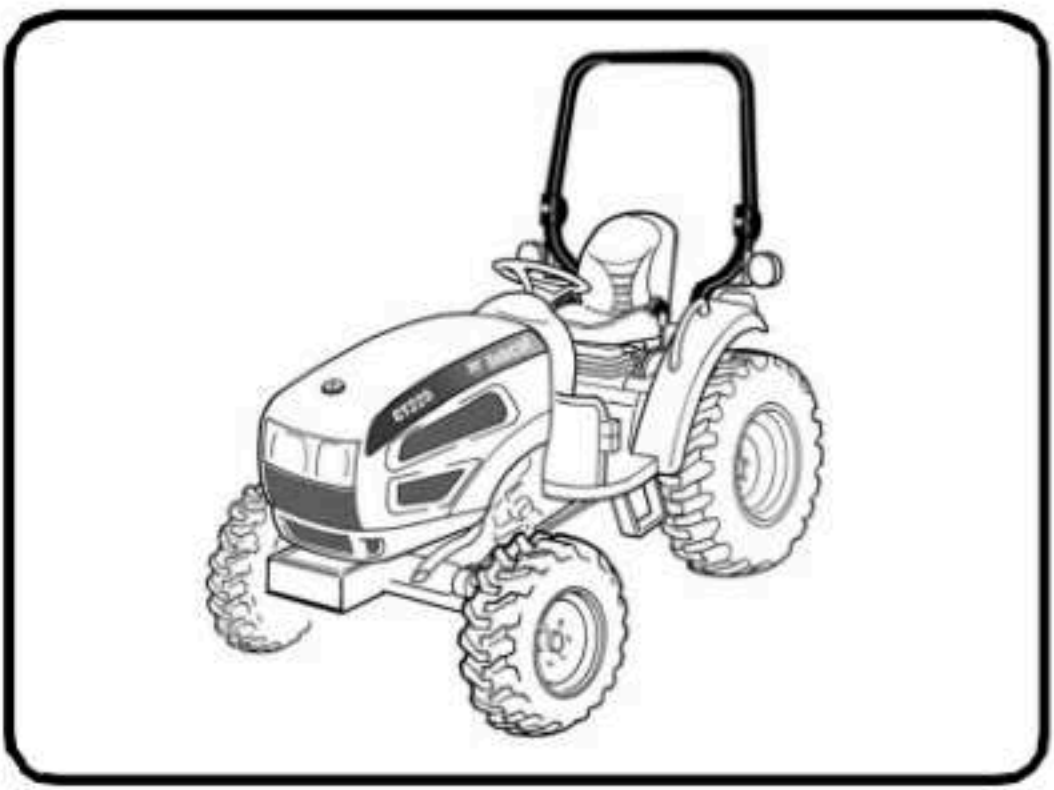
Bobcat®

Operation & Maintenance Manual
CT225 Compact Tractor

S/N A59B11001 & Above



6986525 (11-08) Revised (5-09) (2)

Printed in U.S.A.

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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.

REFERENCE INFORMATION

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

Compact Tractor Serial Number _____

Engine Serial Number _____

_____

_____

NOTES:

_____

_____

YOUR BOBCAT DEALER:

_____

ADDRESS:

_____

PHONE:

_____

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

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

BOBCAT COMPANY IS ISO 9001:2000 CERTIFIED V

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CLUTCH PEDAL

Operation

Always press the brake pedals before pressing the clutch pedal.

Before engaging the Speed Range Lever, PTO (rear or mid) or Front Wheel Assist, fully push down on the Clutch Pedal.

Pressing the clutch pedal before engaging these functions will reduce wear on the compact tractor.

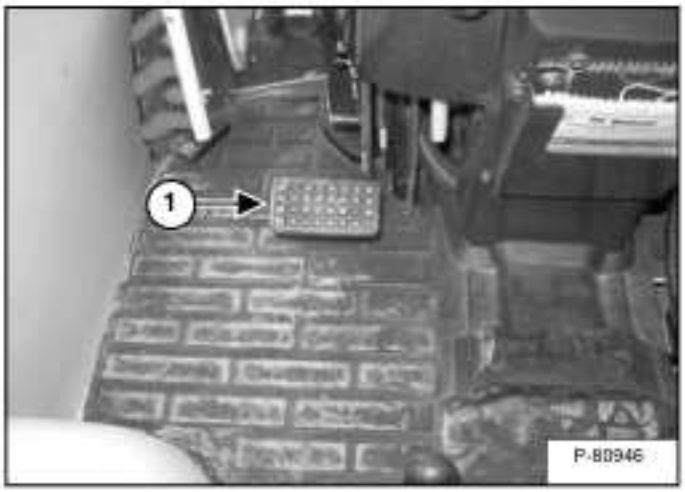
⚠ WARNING

AVOID INJURY

Do not release clutch pedal quickly. It can cause sudden and unexpected machine movement. Slowly remove foot from clutch pedal to engage the clutch. Reduce engine RPM before engaging or releasing clutch pedal.

W-2557-0907

Figure OI-14



The clutch pedal (Item 1) **[Figure OI-14]** is located at the left floor plate.

To disengage the clutch, quickly push and hold the clutch pedal (Item 1) **[Figure OI-14]** down. Continue to hold the clutch in the down position while engaging other functions.

After engaging the other functions, slowly release the clutch pedal (Item 1) **[Figure OI-14]**.

IMPORTANT

Do not rest foot on the clutch pedal. Premature clutch wear could result.

I-2264-0807

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SERVICE SCHEDULE

Chart

Maintenance work must be done at regular intervals. Failure to do so will result in excessive wear and early failures. The service schedule is a guide for correct maintenance of the Bobcat product.

⚠ WARNING

Instructions are necessary before operating or servicing machine. Read and understand the Operation & Maintenance Manual, Handbook and signs (decals) on machine. Follow warnings and instructions in the manuals when making repairs, adjustments or servicing. Check for correct function after adjustments, repairs or service. Untrained operators and failure to follow instructions can cause injury or death.

W-2003-0199

SERVICE SCHEDULE		HOURS						
ITEM	SERVICE REQUIRED	8-10	50	100	200	400	800	1000
Engine Oil	Check the oil level and add as needed. Do not overfill.							
Hydraulic (Trans / Diff) Fluid	Check level and add as needed.							
Engine Air Filter and Air System	Check condition indicator (if equipped). Check for leaks and damaged components. Do not use compressed air to clean elements.							
Engine Cooling System	Clean debris from oil cooler, radiator, screen and grills. Check coolant level cold, add premixed coolant as needed.							
Safety Interlock System (Neutral Start and Operating)	Check for proper function.							
Seat Belt	Check the condition of seat belt and mounting hardware. Repair or replace as needed.							
Tires	Check for wear, damaged tires and ensure for proper sized tires and correct air pressure.							
Parking Brake	Check operation and have dealer adjust if required.							
Clean Pedals	Clean brake pedals, travel control pedal, clutch pedal and footrest area.							
General Items	Check for loose or broken parts, damaged operator cab, instrument operation, loose wheel nuts / bolts, oil leaks and damaged or missing signs (decals). Replace floormat if damaged or missing.							
PTO	Inspect the splines. Replaced damaged or missing shields and guards.							
Three-Point Linkage	Check operation and condition of pins, links and sway bars.							
Loader (If Equipped)	Check mounting hardware for loose or broken parts.							
Wheel Nuts and / or Bolts	Check for loose wheel nuts / bolts and tighten to correct torque. See TIRE MAINTEANCE in this Manual.	*						
Front Differential	Check fluid level and add as needed.							
Grease Fittings	Grease all machinery pivot points with multipurpose lithium based grease.							
Engine Oil and Filter	Replace oil and filter. Use CF / CG4 or better grade oil and Bobcat filter.		■					
Spark Arrestor Muffler	Empty Spark Chamber (if equipped).							
Battery	Check for damage, hold downs, cables, connections and electrolyte level. Add distilled water as needed.							
Fan / Alternator Belt	Check for damage and correct tension. Adjust or replace as needed.		■					
Engine Air Filter	Check primary filter element and clean as needed. Replace every year.							
Clutch	Check pedal free travel and adjust as necessary (If Equipped)		■					
Brakes	Check free travel of pedals and adjust as necessary		■					
Fuel Filter	Replace filter element.							
Hydraulic Oil Filter	Replace the filter element.		■					
Hydrostatic Oil Filter	Replace the filter element.		■					
Hydraulic, Hydrostatic and Power Steering Hoses and Tubelines	Check for damage and leaks. Repair or replace as needed.							
Radiator Hoses and Clamps	Check hose condition and clamp tension. Replace and/or adjust tension as needed.							
Toe In	Check front axle toe in. Adjust if necessary.							
Hydraulic (Trans / Diff) Fluid	Replace the fluid and filter.		■					
Differential Oil	Replace the differential oil.		■					
Engine Valves	Check and adjust							
Engine Coolant	Flush the cooling system. Replace the coolant. (or every 2 years)							

* **Check every 8 hours for the first 24 hours.**

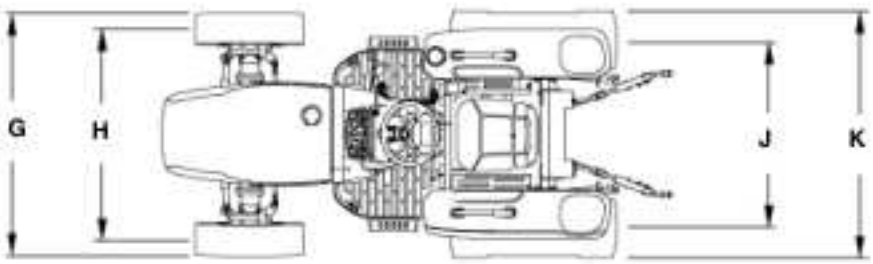
■ **Service at first 50 hours and thereafter as scheduled.**

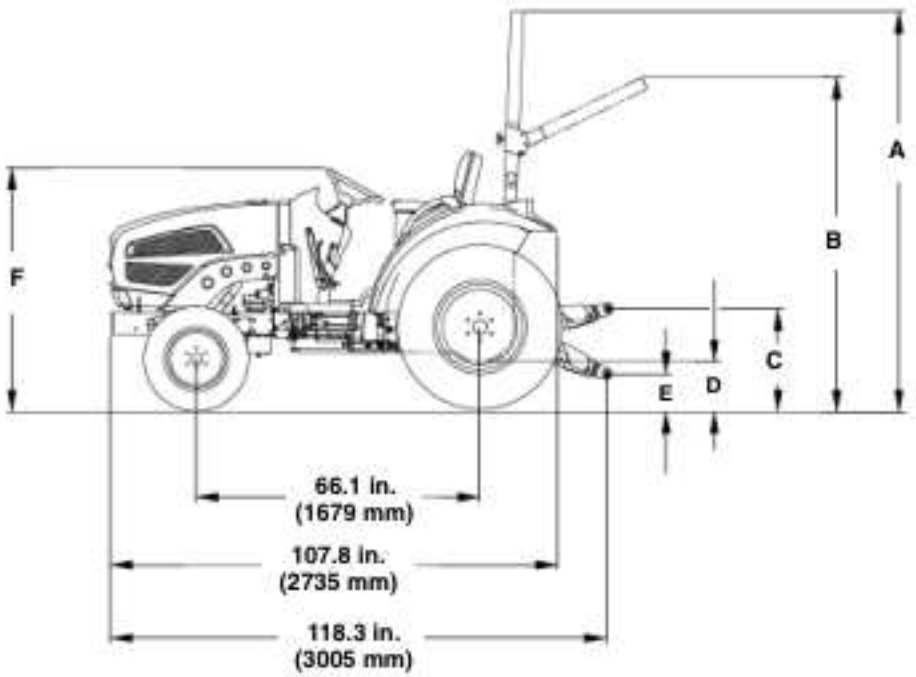
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CT225 SPECIFICATIONS

Dimensions (Standard Machine)

- Dimensions are given for a compact tractor equipped with standard tires. 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.





MS-2574S

	AG TIRES	GENERAL PURPOSE TIRES	TURF TIRES
A	97.0 (2464 mm)	95.3 (2420 mm)	96.4 (2449 mm)
B	66.5 (1690 mm)	64.8 (1645 mm)	65.9 (1674 mm)
C	33.8 (859 mm)	32.1 (814 mm)	33.2 (843 mm)
D	11.0 (280 mm)	9.3 (236 mm)	10.4 (265 mm)
D *	11.0 (280 mm)	9.3 (236 mm)	10.4 (265 mm)
E	8.2 (209 mm)	6.5 (164 mm)	7.6 (193 mm)
F	58.7 (1491 mm)	57.0 (1447 mm)	58.1 (1476 mm)
G	51.7 (1312 mm)	53.6 (1362 mm)	54.5 (1385 mm)
H	43.9 (1115 mm)	45.5 (1156 mm)	44.7 (1135 mm)
J	44.1 (1121 mm)	47.3 (1202 mm)	46.3 (1175 mm)
J +	48.4 (1228 mm)	N/A	N/A
K	55.9 (1421 mm)	62.6 (1591 mm)	60.9 (1546 mm)
K +	60.2 (1528 mm)	N/A	N/A

* Equipped with optional mid PTO. + Adjustable AG Rims set to maximum width.

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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.

SI CT-1008

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