Vibratory Plate Compactors

Models BC15, BC19 & BC22

Bobcat®

Operation/ Maintenance And Parts Manual



An IR Ingersoll Rand business

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BC15/BC19/BC22 MODEL PLATE COMPACTORS
OPERATION AND MAINTENANCE MANUAL
COMMUNICATION NO. 6903278

This manual should be used with all related supplemental books, engine and transmission manuals, and part books. Related Service Bulletins should be reviewed to provide information regarding some of the recent changes.

If any questions arise concerning this publication or others, contact your local distributor for the latest available information.

Contents of this manual are based on information in effect at the time of publication and are subject to change without notice.

CONTENTS SECTION

SAFETY PRECAUTIONS AND GUIDELINES	1
INTRODUCTION	2
SYMBOL IDENTIFICATION AND METRIC CONVERSION	3
OPERATING INSTRUCTIONS	4
FUEL AND LUBRICATION SPECIFICATIONS	5
INITIAL BREAK-IN MAINTENANCE	6
TROUBLE SHOOTING AND GENERAL MAINTENANCE	7
10 HOUR OR DAILY ROUTINE MAINTENANCE	8
50 HOURS OR WEEKLY ROUTINE MAINTENANCE	9
100 HOURS OR MONTHLY MAINTENANCE	10
250 HOURS OR QUARTERLY ROUTINE MAINTENANCE	11
500 HOURS OR SEMI-ANNUAL ROUTINE MAINTENANCE	12
1000 HOURS OR ANNUAL ROUTINE MAINTENANCE	13
ROUTINE ADJUSTMENTS	14
MISCELLANEOUS AND OPTIONAL EQUIPMENT	15
SCHEMATICS	16
SPECIFICATIONS	17
PARTS MANUAL	18
WARRANTY REGISTRATION	19

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SECTION 9 - 50 HOUR OR WEEKLY ROUTINE MAINTENANCE

Contents

	Page
ENGINE OIL	1
CHANGE ENGINE OIL	2

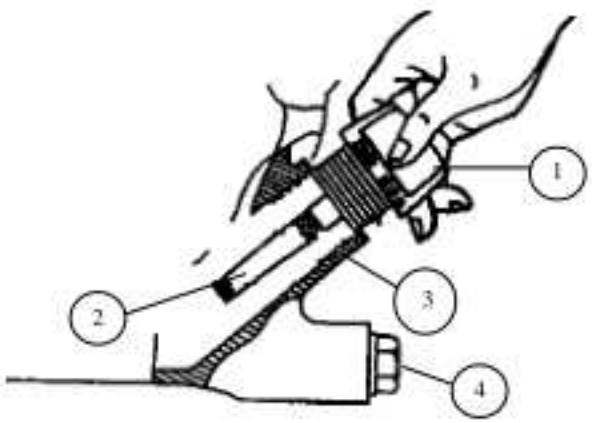
CHECK ENGINE OIL

⚠CAUTION

Running the engine with insufficient oil can cause serious engine damage.
Be sure machine is on a firm level surface and stopped.

1. Place the machine on a stable level surface and stop the engine
2. Remove oil filler cap/dipstick (1, Figure 9-1) and wipe off the dipstick (2)

Figure 9-1



3. Place the dipsick back into the engine but do not screw it in. Remove the dipstick and check the oil level.
4. If the level is low, fill to the top of the oil filler neck (3, Figure 9-1) with the recommended oil.
5. Place the oil filler cap/dipstick into the engine and screw it into place. Wipe up any excess oil.

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TABLE OF CONTENTS
BC15/BC19/BC22

TITLE	PAGE
Table of Contents	A
Abbreviations Used In This Manual	B
Recommended Service Parts	D

VIBRATION PLATE AND WATER TANK

A

Vibration Plate, Guard Frame And Water Tank Installation	A.1.2

ENGINE AND VIBRATION UNITROLLOVER CAGE

B

Engine, Handle And Clutch Installation	B.1.2
Vibration Unit Assembly	B.2.2

For Internal Breakdowns - See Section I.

CARRYING CART, TOOLS AND DECALS

C

Carrying Cart Assembly And Tool Kit	C.1.2
Decal Installation	C.2.2

INTERNAL BREAKDOWNS

I

Honda Engine - BC15 (IR58836438)	I.1.2
Honda Engine - BC19 and BC22 (IR58836446)	I.2.2

WORD INDEX

W

Word Index	W.1.2

NUMERIC INDEX

X

Numeric Index	X.1.2

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Figure 8-1



2. Remove wing nut (3, Figure 8-1) and the element assembly.

3. Separate foam element (5, Figure 8-1) from paper element (4). Check both elements for holes or tears and replace if necessary.

4. To clean the foam element wash in a solution of household detergent and warm water, then rinse thoroughly or wash in a nonflammable solvent. Allow to dry thoroughly. Soak the element in clean engine oil and squeeze out excess oil. To much oil will cause engine to smoke on initial start-up.

6. To clean the paper element, tap lightly on a hard surface to remove dirt or blow out with compressed air from the inside out. Do not use a brush to remove dirt. This can push dirt into the fibers. Replace the filter if it is excessively dirty.

7. Wipe out the inside of the cover with a damp cloth.

8. Reassemble the air cleaner.

FASTENING HARDWARE

Check all fastening hardware to ensure it is all adequately tightened and that none is missing or broken.

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HOW TO USE THIS MANUAL

This Parts Manual applies to all BC15/BC19/BC22 Vibratory Compactors

When the Comm. # is not Known - Use the Word Index:

- Bobcat's Word Index will make this item easy to locate. The Word Index is found in the very back of the book. The items listed are in alphabetical order and may be repeated several times depending on their functional descriptions.
- Let's assume you need to replace the **AIR CLEANER FILTER.**

Use any of the functional words in the item description to locate the desired item. Example: The first listing for the **Air Cleaner Filter** in the **Word Index** is: Air Cleaner Filter. The index shows the component will be found on pages **I.1.27 & I.2.27**, which are the **Parts List** page numbers for the two different Engine Assemblies.

A

Air Cleaner Filter ____ I.1.27, I.2.27
Air Cleaner ____ I.1.27, I.2.27
Alert Unit, Oil ____ I.2.19
Arm, Governor ____ I.2.23

B

Bag, Tool ____ C.1.3
Bearing Cover, Main ____ I.1.9

- The item is also listed as:

Filter, Air Cleaner

Using the Parts Identification Pages:

- The **PARTS IDENTIFICATION PAGES** consist of the **PARTS ILLUSTRATION** (even numbered pages) and the **PARTS LIST** (odd numbered pages).
- The **Parts Illustration** shows the assembly with its component parts identified by **Item Numbers**.
- On the **Parts List**, the components are listed in **Item Number** order as found in the **ITEM** column. Other information provided by the **Parts List** is the **Comm. Number** which will be required to order Genuine Bobcat Replacement Parts, a **functional description**, the **quantity** required to assemble one complete assembly, and any additional **notes**/ **dimensions** required to help place your parts order.
- **For the example: The** Air Cleaner Filter shown on Page I.1.27 is listed as Item 3, and the Comm. Number for the Element is IR13221320, **Quantity of 1.**

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