

# MODEL Y DISK HARROW



JOHN DEERE

## OPERATORS MANUAL MODEL Y DISK HARROW

OMB25410 C1 English

**OMB25410 C1**

LITHO IN THE U.S.A.  
ENGLISH





## TO THE PURCHASER

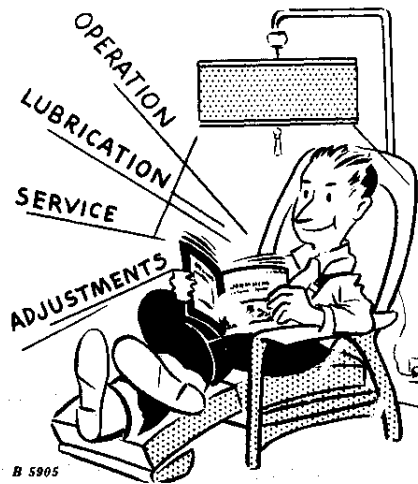
Your new Model Y Disk Harrow is sturdy and dependable. It will give long and efficient service if given proper care and operation.

This operator's manual is provided to furnish information on the proper operation, adjustment, maintenance, and lubrication of your new disk harrow.

When in need of parts, see your John Deere dealer. He will furnish genuine John Deere Parts and prompt and efficient service in the field or in the shop.

Right-hand and left-hand reference is determined by standing at the rear of the disk harrow and facing the direction of travel.

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



Study this manual carefully. Keep it handy, in a safe place, for future reference.

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

### JOHN DEERE MODEL "Y" DISK HARROW

Check off size of your disk harrow, disk blade size, special equipment obtained, and record date purchased. This information will be valuable whenever ordering parts.

#### Size

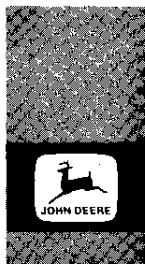
5-Ft. 10-In. . . . .  
 7-Ft. 2-In. . . . .  
 8-Ft. 6-In. . . . .  
 9-Ft. 10-In. . . . .  
 11-Ft. 2-In. . . . .

Blade Size  
 18-In. . . . .   
 20-In. . . . .   
 Scrapers . . . . .   
 Furrow Filler . . . . .   
 Middlebreaker . . . . .   
 End Scraper . . . . .   
 Date Purchased . . . . .



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## SPECIFICATIONS

The Model "Y" Disk Harrow is a 3-point hitch implement available in one disk spacing width; 8-1/2 inches. Cutting widths include 5-foot 10-inch, 7-foot 2-inch, 8-foot 6-inch, 9-foot 10-inch, and 11-foot 2-inch. White iron or anti-friction bearings available as ordered.

The disk gangs have 1-1/8-inch square gang bolts.

The angle of the gangs can be changed quickly and easily, and the front and rear gangs can be angled independently of each other.

**DISKING DEPTH** — Controlled hydraulically by the rockshaft control lever on the tractor.

**LEVELING** — The disk harrow can be leveled fore-and-aft and laterally with the adjustments on the tractor 3-point hitch.

**LATERAL ADJUSTMENT OF REAR GANGS** — The disk harrow may be adjusted laterally by sliding gangs on the frame tube.

**DISK BLADES** — 18-inch or 20-inch spherical, solid or cut-out disk blades; 20-inch cone, solid or cut-out disk blades.

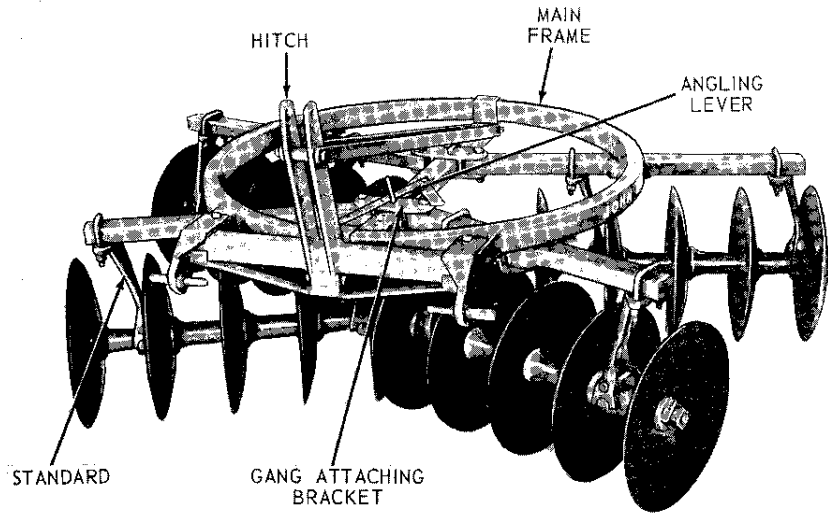
**SCRAPERS** — One-piece scrapers are optional equipment.

**FURROW FILLER ATTACHMENT** — Will fill and level the furrow left by rear gang outer disk blades. 14- or 16-inch blades are recommended for this attachment, depending on size of disk blades on disk harrow.

**MIDDLEBREAKER ATTACHMENT** — A spring-tooth middlebreaker cuts out the center strip left by the front disk gangs.

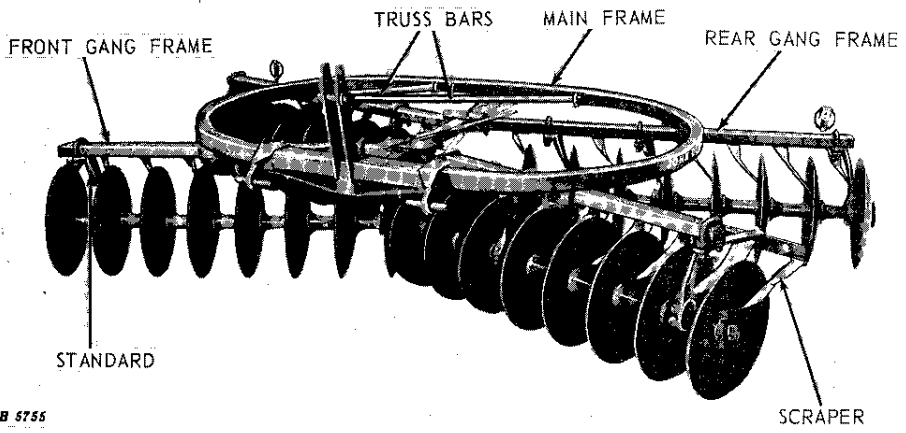
**END SCRAPER ATTACHMENT** — To clean outside front disk and inside rear disks.

*(Specifications and design subject to change without notice.)*



B 5754

7-Foot 2-Inch Model Y Disk Harrow



B 5755

11-Foot 2-Inch Model Y Disk Harrow



# OPERATION

## PREPARING THE TRACTOR

### ALL TRACTORS

For complete operating instructions concerning the tractor refer to the tractor operator's manual.

#### *Belt Pulley*

The belt pulley attachment must be removed from the tractor, if the tractor is so equipped.

#### *Tire Pressure*

Consult your tractor operator's manual for front and rear tire pressure.

### 40, 420, 430, 1010 AND 1020 SERIES TRACTORS

#### *Rear Wheel Tread*

Set the tractor rear wheel tread at 56 inches or less, center-to-center of tires, and equal distance from center line of the tractor.

#### *Front End Weighting*

Front end weighting is necessary for efficient operation and safety. Therefore, it is important that the proper weight be added to the front end of the tractor.

1020 Series Tractors		
Tractor	Disk Harrow Size	
	5' 10"	7' 2"
	Front End Weight in Pounds	
RU	0	300
HU	0	200
LU	0	200

#### *Rockshaft Lift Arm*

On all tractors except 1020 Series, adjust the tractor hydraulic system so integral cylinders are parallel and the lift arms operate together. See tractor operator's manual.

#### *Load-and-Depth Control System*

The disk harrow is usually used with load-and-depth control action of the tractor locked out. To lock out the load-and-depth control action, turn the load control screw out against the yoke. On 1020 Tractors shift rockshaft selector to "D" position.

If desired, the load-and-depth control system can be used by turning the load control screw in ("LD" position on 1020 Tractors).

*Center Link*

Attach the center link to the load control yoke in the least sensitive position, if the disk harrow is used with the load control action of the tractor locked out.

If the load control action of the tractor is being used, attach the center link to the center hole in the load control yoke when operating in favorable field conditions.

The center link can be attached to the most sensitive position in the control yoke when operating in adverse field conditions.

*Lift Links*

Attach the lift links to the inner holes on the rockshaft lift arms.

Set the length of the left-hand link at 25-1/2 inches.

The right-hand lift link provides adjustment for leveling the disk harrow.

*Sway Chains*

Pin the sway stop chains to the outer holes on each side of the center hole in the drawbar bracket.

**2010 AND 2020 SERIES TRACTORS**

*Rear Wheel Tread*

Set the tractor rear wheel tread at 56 inches or less, center-to-center of tires, and equal distance from center line of tractor.

*Sway Blocks*

Sway blocks must be attached in the upper position which permits lateral flexibility when working and eliminates side sway when transporting.

*Front End Weighting*

Front end weighting is necessary for efficient operation and safety. Therefore, it is important that the proper weight be added to the front end of the tractor.

2020 Series Tractors				
Tractor	Disk Harrow Size			
	5' 10"	7' 2"	8' 6"	9' 10"
Front End Weight in Pounds				
RU	0	0	800	900
HU	0	0	600	700
LU	0	0	800	900

Consult your tractor operator's manual for front end weighting.

*Rockshaft Lift Arms*

On 2010 Tractors, adjust tractor hydraulic system so integral cylinders are parallel and the lift arms operate together. See tractor operator's manual.

*Setting the Selector Lever*

Set the load-and-depth control selector lever in the "Depth" position.

*Lift Links*

Adjust the lift links for transport clearance and lateral float.

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