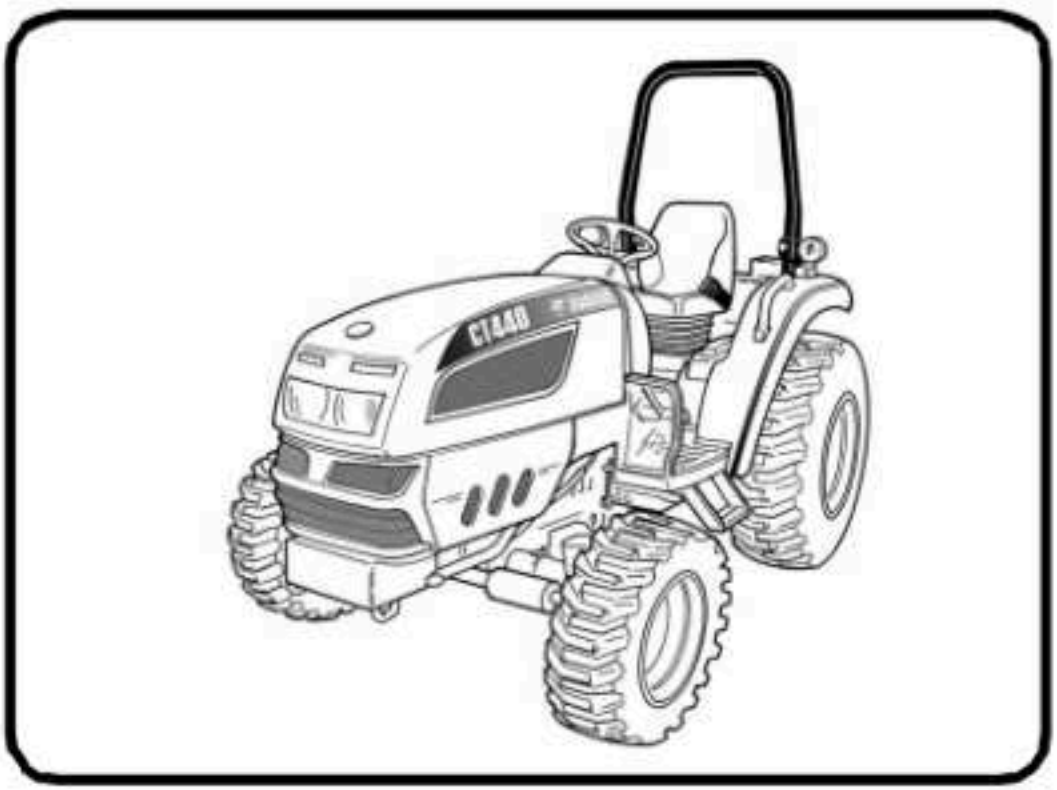
Bobcat®

Operation & Maintenance Manual
CT440 Compact Tractor

S/N ABHE11001 & Above



6987073 (5-09) Revised (3-10) (3)

Printed in U.S.A.

© Bobcat Company 2010

MidWestTech | Bobcat CT440 Compact Tractor Operation & Maintenance Manual | Publica... Order the manual at mid-west-tech.com >

CONTENTS

FOREWORD 5

SAFETY & TRAINING RESOURCES 15

OPERATING INSTRUCTIONS 27

LOADER SYSTEM 121

PREVENTIVE MAINTENANCE 141

MACHINE SIGN TRANSLATIONS 203

SPECIFICATIONS 229

WARRANTY 241

ALPHABETICAL INDEX 245

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

Doosan Benelux SA
Drève Richelle 167
B-1410 Waterloo
BELGIUM

MidWestTech | Bobcat CT440 Compact Tractor Operation & Maintenance Manual | Publica... Order the manual at mid-west-tech.com >

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

REGULAR MAINTENANCE ITEMS 7

SERIAL NUMBER LOCATIONS 8
- Compact Tractor Serial Number 8
- Engine Serial Number 8
- Loader Serial Number (Optional) 9

DELIVERY REPORT 9

COMPACT TRACTOR IDENTIFICATION 10

COMPACT TRACTOR IDENTIFICATION (WITH OPTIONAL LOADER AND REAR BALLAST) 11

COMPACT TRACTOR IDENTIFICATION (WITH OPTIONAL THREE-POINT IMPLEMENT AND FRONT BALLAST) 12

COMPACT TRACTOR IDENTIFICATION (WITH OPTIONAL CAB) 13

FEATURES, ACCESSORIES AND ATTACHMENTS 14
- Standard Items 14
- Options And Accessories 14
- Loader (Optional) 14
- Implements - Three-Point Hitch 14

MidWestTech | Bobcat CT440 Compact Tractor Operation & Maintenance Manual | Publica... Order the manual at mid-west-tech.com >

TRAVEL CONTROL PEDALS

Operation

The travel control pedals must be in neutral before shifting the speed range lever.

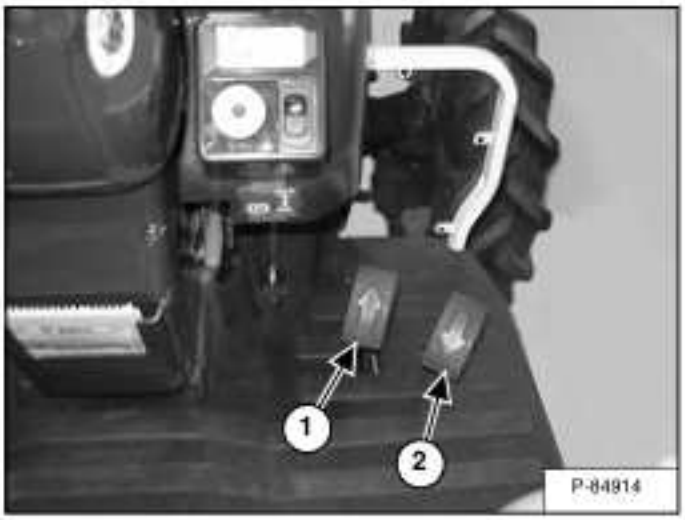
⚠ WARNING

AVOID INJURY OR DEATH

When on flat level ground, the compact tractor must not move with the travel control pedal(s) in the neutral position and the speed range lever in gear. If any movement is detected, discontinue operation and contact your Bobcat dealer for service.

W-2591-0907

Figure 32



The travel control pedals are used to control the forward and backward movement of the compact tractor. The farther a pedal is pressed, the faster the travel speed.

Press the travel control pedal smoothly. Avoid sudden starting and stopping. Look in the direction of travel.

Press the forward travel pedal (Item 1) **[Figure 32]** for forward travel.

Press the backward travel pedal (Item 2) **[Figure 32]** for backward travel.

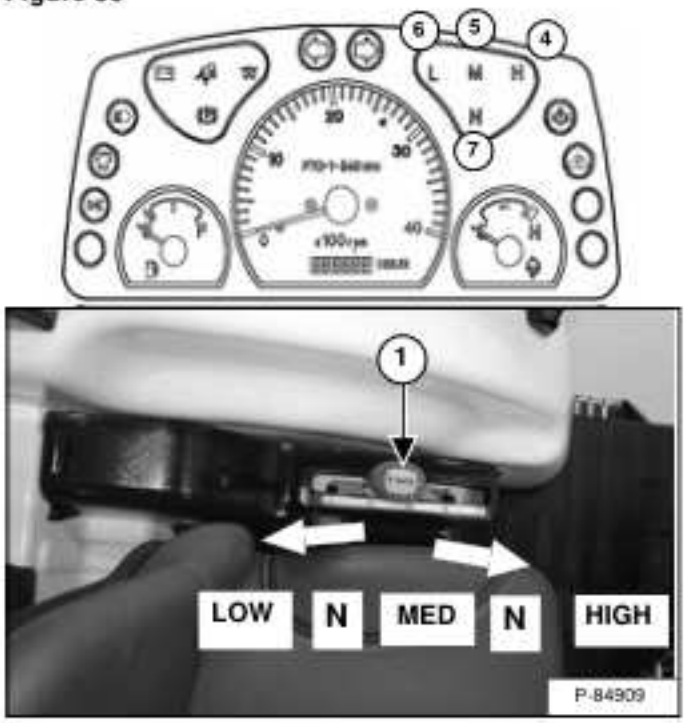
Remove foot from the travel control pedal (Item 1 or 2) and the pedal will return to neutral and slow the compact tractor to a stop. (Use the brake pedals to assist in slowing the compact tractor.)

SPEED RANGE LEVER

Operation

The speed range lever must be in neutral before the engine can be started.

Figure 33



Move the speed range lever (Item 1) **[Figure 33]** forward for High (H) speed range, back for Neutral (N), back for medium (M), back for neutral (N) or rearward for Low (L) speed range.

The Icons (Item 4, 5, 6 and 7) **[Figure 33]** will illuminate per the selected speed range.

NOTE: The compact tractor must be completely stopped and the brake pedals pressed before moving the speed range lever.

If it is difficult to move the speed range lever (Item 1) **[Figure 33]**, do the following:

1. Slightly depress the travel control pedal front (Item 1) **[Figure 32]** or rear (Item 2) **[Figure 32]**) to rotate the transmission gears slightly. Remove foot from the travel control pedal.

2. Press the brake pedals. Move the speed range lever to the selected position (L - N - M - N - H).

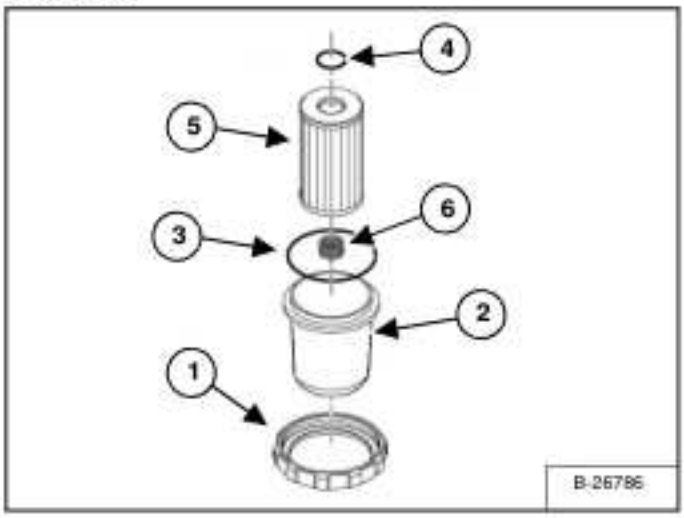
NOTE: If Speed Range Lever will not operate correctly, the Speed Range Lever may need to be calibrated. See your Bobcat dealer for service.

MidWestTech | Bobcat CT440 Compact Tractor Operation & Maintenance Manual | Publica... Order the manual at mid-west-tech.com >

Fuel Filter

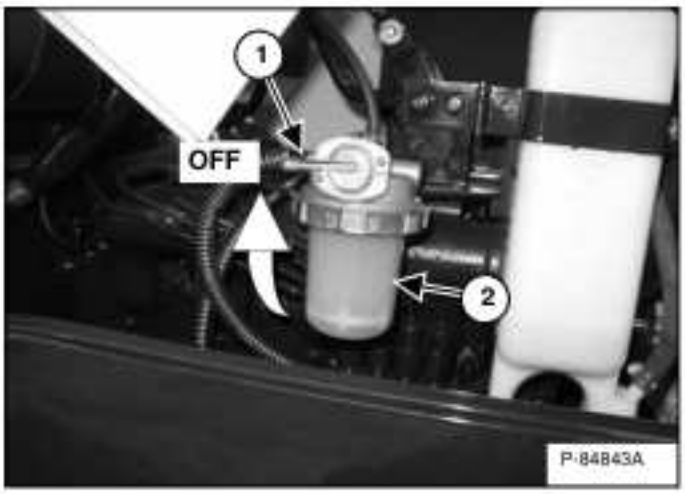
Remove water from or replace the fuel filter at the correct interval. (See SERVICE SCHEDULE on Page 147.)

Figure 237



The fuel filter assembly consists of the following: Locking Collar (Item 1), Bowl (Item 2), O-ring (Item 3), O-ring (Item 4), Filter (Item 5), and Spring (Item 6) **[Figure 237]**.

Figure 238



Removing Water:

The fuel filter is located under the engine cover on the right side of the engine **[Figure 238]**.

Clean the area around the filter housing.

Move the fuel shut off lever 90° to the OFF position (Item 1) **[Figure 238]**.

Place a drain pan under the fuel filter.

Remove the locking collar (Item 2) **[Figure 238]** at the filter element and remove the fuel bowl and filter.

Remove the filter and drain the fuel, water and any sediment into the drain pan. Dispose of the used fuel in an environmentally safe manner.

Reinstall the filter and bowl. Turn the lever to the ON position **[Figure 239]**.

Replacing Filter:

Clean the area around the filter housing.

Move the fuel shut off lever to the OFF position (Item 1) **[Figure 238]**.

Place a drain pan under the fuel filter.

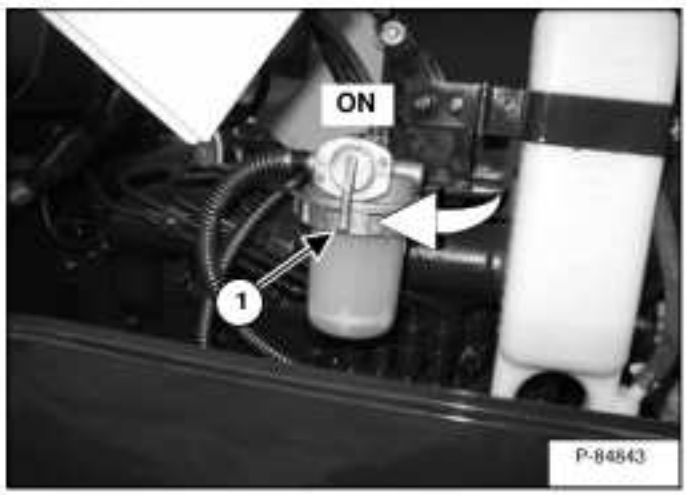
Remove the locking collar (Item 2) **[Figure 238]** at the filter element and remove the fuel bowl and filter.

Remove the filter and drain the fuel, water and any sediment into the drain pan. Dispose of the used fuel and filter in an environmentally safe manner.

Put clean oil on the O-rings.

Install the new fuel filter, bowl and locking collar.

Figure 239



Return the shutoff lever to the ON position (Item 1) **[Figure 239]**.

Remove air from the fuel system. (See Removing Air From The Fuel System on Page 170.)

MidWestTech | Bobcat CT440 Compact Tractor Operation & Maintenance Manual | Publica... Order the manual at mid-west-tech.com >

Three-Point Hitch Specifications

Examples of the lift capacity of the three-point hitch with front ballast are listed in the chart below.

The following items will **reduce** the Three-Point Hitch lift capacity:

- Implements are used which move the load center rearward.
- If the weight of the front ballast is reduced.

Towing Weight

The maximum tow weight including the weight of the trailer is listed in chart below.

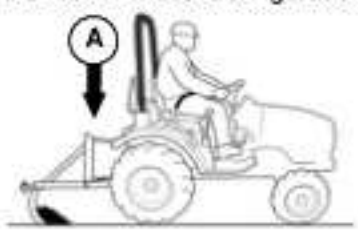
Maximum Drawbar Tongue Weight

The maximum vertical load that can be applied to the drawbar hitch is listed in chart below.

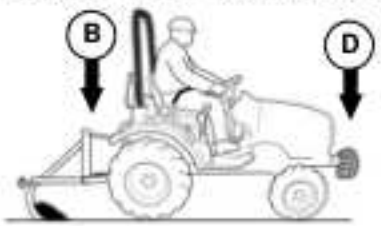
Ballast (Front)

The front mounted loader with attachment can be used as a front ballast. A front ballast kit can be installed on the front of the compact tractor (see chart below).

Three-Point Hitch Lift Capacity with NO Front Ballast - Configuration 1



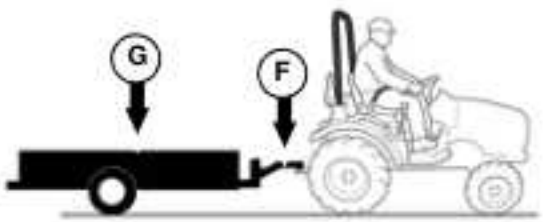
Three-Point Hitch Lift Capacity with Front Ballast Kit - Configuration 2



Three-Point Hitch Lift Capacity with Loader as Front Ballast - Configuration 3



Towing



B-23617

A	Three-Point Hitch Lift Capacity (with NO front ballast)	Measured at 24 in. (610 mm) behind the lift points	1012 lb. (459 kg)
B	Three-Point Hitch Lift Capacity (with Front Ballast Kit **D** installed)	Measured at 24 in. (610 mm) behind the lift points	1430 lb. (648 kg)
C	Three-Point Hitch Lift Capacity (With Front Ballast Weight **E** installed - 9TL loader and bucket)	Measured at 24 in. (610 mm) behind the lift points	1870 lb. (848 kg)
D	Front Ballast Kit Weight		300 lb. (136 kg)
E	Front Ballast Weight	9TL loader and bucket installed	
F	Maximum Drawbar Tongue Weight		1433 lb. (650 kg)
G	Tow Weight (Including weight of trailer)		7716 lb. (3500 kg)

MidWestTech | Bobcat CT440 Compact Tractor Operation & Maintenance Manual | Publica... Order the manual at mid-west-tech.com >

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

MidWestTech | Bobcat CT440 Compact Tractor Operation & Maintenance Manual | Publica... Order the manual at mid-west-tech.com >