

# 283 COTTON STRIPPER



## OPERATORS MANUAL 283 COTTON STRIPPER

OMN159493 D1    English

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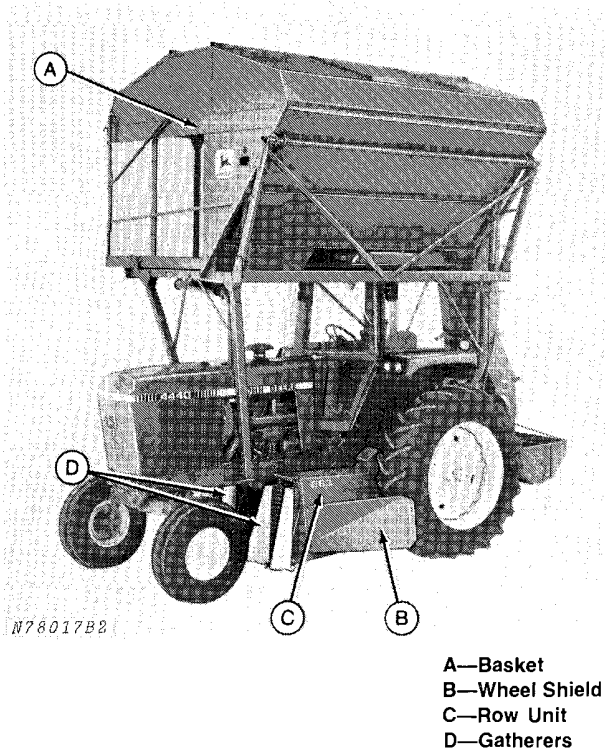
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# Introduction



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 stripper will travel when in use.

The warranty on this cotton harvester appears on your copy of the purchase order which you should have received from your dealer when making your purchases. This warranty provides you the assurance that John Deere will back its products where defects appear within the warranty period. (In some circumstances, John Deere also provides field improvements, often without charge to the customer, even if the product is out of warranty.)

Warranty is a part of John Deere's product support program for customers who operate and maintain their equipment as described in this manual. Should the equipment be abused, or modified to change its performance beyond the original factory specifications, the warranty will become void. Setting fuel delivery above specifications or otherwise overpowering machines will result in such action.

Record your stripper model and serial numbers on page 73.

# 283 COTTON STRIPPER

## PREDELIVERY CHECK LIST

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

- ☐ Entire stripper has been lubricated.
- ☐ Tractor tires are inflated properly.
- ☐ Wheel shields do not contact tires.
- ☐ Automatic height control works easily.
- ☐ Gatherers pivot freely.

Start the tractor engine and run the stripper at slow speed for 10 minutes. Stop engine and check the items below.

- ☐ Make sure none of the belts has turned over.
- ☐ Check for heated bearings or slip clutches, adjust if necessary.
- ☐ Any parts scratched in shipment are touched up with paint.
- ☐ Stripper has been checked and to the best of my knowledge is ready for delivery to customer.

Signed \_\_\_\_\_

Date \_\_\_\_\_

## DELIVERY CHECK LIST

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

- ☐ Advise the customer that the stripper should be lubricated as directed in the operator's manual.
- ☐ Give the operator's manual to the customer and explain all operating adjustments to him.
- ☐ Tell the customer of safety precautions to observe when using this cotton stripper.
- ☐ When the stripper 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 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 cotton stripper. Make certain the proper operating adjustments have been made.
- ☐ If possible, operate the cotton stripper to see that it is functioning properly.
- ☐ Go over entire cotton stripper for loose or missing bolts.
- ☐ Check for broken or damaged parts.
- ☐ Check that all safety shields are in place.
- ☐ Ask the customer if the recommended periodic lubrication has been done.
- ☐ Review the operator's manual with the customer and stress the importance of proper lubrication and safety precautions.

Signed \_\_\_\_\_

Date \_\_\_\_\_

## OWNER REGISTER

Name \_\_\_\_\_

R. R. No. \_\_\_\_\_

City or Town \_\_\_\_\_

State \_\_\_\_\_ Zip \_\_\_\_\_

Stripper Serial No. \_\_\_\_\_

Date Purchased \_\_\_\_\_



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# Safety

## Operate Safely

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

DO NOT operate stripper with more than one person on the platform.

DO NOT start engine with gears or levers engaged.

Come to a complete stop before reversing direction.

DO NOT operate close to a ditch or creek.

Slow down when turning.

Drive slowly over rough ground.

DO NOT dump on a slope or grade.

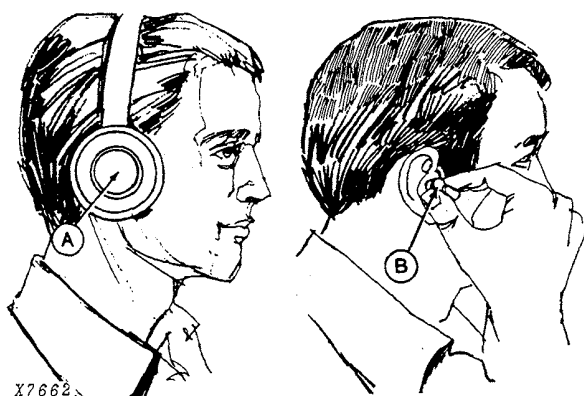
DO NOT dump when someone is near stripper.

DO NOT drive the stripper with the basket raised.

## 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 operate the stripper without a fire extinguisher near by. The recommended extinguisher, AT62018, is a six pound (2.7 kg) unit, rated 2A40BC. The optional metal bracket is also recommended for mounting at the location shown.

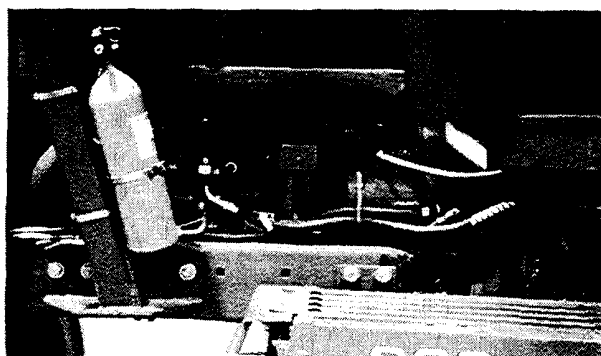
DO NOT dump basket near electrical wires.

DO NOT dump into the wind. Wind could blow lint onto a hot engine.

DO NOT refuel with the engine running.

DO NOT smoke or use a lantern when refueling.

Keep the engine and units free from trash.



## Transport Safely

DO NOT transport without first raising the units.

When driving the cotton stripper 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.

Stop slowly to avoid "nose-diving."

Keep the SMV emblem and reflectors clean and in place.

## Avoid Contact With Moving Parts

Shut off engine and remove key before working on stripper.

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

## Practice Safe Maintenance

DO NOT oil or adjust stripper when it is in motion.

Block units when working under them.

DO NOT check the water level in a hot radiator.

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

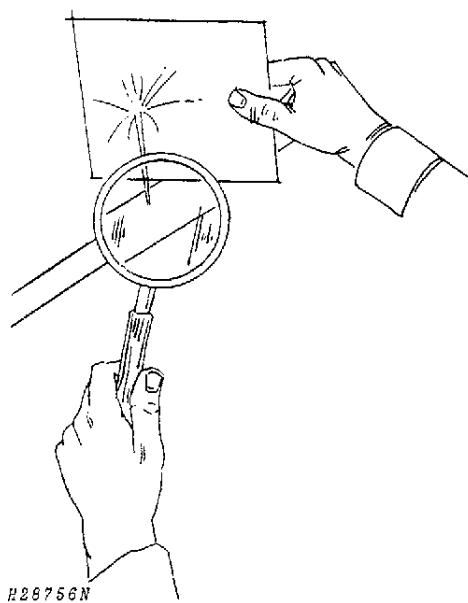
Replace any guards and shields removed for servicing.

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.



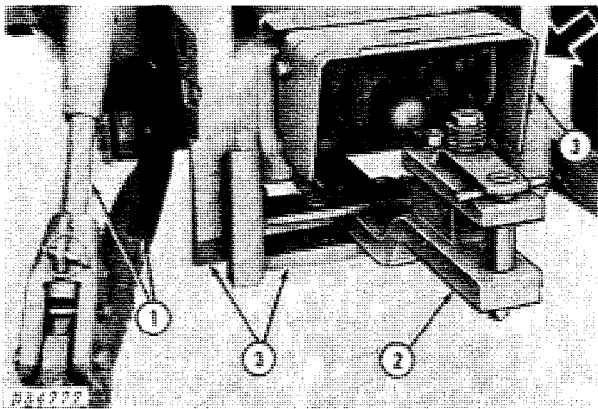


# Preparing Tractor

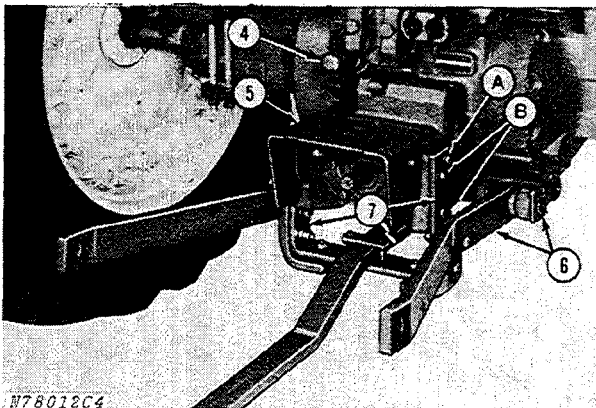
## SERVICING

Lubricate and service the tractor thoroughly before attaching the cotton stripper. See tractor operator's manual. Check the tractor clutch, brakes, oil pressure, hydraulic system, steering system, cooling system, and PTO clutch, and battery. If the tractor transmission-hydraulic system filters are about due to be serviced, do it before attaching the cotton stripper to the tractor.

## PREPARING



1. Remove tractor three-point hitch draft links and center link.
2. Remove tractor drawbar.
3. Remove tractor drawbar support and sway blocks.



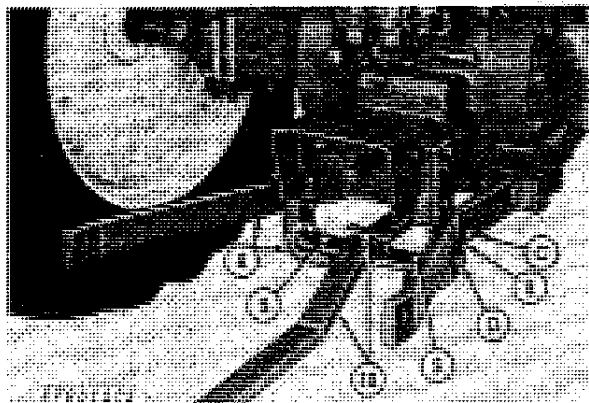
4. Remove PTO guard and place it on the guard retainer. Install 1000 rpm PTO shaft if not already installed.
5. Remove master shield from tractor, except John Deere 4040, 4240, and 4440.
6. Attach front of cross auger supports with tractor lift link pins.
7. Loosely attach drawbar support.

A—1/2 x 3-inch cap screws  
B—5/8 x 3-inch cap screws

8. Loosely attach cross auger supports.

C—5/8 x 3-3/4-inch cap screws  
D—5/8 x 3-inch cap screws

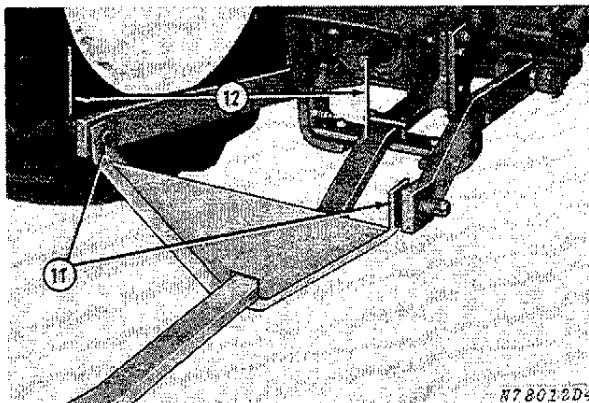
9. Install 5/8 x 3-inch cap screws with flat washer on bottom and stop nut on top.
10. Install special long drawbar (if equipped) under tractor with parts used to attach tractor drawbar. Clamp drawbar to support with cap and two 1/2 x 3-inch cap screws.



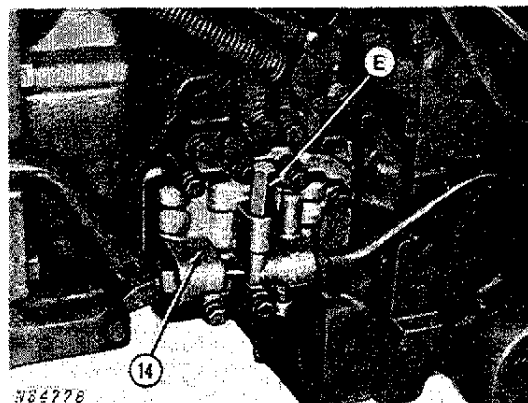
11. Install support for special drawbar with pins.
12. Set the tractor rear wheels 33-inches (838 mm) from the center of tractor to the inside sidewall of the tractor tires. Tractor operator's manual contains instructions for adjusting wheel tread.

**IMPORTANT:** A wider spacing is necessary when radial tires are used. Adjust the left-hand cross auger shield and wheel shield if necessary.

13. (Not shown) A minimum of 600 pounds (272 kg) ballast is required for each rear wheel.



14. Install AR34850 valve housing on 3020 Power-Shift Tractors, Serial No. 68000 to 109409 or 4020 Power Shift Tractors, Serial No. 91000 to 166327 not equipped with an aluminum pressure regulating valve housing. The manual bypass valve cap (E) is in a vertical position on the correct housing. Refer to tractor service manual for valve adjustment.



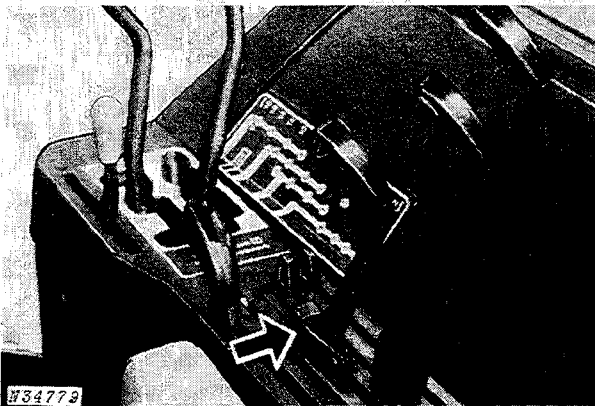
E—Manual Bypass Valve Cap

**IMPORTANT:** Tighten all mounting bolts to torque specification shown on page 71.

Continued on next page.



## 6 Preparing Tractor



4030, 4040, 4230, 4240, 4430, and 4440 Tractors

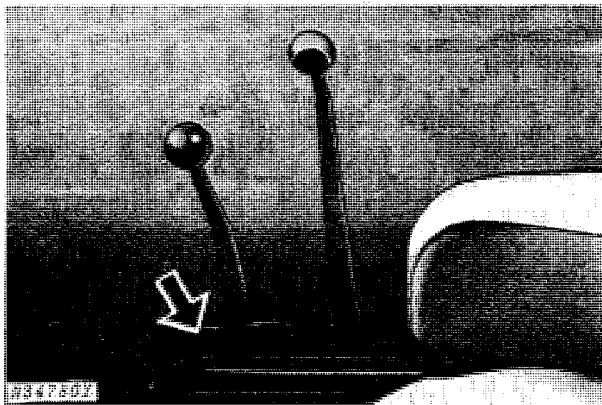
15. Install lever lock (bold arrow) on tractor console as follows:

Squeeze clip together slightly.

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

Raise stop slightly and slide the clip forward into position.

Push the stop down to lock clip in place.



3020 (Serial No. 12300 and above), 4020 (Serial No. 201000 and above) and 4320 Tractors

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

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



3020 (Serial No. 12299 and below) and 4020 (Serial No. 200999 and below) Tractors

Drill a 9/32-inch hole, 5/8-inch (16 mm) (A) down from end of slot and centered with slot.

Install lever lock with 5/16-inch self-tapping screw.

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