

JOHN DEERE DRAPER PLATFORM FOR 7700 COMBINE

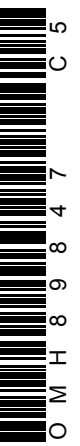


OPERATORS MANUAL JOHN DEERE DRAPER PLATFORM FOR 7700 COMBINE

OMH89847 C5 English

OMH89847 C5

LITHO IN THE U.S.A.
ENGLISH





To the Purchaser

This new draper platform for the 7700 Combine 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, lubrication, or adjustments and service. Read the Table of Contents to learn where each section is located.

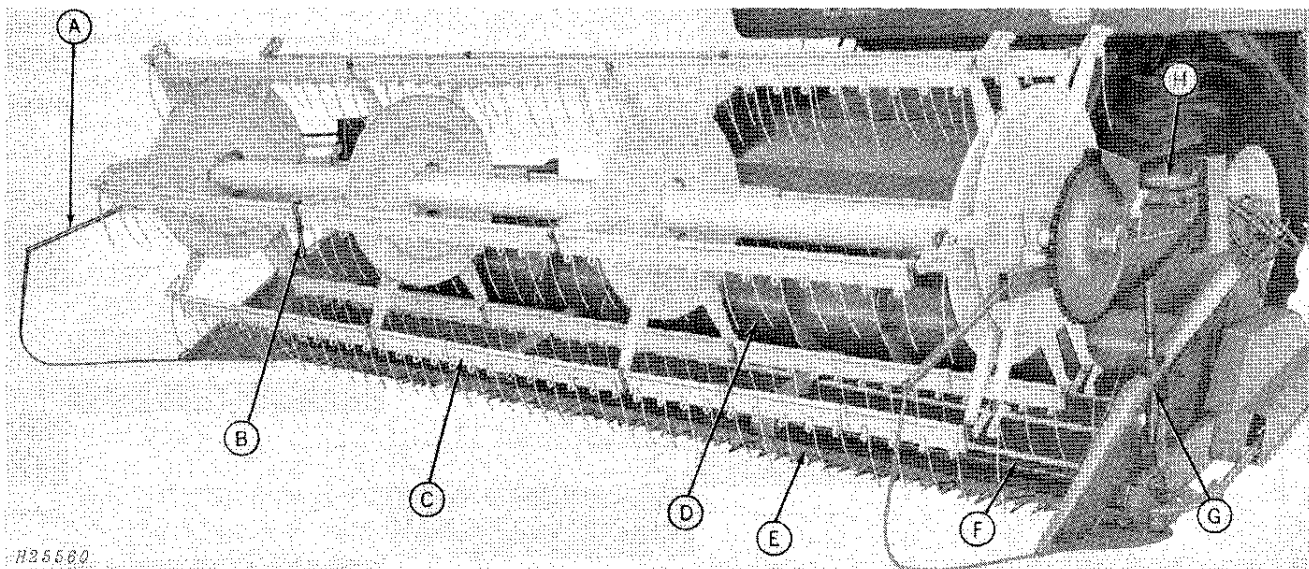


This safety alert symbol identifies important safety messages in this manual. When you see this symbol, be alert to the possibility of personal injury and carefully read the message that follows.

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

Record Platform Serial Number and the date of purchase in the space provided on page 24. Your dealer needs this information to give you prompt, efficient service when you order parts. If your draper platform requires replacement parts, go to your John Deere dealer where you can obtain Genuine John Deere parts—accept no substitutes.

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



1125500

A. Divider Extension
B. Slave Cylinder

C. Pickup Reel
D. Auger

E. Cutterbar
F. Draper

G. Master Cylinder
H. Hydraulic Motor



Contents

	Page		Page
Operation	2,3	Assembly	11-23
Platform Height Control	2	Installing Cutterbar	11
Hydraulic Lift Reel	2	Attaching Knife to Bell Crank	12
Hydrostatic Drive Reel	3	Installing Left-Hand Divider, Shoe, and Reel Support Arm	13,14
Safety Suggestions	3	Installing Right-Hand Divider, Shoe and Reel Support Arm	15,16
Lubrication	4	Installing Drapers	17
Adjustments and Service	5-10	Installing Hydraulic Tubes	18,19
Draper Platform	5	Installing Hydrostatic Motors and Hoses	20,21
Adjusting Drapers	5	Installing Reel	21
Adjusting Platform Auger	6	Installing Knife, Auger, and Draper Drive Shields	22
Adjusting Platform Auger Drive	6	Attaching Draper Platform to Feeder House	23
Adjusting Draper Drive	6	Attaching Connecting Hoses	24
Adjusting Knife Register	7		
Adjusting Control Valve	7	Specifications	Inside Back Cover
Replacing Drapers	8		
Hydraulic Lift Reel	9		
Bleeding the System	9		
Hydrostatic Drive Reel	9		
Forward and Rearward Adjustment	9		
Pitch Adjustment	9		
Tightening Pump Drive Belt	10		
Tightening Reel Drive Chain	10		
Connecting Hoses	10		



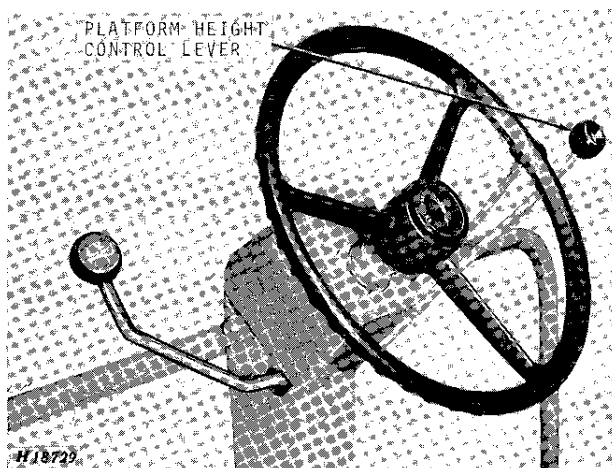
Operation

The basic operation of the draper platform is the same as the regular detachable platform and can be found in the operation section of the combine operator's manual.

The draper platform differs from the regular detachable platform in that three drapers are positioned between the extended cutterbar and platform auger. The drapers provide a greater distance between the cutterbar and platform auger.

With the extended cutterbar and positive feeding by the drapers, tall crops or downed and twisted crops are cut and conveyed evenly by the drapers eliminating bunching and uneven feeding of the crop to the platform auger, feeder conveyor, and threshing cylinder.

PLATFORM HEIGHT CONTROL

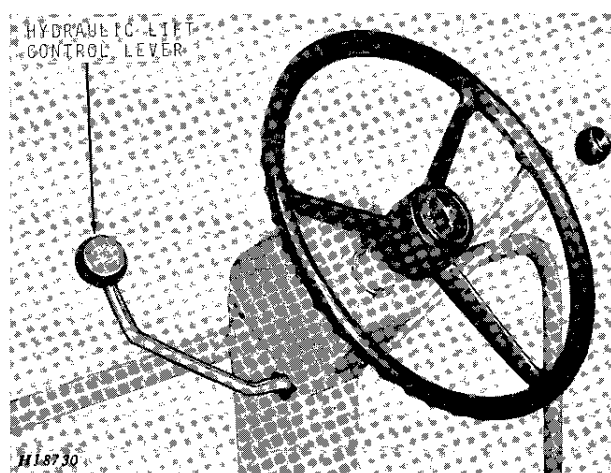


To lower the platform, move the platform height control lever forward.

To raise the platform, move the lever rearward.

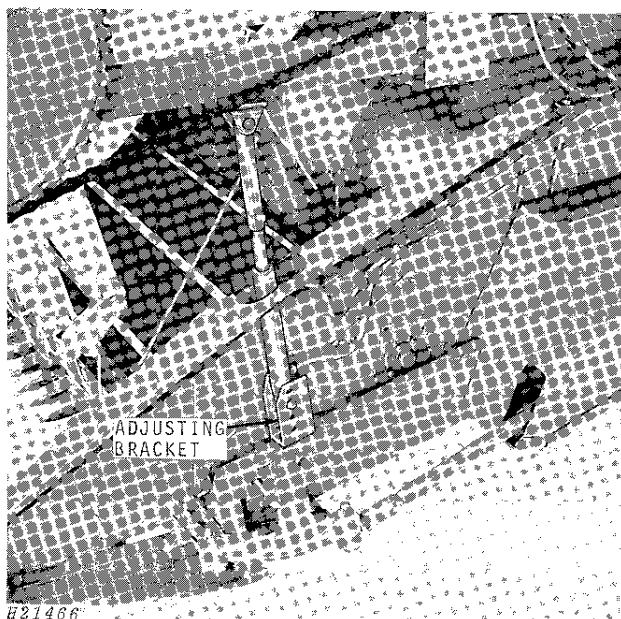
Regulate the speed of platform lowering by turning a cap screw on the control valve (see page 7).

HYDRAULIC LIFT REEL



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

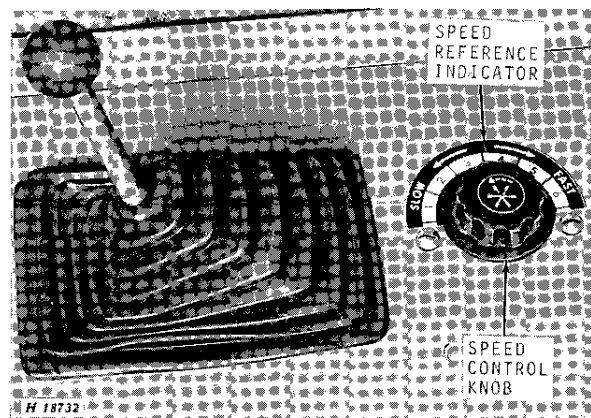
The control valve, located under the operator's platform, has an adjustment to control speed of reel lowering. Regulate the speed of reel lowering by turning a nut on the control valve (see page 7).



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 cutterbar.

IMPORTANT: When the hydraulic cylinders are completely retracted, be certain that the reel tines do not strike the cutterbar.

HYDROSTATIC DRIVE REEL



The reel speed may be changed from 0 rpm to 30 rpm (regular) or 30 rpm to 44 rpm (special) 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.

The reel may be adjusted forward or rearward and also for different pitch. See page 9.

SAFETY SUGGESTIONS



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

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

Never clean, oil, or adjust the draper platform when it is running.

Clothing worn by 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 the draper platform.

Replace badly frayed or worn belts before they break.

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.

Never attempt to clear obstructions off the platform unless the combine is stopped and the combine engine is shut off.

Escaping hydraulic 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 hydraulic fluid, see a doctor at once. Serious infection or reaction can develop if proper medical treatment is not administered immediately.

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