

RA4 FOUR-ROW REAR-MOUNTED ROW-CROP CULTIVATOR



OPERATORS MANUAL RA4 FOUR-ROW REAR-MOUNTED ROW-CROP CULTIVATOR

OMN159380 J0 English

**DES MOINES WORKS
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LITHO IN THE U.S.A.
ENGLISH



INTRODUCTION



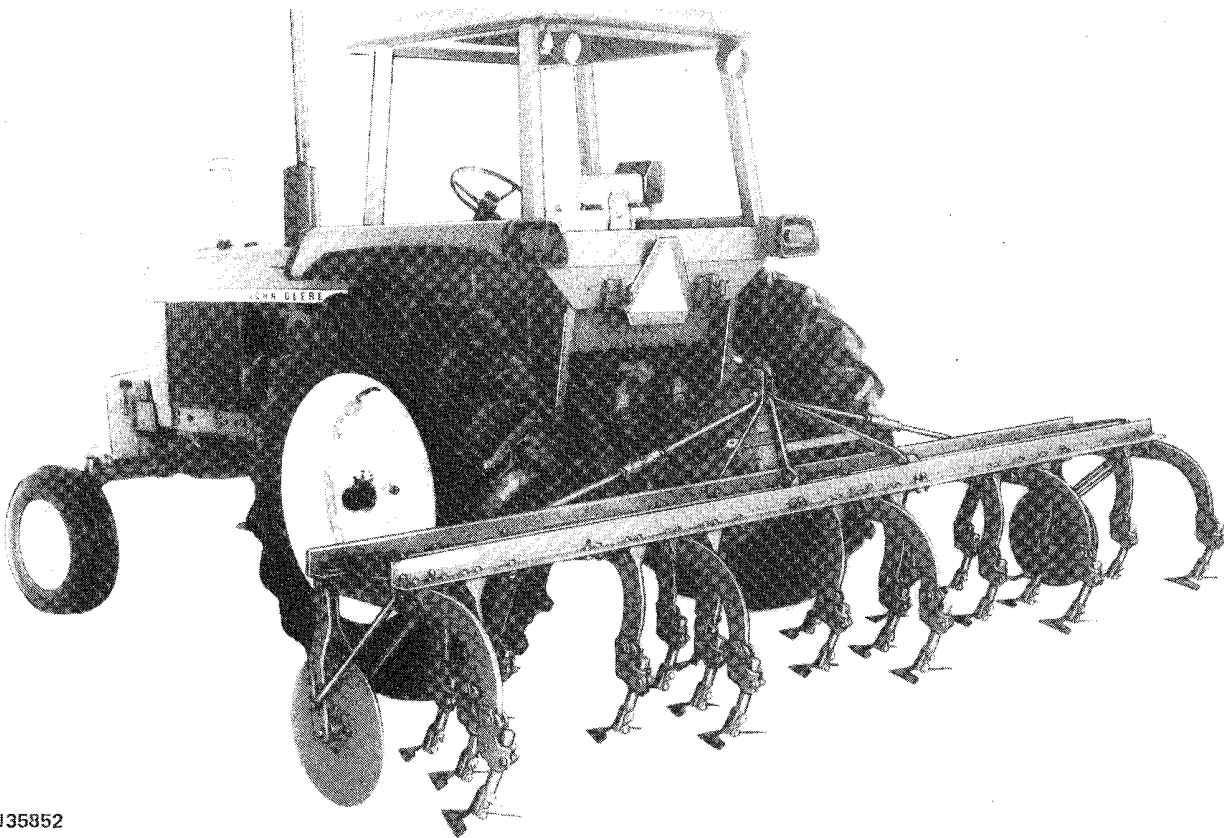
The safety alert symbol indicates important safety messages in this manual. When you see this symbol, be alert to the possibility of personal injury and carefully read the message that follows.

This operator's manual contains both the US customary units of measurement and the SI Metric equivalents.

"Right-hand" and "left-hand" sides are determined by facing in the direction of tractor forward travel.

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

Record your model and serial number in the spaces provided on page 26.



N35852

John Deere RA4, 4-Row Row-Crop Cultivator On John Deere 4030 Tractor

RA4 ROW-CROP CULTIVATOR

PREDELIVERY CHECK LIST

- ☐ Both reflectors installed.
- ☐ All customer-ordered attachments are installed.
- ☐ The correct customer-ordered sweeps or shovels are installed.
- ☐ All grease fittings have been lubricated.

I have performed the above predelivery service to the best of my ability.

Signed _____

Date _____

DELIVERY CHECK LIST

At the time of delivery, important information should be conveyed directly to the customer. Check off each item below as it is fully explained to the customer.

- ☐ Give the operator's manual to the customer and explain all operating adjustments.
- ☐ Advise the customer to lubricate the machine as directed in the operator's manual.
- ☐ Tell the customer of safety precautions that must be observed when using the machine.
- ☐ If it becomes necessary to transport the cultivator on public roads or highways, advise customer to check with local and state agencies regarding the regulations for transporting oversize equipment and the use of accessory lights and devices for adequate warning to operators of other vehicles on such roads.
- ☐ To the best of my knowledge, this machine has been delivered ready for field use and the customer has been fully informed regarding proper care and operation.

Signed _____

Date _____

OWNER REGISTER

Name _____

Address _____

Post Office _____

State _____ Zip Code _____

Serial No. _____

Date Purchased _____

AFTER-SALE CHECK LIST

The following is a suggested list of items, to be checked at a dealer-customer mutually agreeable time during the first operating season.

- ☐ Check with the customer as to the performance of the cultivator. Make certain customer understands the proper operating adjustments for the crop (or soil condition).
- ☐ If possible, operate the cultivator to see that it is functioning properly.
- ☐ Acquaint the customer with any special attachment which will help to do a better job.
- ☐ Go over entire cultivator for loose or missing bolts.
- ☐ Check for broken or damaged parts.
- ☐ Check with the customer to ascertain if the recommended periodic lubrication has been performed.
- ☐ Review the operator's manual with the customer and stress the importance of proper lubrication and safety precautions.

Signed _____

Date _____



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Safety



Operate Safely

DO NOT operate cultivator without reading this operator's manual.

DO NOT allow anyone to ride on the cultivator when it is in motion. Observe operation only from the tractor platform.

Always shut off tractor engine and shift to "Park" when leaving tractor. Remove ignition key when leaving tractor unattended.

DO NOT operate close to a ditch or creek.

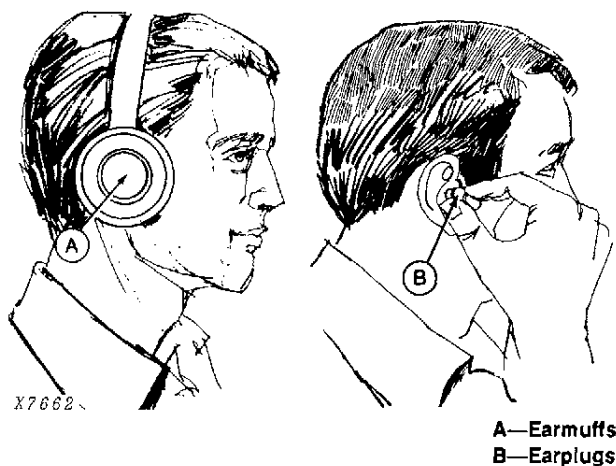
Slow down when turning.

Drive slowly over rough ground.

Apply both tractor brakes evenly when making emergency stops. Plan ahead.

Wear relatively tight and belted clothing to prevent being caught on some part of the machine.

Make sure that tractor has maximum front end ballast required in your tractor operator's manual.



Protect Against Noise

Prolonged exposure to loud noise can cause impairment or loss of hearing.

Wear a suitable hearing protective device such as earmuffs (A) or earplugs (B) to protect against objectionable or uncomfortable loud noises.

Avoid Fires

DO NOT refuel with the tractor engine running.

DO NOT smoke or use a lantern when refueling.

Transport Safely

When transporting the cultivator on a road or highway at night or during the day, use accessory lights and devices for adequate warning to operators of other vehicles. In this regard, check local governmental regulations. Various safety lights and device are available from your John Deere dealer.

Always raise the cultivator before transporting.

DO NOT fail to latch the tractor brakes together.

Shift the tractor into a lower gear when transporting down steep slopes or hills.

Keep the tractor SMV emblem and reflectors clean and visible.

Stop slowly.

KNOW the width of your cultivator.

Practice Safe Maintenance

DO NOT adjust or clean the cultivator while in motion.

When working on or around the cultivator, support the cultivator frame on stands.

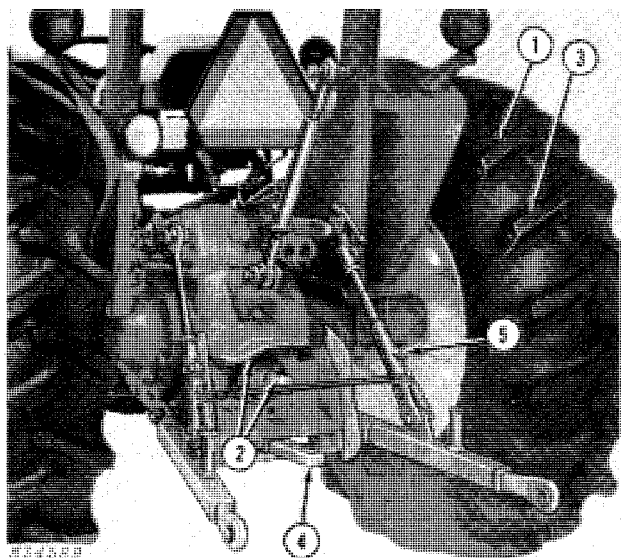
Always shut off the tractor engine when working on or around the cultivator.

Be careful of sharp edges when working around cultivator.

If touch-up spray can paint is used, be careful when discarding empty can.* Do not incinerate or puncture can.

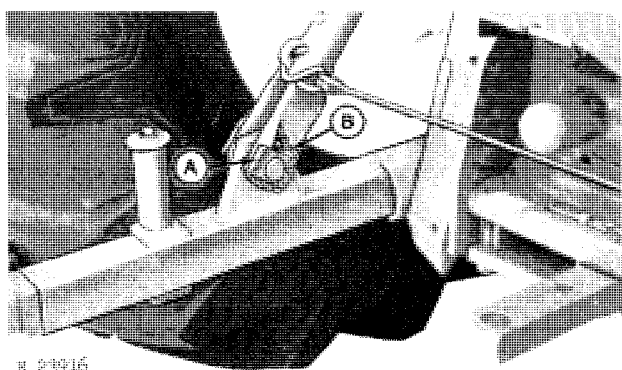


Preparing Tractor



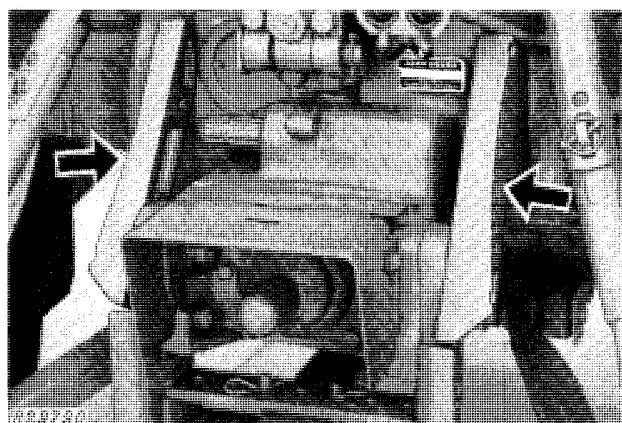
1. Set the tractor wheels for desired row spacing so the wheels are centered between the rows. See your tractor operator's manual.
2. Make sure the master shield and PTO guard are installed.
3. Make sure tractor tires have correct air pressure. See tractor operator's manual.
4. Place drawbar in short centered position or remove it.
5. Adjust lift links to minimum length. See tractor operator's manual.

IMPORTANT: Quik-Coupler CANNOT be used.



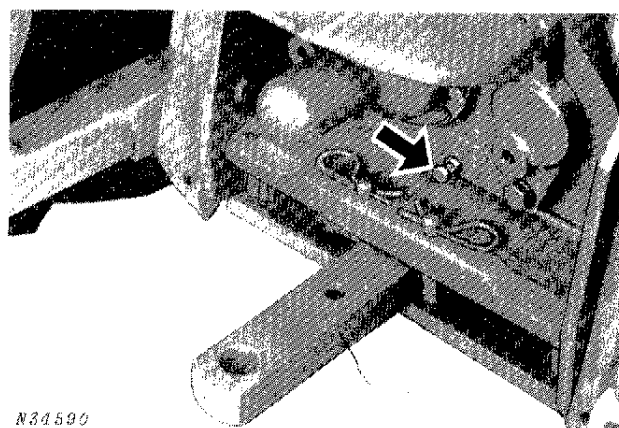
6. Lock out lateral float (A).

A—Float Prevented
B—Float Permitted



7. Position sway blocks in upper setting to prevent side sway during transport.

8. Adjust negative stop screw, if equipped. See your tractor operator's manual.



9. Adjust speed of drop.

Counterclockwise	- Faster
Clockwise	- Slower



CAUTION: Excessive speed of drop can cause damage or injury. Fully lowering cultivator should require at least two seconds.



10. Rockshaft selector lever should be in "zero" (depth control) position.

NOTE: On earlier model tractors, lever should be in "D" (depth control) position.

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