



John Deere

Operator's Manual

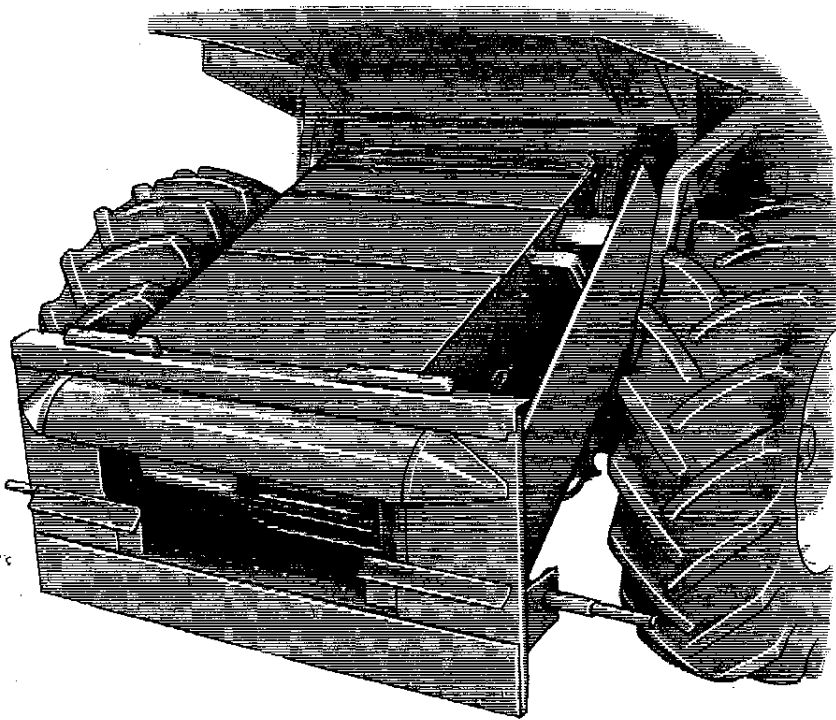
Intermediate Feeder House

OM-H83150

For 45, 55, 95, and 105

Issue J0

Combines






To the Purchaser

This manual contains necessary information about assembling, adjusting, operating, and lubricating your John Deere Intermediate Feeder House. Follow the directions and recommendations in this manual and you will obtain maximum satisfaction from this feeder house.

Study this manual carefully and keep it handy for future reference.

If you find that you require information not covered in this manual, see your John Deere dealer. He will answer any questions regarding the operation and service of the intermediate feeder house. 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.

 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.

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

The intermediate feeder house can be installed on the John Deere 45, 55, 95, and 105 Combines so they can be equipped with Quik-Tatch Platforms and 40 Series Corn Heads.

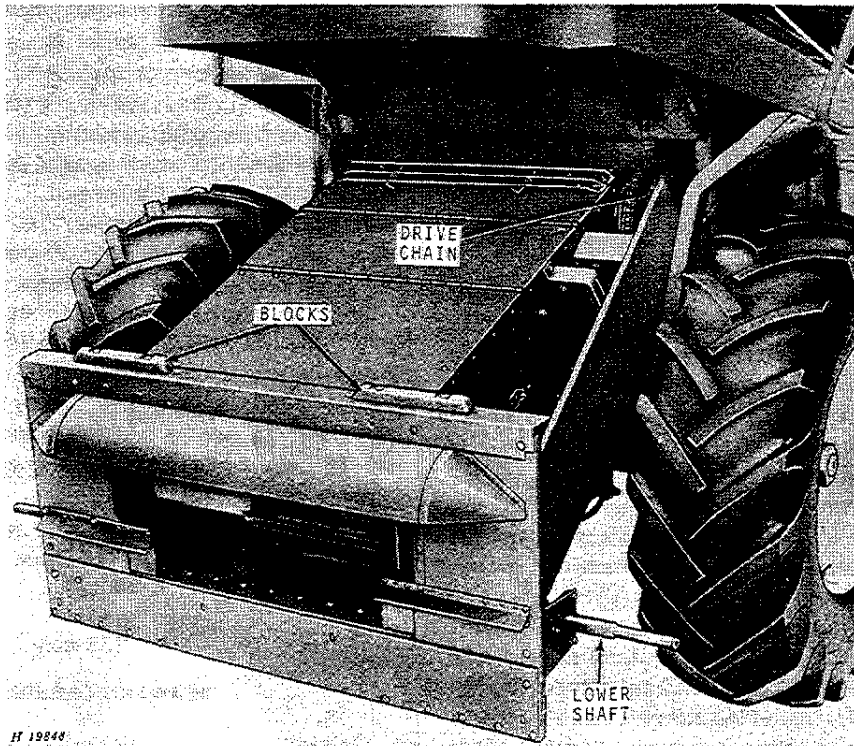
References to the right-hand side and left-hand side are determined by facing in the direction the feeder house will travel when in operation.

Record the serial number and date purchased in the space provided on page 10. Your John Deere dealer needs this information to give you prompt efficient service when you order parts. If you require replacement parts, go to your John Deere dealer where you can obtain Genuine John Deere parts—accept no substitutes.



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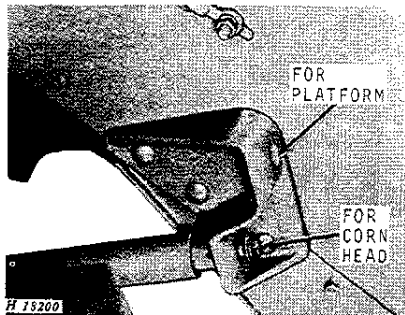
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*John Deere Intermediate Feeder House
Attached to John Deere 95 Combine*

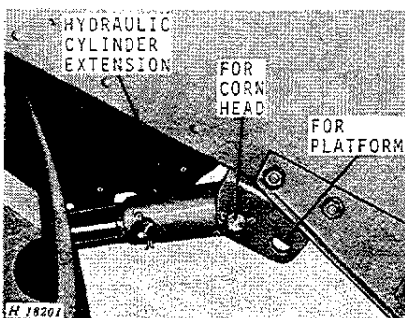


Operation

HYDRAULIC CYLINDER LOCATION



45 Combine



55, 95, and 105 Combines

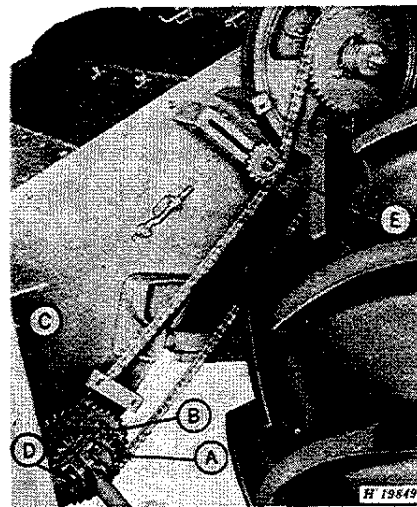
The illustrations above show the hydraulic cylinders attached to the feeder house brackets when using a corn head.

When using a platform, attach the hydraulic cylinders to the feeder house brackets in the platform location shown in the above illustrations. However, the hydraulic cylinders may be attached in the corn head location, but a different cutting height will result as shown in the chart on the next page.

When using a corn head with a 55, 95, or 105 Combine, use hydraulic cylinder extensions. Do not install cylinder extensions in the platform position as the corn head cannot be raised high enough off the ground in this position.

IMPORTANT: When using a corn head with a 55, 95, or 105 Combine equipped with float springs, the hydraulic cylinder extensions will not attach directly to the float springs. Install the extensions between the feeder house attaching brackets and the float springs.

LOWER SHAFT SPEEDS



Shield Removed for Illustrative Purpose

The speed of the feeder house determines the speed of the platform or corn head.

IMPORTANT: To maintain correct platform speeds when combining grain, use only the 24-tooth sprocket on the 45 and 55 Combines, and the 18-tooth sprocket on the 95 and 105 Combines.

If changing from sprocket "A" to "C," it will be necessary to add chain links. If changing from "C" to "A," it will be necessary to remove chain links.

To change sprockets, loosen nut "E" on the tightener sprocket and nut "D" on the sprocket hub. Slide the desired sprocket into position, align with drive and tightener sprockets, install chain, and tighten nut "D." Move tightener sprocket downward until chain will operate without climbing or jumping sprockets. Tighten nut "E."

SPROCKET TEETH AND SPEEDS

45 AND 55 COMBINES		
A	B	C
24 Teeth	29 Teeth	38 Teeth
470 rpm	388 rpm	296 rpm
95 AND 105 COMBINES		
A	B	C
18 Teeth	22 Teeth	29 Teeth
470 rpm	386 rpm	292 rpm

CORN HEAD OR PLATFORM VERTICAL RANGE FROM WHEEL LEVEL

45 COMBINE

Main Wheel Tire Size	Corn Head Height At Skid Shoe	Platform Height At Sickle	Hydraulic Cylinder Location
13.6-26	†—14-1/4" to 28"	†—2" to 31-1/2"	Corn Head
14.9-26	†—13-1/4" to 29"	†—1" to 32-1/4"	Corn Head
16.9-26	†—12-1/2" to 29-3/4"	†—1/4" to 33"	Corn Head
18.4-26 Cleat	†—10-3/4" to 31-1/2"	1-1/2" to 34-3/4"	Corn Head
18.4-26 Cane & Rice	†—10-1/4" to 32"	2" to 35-1/4"	Corn Head
13.6-26		†—5-1/4" to 27-1/2"	Platform
14.9-26		†—4-1/4" to 28-1/2"	Platform
16.9-26		†—3-1/2" to 29-3/4"	Platform
18.4-26 Cleat		†—2" to 31"	Platform
18.4-26 Cane & Rice		†—1-1/4" to 31-1/2"	Platform

55, 95, AND 105 COMBINES

Main Wheel Tire Size	Corn Head Height At Skid Shoe with Hydraulic Cylinder Extension	Platform Height At Sickle—(No Hydraulic Cylinder Extension)	Hydraulic Cylinder Location
* 14.9-26	†—4" to 35-1/4"	†—5" to 32"	Corn Head
16.9-26	†—13-1/4" to 36"	†—4-1/4" to 32-3/4"	Corn Head
18.4-26 Cleat	†—11-1/4" to 37-3/4"	†—2-1/2" to 34-1/2"	Corn Head
18.4-26 Cane & Rice	†—10-3/4" to 38-1/4"	†—2" to 35"	Corn Head
23.1-26 Cleat	†—9-1/4" to 40"	†—1/2" to 36-1/2"	Corn Head
23.1-26 Cane & Rice	†—7-3/4" to 41-1/2"	1/2" to 38-1/2"	Corn Head
† 28.1-26 Cane & Rice	†—8-1/2" to 41"	3/4" to 38"	Corn Head
* 14.9-26		†—8-1/4" to 27-3/4"	Platform
16.9-26		†—7-1/2" to 28-1/2"	Platform
18.4-26 Cleat		†—5-1/2" to 30-1/4"	Platform
18.4-26 Rice		†—5" to 30-3/4"	Platform
23.1-26 Cleat		†—3-1/2" to 32-1/4"	Platform
23.1-26 Rice		§	
‡ 28.1-26 Rice		§	

* Not used on 95 or 105 Combines

† Below Wheel Level

‡ Not used on 55 Combine

§ These Tires will not clear Drive Shaft Coupler Shield

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