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MANUAL PREVIEW

White

Service Manual

White Oliver Backhoe

White: 2-62-15, 2-78-15 & 4-78-15

Oliver: 1550, 1600, 1650 & 1615

Service Manual

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MANUAL PREVIEW

INTRODUCTION

This manual contains an illustrated parts catalog and instructions for operation, service and installation of unit. Read this material carefully and follow instructions. Table Of Contents and Alphabetical Index follow this page. Page numbers are located on lower outside corner of each page.

Order all parts through your dealer or branch. Parts catalog covers all serviceable parts and is broken down into groups for each section of unit. Where sub-assemblies are listed within a group, component parts of sub-assembly are listed immediately following that group. Part numbers (other than hardware) which have letter "S" as part of suffix indicate an assembly of parts. Numerical part number index is included in parts catalog.

Parts shown in exploded views of assemblies are reference numbered and correspond to numbers in Ref. No. (Reference Number) column of parts catalog following each illustration. Where more than one identical part appears in an exploded view, usually only one will be reference numbered. Hardware parts are not illustrated and are listed following part with which they are used. **DO NOT ORDER PARTS BY REFERENCE NUMBERS.** Each part is described by its function in assembly or unit in which it is listed. Basic part name is in capital letters followed by its description. Total number of parts required per unit or assembly is shown opposite each part number. Last column lists serial numbers of units on which part has been used. (Visual examination will help determine exact part used as some serial numbers are approximate.)

If part number cannot be found in catalog, give clear description of part and its location and function. Specify whether part is right or left-hand when similar appearing parts are used on both sides of backhoe. **RIGHT AND LEFT -HAND SIDES ARE AS VIEWED FROM OPERATOR'S SEAT FACING BACKHOE BUCKET.**

When ordering parts, always read references and notes following description of any part or assembly. Always give backhoe and loader model and serial numbers. Serial numbers begin with 10 001 and are assigned consecutively as units are manufactured. (Serial numbers of early units have a prefix letter, however later units do not.) This revised manual replaces manual No. 432 510.

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BACKHOE

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TABLE OF CONTENTS

MANUAL PREVIEW

Section I.....	Operation
Section II.....	Service
Section III.....	Specifications
Section IV.....	Installation
Section V.....	Parts Catalog

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ALPHABETICAL INDEX

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SECTION I - OPERATION

Anchoring Backhoe	1-4
Basic Digging Operation	1-2
Buckets	1-5
Control Operation	1-1
Crane Kit	1-5
Lockout Valve Operation	1-2
Operating Pointers	1-3
Optional Equipment	1-5
Pre-Operational Check	1-1
Quick Disconnect Couplings	1-5
Removing Backhoe	1-4
Stabilizer Accessories	1-5
Transporting Backhoe	1-4

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BACKHOE

ALPHABETICAL INDEX (Continued)

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SECTION II - SERVICE

Boom Cylinder	2-14
Assembly	2-14
Disassembly	2-14
Bucket Cylinder	2-14
Assembly	2-14
Disassembly	2-14
Bucket Cylinder Oil Tube Guard	2-15
Crane Lockout Valve	2-24
Crowd Cylinder	2-14
Assembly	2-14
Disassembly	2-14
Design Changes And Improvements	2-24
Lubrication	2-1
Main Control Valve	2-5
Operation	2-6
Overhaul	2-7
Anti-Cavitation Check Valves	2-12
Circuit Relief Valves	2-10
Control Valve Sections	2-8
Load Check Valves	2-10
Main Relief Valve	2-10
Orifice Plates	2-12
Valve Spools	2-8
Removal and Installation	2-7
Tests And Adjustments	2-12
Anti-Cavitation Check Valves	2-13
Circuit Relief Valves - Main Control Valve	2-12
Circuit Relief Valves - Swing Cylinder	2-23
Defective Valve Section Components	2-13
Load Check Valves	2-13
Swing Cylinder	2-23
Valve Spool Oil Bypass	2-13
Serial Number	2-1
Stabilizer Cylinder	2-14
Assembly	2-14
Disassembly	2-14
Swing Cylinder	2-16
Assembly	2-22
Disassembly	2-19
Operation	2-18
Relief Valves	2-23
Removal And Installation	2-18
Trouble Shooting	2-3

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ALPHABETICAL INDEX (Continued)

SECTION III - SPECIFICATIONS

Bucket Options	3-1
General	3-1
Hydraulics	3-2
Torque Values	3-2

SECTION IV - INSTALLATION

Attaching Kit	4-1
Backhoe	4-4
Crane Kit	4-6

SECTION V - PARTS CATALOG

Attaching Kit	5-30
Bucket Cylinder	5-22
Buckets	5-28
Boom	5-7
Boom Cylinder	5-22
Control Valve - Left End Section	5-15
Control Valve - Center Sections	5-17
Control Valve - Right End Section	5-20
Crane Kit	5-37
Crowd Cylinder	5-22
Decals	5-40
Dipper Stick	5-7
Floor	5-30
Hydraulic Controls	5-1
Lockout Valve	5-38
Main Control Valve	5-13
Main Frame	5-7
Numerical Index	5-41
Quick Disconnect Coupling	5-33
Seat Swivel	5-30
Serial Number Plate	5-40
Stabilizer Cylinder	5-22
Swing Cylinder	5-25
Throttle Control Lever And Cable	5-36
Throttle Control Lever And Attaching Brackets	5-34

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SECTION IV

INSTALLATION

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ATTACHING KIT

Refer to Parts Catalog Section for parts and hardware descriptions. Parts illustrations will aid in installation.

1. Remove wheel guard-to-support cap screws, nuts and washers and mount wheel guards on supports in their lowest position if this has not already been done.

Relocate tool box. Early model was fastened to left axle carrier using mounting angle. On late model backhoe, install tool box near front of right wheel guard. Use tool box mounting holes as template to space wheel guard holes correctly. Place spacers between wheel guard and tool box so that tool box cover will open. Mounting angle is not used.

2. Remove seat, suspension and mounting bracket from rear frame cover. Remove seat and suspension from mounting bracket. Discard mounting bracket and keep seat and suspension.

3. Fasten two backhoe struts to loader frame with backhoe pins. Secure pins in place with retainer pins (Fig. 4-1).

4. Hoist backhoe frame in position on rear of tractor and align holes in backhoe frame with those in loader frames and backhoe struts. Insert backhoe pins in these holes and secure in place with retainer pins (Fig. 4-1). On some models, pins were secured with cotter pins.



Fig. 4-1 Backhoe Attached to Loader (Early Model)

5. Remove large pipe plug from filter base. On early model backhoe, 3/4 x 88 inch hose was connected between filter base port and backhoe valve (Fig. 4-1). Suitable pipe fittings were used at filter base port and hose was clamped at rear of main frame.

If quick disconnect couplings were used, quick disconnect coupler was installed in filter base and quick disconnect nipple on hose (Fig. 4-2). Coupler and nipple were connected after attaching opposite end of hose to backhoe control valve.

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