

**8000 SERIES
GRAIN DRILLS
SERIAL NO. (52968-)**



JOHN DEERE

**OPERATORS MANUAL
8000 SERIES GRAIN DRILLS
SERIAL NO. (52968-)**


OMN159581 J3 English

**JOHN DEERE DES MOINES WORKS
OMN159581 J3**

LITHO IN THE U.S.A.
ENGLISH



INTRODUCTION

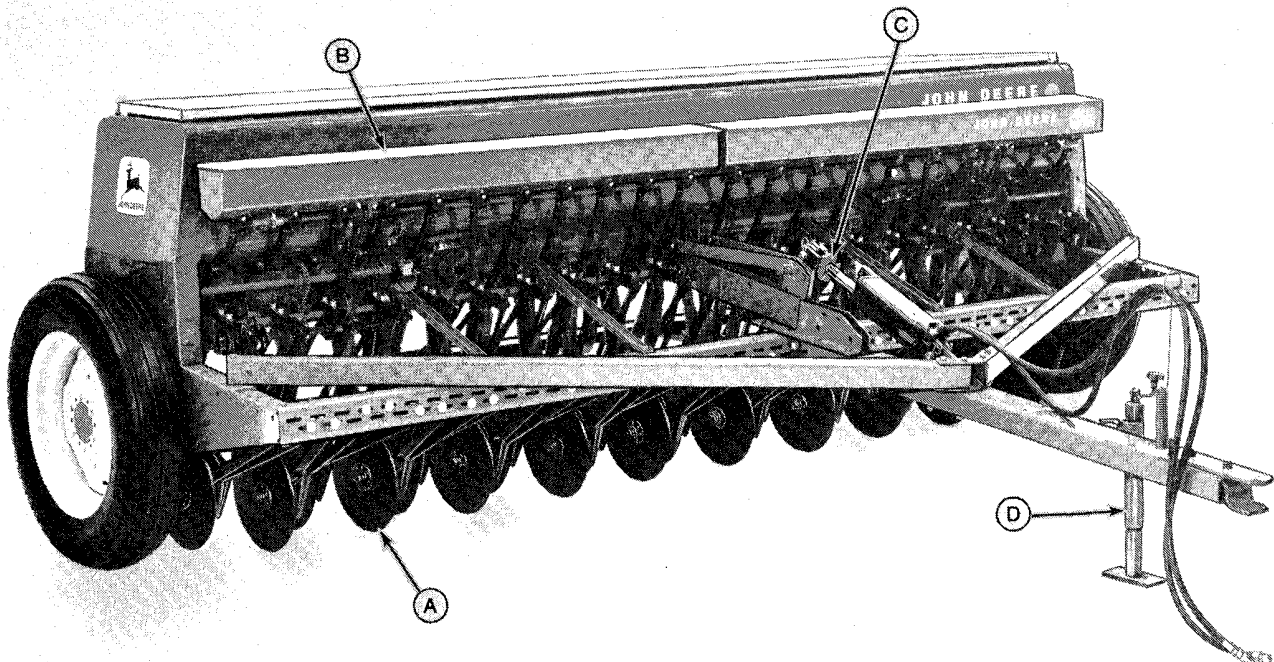
 This safety alert symbol indicates important safety messages in this manual. When you see this symbol, be alert to the possibility of personal injury and carefully read the message that follows.

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 numbers on page 81.



N32243

N32243

A—Double-Disk Openers

B—Grass Seed Attachment

C—Hydraulic Lift

D—Jackstand

John Deere 8250, 12-Foot (3.6 m) Grain Drill with Grass Seed Attachment

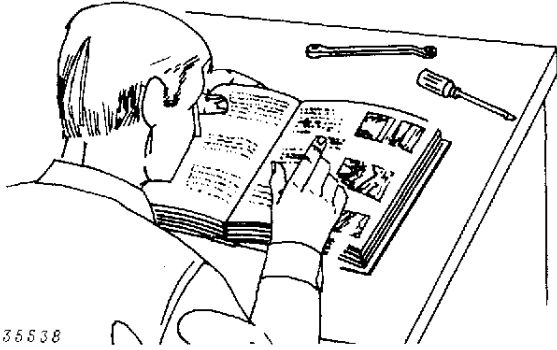


Contents

	Page(s)
Safety	2-4
Preparing the Tractor	5-6
Preparing the Grain Drill	7-8
Attaching and Detaching	9-10
Transporting	11-12
Hauling drill on trailer	11
Towing drill	12
Operating the Grain Drill	13-47
Operating guidelines	13
Furrow opener down pressure	13A-14
Single-disk opener	15-16
Double-disk opener	17-18
Hoe opener	18
TRU-VEE™ opener attachment	19
Drawbar	19
Spill shields	20
Seeding with fluted-feed drills	21-25
Seeding charts	23-25
Seeding with double-run drills	26-32
Seeding charts	28-32
Fertilizer system	33-35
Fertilizer charts	34
Seeding with grass seed attachment	36-39
Seeding charts	37-39
Using Density Meter	40-41
Checking Quantities drilled	42-43
Drilling row crops	44
Rear-Mounted Row Markers	45
Gang Press Attachment	46-47
Attachments	48-54
Lubrication and Maintenance	55-58
Trouble Shooting	59-62
Service	63-75
Storage	76-77
Specifications	78-81
Serial number	81



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.

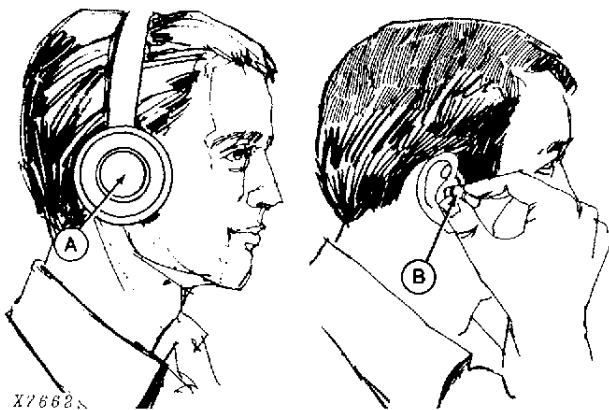
Drive slowly over rough ground.

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.

For non-hydraulic markers, make certain that rope is secured away from moving parts.



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.

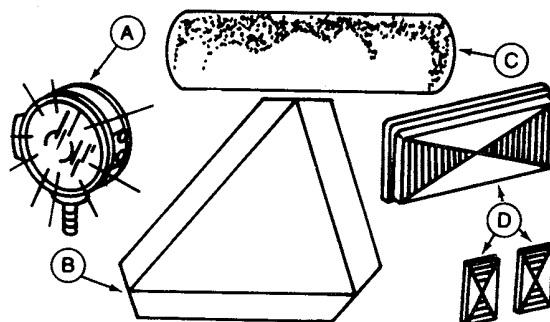
DO NOT smoke or use a lantern when refueling.

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 your drill on a road or highway at night or during the day, use necessary lights (A), SMV emblem (B), reflecting tape (C) or reflectors (D), for adequate warning to operator's 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—Reflecting Tape
D—Reflectors



N35564

Always raise the openers and secure the lift mechanism. If equipped with 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.

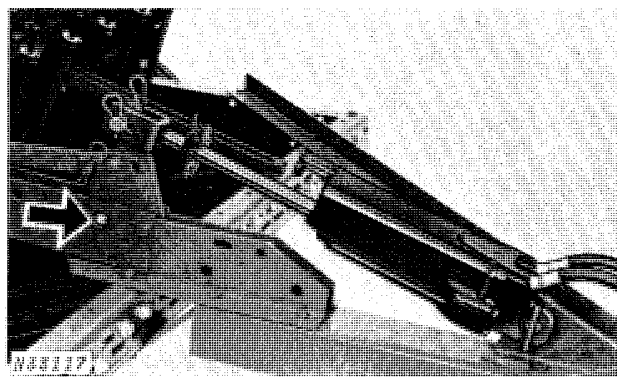
Stop slowly.

Always raise the jackstand 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.



N33117

Practice Safe Maintenance

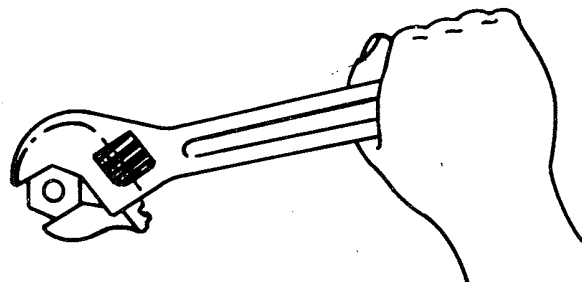
Unauthorized modifications to the machine may impair the function and/or safety and affect machine life.

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

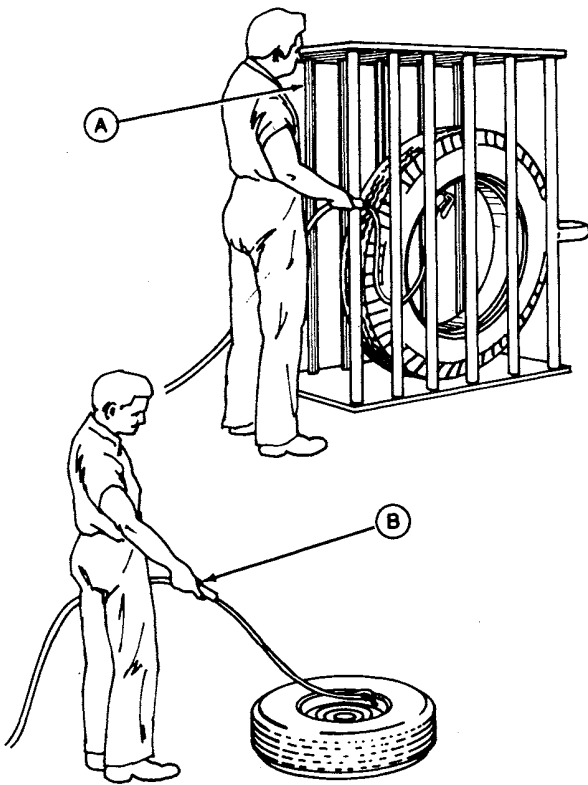
Replace any guards or shields removed for servicing.

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.



N37033



TS0123

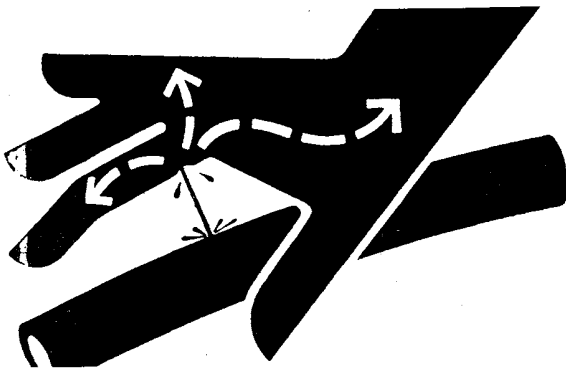
Service Tires Safely

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 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 maximum recommended pressure is reached, deflate, reposition tire, relubricate bead, and reinflate.

Detailed 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.

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



X9811

Avoid High-Pressure Fluids

Escaping fluid under pressure can penetrate the skin causing serious injury. Relieve pressure before disconnecting hydraulic or other lines. Tighten all connections before applying pressure. Keep hands and body away from pinholes and nozzles which eject fluids under high pressure. Use a piece of cardboard or paper to search for leaks. Do not use your hand.

If ANY fluid is injected into the skin, it must be surgically removed within a few hours by a doctor familiar with this type of injury or gangrene may result.

Cautions, Important, Notes

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

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

“NOTES” are separated 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.

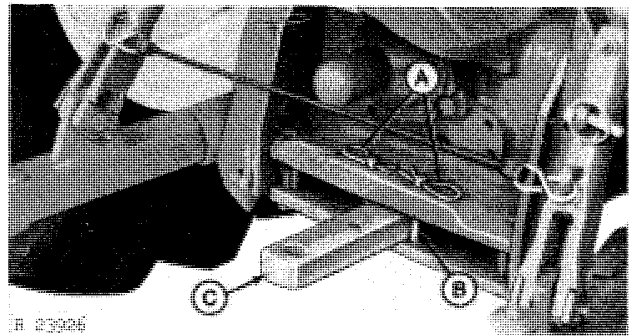


Preparing the Tractor

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

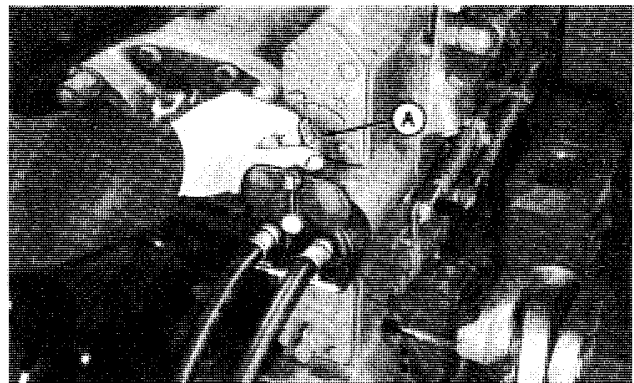
1. Lock the drawbar (C) in the center with locking pins (B) and QUIK-TATCH™ pins (A).
2. Secure or remove the lift links.

A—QUIK-TATCH Pins
B—Locking Pin
C—Drawbar



R23926

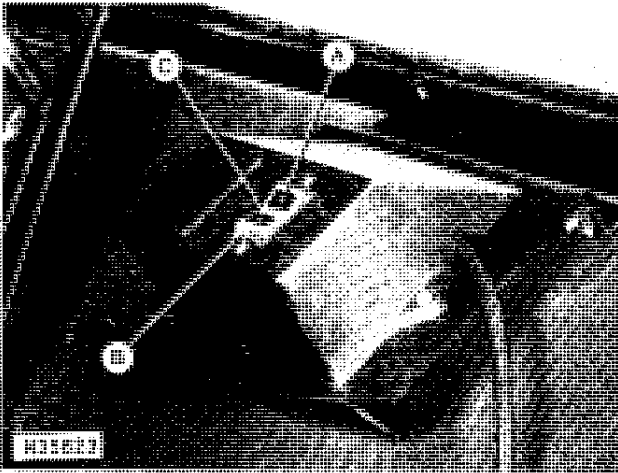
3. If drill is equipped with hydraulic lift, turn the tractor metering valve "A" clockwise to the "Fast" position.



RW4429

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"

N35823



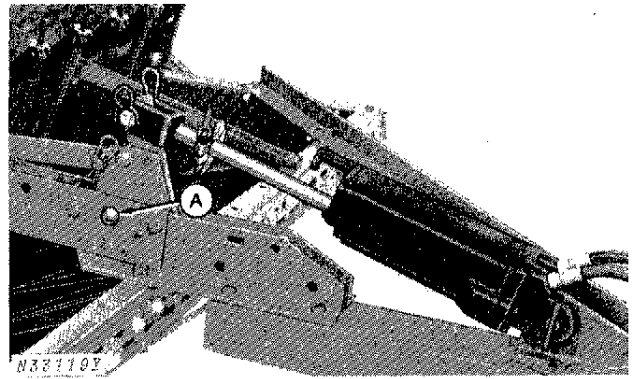
Preparing the Grain Drill

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).

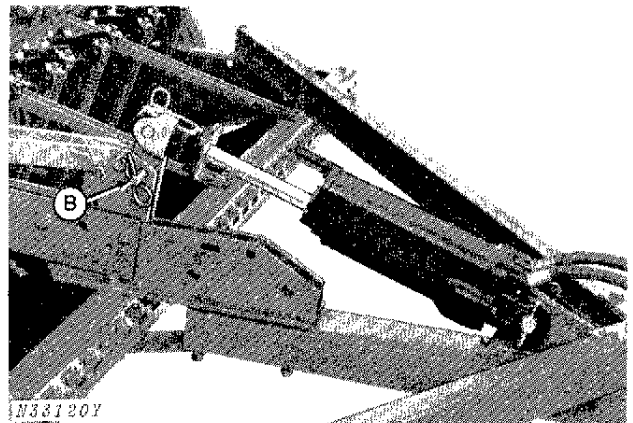
When the pin is in the transport position, the hydraulic cylinder can be removed for other use, and the drill can still be transported.

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.

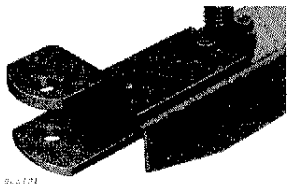


Transport Position

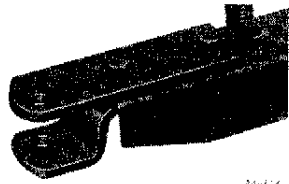


Field Position

8 Preparing the Grain Drill

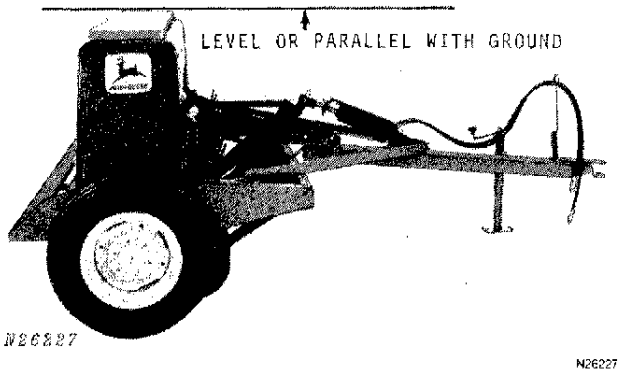


17-inch (432 mm)



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.

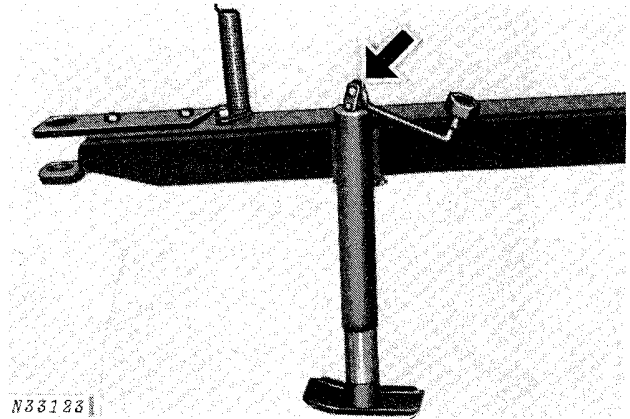
IMPORTANT: Incorrect air pressure affects seeding rates.



Attaching and Detaching

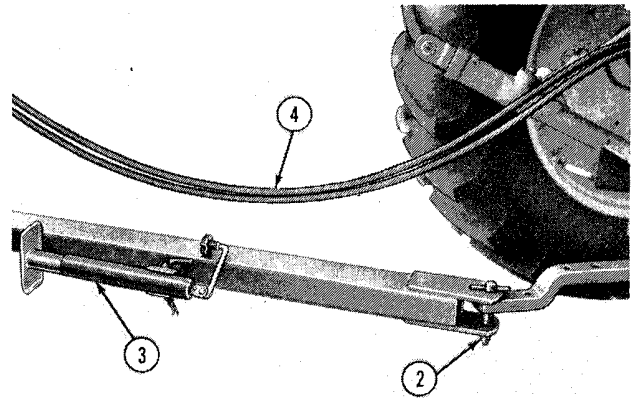
ATTACHING DRILL TO TRACTOR

1. Use the jackstand (bold arrow) to align the drill hitch with the tractor.



N33123

2. Back the tractor and pin the hitch to the drawbar.
3. Unpin the jackstand, turn it 90 degrees, and repin it in field position.
4. If drill is equipped with hydraulic lift or row markers, plug the hoses into the proper tractor outlets.
5. If equipped with row-marker selector control, plug wiring harness into electrical outlet.



N33124

Multiple Hitch Illustrated

(Continued on next page)

Thank you so much for reading.
Please click the “Buy Now!”
button below to download the
complete manual.



After you pay.

You can download the most
perfect and complete manual in
the world immediately.

Our support email:

ebooklibonline@outlook.com