

# A20 ROW-CROP CULTIVATOR



JOHN DEERE

## OPERATORS MANUAL A20 ROW-CROP CULTIVATOR

OMN159524 F9 English

DES MOINES WORKS  
OMN159524 F9


LITHO IN THE U.S.A.  
ENGLISH





# To the Purchaser

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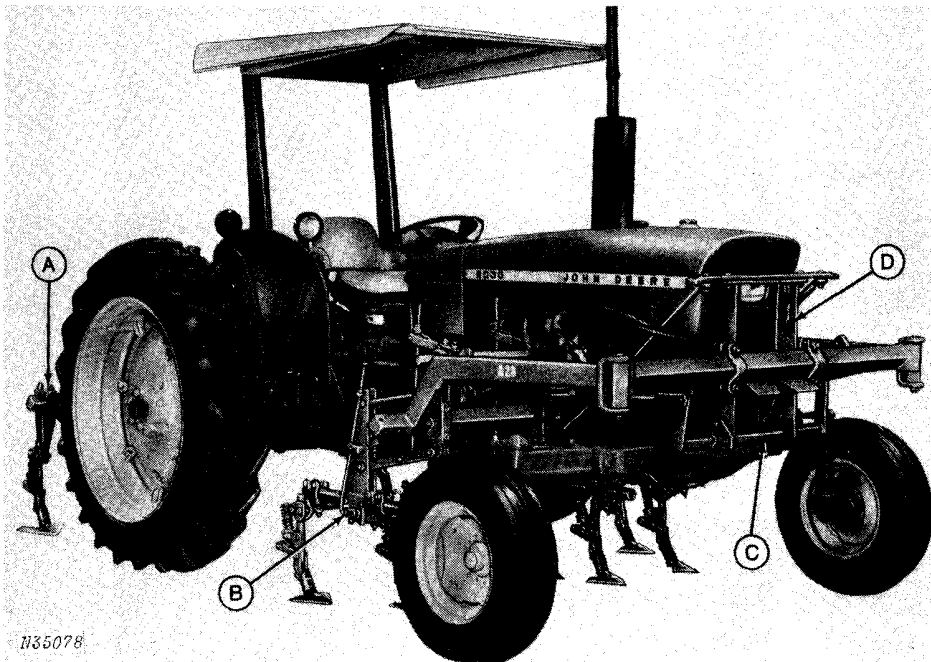
 This safety alert symbol identifies important safety messages in this manual. When you see this symbol, be alert to the possibility of bodily injury and carefully read the message that follows.

“Right-hand” and “left-hand” sides are determined by facing in the direction the chisel plow will travel when in use.

Record your model and serial number on page 35.

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 in parenthesis throughout this operator's manual. These equivalents are the SI (International System) Units of Measure.



- A—Rear Rig
- B—Storage Stand
- C—Front Rockshaft
- D—Quik-Tatch® Frame

# A20 ROW-CROP CULTIVATOR

## PREDELIVERY CHECK LIST

After the cultivator has been completely assembled, inspect to be sure it is in good running order before delivering to the customer. 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.

- All grease fittings have been lubricated.
- Cultivator lift pipes (rear rockshaft operated cultivator) and rig lift rods are set so rig pipes do not strike lower rig links and inner rigs do not contact tractor when cultivator is raised.
- Row spacing of rigs is correct for row width to be cultivated.
- Make sure all the customer-ordered attachments have been installed.
- Any parts scratched in shipment have been touched up with paint.
- This cultivator has been thoroughly checked and to the best of my knowledge, is ready for delivery to the customer.

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*Signature*

---

*Date*

## DELIVERY CHECK LIST

At the time the cultivator is delivered, the following check list is a reminder of information which should be conveyed directly to the customer. Check off each item as it is fully explained to customer.

- Advise the customer the importance of using the proper tools.
- Explain to the customer that the life expectancy of this or any other machine depends on regular lubrication as directed in the operator's manual.
- Give the operator's manual to the customer and explain all operating adjustments.
- Advise the customer of all the safety precautions that must be exercised while using this cultivator.
- When the cultivator 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. In this regard, tell customer to check local governmental regulations.

- 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.

---

*Signature*

---

*Date*

## 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 the proper operating adjustments are understood.
- If possible, operate the cultivator to see that it is functioning properly.
- Acquaint the customer with any special attachment which will help do a better job.
- Go over entire cultivator for loose or missing bolts.
- Check for broken or damaged parts.
- Ask the customer 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.

## OWNER REGISTER

Name \_\_\_\_\_

Post Office \_\_\_\_\_

County \_\_\_\_\_ State \_\_\_\_\_

Size and Serial Number \_\_\_\_\_

Date Sold \_\_\_\_\_



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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 key when leaving tractor unattended.

DO NOT operate close to a ditch or creek.

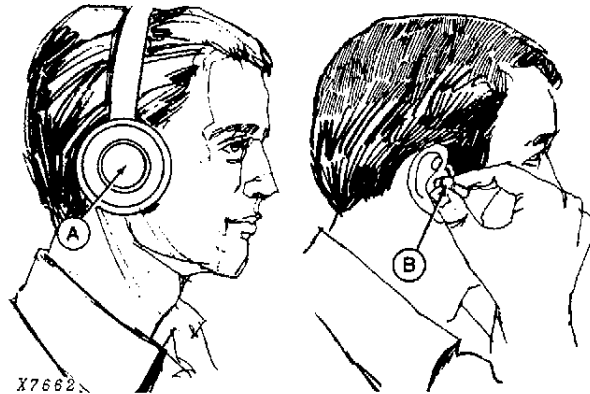
Slow down when turning.

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.

## Protect Against Noise



A—Earmuffs  
B—Ear Plugs

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



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- DO NOT refuel with the tractor engine running.
- DO NOT smoke or use a lantern when refueling.

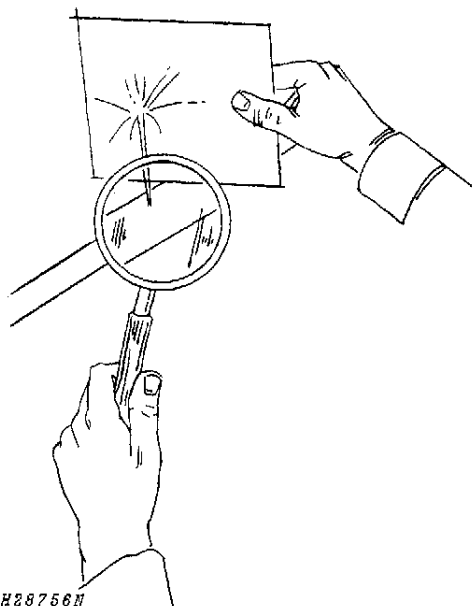
## Transport Safely

- 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 clean and visible from the rear.
- Stop slowly.

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 devices are available from your John Deere dealer.

## Practice Safe Maintenance

- DO NOT lubricate, adjust, or clean the cultivator while it is in motion.
- Always use a safety support when working on, under, or around the cultivator.
- Shut off engine and remove key when working on cultivator.
- When mounting a tire on a wheel or rim, failure to follow proper procedure can produce an explosion which can result in serious injury or death. Do not attempt to mount a tire unless you have the proper equipment and experience to perform the job. Have it done by your John Deere dealer or a qualified tire repair service.



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### A—Pin Hole Leak

Escaping fluid under pressure can have sufficient force to penetrate the skin, causing serious personal injury. Before disconnecting lines, be sure to relieve all pressure. Before applying pressure to the system, be sure all connections are tight and that lines, pipe, and hoses are not damaged.

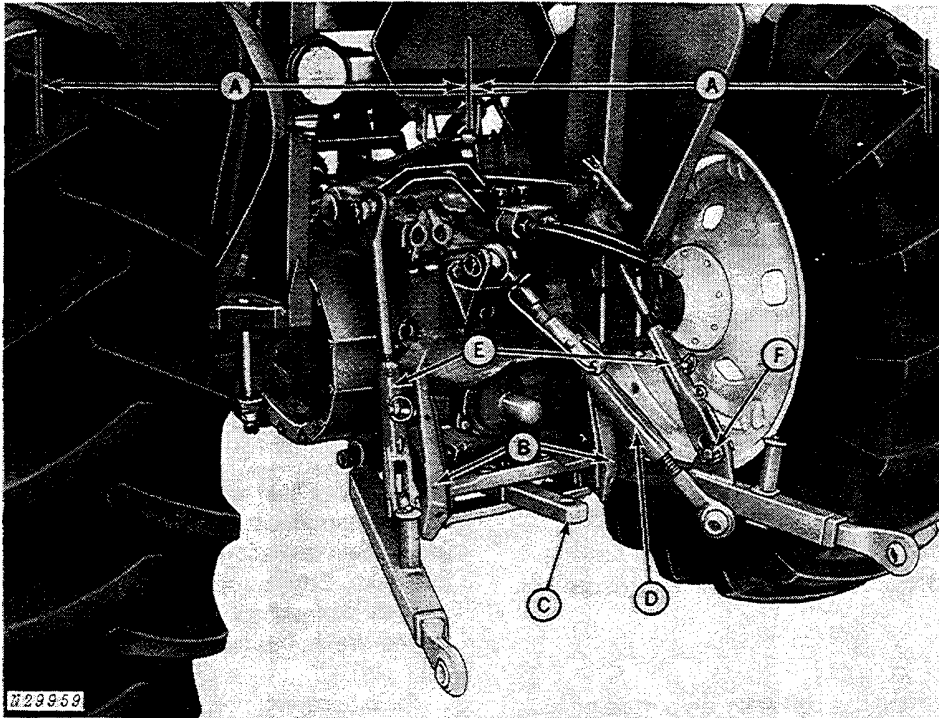
Fluid escaping from a very small hole can be almost invisible. Use a piece of cardboard or wood, rather than hands, to search for suspected leaks.

If injured by escaping fluid, see a doctor at once. Serious infection or reaction can develop if proper medical treatment is not administered immediately.



# Operation

## PREPARING THE TRACTOR



A—Same Distance  
B—Sway Blocks  
C—Drawbar

D—Center Link  
E—Lift Links  
F—Locked Position

*Tractor with Category 2 Three-Point Hitch*

### Wheel Spacing

Set the tractor wheels for the desired row spacing so the wheels are centered between the rows. The dimension "A" from the center of the tractor to the center of each tire should be the same.

On tractor with adjustable-tread front axle, set the front wheel tread 8 inches (203 mm) narrower than twice the row width to be cultivated (68-inch [1 727 mm] tread for 38-inch [965 mm] row spacing.)

See your tractor operator's manual for correct tire inflation pressures.

### Sway Blocks

Place the sway blocks (B) in the category 2 down position for use with rear rigs. See your tractor operator's manual.

### Drawbar Position

Place drawbar (C) as far forward as possible. Pin drawbar in a fixed, centered position.

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