

535 and 550 Pull-Type Sprayers

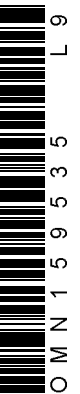


OPERATORS MANUAL 535 and 550 Pull-Type Sprayers

OMN159535 L9 English

John Deere Des Moines Works
OMN159535 L9

LITHO IN 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 sprayer will travel when in use.

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

Record your sprayer serial number in the space provided on page 61. Your dealer needs this information to give you prompt, efficient service when you order parts or attachments.

535 AND 550 PULL-TYPE SPRAYERS

OWNER REGISTER

Name

Post Office

County.....State

Date Sold

PREDELIVERY CHECK LIST

After the sprayer has been completely assembled, inspect to be sure it is ready to operate before delivering it 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 has been made.

- ☐ Check nozzle tips to see that fan spray is angled 5° from parallel with boom.
- ☐ Inspect to be sure that all hose clamps and hose couplings have been tightened.

(Date Set Up)

(Signature of Set Up Man)

DELIVERY CHECK LIST

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

- ☐ Because some chemicals are quick to cause metal to corrode, advise the customer to oil pump and thoroughly flush tank, booms, pump and controls after each day's use with clear water.
- ☐ Explain to the customer the importance of proper handling of chemicals.
- ☐ Advise the customer that the life expectancy of this or any other machine is dependent on the maintenance and care as directed in operator's manual.
- ☐ Give the operator's manual to the customer and explain all operating adjustments and safety precautions to him.
- ☐ When the sprayer 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.

(Date Delivered)

(Signature of Delivery Man)

AFTER-SALE CHECK LIST

The following is a suggested list of items to be check at a dealer-customer mutually agreeable time during the first operating season.

- ☐ Check with the customer as to the performance of the sprayer. Make certain he understands the proper operating adjustments for his crop.
- ☐ If possible, operate the sprayer to see that it is functioning properly.
- ☐ Acquaint the customer with any special attachment which will help him do a better job.
- ☐ Go over entire sprayer for loose or missing bolts.

- ☐ Check for broken or damaged parts.
- ☐ Check to see that all safety shields are in place.
- ☐ Check with the customer to ascertain 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.

Date _____

Signed _____



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Safety

Operate Safely

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

DO NOT operate sprayer with more than one person—the operator—on the tractor.

DO NOT operate sprayer with anyone on sprayer.

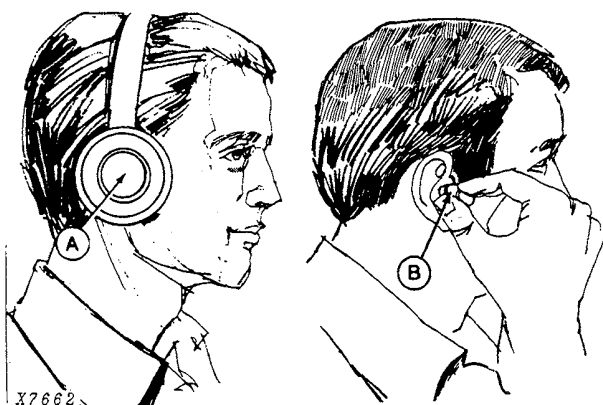
DO NOT operate close to a ditch or creek.

Slow down when turning.

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.

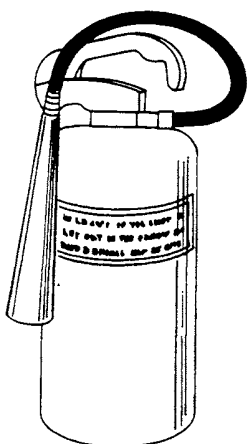


A—Earmuffs
B—Earplugs

Avoid Fires

DO NOT refuel with tractor engine running.

DO NOT smoke or use a lantern when refueling.



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Transport Safely

DO NOT transport without folding the booms.

When transporting the sprayer 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.

DO NOT fail to latch the brakes together.

Keep the SMV emblem and reflectors clean and in place.

Avoid Contact With Moving Parts

Shut off tractor engine and remove key before adjusting sprayer.

Keep hands, feet, and clothing away from moving parts.

Practice Safe Maintenance

DO NOT lubricate or adjust sprayer when it is in motion.

Shut off engine and remove key when working on stripper unless specifically told to leave engine running.

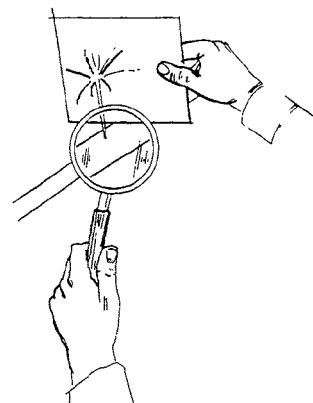
Replace any guards and shields removed for servicing.

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.



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Handle Chemicals Wisely

Use the Chemical Transfer Pump, if available, to fill the sprayer tank.

Select an area to fill, flush, calibrate and decontaminate sprayer where pesticides will not drift or run off to contaminate people, animals, vegetation, water supply, etc. Locate area to provide absolutely no opportunity for children to contact pesticides.

If spray material comes in contact with the body, wash off **IMMEDIATELY** with clean water and detergent.

In event of nozzle clogging or other system malfunctions, shut down sprayer and release pressure from system.

Never place nozzle tips or other parts to lips to blow out trash. Have spare tips available for replacement.

To minimize spray drift hazards:

- Use large nozzle tips operated at lower pressures.
- Do not operate sprayer at pressures over 50 psi (3.5 bar)
- Do not spray when winds exceed 10 mph (16 km/h).

Wash spray residue from outside of sprayer to prevent corrosion.

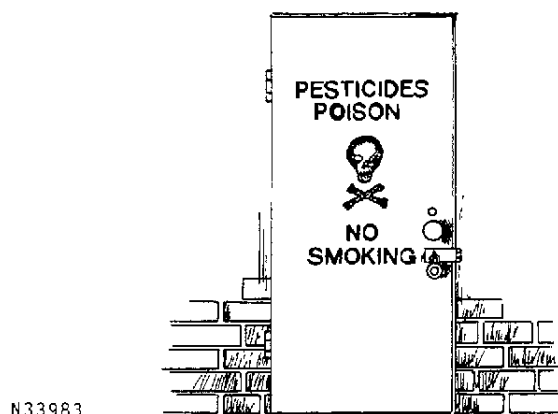
Properly dispose of unused pesticide and flushing solutions.

Equipment used in mixing, transferring, and applying pesticide must be decontaminated afterward.

If tractor is equipped with cab, the air filter in the cab **WILL NOT** filter out harmful chemicals. Follow the instructions given by the chemical manufacturer.

Store pesticides in a separate, plainly marked, **LOCKED** building.

Store pesticides in original containers with labels intact.



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Preparing Tractor

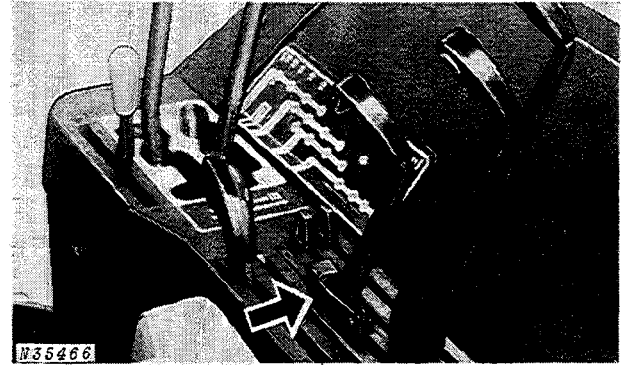
1. Install lever locks (bold arrow) on tractor console as follows:

Squeeze clip together slightly.

Insert clip in quadrant slot just behind the float lockup strap.

Raise stop slightly and slide clip forward into position.

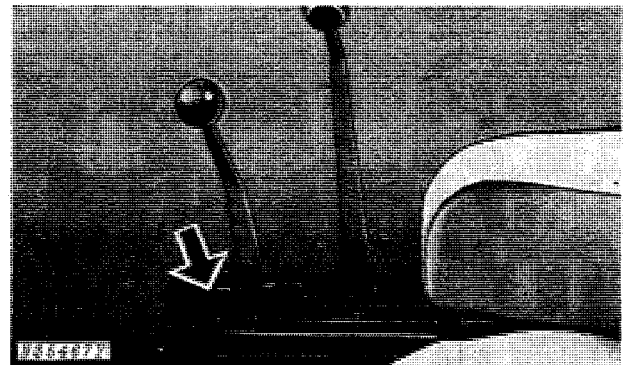
Push stop down to lock clip in place.



4030, 4230, 4430, and 4630 Tractors

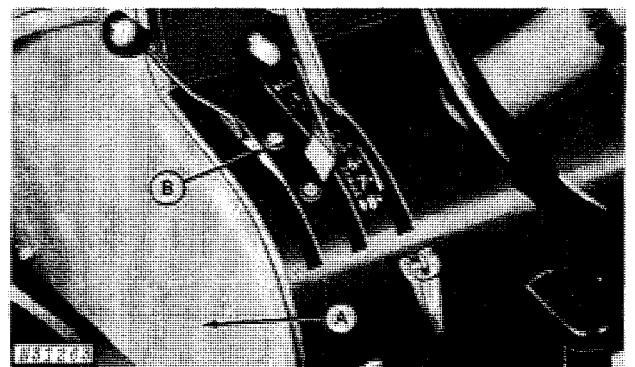
Drill a 5/16-inch hole centered 1-27/64-inch from the front end of No. 1 selective control lever to slot.

Insert front hook of clip into hole in console, then push rear tab down into front of slot in console.



Tractors Except 4030, 4230, 4430, and 4630

Remove side cowl (B) and install lever lock (A).

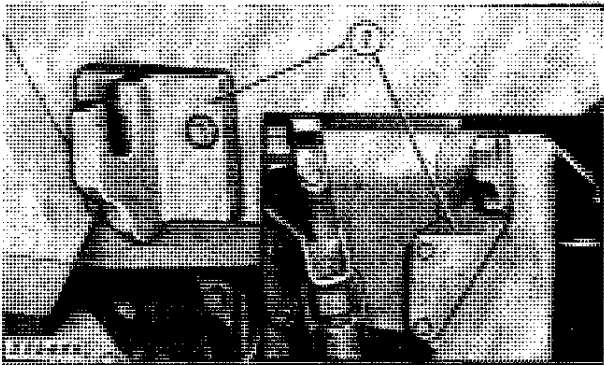


A—Lever Lock
B—Cowl

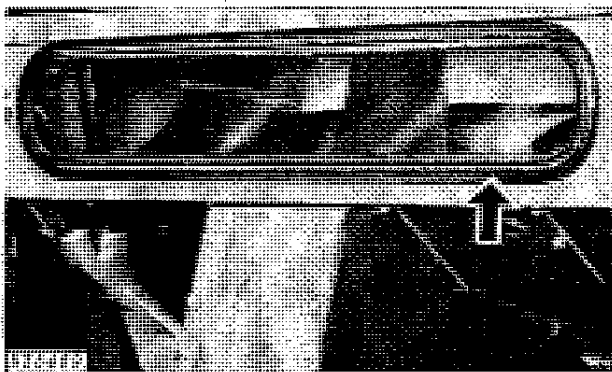
Lever Lock Mounted on Dash

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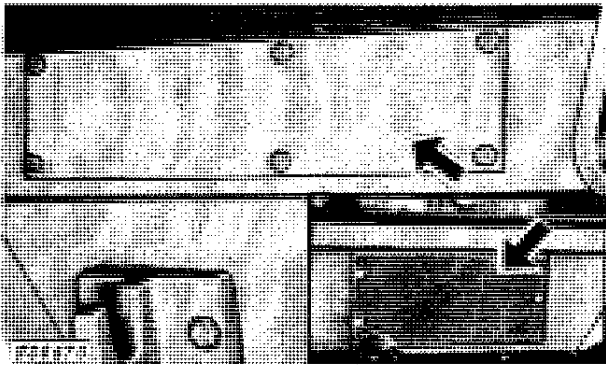
6 Preparing the Tractor



2. If mounting sprayer controls on tractor, or in cab, remove right-hand remote cylinder transport arm.



3. Remove cab rear window or filler plate as follows:
(Roll-Gard® Cab-Stolper) Remove seal bead (bold arrow) with screw driver on bead tool.
Remove window glass. Do not remove seal.
Store glass for later installation.



(Sound-Gard® Body or Roll-Gard Cab) Remove cover (bold arrow).

4. Place drawbar in down position and 14-inches (356 mm) from end of PTO shaft to outer end of drawbar.
See tractor operator's manual.

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