

9000 SERIES GRAIN DRILLS



JOHN DEERE

OPERATORS MANUAL 9000 SERIES GRAIN DRILLS

OMN159549 H0 English

JOHN DEERE DES MOINES WORKS
OMN159549 H0

LITHO IN THE U.S.A. (REVISED)
ENGLISH



INTRODUCTION

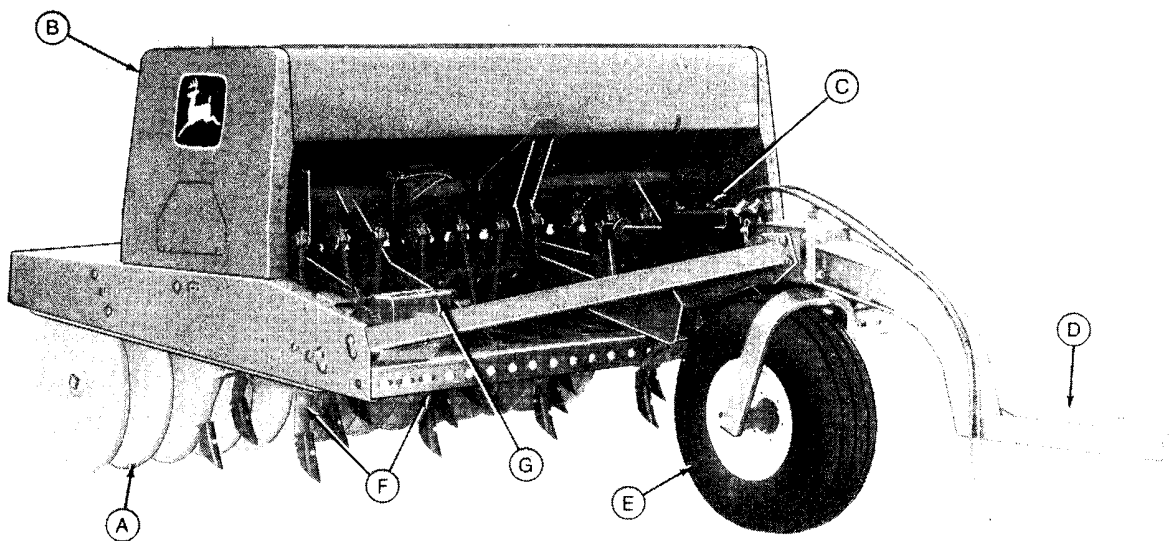
⚠ This safety alert symbol identifies important safety messages in this manual. When you see this symbol, be alert to the possibility of personal injury and carefully read the message that follows.

This operator's manual contains SI Metric equivalents which follow immediately after the U.S. customary units of measure.

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

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

Record your model and serial numbers on page 64.



N32392

A—Solid Press Wheel
B—Combination Box—Grain
and Fertilizer

C—Lift Cylinder
D—Tongue
E—Caster Wheel

F—Hoe Openers
G—Fertilizer Drive Gear Case

John Deere 9350, 8-Foot (2 438 mm) Fertilizer Press Wheel Grain Drill With 3-Row Hoe Openers



Contents

	Page		Page
SAFETY	2-3	ATTACHMENTS	30-35
PREPARING TRACTOR	4	LUBRICATION	36-37
PREPARING DRILL	5	TROUBLE SHOOTING	38-40
ATTACHING AND DETACHING	6	SERVICE	41-47
TRANSPORTING	7	Resetting Feed Cups	41
OPERATING THE DRILL	8-29	Feed Shaft Torque	41
Spill Shield	8	Fertilizer Feed Wheels	42
Mechanical Power Lift	8	Furrow Openers	42-44
Double Disk Opener	9	Caster Wheel	45
Hoe Opener	10	Press Wheel Spacers	46-47
Down Pressure	11	STORAGE	48-49
Drawbar	11	ASSEMBLY	50-61
Press Wheels	12	SPECIFICATIONS	62-64
Grain Seeding System	13-18		
Checking feeds	13		
Setting shifter	13		
Using mixtures	13		
Feed cups	14		
Slow speed drive	15		
Seed charts	15-18		
Grass Seeding System	19-23		
Checking feeds	19		
Setting shifter	19		
Using mixtures	19		
Seed charts	20-23		
Fertilizer System	24-27		
Box partition	24		
Feed shaft speed	24		
Drive settings	25		
Checking feeds	25		
Fertilizer charts	26		
Cleaning Box	27		
Checking Quantities Drilled	28		
Importance of Checking Quantities	29		



Safety



N35538

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.

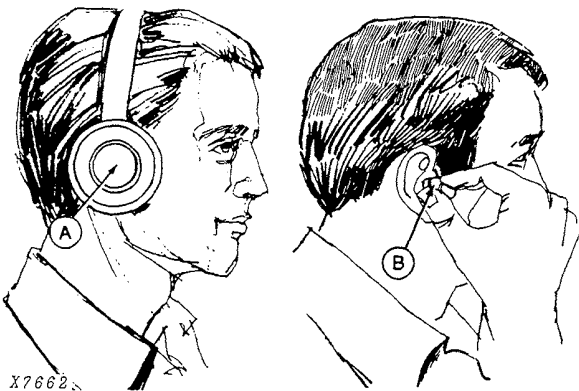
DO NOT operate close to a ditch or creek.

Slow down when turning.

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® protective frame and cab, and seat belt, be sure to keep your seat belt fastened when operating or transporting the grain drill.



X7662

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.

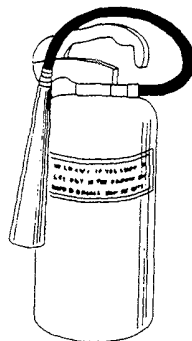
A—Earmuffs
B—Earplugs

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.



N35540

9000 SERIES GRAIN DRILLS

PREDELIVERY CHECK LIST

After the grain 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 36-37.
2. Check oil level in gear case, page 37.
3. Check grain, fertilizer, and grass seed feed shafts to see that they revolve freely.
4. Make sure all grain feed gates are set in identical positions.
5. 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.
6. Raise and lower furrow openers and see that countershaft clutch engages and disengages properly.
7. This grain 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 to observe when using the drill.

4. When the grain 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 governmental 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 grain drill. Make certain the proper operating adjustments are understood.
- If possible, operate the grain 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 grain 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 _____

Transport Safely

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

Always raise the jack stand before transporting.

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

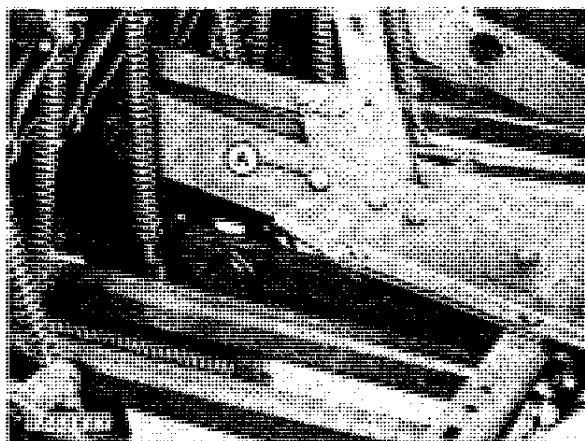
DO NOT transport unless the grain drill reflectors and tractor SMV emblem are easily visible from the rear.

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. Check local governmental regulations. Various safety lights and devices are available from your John Deere dealer.

Stop slowly.

Know the transport height and width of your drill, especially if transporting with multiple hitches and/or row markers.

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



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.

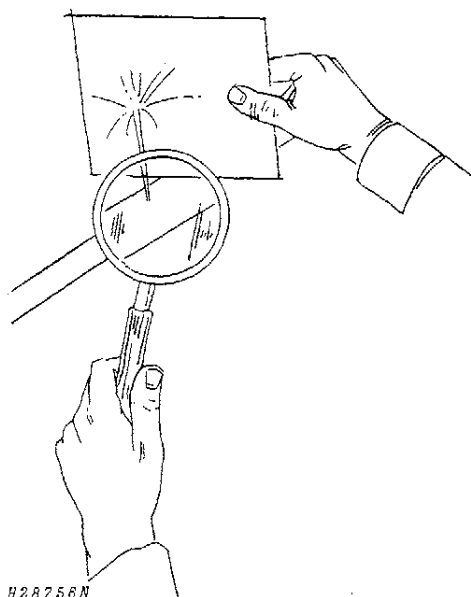
When cleaning with diesel fuel, do not allow the fuel to come in contact with rubber tubes.

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.

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, pipes and hoses are not damaged.

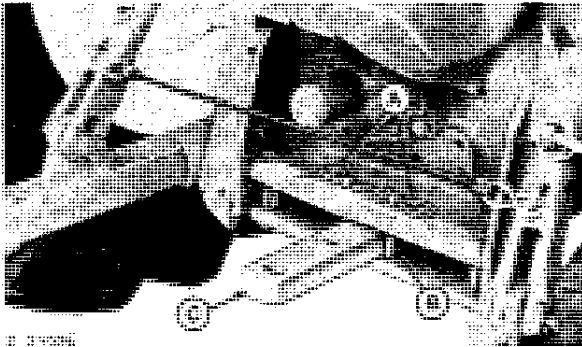
Fluid escaping from a very small hole can be almost invisible. Use a piece of cardboard or wood, rather than hands, to search for suspected leaks.

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





Preparing The Tractor

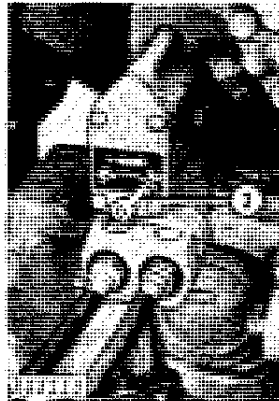


1. Lock the drawbar in the center with locking pins (B) and QUIK-TATCH™ pins (A).
2. Secure or remove the lift links.



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

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



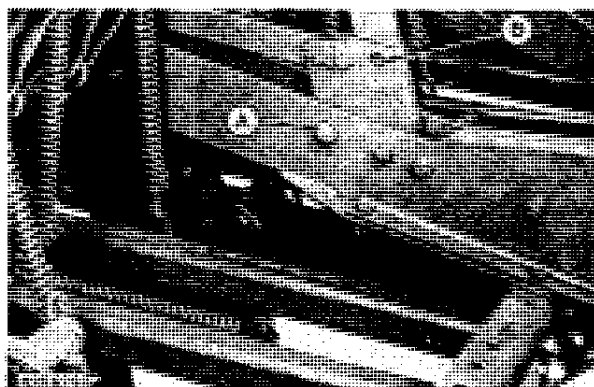
3. If drill is equipped with hydraulic lift, turn the tractor metering valve clockwise to the "fast" position.
4. If equipped with row markers and selector control, install switch (instructions in bundle).



Preparing the 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.



A—Transport Position
B—Field Position

IMPORTANT: Remove pin from transport position (A) and place in operating position (B) for field operation. Never install pins in locations (A) and (B) at same time.

2. Check for correct tire air pressure as shown.

IMPORTANT: Incorrect air pressure affects seeding rates.

TIRE AIR PRESSURES

Caster wheel Tire(s)	— 26-30 psi (179-206 kPa)
	(1.8-2.1 bar).
Press wheel Tires	— 18-20 psi (126-140 kPa)
	(1.26-1.4 bar).

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