

484 AND 684 COTTON AND CORN PLANTERS

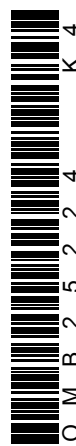


OPERATORS MANUAL 484 AND 684 COTTON AND CORN PLANTERS

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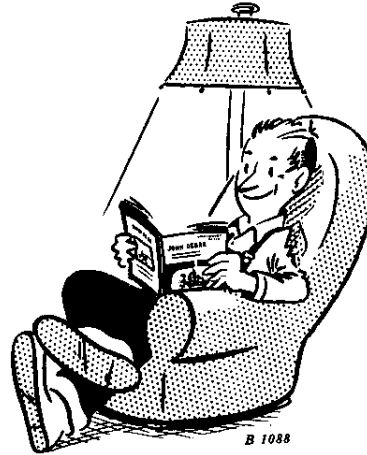
TO THE PURCHASER

Your new 484 or 684 Cotton and Corn Planter 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 planter.

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 planter and facing the direction of travel.



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

JOHN DEERE 484 OR 684 COTTON AND CORN PLANTERS

Check off model of your planter, attachments obtained, and record date purchased.

Model:

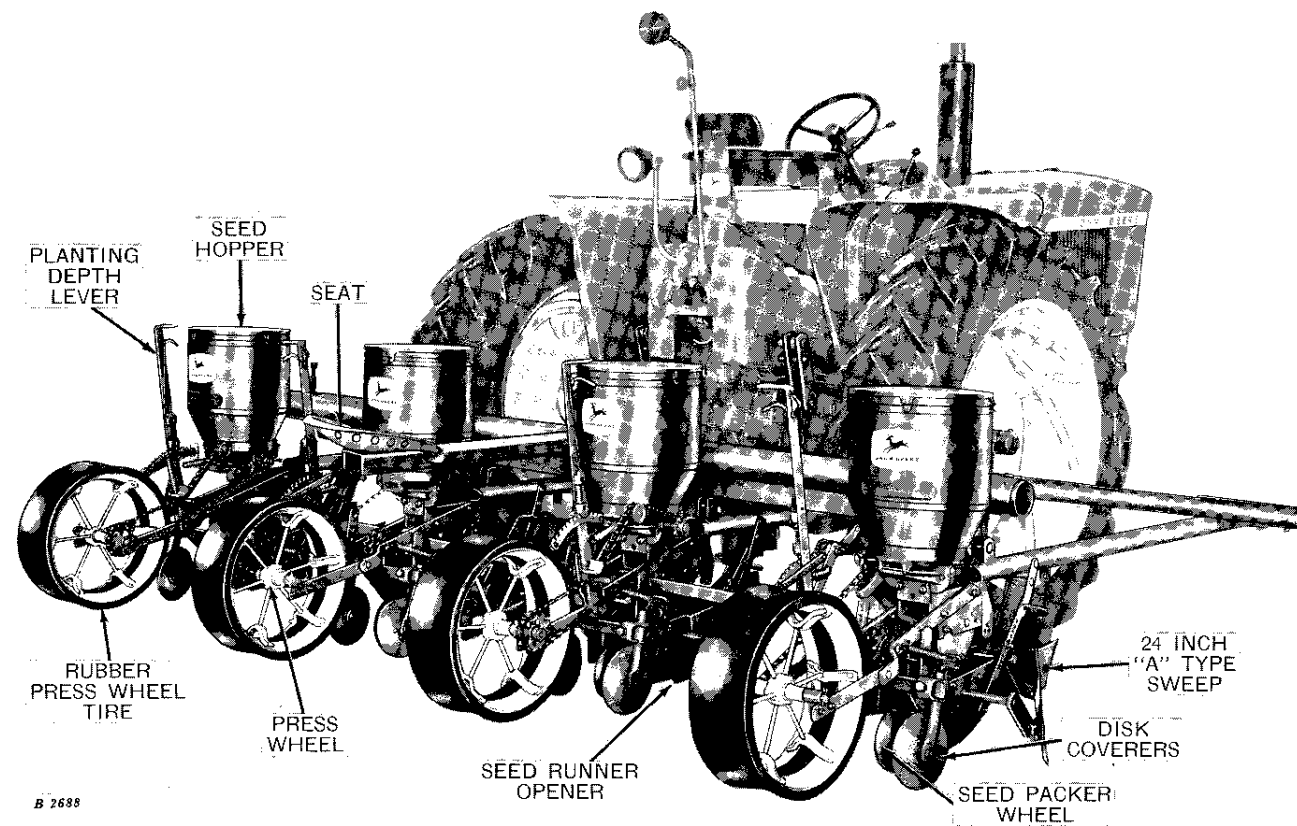
- 484 Regular Type..... ☐
- 484 Sweep Type..... ☐
- 484 Stepless Runner Type.... ☐
- 684 Regular Type..... ☐
- 684 Sweep Type..... ☐
- 684 Stepless Runner Type.... ☐
- Fertilizer Attachment..... ☐
- Pre-Emergence Sprayer Attachment..... ☐
- Markers..... ☐

- Double-Disk Seed Openers... ☐
- 24-Inch Sweeps..... ☐
- Gauge Shoes..... ☐
- Seed Packer Wheels..... ☐
- Hill-Drop Attachment..... ☐
- Cell-Drop Cotton Planting Attachment..... ☐
- Double-Disk Furrowers..... ☐
- Disk Coverers..... ☐
- Brush Cut-Off & Baffle Plate. ☐
- Pea or Bean Attachment..... ☐
- Shelled Peanut Attachment.. ☐
- Unshelled Peanut Attachment ☐
- Fine Seed Attachment..... ☐
- Wide Press Wheels..... ☐

Date Purchased

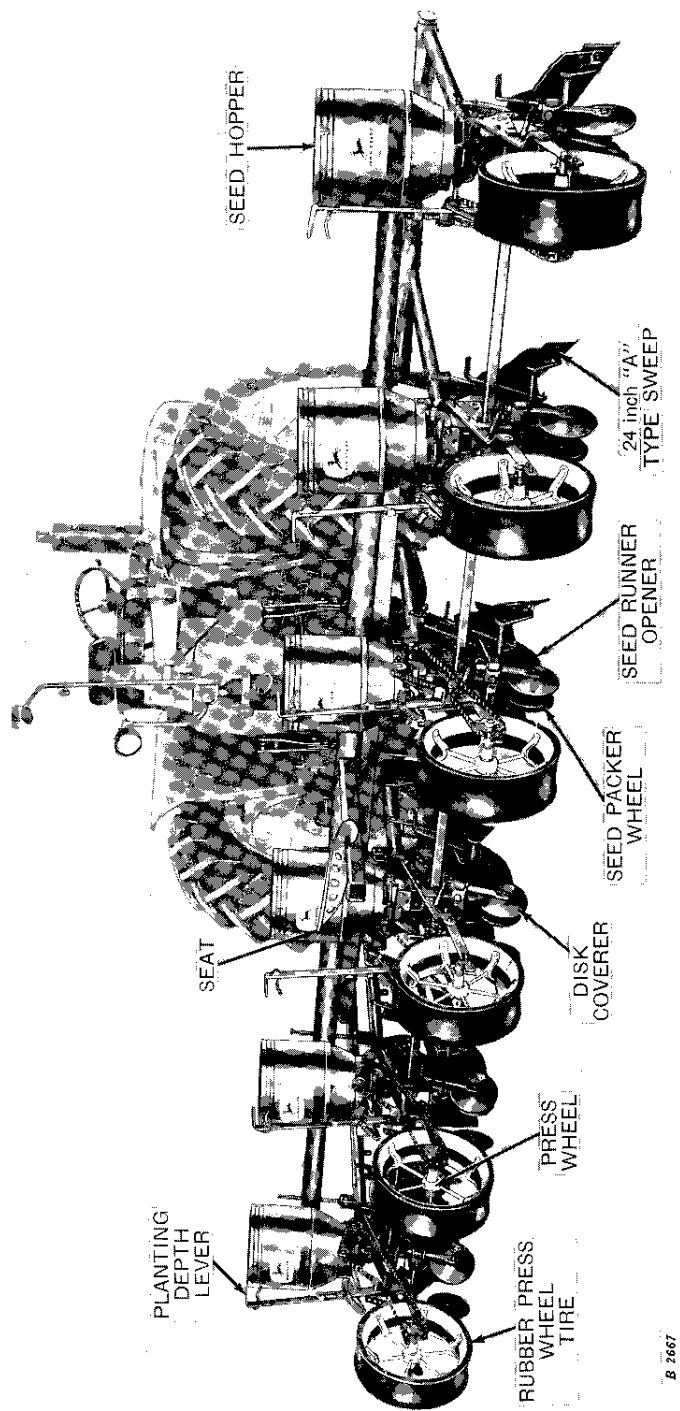
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484 Cotton and Corn Planter



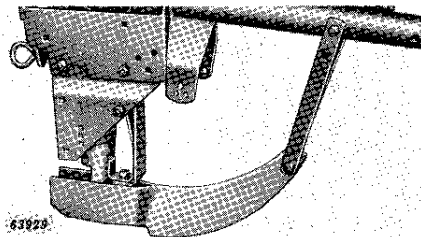
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684 Cotton and Corn Planter

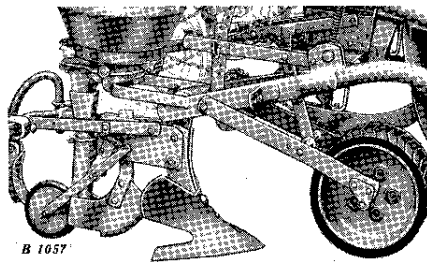
SPECIFICATIONS

Types—484 four-row mounted cotton and corn planter.
684 six-row mounted cotton and corn planter.

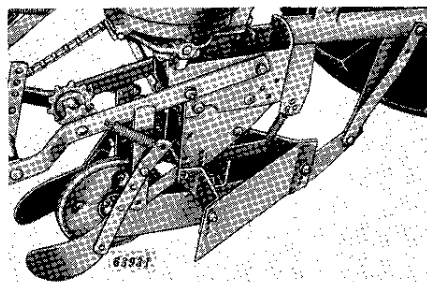
Either the 484 or the 684 can be equipped with the following types of openers:



Regular Type Opener



Sweep Type Opener



Stepless Runner Type Opener

Method of Attaching—Quickly attached by backing tractor into planter, hooking up lift chains and raising planter with rear rockshaft to snap front mounting into place.

Type of Lift—Lift chains attached to rear rockshaft of tractor.

Type of Drive—Each individual unit driven by sprocket and chain from the press wheel, except the sweep type unit which drives from the gauge wheel.

Row Spacings—36, 38, and 40 inches.

Planting Units—Each unit individually mounted for maximum flexibility. Each unit also has individual spring pressure for additional penetration.

Seed Hoppers—1-1/6 bushel capacity hoppers mounted low for accurate planting and easy filling.

Press Wheels—18-inch press wheels. Can be equipped with scrapers, and/or steel press wheel bands, or rubber press wheel tires.

Planting Depth—Controlled by press wheel on each planting unit. Depth changed by moving planting depth lever on each unit.

Width—484—11 ft. 3 in. (less markers).

684—17 ft. 11 in. (less markers).

Weight—484—1,200 pounds.
684—1,700 pounds.

Markers—Disk-type. Manually controlled by auxiliary operator.

Dry Fertilizer Attachment—For 484 planter only. Two hoppers which hold approximately 350 lbs. each, mounted independently of planter on tractor rear axle housing. Auger feed is driven by sprocket and chain from tractor axle. Runner or single-disk fertilizer openers.

SPECIFICATIONS—Continued

Pre-Emergence Sprayer Attachment—Used for applying liquid herbicides in a band spray on the rows at the time of planting.

Double-Disk Openers—Two 14-inch disks mounted in place of the seed runner for use in trashy conditions or better penetration in hard ground.

24-Inch Sweep—"A"-type sweep used for clearing off the tops of beds. Can be used with double-disk or runner openers.

Gauge Shoe—15-inch wide gauge shoe for maintaining accurate planting depth in loose soil conditions.

Seed Packer Wheel—7-inch rubber-tired wheel for firming seed against moist soil.

Hill-Drop Attachment—Used for dropping the seed in individual hills.

Double-Disk Furrower—16-inch double disks for planting the seed in furrows.

Cell Drop Cotton Planting Attachment—Can be used in place of picker wheel for planting gin-run or mechanically delinted cotton seed.

Disk Coverers—Used in place of knife coverers in heavy soils and trashy conditions.

Brush Cut-Off and Baffle Plate—For planting fragile seeds, such as castor beans.

Pea or Bean Attachment—Used for dropping corn and beans alternately in the row.

Shelled Peanut Attachment—Reduces seed damage by using plate which supports most of seed weight.

Unshelled Peanut Attachment—Used for planting peanuts in the shell.

Fine Seed Attachment—For planting grass and similar small seeds.

(Specifications and design subject to change without notice.)



OPERATION

PREPARING THE TRACTOR

The tractor must be equipped with a rear rockshaft.

Refer to the tractor Operator's Manual for operating instructions for rear-mounted integral implements.

WHEEL TREAD

Set the rear wheel tread, center-to-center and equi-distant from the center line of the tractor, twice the distance of the row spacing.

ROCKSHAFT LIFT ARMS

On 2010R Tractors adjust the dual hydraulic system for parallel lift arm operation

REAR TIRE INFLATION

RECOMMENDED REAR TIRE SIZE AND INFLATION CHART FOR 50 AND 60 TRACTORS WITH 484 PLANTER AND DRY FERTILIZER ATTACHMENT

Tractor	Rear Tire Size	Inflation Pressure (psi)
50	10-38, 4-Ply	Not Recommended
50	11-38, 4-Ply	Not Recommended
50, 60	11-38, 6-Ply	22
50, 60	9-42, 6-Ply	28
50, 60	11-42, 6-Ply	22
60	12-38, 6-Ply	20
60	13-38, 6-Ply	18

NOTE: When the 484 Planter with fertilizer attachment is installed on the 2010R Tractor, the tractor must be equipped with 13.9-36, 6-ply tires and inflated to 20 pounds pressure. For 3020, 4020, 3010, 4010, 530, 630, 730, 520, 620, 720, or 70 Tractor tire inflation pressures, consult tractor Operator's Manual.

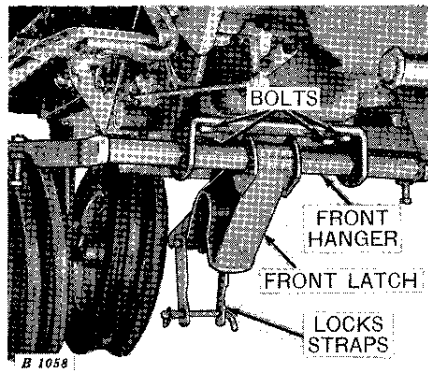
FRONT END WEIGHTS

Install front weights on tractor according to the following table.

Tractor	Front Weights (Pounds)		
	Single Front Wheel	Roll-O-Matic	Adj. Wide Axle
484 PLANTER WITHOUT FERTILIZER ATTACHMENT			
2010R	170	170	170
3020, 4020	0	0	...
3010, 4010	0	0	...
530, 520	180	135	0
630, 620	0	0	0
730, 720	0	0	0
50	295	180	0
60, 70	0	0	0
484 PLANTER WITH FERTILIZER ATTACHMENT			
2010R	400	400	400
3020, 3010	300	200	...
4020, 4010	0	0	...
530, 520	See Note		
630, 620	475	320	265
730, 720	385	305	175
730, 720 Diesel	265	185	55
50	See Note		
60	735	610	430
70	540	380	250
70 Diesel	400	240	110
684 PLANTER WITHOUT FERTILIZER ATTACHMENT			
3020, 3010	300	200	...
4020, 4010	0	0	...
630, 620	325	270	115
730, 720	235	155	25
730, 720 Diesel	115	35	0
60	585	460	280
70	390	230	100
70 Diesel	250	90	0

NOTE: The 484 Planter with dry fertilizer attachment can be used on 530, 520, or 50 Tractors if maximum front-end weighting is used and the planter is not transported with the hoppers full.

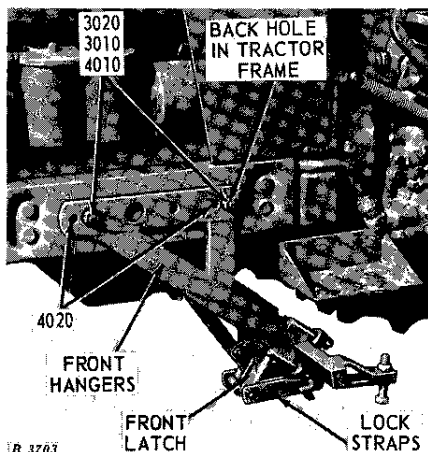
FRONT HANGERS AND LATCH 2010R Tractor only



Front Hanger on 2010R Tractor

Install the front hanger and latch on the tractor with the four bolts as shown.

3020, 4020, 3010, or 4010 Tractors only

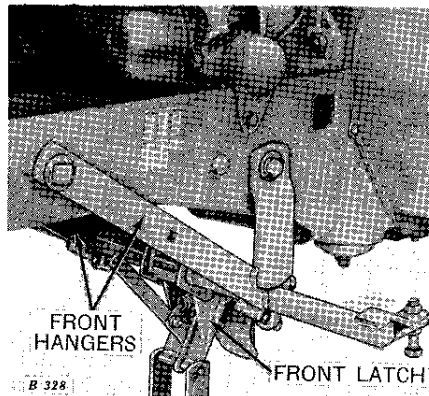


Front Hangers on 3020, 4020, 3010 or 4010 Tractors

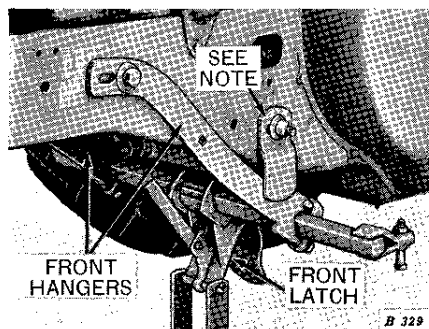
Install front hangers on both sides of the tractor. Use one flat washer on each bolt between hanger and tractor frame. Always use the back hole in the tractor frame.

Install the front latch in the front hanger and center between the hangers.

530, 630, 730, 520, 620, 720, 50, 60 or 70 Tractors



Front Hangers on 530, 630, 520, 620, 50, or 60 Tractors



Front Hangers on 730, 720, or 70 Tractors

Install front hangers on both sides of the tractor.

NOTE: On 730 or 720 Tractors equipped with front rockshaft use spacers on the rear bolts.

Install the front latch in the front hangers and center between the hangers.

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