

8000 SERIES GRAIN DRILLS SERIAL NO. (43475-UP)



OPERATORS MANUAL 8000 SERIES GRAIN DRILLS SERIAL NO. (43475-UP)

OMN159562 F1 English

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OMN159562 F1**

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ENGLISH



INTRODUCTION



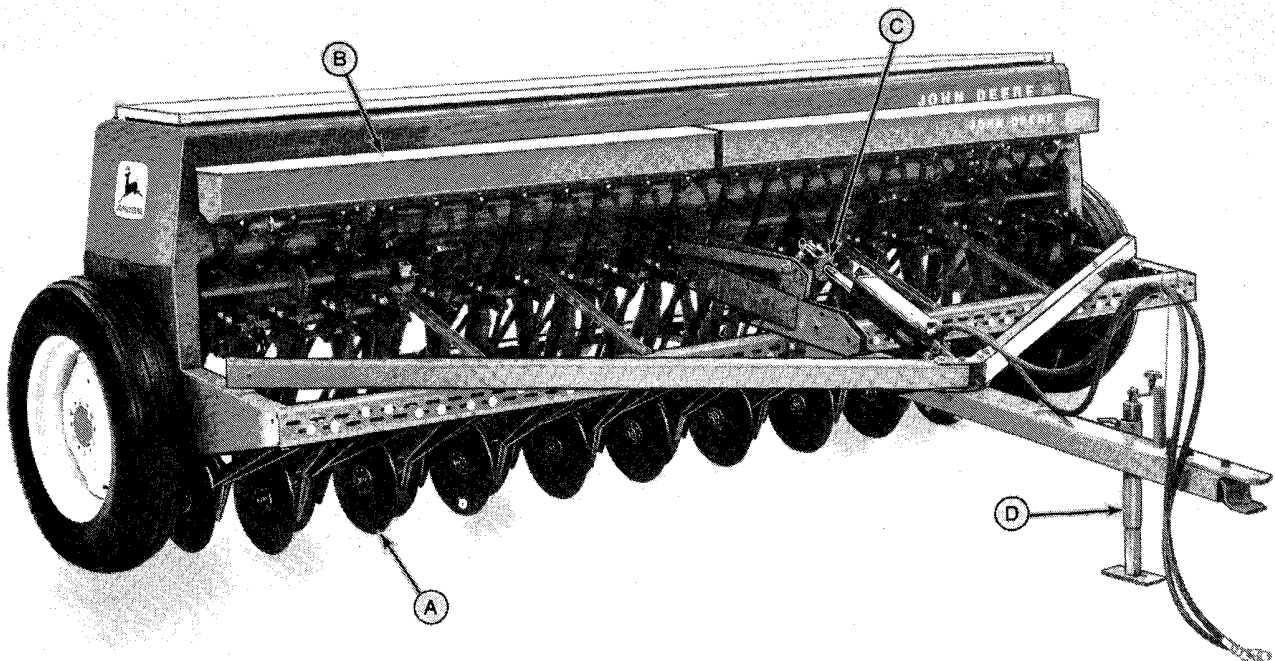
This safety alert symbol indicates important safety messages in this manual. When you see this symbol, be alert to the possibility of personal injury and carefully read the message that follows.

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 numbers on page 77.



N32243

A—Double Disk Openers

B—Grass Seed Attachment

C—Hydraulic Lift

D—Hitch Jack

John Deere 8250, 12-Foot (3 658 mm) Grain Drill with Grass Seed Attachment



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Safety



Operate Safely

DO NOT operate grain drill without reading this operator's manual.

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

DO NOT allow anyone to ride on the drawbar of the tractor, or on the grain drill.

DO NOT operate close to a ditch or creek.

Slow down when turning.

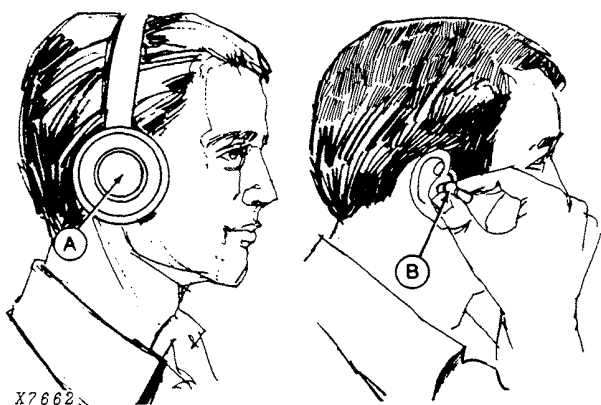
If equipped with markers, stand clear of disks when folding or unfolding.

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 grain drill.

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



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.

A—Earmuffs

B—Earplugs

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.

Transport Safely

When towing the grain drill on a road or highway at night or during the day, use necessary 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.

Always raise the openers and secure the lift mechanism. If hydraulic lift, install locking pin in the transport position (bold arrow).

If equipped with row markers, know the transport height of your marker arm and beware of overhead wires.

If equipped with row marker selector control, tractor control switch should be in the "neutral" or "off" position.

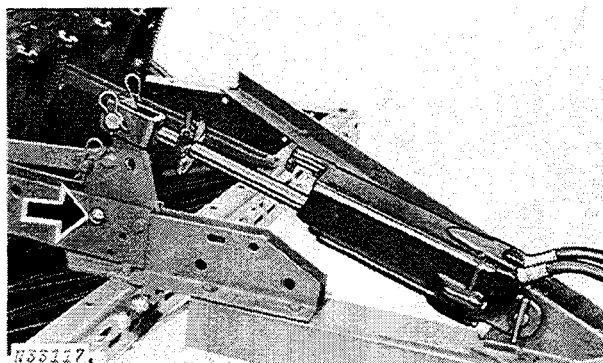
Stop slowly.

Always raise the jack stand before transporting.

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

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

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



Practice Safe Maintenance

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

Replace any guards or shields removed for servicing.

Block the wheels so the drill remains stationary.

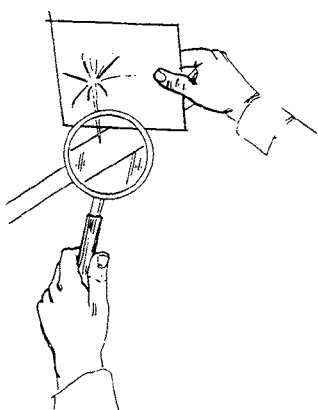
When cleaning with diesel fuel, do not allow diesel fuel or any other petroleum product to come in contact with rubber tubes.

Mounting Tires

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 (241 kPa) 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 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, Tire and Tracks, available through your John Deere dealer. Such information is also available from the Rubber Manufacturers Association and from tire manufacturers.



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Hydraulic Fluid

Escaping fluid under pressure can have sufficient force to penetrate the skin, causing serious injury. Before disconnecting lines, be sure to relieve all pressure. Before applying pressure, be sure all connections are tight and lines, pipes and hoses are not damaged. Use a piece of cardboard or wood rather than hands, to search for 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.



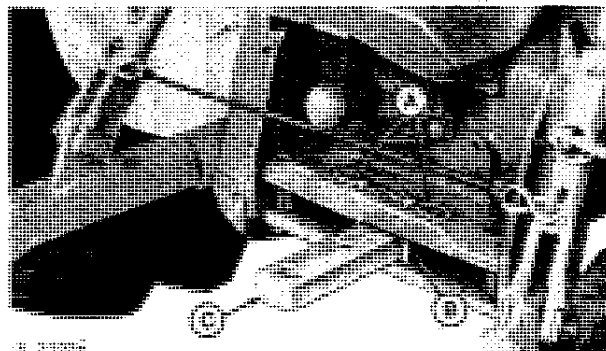
Preparing the Tractor



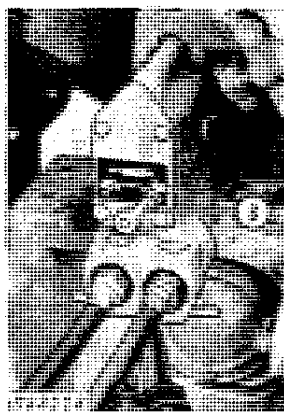
CAUTION: Make sure the master shield and PTO guard are installed.

1. Lock the drawbar in the center with locking pins (B) and Quik-Tatch™ pins (A).
2. Secure or remove the lift links.

A—Quik-Tatch Pins
B—Locking Pin
C—Drawbar

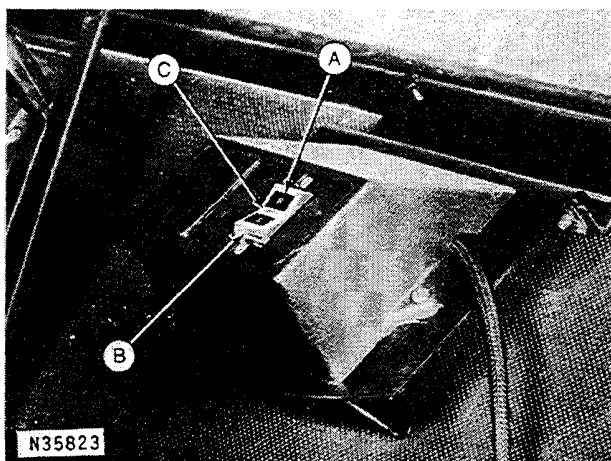


3. If drill is equipped with hydraulic lift, turn the tractor metering valve clockwise to the "Fast" position.



Continued on next page.

6 Preparing the Tractor



4. If equipped with row marker selector valve, install switch box control, wiring harness and seven pin outlet (if necessary). Installation instructions are included with the bundle.

A—Right-Hand Marker
B—Left-Hand Marker
C—"Neutral" or "Off"



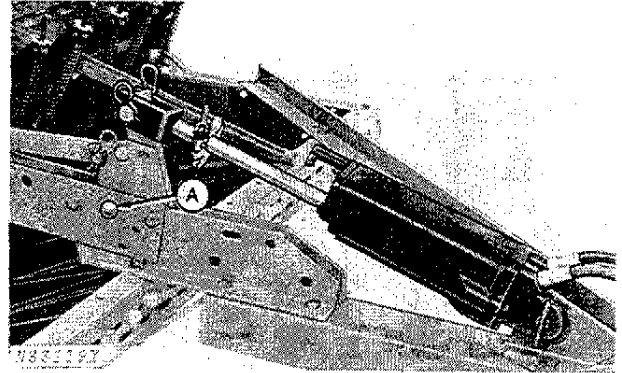
Preparing the Grain Drill

1. If equipped with hydraulic lift, install the hydraulic cylinder as shown, positioning the lock pin in either the transport position (A) OR the field position (B).

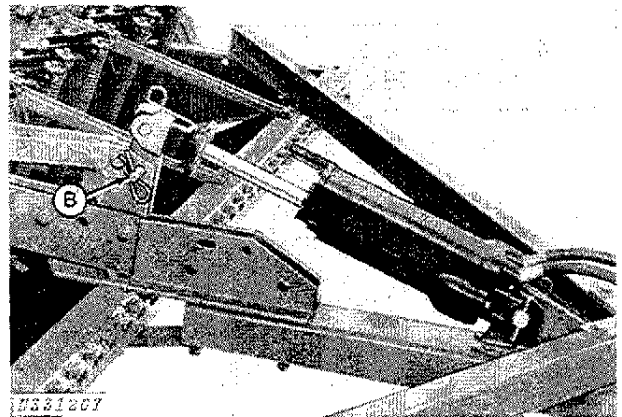
When the pin is in the transport position, the hydraulic cylinder can be removed for other use, and the drill can still be transported.

Route the hoses through the spring support in preparation for tractor hookup.

IMPORTANT: Install locking pin in transport position (A) OR field position (B) but **NEVER BOTH** at the same time.



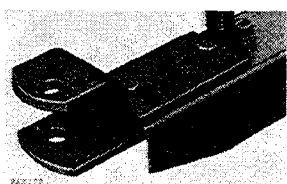
Transport Position



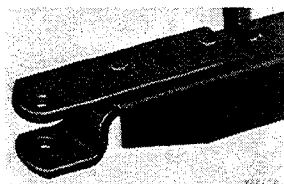
Field Position

Continued on next page

8 Preparing the Drill

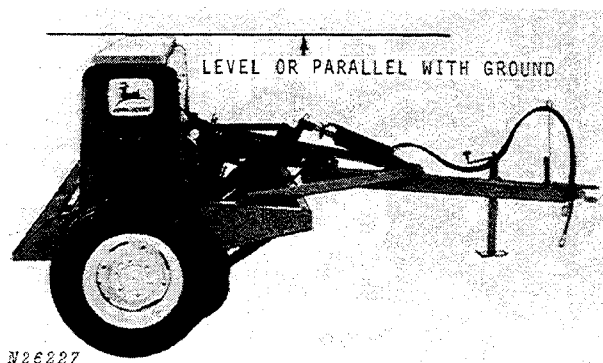


17-inch (432 mm)



15-inch (381 mm)

2. Position drill hitch clevis straps AND/OR tractor drawbar to level drill.



4 ply tires—28 psi (194 kPa) (2 bar)
6 ply tires—32 psi (221 kPa) (2.2 bar)

3. Check for correct tire air pressure as shown.

IMPORTANT: Incorrect air pressure affects seed-ing rates.

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