

# Hydraulic Lift Reel and Hydrostatic Drive Reel Attachments



## OPERATORS MANUAL

Hydraulic Lift Reel and Hydrostatic  
Drive Reel Attachments

OMH85572 J2 English

John Deere Harvester Works  
OMH85572 J2


LITHO IN U.S.A.  
ENGLISH





## To the Purchaser

These new hydraulic lift reel and hydrostatic drive reel attachments were carefully designed and manufactured to give years of dependable service. To keep them 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.

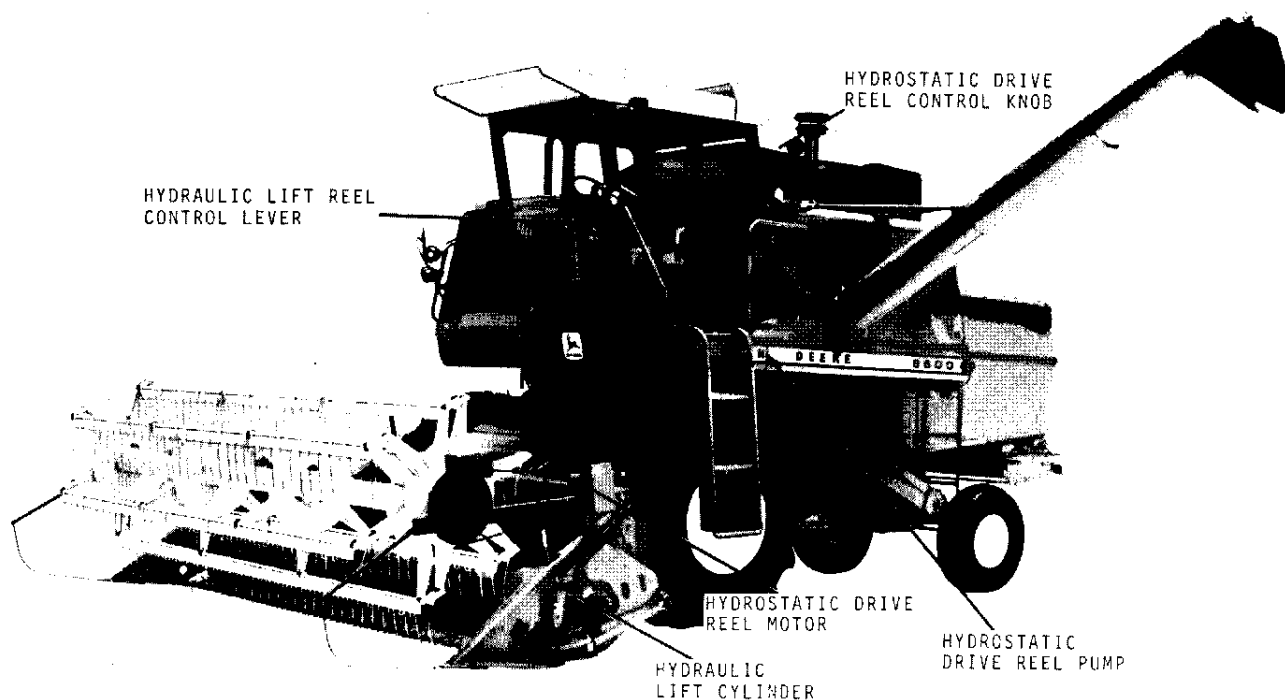
 This safety alert symbol identifies important safety messages in this manual. When you see this symbol, be alert to the possibility of personal injury and carefully read the message that follows.

"Right-hand" and "left-hand" sides are determined

by facing in the direction the combine will travel when in use.

Record the date purchased in the space provided on page 24. Your dealer needs this information to give you prompt, efficient service when you order parts. If your reel attachments require replacement parts, go to your John Deere dealer where you can obtain Genuine John Deere parts—accept no substitutes.

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



H22890

*John Deere 7700 Combine Equipped with Hydraulic Lift Reel  
and Hydrostatic Drive Reel Attachments*



# Contents

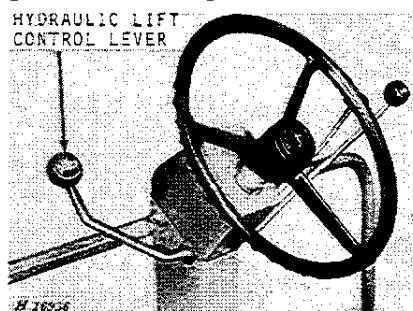
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# Operation

## HYDRAULIC LIFT REEL

### Raising and Lowering

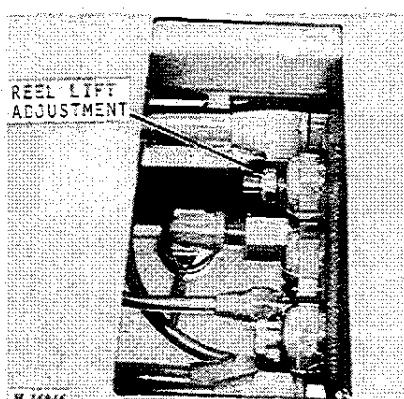


The hydraulic lift reel attachment enables the operator to control the height of the reel from the operator's platform.

The hydraulic lift reel is controlled by a lever on the left-hand side of the steering column.

To raise the reel, move the lever rearward. To lower the reel, move the lever forward. The lever automatically returns to neutral when released.

### Speed of Lowering



*Access Plate in Floorboard Removed*

The control valve, located under the operator's platform, has an adjustment to control speed of reel lowering. A nut located on the valve, can be turned in or out to change spool travel. By turning nut in, lower-

ing speed is decreased; by turning nut out, lowering speed is increased.

### Height Range



The height range of the reel is determined by the location of the bottom of the hydraulic cylinders in the adjusting brackets. Select the range that is right for the crop being harvested. Be certain that both cylinders are adjusted alike or the reel will not be level with the cutter bar.

**IMPORTANT:** When the hydraulic cylinders are completely retracted, be certain that the reel slats or tines (pickup reel) do not strike the cutter bar.

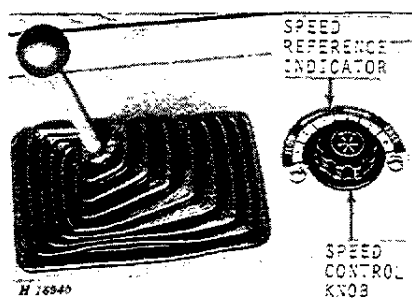
### Leveling

Always keep the reel level with the cutter bar. Be sure both hydraulic cylinders are located in the same hole in each adjusting bracket as explained above.

If, during operation, one end of the reel is lower than the other, raise the reel to its highest position or lower the reel to its lowest position. When both hydraulic cylinders are completely extended or retracted, the reel can then be returned to its original position and it will automatically be level.

If the reel cannot be leveled by extending or retracting the hydraulic cylinders as explained above, air may be trapped in the system. To bleed air from the hydraulic system at the slave cylinder, see page 4.

## HYDROSTATIC DRIVE REEL



The hydrostatic drive reel attachment enables the operator to vary the speed of the reel without leaving the operator's platform.

The reel speed may be changed from 5 rpm to 40 rpm with a pickup reel or from 8 rpm to 64 rpm with a bat reel by turning the control knob on the console.

To increase the reel speed, turn the knob toward FAST. To decrease the reel speed, turn the knob toward SLOW.

Use the reference indicator as a guide to return to the reel speed that was previously found best for a particular crop or field condition.

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