

RWA Disk Harrow



OPERATORS MANUAL

RWA
Disk Harrow

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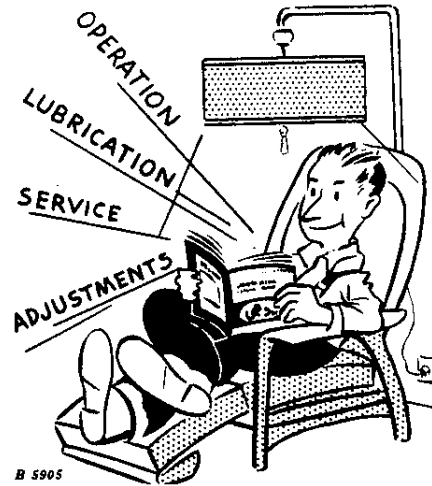
To the purchaser

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

This Operator's Manual contains 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.



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

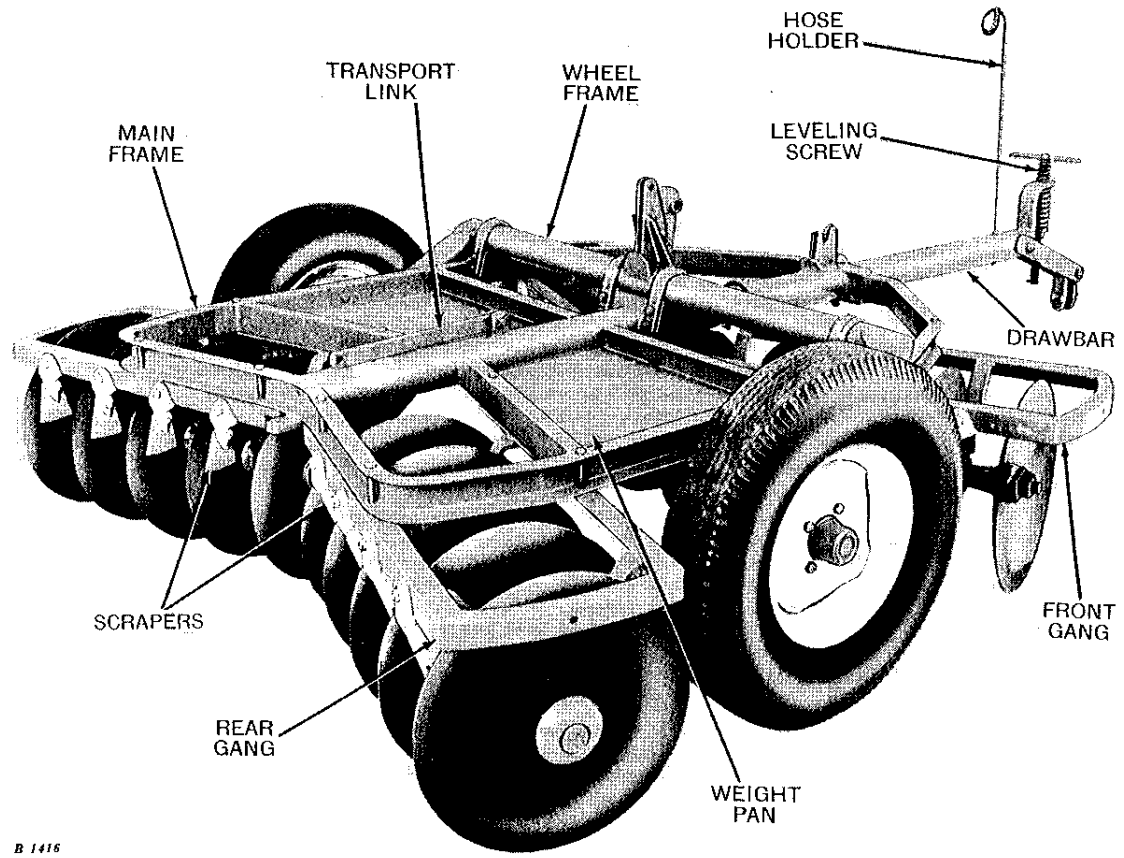
John Deere RWA Disk Harrow	
Size	Blade size
5' 10"	16"
7' 2"	18"
8' 6"	20"
9' 10"	
11' 2"	
12' 6"	
13' 10"	
	Date Purchased

Price \$



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John Deere RWA 7-ft. 2-in. Disk Harrow



specifications

The John Deere RWA is a rigid-type, wheel-carried disk harrow, designed for use with tractors having a remote hydraulic cylinder that conforms to ASAE-SAE standards.

The angle of the gangs cannot be changed.

Model	Actual Width of Cut	No. of Disks	Size of Disks
RWA 1616	5'10"	16	16"
RWA 1618	5'10"	16	18"
RWA 1620	5'10"	16	20"
RWA 2016	7'2"	20	16"
RWA 2018	7'2"	20	18"
RWA 2020	7'2"	20	20"
RWA 2416	8'6"	24	16"
RWA 2418	8'6"	24	18"
RWA 2420	8'6"	24	20"
RWA 2816	9'10"	28	16"
RWA 2818	9'10"	28	18"
RWA 2820	9'10"	28	20"
RWA 3216	11'2"	32	16"
RWA 3218	11'2"	32	18"
RWA 3220	11'2"	32	20"
RWA 3616	12'6"	36	16"
RWA 3618	12'6"	36	18"
RWA 3620	12'6"	36	20"
RWA 4016	13'10"	40	16"
RWA 4018	13'10"	40	18"
RWA 4020	13'10"	40	20"

DISKING DEPTH - Controlled by raising or lowering the carrying wheels with the remote hydraulic cylinder.

LEVELING - Adjust the hand screw on the disk harrow drawbar to level the disk harrow for various tractor drawbar heights.

CARRYING WHEELS - 14-inch wheels with automotive type adjustable tapered roller bearings.

(Specifications and design subject to change without notice.)

DISK SPACING - 8-1/2 in. spacing.

DISK BLADES - 16, 18, or 20 inch solid, and 18 or 20 inch cut-out, disk blades.

DISK GANG BEARINGS - Hard metal bearings, regular; Anti-friction bearings, special.

SCRAPERS - Disk harrow is available with or without straight scrapers. End (bent) scrapers are available if required for sticky soils.

MIDDLEBREAKER ATTACHMENT - A spring-tooth middlebreaker that cuts out the center strip left by the front disk gangs is available.

FURROW LEVELING BLADE - This attachment will fill and level the furrow left by the outer gang disk blades when disking in plowed or loose ground.

LIFT-ALL CYLINDER ADAPTER - This permits the disk harrow to be used with an IHC tractor equipped with two one-way "Lift-All" hydraulic cylinders.

SPIKE TOOTH HARROW ATTACHMENT - This attachment permits disking and harrowing in one operation.

SPECIAL WIDE WHEEL FRAME - For 11-foot 2-inch, 12-foot 6-inch, and 13-foot 10-inch disk harrows only. To be used in bedded crop areas. The tread on this wheel frame is 156 inches.



operation

Hydraulic control

The RWA Disk Harrow can be used with John Deere Tractors equipped with a remote hydraulic cylinder or any other tractor using a remote cylinder that conforms to ASAE-SAE standards.

Attaching to or detaching from the tractor

The disk harrow must be in the raised position before attaching it to or detaching it from the tractor drawbar.

Back the tractor up to the disk harrow, install the remote hydraulic cylinder on the disk harrow, and place the hoses in the hose holder. If the disk harrow is not in the transport position, raise it with the cylinder and attach the disk harrow drawbar to the tractor drawbar.

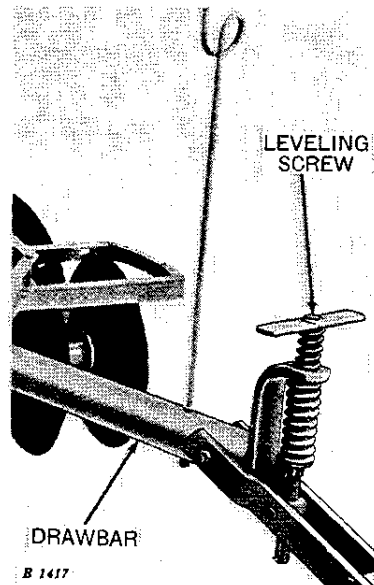
When detaching the disk harrow from the tractor, be sure the disk harrow is in the raised position and the remote cylinder hoses are disconnected before pulling the drawbar pin and driving the tractor away from the disk harrow.

CAUTION: Lock the tractor drawbar in a fixed position when transporting. For best results when disking, the tractor drawbar should be free to swing.

Tire Inflation

Inflate the disk harrow tires to tire manufacturers' recommended pressure. Refer to tractor operator's manual for tire inflation pressure for tractor tires.

Leveling screw



Adjust the leveling screw on the disk harrow drawbar as follows to obtain uniform penetration of the front and rear gangs.

Shortening the leveling screw (turning clockwise) will raise the rear section. Lengthening the leveling screw (turning counter-clockwise) will lower the rear section.

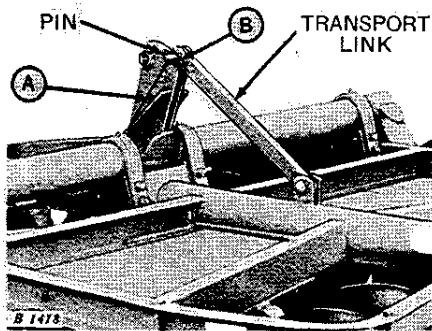
Transporting

CAUTION: When transporting the disk harrow on a road or highway at night or during the day, use accessory lights and devices for adequate warning to the operators of other vehicles. In this regard, check local governmental regulations. Various safety lights and devices are available from your John Deere dealer.

Lock the tractor drawbar in a fixed position when transporting the disk harrow. Do not transport the disk harrow over 12 miles per hour on a smooth surface road, and reduce the speed considerably when transporting over rough ground.

Transport link

The transport link is used to hold the disk harrow in a raised position for transporting or storing when the remote hydraulic cylinder is removed.



To place the disk harrow in transport position: (1) Fully extend the remote hydraulic cylinder. (2) Remove the pin from hole "A," line up the hole in the end of the transport link with hole "B," and install the pin. The cylinder can then be removed, and the disk harrow will stay in the raised position.

Disking depth

The disking depth is controlled by raising or lowering the wheels with the remote hydraulic cylinder. Raising the wheels will permit the disks to penetrate deeper into the ground. Lowering the wheels will decrease the penetration of the disk harrow.

Weighting disk harrow

The built-in weight pans will accommodate additional weight, if needed, for hard ground conditions.

Additional weight can quickly be added to, or removed from, the weight pans.

The following chart lists the amount of weight that can be added to each size disk harrow.

Size of disk harrow	Maximum weight that can be placed in weight pan
5' 10", 7' 2", or 8' 6"	200 lbs.
9' 10" or 11' 2"	275 lbs.
12' 6" or 13' 10"	350 lbs.

CAUTION: Do not overweight your disk harrow.

After any replacement of disk or bearing parts be sure to draw up nut on end of gang bolt very tight. Failure to do this will result in breakage or loss of parts. When attaching gang frame standards to bearing, be sure to draw up bolts as tightly as possible.

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