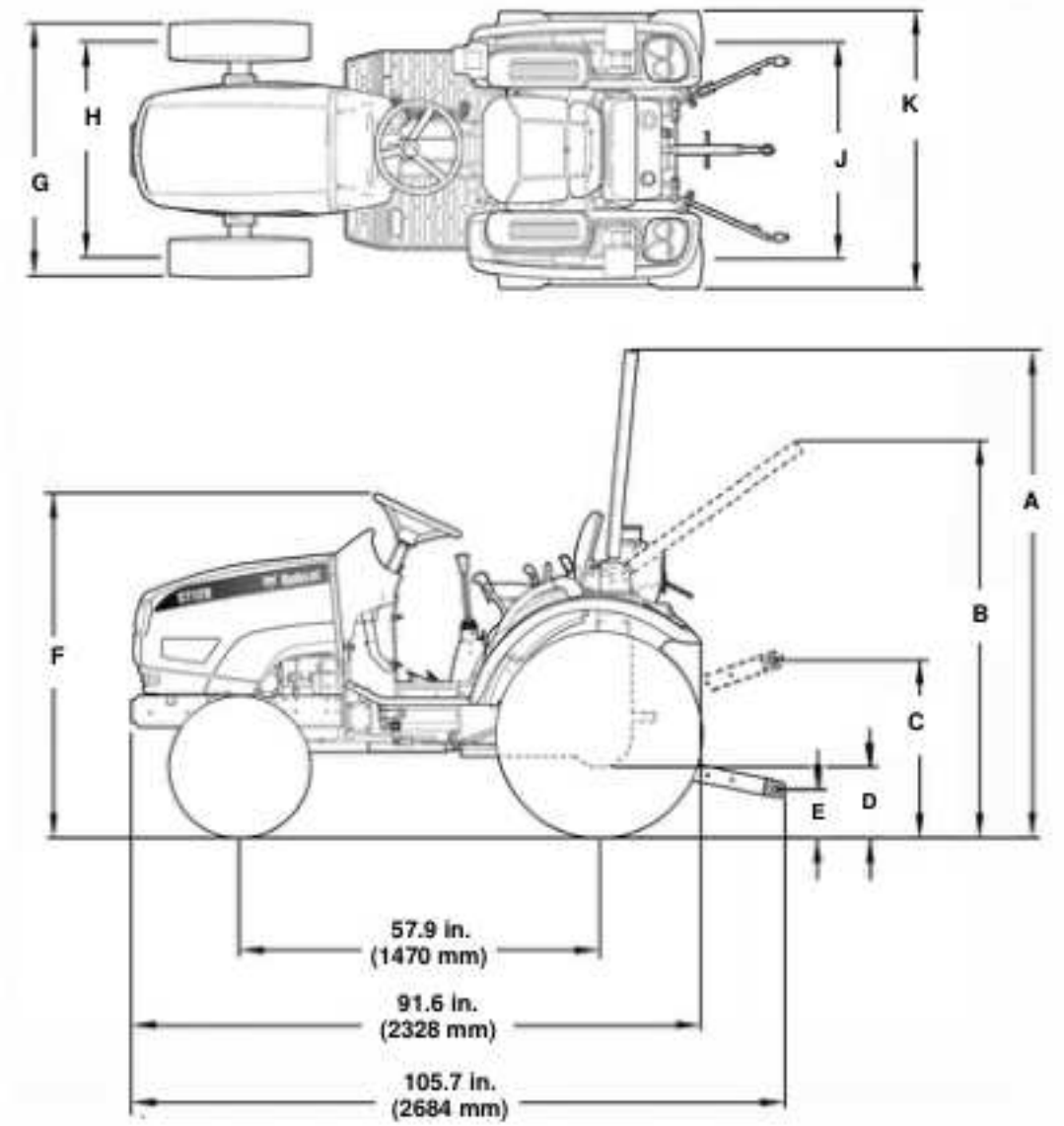
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CT120 SPECIFICATIONS

Machine Dimensions (Standard Machine)

- Dimensions are given for a compact tractor equipped with tires as shown below. All dimensions are shown in inches. Respective metric dimensions are given in millimeters enclosed by parentheses.
- Where applicable, specification conform to SAE, ANSI or ISO standards and are subject to change without notice.



	AG TIRES	GENERAL PURPOSE TIRES	TURF TIRES
A	82.7 (2101 mm)	82.7 (2101 mm)	82.3 (2089 mm)
B	71.4 (1812 mm)	71.4 (1812 mm)	70.9 (1801 mm)
C	29.7 (753 mm)	29.7 (753 mm)	29.2 (742 mm)
D	11.6 (294 mm)	11.6 (294 mm)	11.1 (282 mm)
D *	10.9 (277 mm)	10.9 (277 mm)	10.5 (265 mm)
E	7.3 (186 mm)	7.3 (186 mm)	6.9 (174 mm)
F	55.4 (1407 mm)	55.4 (1407 mm)	55.0 (1396 mm)
G	42.2 (1072 mm)	47.4 (1204 mm)	47.4 (1204 mm)
H	36.0 (914 mm)	39.0 (991 mm)	39.0 (991 mm)
J	36.8 (935 mm)	39.2 (995 mm)	39.2 (995 mm)
K	46.5 (1181 mm)	51.3 (1303 mm)	51.8 (1316 mm)
	* Equipped with optional mid PTO.		

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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

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 attachment / 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 attachment / 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 attachment / 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 attachment / 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 *Before Operation* Section of this manual.
- Wear tight fitting clothing. Always wear safety glasses when doing maintenance or service. Safety glasses, hearing protection, or respiratory equipment are required for some work. See your Bobcat dealer about Bobcat Safety equipment for your machine.

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