



Bobcat®

AU

Service Manual



CT1025

Compact Tractor

(CT1025 HST) S/N B4Z911001 & Above



FORWARD

This manual is for the Bobcat® compact tractor mechanic. It provides necessary servicing and adjustment procedures for the Bobcat compact tractor and its component parts and systems. Refer to the Operation & Maintenance Manual for operating instructions, starting procedure, daily checks, etc.

A general inspection of the following items must be made after the compact tractor has had service or repair:

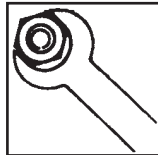
Check that the ROPS is in good condition and is not modified.



Enclosure door latches must open and close freely.



Check that ROPS mounting hardware is tightened and is Bobcat approved.



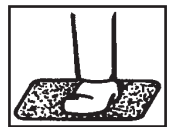
Attachment locking pins must function correctly and be in good condition. Bob-Tach® wedges and linkages (if equipped) must function correctly and be in good condition.



The seat belt must be correctly installed, functional and in good condition.



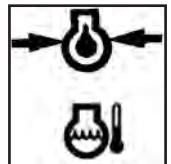
Safety treads must be in good condition.



Machine signs (decals) must be legible and in the correct location.



Check for correct function of indicator lamps.



Travel control pedal(s) and loader joystick control lever must return to neutral.



Check for correct function of the work lights.



Check hydraulic fluid level, engine oil level and fuel supply.



The parking brake must function correctly.



Inspect for fuel, oil or hydraulic fluid leaks.



FORWARD

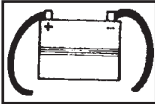
Lubricate the compact tractor.



Check Safety Interlock System (Neutral Start and Operating) for correct function before the machine is returned to the customer.



Check the condition of the battery and cables.



Check function or condition of all equipped options and accessories (examples: back-up alarm, front-end loader, etc.).



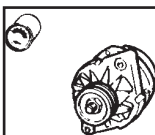
Inspect the air cleaner for damage or leaks. Check the condition of the element.



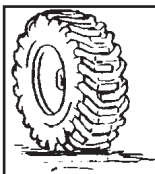
Recommend to the owner that all necessary corrections be made before the machine is returned to service.



Check the electrical charging system.



Check tires for wear and pressure. Use only approved tires.



California Proposition 65 Warning

Diesel engine exhaust and some of its constitution are know to the state of California to cause cancer, birth defects and other reporductive harm.

Inspect for loose or broken parts or connections.



Check for any field modification not completed.



Operate the machine and check all functions.



TABLE OF CONTENTS

CHAPTER 1SAFETY FIRST

CHAPTER 2GENERAL

CHAPTER 3ENGINE

CHAPTER 4TRANSMISSION

CHAPTER 5HST

CHAPTER 6REAR AXLE

CHAPTER 7BRAKE

CHAPTER 8FRONT AXLE

CHAPTER 9STEERING SYSTEM

CHAPTER 10HYDRAULIC SYSTEM

CHAPTER 11ELECTRIC SYSTEM

CHAPTER 12INDEX

It's a preview. You can download the full file by clicking the link below.

<https://shop servicemanual.com/>

Service Manuals from 2\$