

# HZ GRAIN DRILL



JOHN DEERE

## OPERATORS MANUAL HZ GRAIN DRILL

OMN200031 D4 English

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OMN200031 D4

LITHO IN THE U.S.A.  
ENGLISH



# Introduction



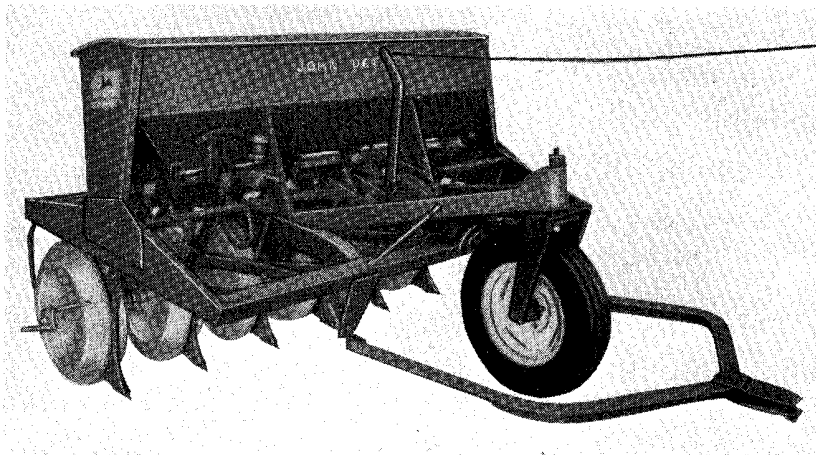
This safety alert symbol indicates important safety messages in this manual. When you see this symbol, be alert to the possibility of personal injury and carefully read the message that follows.

This publication contains both the U.S. customary units of measurement and the SI metric equivalents.

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

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

Record your model and serial number, see specifications.



## HZ GRAIN DRILL

### PREDELIVERY CHECK LIST

After the drill has been assembled, inspect it to be sure it is in good running order before delivery to the customer. Check off each item below as it is found satisfactory, or after proper adjustment is made.

1. Make sure all grease fittings are installed and drill is thoroughly lubricated. See pages.
2. Check grain feed shaft to see that it revolves freely.
3. Check fluted feed cups for proper settings. Refer to Resetting Fluted Feed Cups in operator's manual.
4. Inspect collars on top of pressure rods and adjusting washers below spring on pressure rods to be sure they are all set in the same position.
5. Raise and lower furrow openers and see that gear hangers are adjusted so gears mesh properly with countershaft gears.
6. Operate power lift to be sure that it works freely and correctly.
7. This drill has been checked and, to the best of my knowledge, is ready for delivery to the customer.

Signed \_\_\_\_\_

Date \_\_\_\_\_

### DELIVERY CHECK LIST

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

1. Explain to the customer that the drill should be lubricated regularly as directed in the operator's manual.
2. Give the operator's manual to the customer and explain all operating adjustments, using the manual as a guide.
3. Advise the customer of all the safety precautions when using the drill.

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4. When the drill 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 customers to check local government regulations.

5. 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 \_\_\_\_\_

### 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 drill. Make certain the proper operating adjustments are understood.

If possible, operate the drill to see that it is functioning properly.

Acquaint the customer with any special attachment which will help do a better job.

Go over entire drill 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 \_\_\_\_\_ Zip Code \_\_\_\_\_

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

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

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# Safety

## READ OPERATOR'S MANUAL

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



9A0;N35538 N04;HZSA A 151183

## IDENTIFY SIGNAL WORDS IN THIS MANUAL

“CAUTIONS” are presented in bold type, and indicate there is a possibility of injury to you or other people.

“IMPORTANTS” are also presented in bold type, and indicate there is a possibility of damage to the machine.

“NOTES” are set off from the text in italics. They provide additional information that is an exception to a previous statement or is not directly related to the original subject.

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## OPERATE SAFELY

DO NOT operate drill with more than one person on the tractor.

DO NOT allow anyone to ride on the drill.

DO NOT operate close to a ditch or creek.

Drive slowly over rough ground.

Shift the tractor into a lower gear when operating on steep slopes.

If your tractor is equipped with a ROLL-GARD® Safety Canopy and seat belt be sure to keep your seat belt fastened when operating or transporting the drill.

Handle and apply chemically treated seeds according to manufacturers recommendations. Properly dispose of unused treated seeds and their containers.

Always shut off tractor engine and shift to park when leaving tractor. Remove key when leaving tractor unattended.

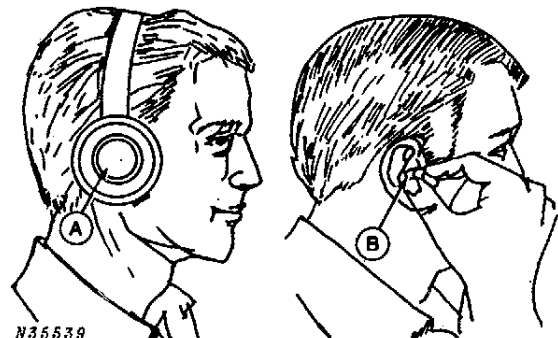


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## PROTECT AGAINST NOISE

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.



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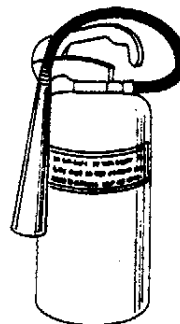
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### AVOID FIRES

DO NOT refuel with the tractor engine running.

DO NOT smoke or use a lantern when refueling.

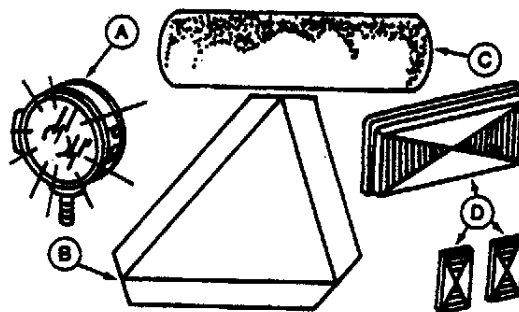
Be careful when cleaning with diesel fuel so that it does not ignite. Use only in a well ventilated area and away from any sparks or flames.



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### USE SAFETY LIGHTS AND DEVICES

When transporting your machine on a road or highway at night or during the day, use necessary lights (A), SMV emblems (B), reflector tape (C) or reflectors (D), for adequate warning to operators of other vehicles. In this regard, check local governmental regulations. These various safety lights and devices are available from your John Deere dealer.



- A—Lights
- B—SMV Emblem
- C—Reflector Tape
- D—Reflectors

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## TRANSPORT SAFELY

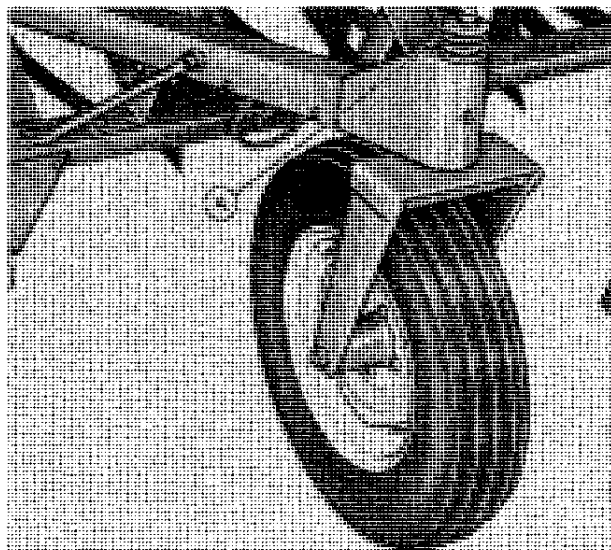
Tighten nuts on caster brake (A) just enough to prevent wheel from pivoting excessively while transporting drill. Be sure lock nut is turned down tight after adjusting.

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

DO NOT transport unless the drill reflectors and SMV emblem are easily visible from the rear.

Never transport the drill faster than 20 mph (32 km/h). Reduce speed when traveling over rough ground.

Inflate caster wheel tire to 30 psi (207 kPa).



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## PRACTICE SAFE MAINTENANCE

Shut off tractor engine and remove key when working on drill.

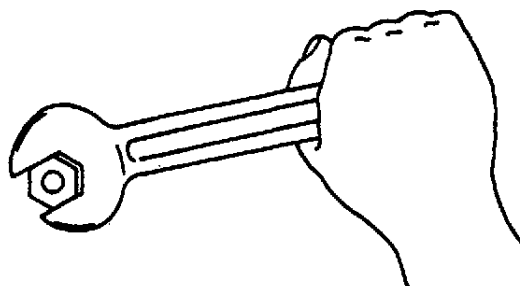
Unauthorized modifications to the machine may impair the function and/or safety and affect the machine life.

Replace any guards or shields removed for servicing.

Block the wheels so the drill remains stationary.

When cleaning with diesel fuel, do not allow diesel fuel or any other petroleum product to come in contact with rubber tubes.

Always lower openers before working on or under them unless specifically told to do otherwise.



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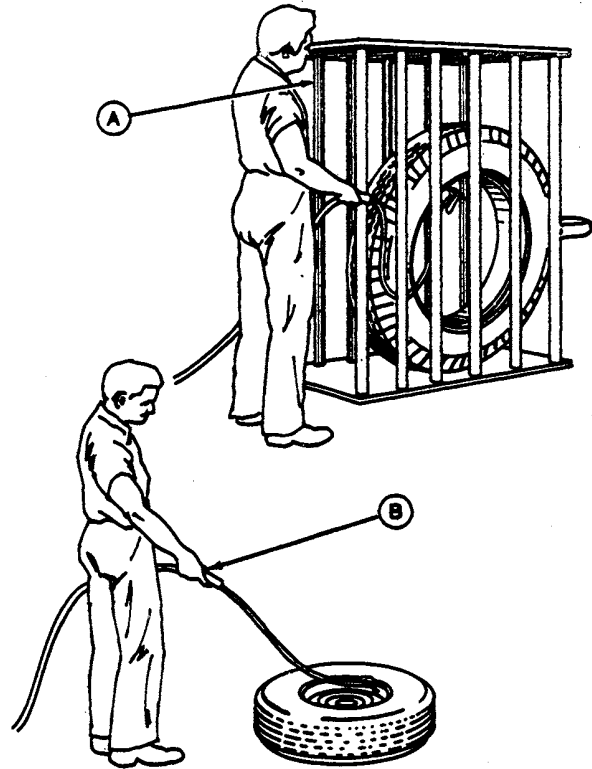
## SERVICE TIRES SAFELY

Failure to follow proper procedures when mounting a tire on a wheel or rim can produce an explosion which may 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.

When seating tire beads on rims, never exceed 35 psi (240 kPa) (2.4 bar) or maximum inflation pressures specified by tire manufacturers for mounting tires. Inflation beyond this maximum pressure may break the bead, or even the rim, with dangerous explosive force. If both beads are not seated when the maximum recommended pressure is reached, deflate, reposition tire, relubricate bead, and reinflate.

Detailed agricultural tire mounting instructions, including necessary safety precautions, are contained in John Deere Fundamentals of Service (FOS) Manual 55, Tires and Tracks, available through your John Deere dealer. Such information is also available from the Rubber Manufacturers Association and from tire manufacturers.

- A—Use a safety cage if available.
- B—Do not stand over tire. Use a clip-on chuck and extension hose.



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