

4110 ONE-ROW ROW-CROP CULTIVATOR FOR 330, 320, 430, 420, AND 40 STANDARD TRACTORS



OPERATORS MANUAL

**4110 ONE-ROW ROW-CROP CULTIVATOR FOR
330, 320, 430, 420, AND 40 STANDARD
TRACTORS**

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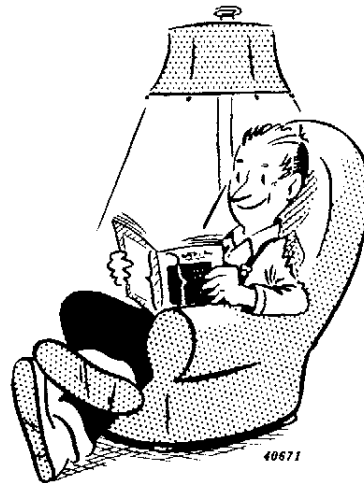


TO THE PURCHASER

Your new 4110 Cultivator was built to rigid manufacturing standards. Material and workmanship are the best. Precision production methods, and accurately controlled heat-treating assure maximum strength and long life for every part.

This manual has been carefully prepared and illustrated so that you may make the necessary adjustments for adapting your cultivator to work properly in all types of field cultivation.

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



When in need of parts, furnish your John Deere dealer the part number, description, and the information which should be recorded at the bottom of this page, when the cultivator is delivered. He can give you prompt and efficient service.

JOHN DEERE 4110 ONE-ROW CULTIVATOR

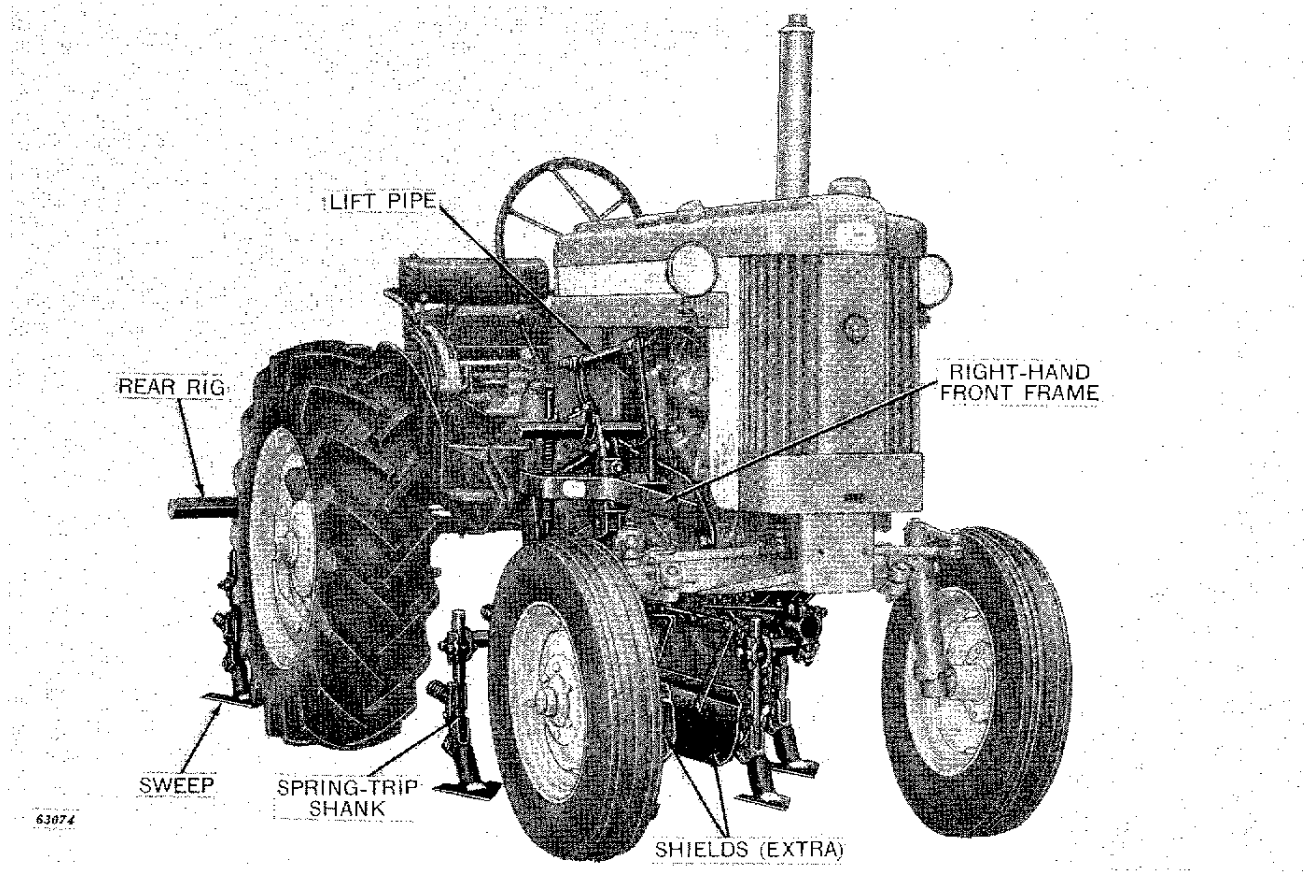
No. of Cultivator

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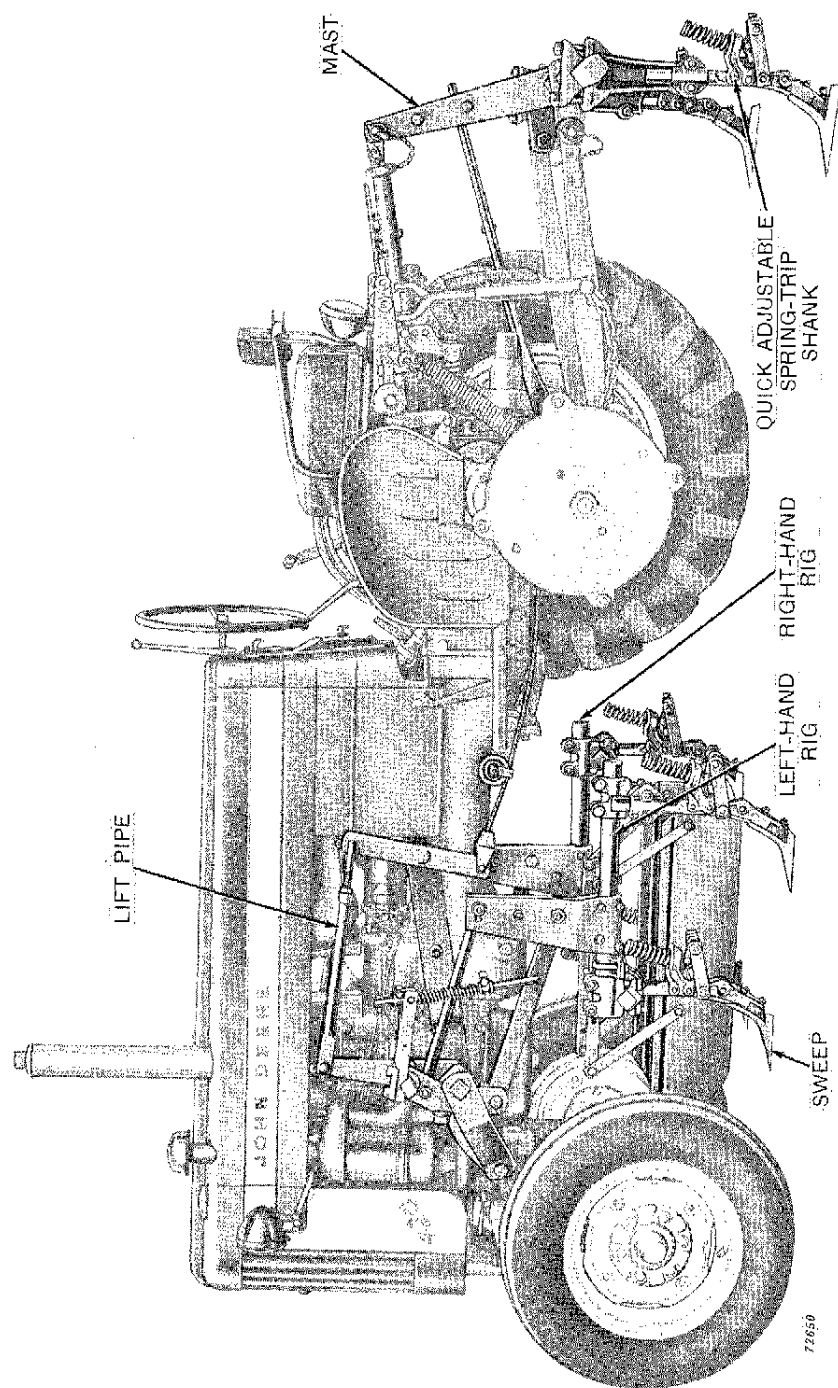
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John Deere 4110 Power-Lift One-Row Row-Crop Cultivator



*John Deere 4110 Power-Lift Row-Crop Cultivator
(Tractor Wheel Removed to Show Cultivator Detail)*

SPECIFICATIONS

Cultivator Model. . . .	4110
Row Capacity.	One-Row
Row Spacing.	28- to 60-inch (Set at factory for 40 inches)
Type of Lift.	Tractor Rockshaft
Delayed Lift.	Front and Rear Rigs can be operated independent of each other on "330," "430," "320," "420," and "40" Tractors having Dual Touch-o-matic.
Tractor Model Used. . .	"330," "430," "320," "420," and "40" Standard
Tractor Fenders. . . .	Usable with this Cultivator
Front Rig Equipment	RE-22—4 Regular Spring-Trip Shanks RE-23—4 Quick-Adjustable Spring-Trip Shanks RE-24—4 Single Spring-Tooth Shanks RE-25—4 Double Spring-Tooth Shanks RE-26—4 Friction-Trip Shanks
Rear Rig Equipment.	90 Series Rear Rigs—Bar Type 92 Rear Rig Section 2 Regular Spring-Trip Shanks with 10-inch Sweeps 93 Rear Rig Section 2 Quick-Adjustable Spring-Trip Shanks with 10-inch Sweeps 98 Rear Rig Section 2 Stub-Beam Shank Standards with 4 Single Spring-Tooth Shanks
Extra Equipment. . . .	Plant Shields Disk Hillers 21 Spring-Tooth Attachment

(Specification and design subject to change without notice.)

OPERATION AND ADJUSTMENT

The John Deere 4110 Cultivator is designed for use with the John Deere "330," "430," "320," "420," and "40" Standard Tractors.

With the wide variety of clamps, shanks, shovels or sweeps available, the cultivator will do good work in all types of soil and over a wide range of field conditions. The instructions in this manual cover the necessary adjustments for the best field results. A correctly adjusted cultivator pulls easily, penetrates uniformly, and kills weeds properly.

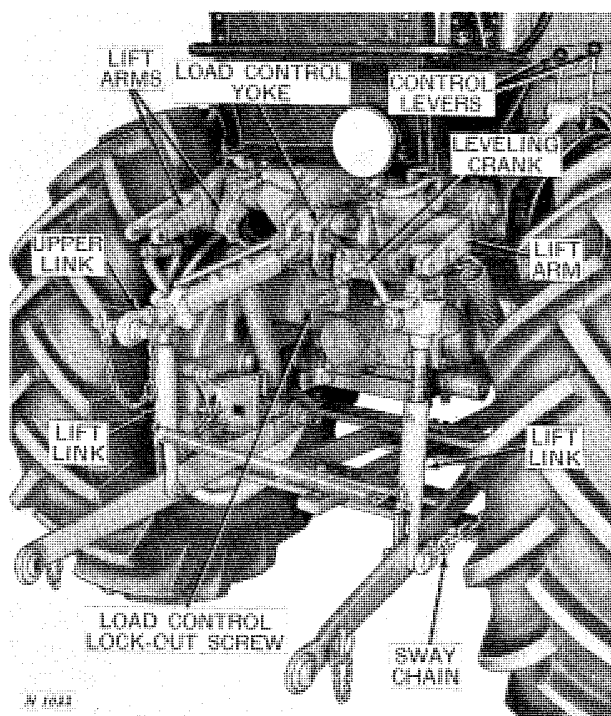
PREPARING THE TRACTOR

Implement Mounting Brackets

Implement mounting brackets (AM-3519T) are available as extra equipment for "330" and "320" Standard Tractors. They must be installed before this cultivator can be attached to the tractor. See page 40.

Drawbar

Remove the drawbar and drawbar supports so there will be sufficient clearance between the crop and underside of tractor.



3-Point Hitch

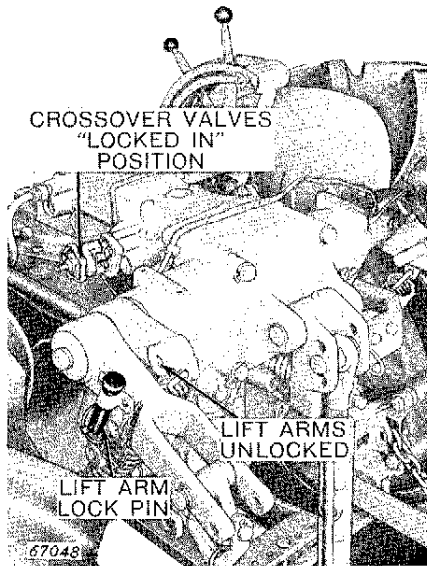
For cultivation in average soil conditions pin the upper link to the center hole and the load control yoke. For light draft conditions use the bottom hole and for heavy draft conditions use the top hole.

Turn in load control lock-out screw so load control yoke can move and the tractor Load-and-Depth Control system can operate.

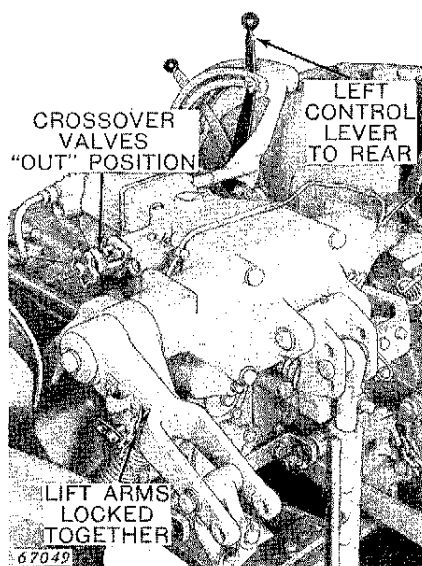
Pin upper end of lift links to **inner** holes in rockshaft lift arms.

PREPARING THE TRACTOR—Continued

Setting for Independent or Simultaneous Lift of Front and Rear Rigs



*Lift Arms Operating
Independently*



*Lift Arms Operating
Together*

Rockshaft Lift Arms

On tractors equipped with dual Touch-o-matic systems the rockshaft lift arms can be operated independently or they can be operated together.

If it is desired to have the cultivator front and rear rigs lift independently of each other, position the crossover valves in the "locked-in" position. Remove lift arm lock pin so the two cylinders and rockshaft can be operated as independent units.

If it is desired to have both cultivator front rigs and rear rigs lift simultaneously, lock lift arms together with lock pin, move inner (left) Touch-o-matic control lever to rear and secure in this position with quadrant stop. Position the crossover valves in the "out" position.

NOTE: On older "420" and all "40" Tractors the valves are controlled by a selector lever. Move this lever to the rear for independent lift or forward for simultaneous lift.

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