

STRAW SPREADER FOR 3300 AND 4400 COMBINES



OPERATORS MANUAL STRAW SPREADER FOR 3300 AND 4400 COMBINES

OMH85222 (01OCT72) English

OMH85222 (01OCT72)

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ENGLISH





To the Purchaser

This new straw spreader was carefully designed and manufactured to give years of dependable service. To keep it running efficiently, read the instructions in this operator's manual. Each section is clearly identified so you can easily find the information you need—whether it is operation, or service. Read the Table of Contents to learn where each section is located.



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.

Study this manual carefully, keep it handy with your regular combine operator's manual, in a safe place, for future reference.

If you find that you require information not covered in this manual, see your John Dealer. He will answer any questions regarding the operation and service of the straw spreader. He has trained mechanics who

are kept informed on the best method of John Deere servicing and can give you prompt know-how service in the field or in his shop.

Should your straw spreader require replacement parts, see your John Deere dealer where you will receive John Deere parts—accept no substitutes. John Deere parts fit properly and insure satisfactory service because they are made from original patterns and from the same material as the new machines.

“Right-hand” and “left-hand” sides are determined by facing in the direction the combine will travel when in use.

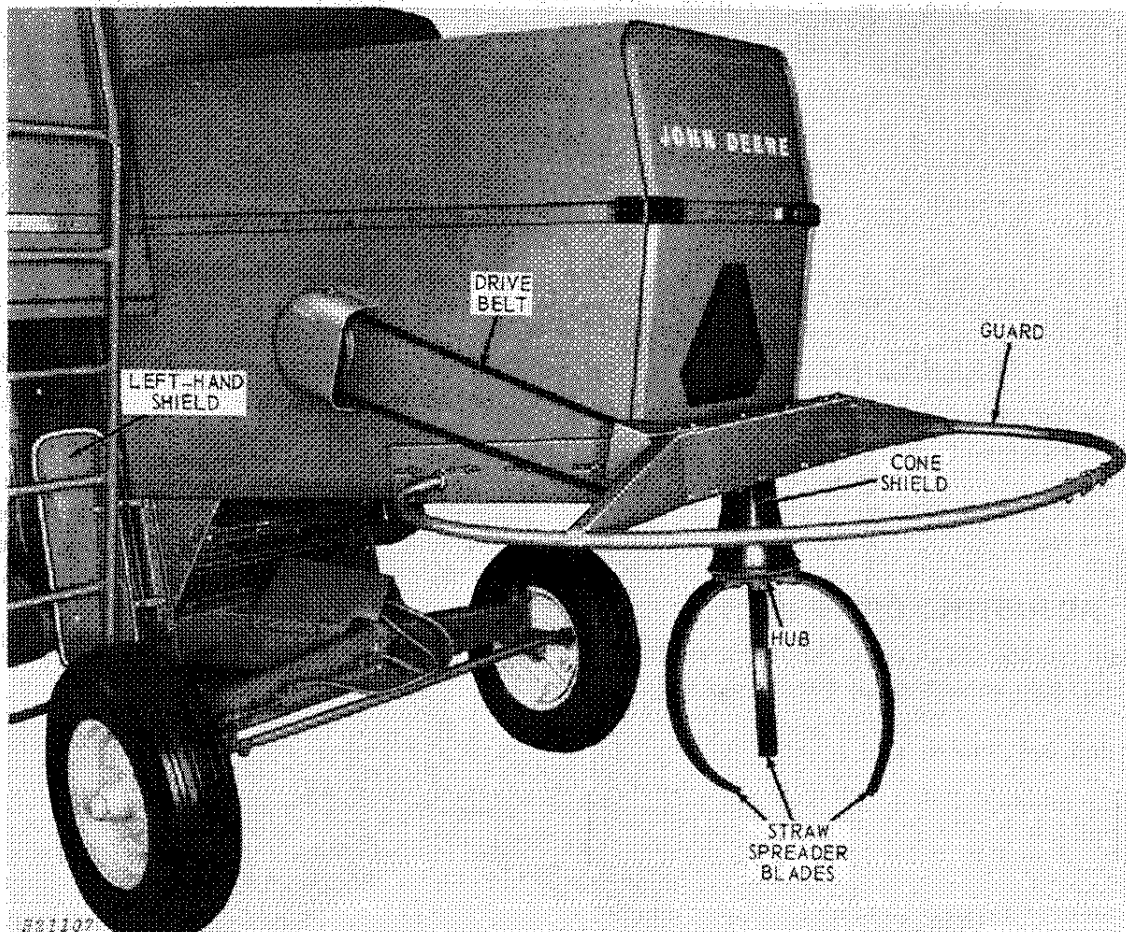
The warranty on this straw spreader appears on your copy of the purchase order which you should have received from your dealer when you purchased the straw spreader.

Record the date purchased in the space provided on page 8. Your dealer needs this information to give you prompt, efficient service when you order parts.



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Straw Spreader on John Deere 3300 Combine

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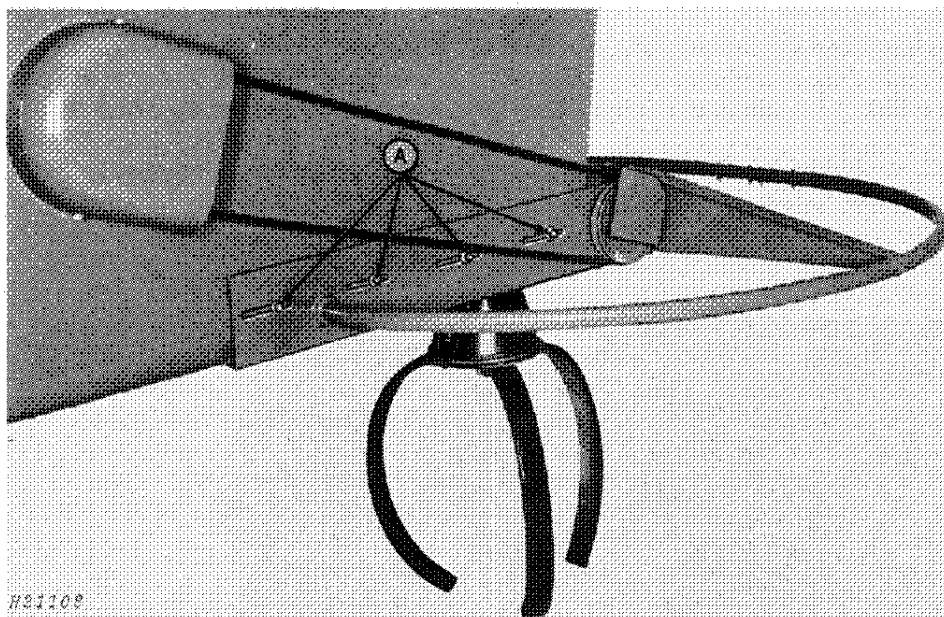
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Operation



SPREADING

The straw spreader spreads the straw in an even layer over a wide area behind the combine.

When windrowing the straw, remove the drive belt, hub, and blades.

ADJUSTING DRIVE BELT

For even distribution of straw, keep the drive belt adjusted just tight enough to run without slipping.

To tighten belt, loosen cap screws "A," on both

sides and pull spreader rearward. After adjusting both sides evenly, tighten cap screws.

STORAGE

Remove drive belt and wash with water and detergent soap. Store belt in a cool, clean, dry place where it will not be subject to damage.

Protect drive shaft and all sheet metal parts from rust by using paint or grease.



Safety Suggestions

 Study these suggestions carefully and insist that they be followed by those working with you and for you.

Don't allow anyone to stand near the straw spreader while it is running.

All machinery should be operated only by responsible persons who have been delegated to do so.

Never clean or adjust the straw spreader when it is running.

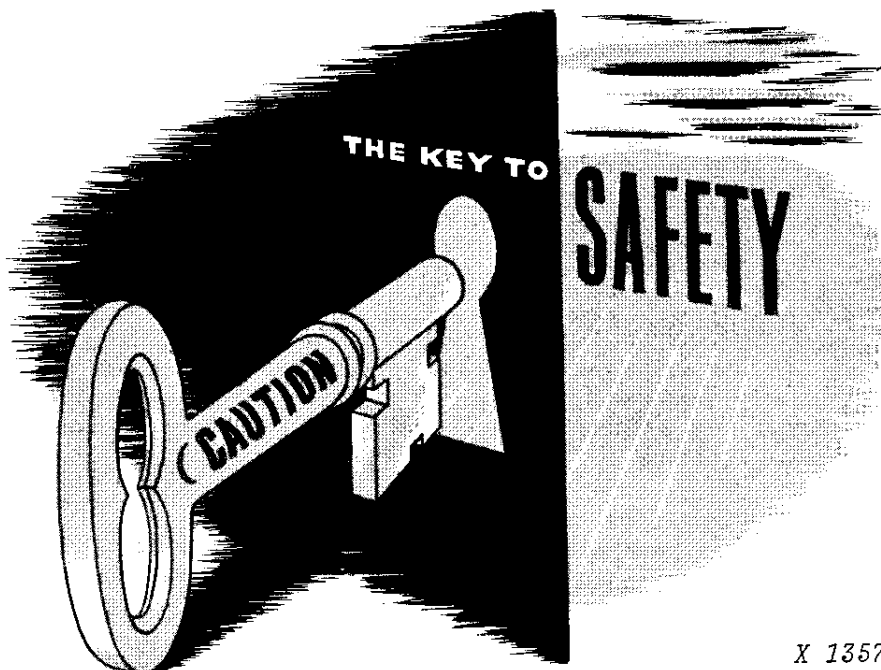
Clothing worn by the operator should be fairly tight and belted. Loose jackets, shirts, or sleeves should never be worn because of the danger of getting into moving parts.

Make certain everyone is clear of the combine before starting the combine engine so no one can be struck by moving parts.

Always disengage drive and shut off the combine engine before working on straw spreader.

Be certain shields and guards are in place and in good condition before starting in the field.

Provide a first-aid kit for use in case of accident, and use proper antiseptics on scratches, cuts, etc., without delay, to prevent the possibility of infection.



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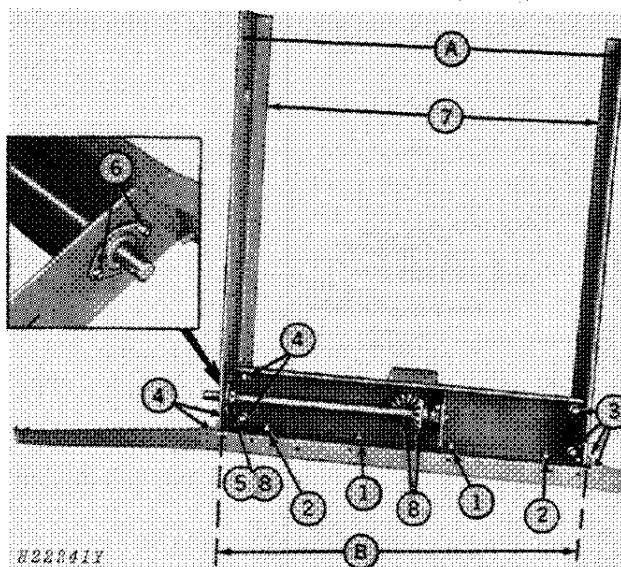


Assembly

SHIPPING BUNDLES

Bundle No.	Description
AH83850	Support Frame for 3300 Combine
BH75569	Straw Spreader for 3300 Combine
BH75167	Guard for 3300 Combine
AH83851	Support Frame for 4400 Combine
BH75570	Straw Spreader for 4400 Combine
BH75168	Guard for 4400 Combine

ASSEMBLING STRAW SPREADER



1. Attach center support to bevel gear support with two 3/8 x 3/4-inch cap screws, lock washers, and nuts. Do not tighten cap screws at this time.

2. Slide right-hand support in behind the center support and bevel gear support. Align the three holes and fasten with one 3/8 x 3/4-inch cap screw, lock washer, and nut. Do not tighten cap screw at this time. Repeat this step with left-hand support.

3. Bolt right-hand bracket to bevel gear support and main support with four 3/8 x 3/4-inch cap screws and 3/8-inch nuts. Do not tighten cap screws at this time.

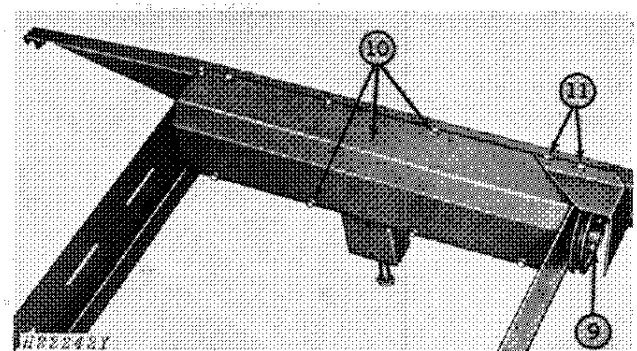
4. Bolt left-hand bracket to bevel gear support and main support with four 3/8 x 3/4-inch cap screws and 3/8-inch nuts. Do not tighten cap screws at this time.

5. Slip locking collar onto shaft.

6. Place bearing in retainers and attach retainers on outside of left-hand bracket with two 5/16 x 3/4-inch carriage bolts and 5/16-inch nuts.

7. Be sure that the dimensions between the left-hand bracket and right-hand bracket are the same at "A" and "B." Tighten hardware installed in steps 1, 2, and 3.

8. Make sure gears turn freely and do not bind. Turn locking collar clockwise and lock set screw.



9. Slide sheave onto shaft with hub to the outside and secure with a 5/16 x 2-inch cap screw and 5/16-inch locking nut.

10. Install cover with eight 5/16 x 1/2-inch self-tapping screws.

11. Attach shield with two 5/16 x 3/4-inch self-tapping screws.

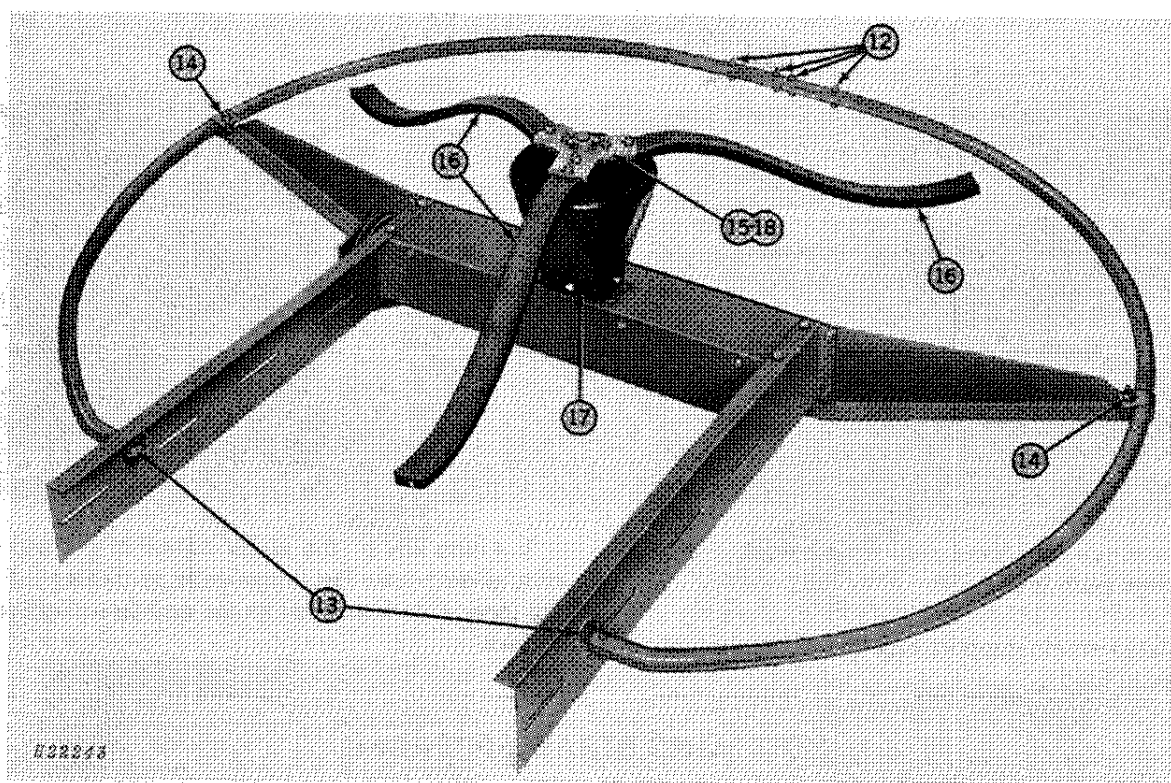


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12. Assemble guard, using connections and four $\frac{1}{4}$ x $1\frac{3}{4}$ -inch truss head machine screws and $\frac{1}{4}$ -inch nuts.

13. Attach guard to left-hand and right-hand brackets with $\frac{1}{2}$ x 1-inch cap screws and $\frac{17}{32}$ x $1\frac{1}{4}$ x .105-inch flat washers.

14. Bolt guard to main support with two $\frac{5}{16}$ x 2-inch truss head machine screws, lock washers, nuts, and two $\frac{11}{32}$ x $\frac{11}{16}$ x .060-inch flat washers.

15. Remove a $\frac{5}{16}$ x 2-inch cap screw and lock nut from hub and shaft and then remove hub from shaft.

16. Attach three rubber blades to hub, using six $\frac{5}{16}$ x $1\frac{1}{2}$ -inch truss head machine screws with $\frac{11}{32}$ x $1\frac{3}{8}$ x .120-inch flat washers (heads and washers against rubber blade), lock washers, and nuts. Be sure curvature of blades is facing down when straw spreader is installed on combine.

17. Install shield with three $\frac{5}{16}$ x $\frac{9}{16}$ -inch self-tapping screws.

18. Reinstall hub onto shaft.

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