

1650 BACKHOE



OPERATORS MANUAL

1650
BACKHOE

OMA43093 C1 English

PLOW & PLANTER WORKS
OMA43093 C1

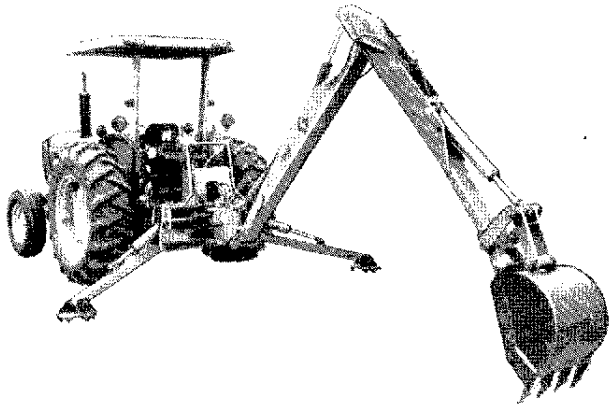
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ENGLISH



INTRODUCTION



This safety alert symbol identifies important safety messages in this manual. When you see this symbol, be alert to the possibility of personal injury and carefully read the message that follows.



"Right-hand" and "left-hand" sides are determined by facing the direction in which the backhoe operates. Front is at the bucket and rear is at the backhoe control levers.

Record your backhoe serial number in the space provided on page 67.

Your warranty appears on your copy of the purchase order which you should have received from your dealer.

Measurements are shown with their respective Metric equivalents throughout this operator's manual. These equivalents are the SI (International System) Units of Measure.

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1650 BACKHOE

TO THE DEALER

After the backhoe has been assembled and lubricated, inspect it thoroughly to be sure it is functioning properly before delivering it to the customer. The following check list is a reminder of points to check. Check off each item as it is found satisfactory or after proper adjustment has been made.

The John Deere Delivery Receipt, when properly filled out and signed by the dealer and customer, verifies that the predelivery and delivery services were satisfactorily performed. When delivering this machine, give the customer a copy of the delivery receipt and the operator's manual. Explain their purpose.

Be certain to retain your copy of the packing list for shipping bundle information.

PREDELIVERY CHECK LIST

The following check list is a reminder of points to inspect. Check off each item as it is found satisfactory or after proper adjustment is made.

- ☐ Lubricate all lubrication points. See pages 24 and 25.
- ☐ Check to be sure that all bolts are tight and all cotter pins are spread. See torque chart on page 31.
- ☐ Paint all unpainted bolts and nuts and any parts scratched in shipment.
- ☐ Check hydraulic system to be sure that all components are tight.

IMPORTANT: If backhoe is used with tractor equipped with pump having more than 15 gallons per minute (56.8 L per minute) capacity, be sure to operate the tractor at less than 1800 rpm. If tractor Selective Control Valve is used, insert backhoe hoses securely into breakaway coupler.

- ☐ Operate backhoe. If backhoe does not operate as illustrated on control lever decal, the hydraulic hoses are not connected correctly. See page 59.
- ☐ This backhoe has been tested and, to the best of my knowledge, is ready for delivery to the customer.

(Date Set-Up)

(Signature of Set-Up Person)

DELIVERY CHECK LIST

The following check list is a reminder of very important information which should be conveyed directly to the customer at the time the backhoe is delivered. Check off each item as it is fully explained to the customer.

- ☐ Advise the customer that the life expectancy of this or any other machine is dependent on regular maintenance including lubrication and bolt torque.
- ☐ If applicable, advise customer of tractor rpm restriction. See page 13.
- ☐ Tell the customer all about safety precautions that must be observed while using this backhoe.
- ☐ When backhoe is transported on a road or highway at night or during the day, accessory lights and devices should be used for adequate warning to operators of other vehicles.
- ☐ Give the operator's manual to the customer and explain all operating adjustments.
- ☐ To the best of my knowledge, this machine has been delivered ready for field use and the customer has been fully informed as to proper care and operation.

(Date Delivered)

(Signature of Delivery Person)

OWNER REGISTER

NAME _____
POST OFFICE _____
COUNTY _____ STATE _____
MODEL _____
SERIAL NUMBER _____
DATE SOLD _____



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Safety

2-3

OPERATE BACKHOE SAFELY

To prevent instability before attaching or detaching, be sure boom and dipperstick are extended and bucket is on the ground.

Operate backhoe only from backhoe operator's seat.

Lower stabilizers and bucket to ground before leaving operator's seat.

Never allow anyone to work under a raised bucket.

Do not use the backhoe bucket as a battering ram.

Do not dig under the stabilizers. Soft ground or sandy soil will cave-in.

Do not drive near the edge of a ditch, gully or excavation.

Be careful to prevent the unit from tipping sideways if it strikes an excavation, ditch, or other irregularity, especially on hillsides. The rate of travel on hillsides and curves should always be such that there is no danger of tipping.

Do not oil, grease, or adjust the unit while it is in motion.

When digging far to either side and in close, the bucket may contact the stabilizers and could cause serious damage.

Carry the backhoe low at all times, especially when working on a sidehill or backing up an incline.

Watch for overhead wires. Never touch wires with any part of the backhoe.

Be sure bystanders are clear of the backhoe before lowering stabilizers or moving the boom.

Be sure area is clear of underground obstructions before digging.

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