

805 Series Integral Disk Plows



JOHN DEERE

OPERATORS MANUAL 805 Series Integral Disk Plows

OMA12356 H0 English

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Your new plow

Behind your new plow is an organization that has specialized in designing and building plows for over one hundred and twenty years. This plow was built in the world's largest plow factory by experienced men, many who have worked in this large plant for from ten to forty-five years, thus assuring the utmost in good design, high-grade workmanship and thorough inspection, so essential to the production of good plows.

High quality materials, 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 plow to work properly in practically all types of soil and field conditions. These adjustments such as proper hitching and adjusting for width and depth of cut, are fully covered in this manual.

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



Occasionally your plow may need new parts, or require service not covered in this manual. If so, we suggest that you take advantage of the facilities offered by your John Deere dealer, which assure you of genuine JOHN DEERE Parts and prompt "know-how" service in the field or shop.

If you will furnish your dealer with the information which should be recorded at the bottom of this page, when the plow is delivered, he can give you prompt and efficient service.

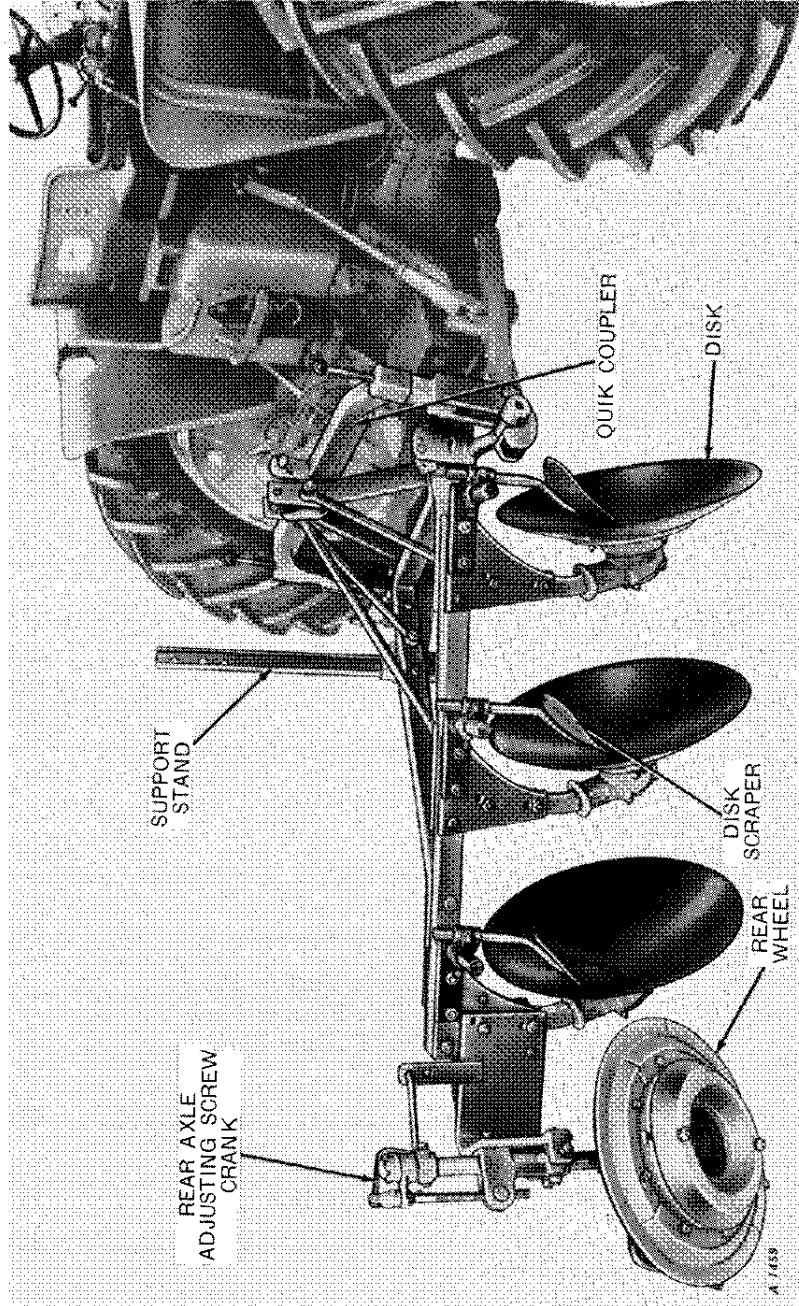
**JOHN DEERE 805 INTEGRAL TWO-, THREE-, AND
FOUR-FURROW DISK PLOWS**

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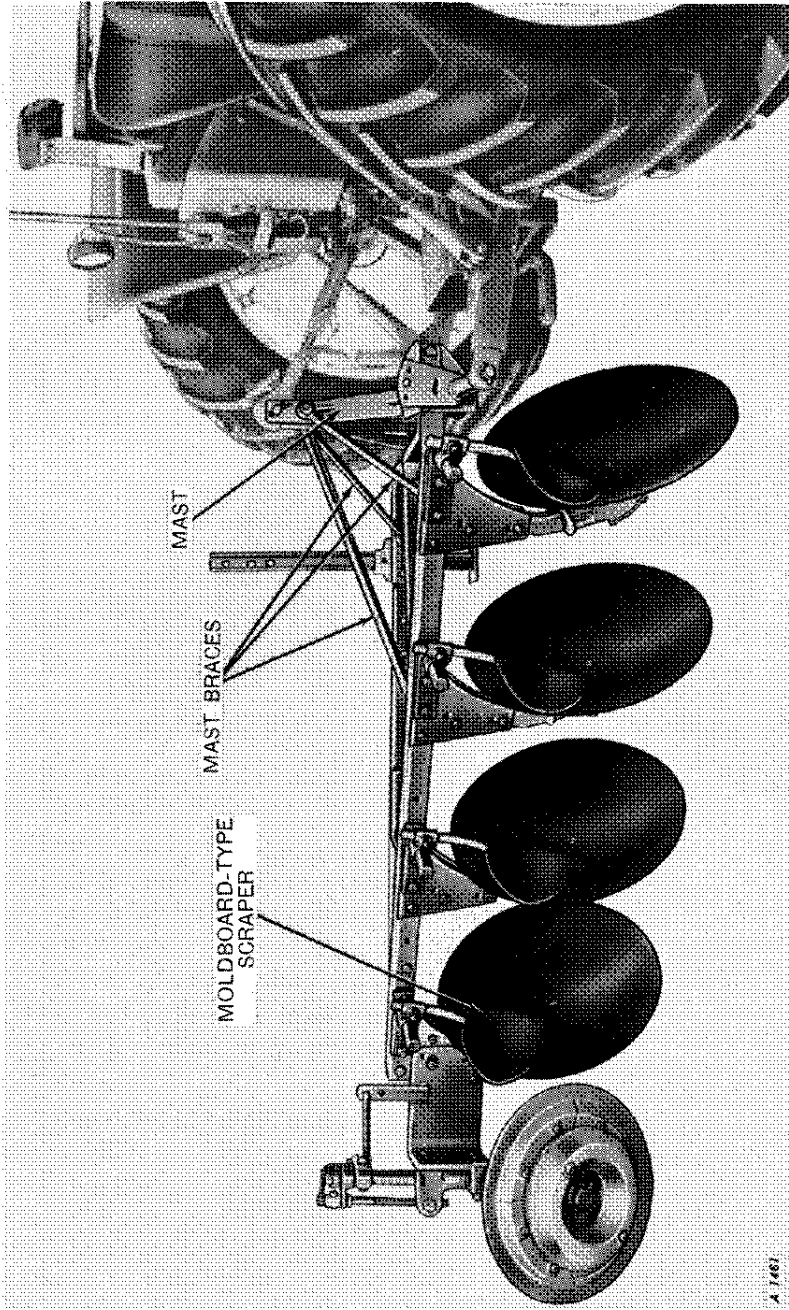
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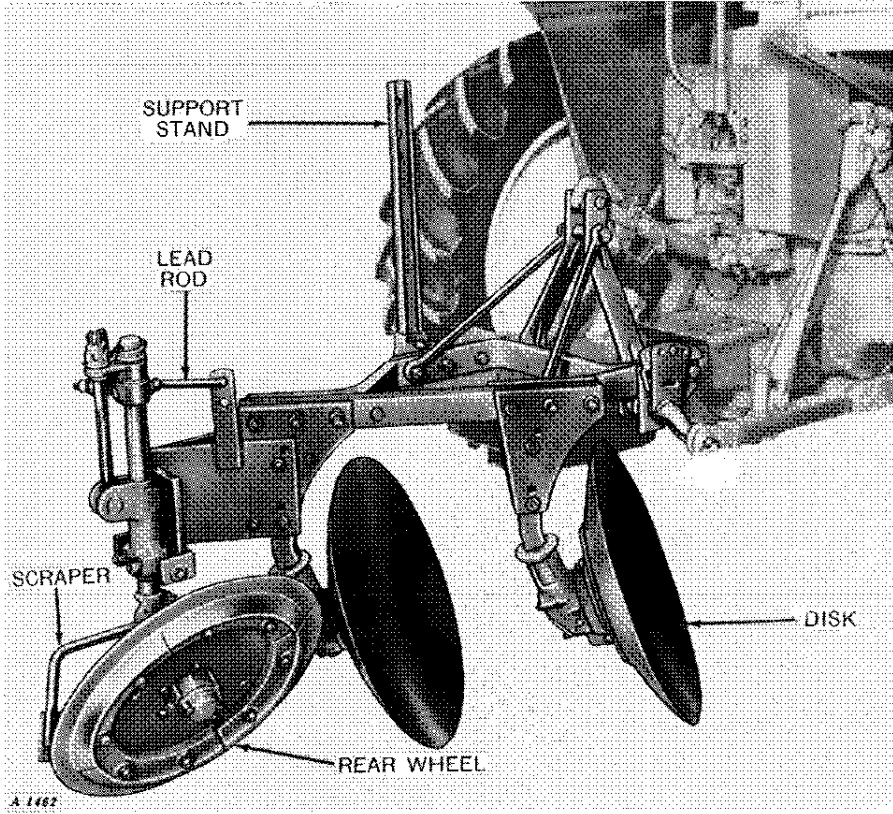
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John Deere 805 Integral Three-Furrow Disk Plow with Quick Coupler, Rear Wheel Weights, and Disk Scrapers (Special Equipment)



*John Deere 805 Integral Four-Furrow Disk Plow with
Rear Wheel Weights, and Disk Scrapers (Special Equipment)*



*John Deere 805 Integral Two-Furrow
Disk Plow*

Specifications

TYPES.....	805 Series Two- and Three-Furrow Integral Disk Plows for use with John Deere 2010, 3010, 4010, 530, 630, 730, 520, 620, and 720 Series Tractors. (Except Hi-Crop or Orchard). 805 Series Four-Furrow Integral Disk Plows for use with John Deere 4010, 730, and 720 Series Tractors. (Except Hi-Crop).
DISKS.....	24-Inch Plain—Regular for Two- and Three-Furrow Plows and Special Equipment for Four-Furrow Plow. 26-Inch Plain, Inside Plated (Sharpened on the front or inside)—Regular for Four-Furrow Plow and Special Equipment of Two- and Three-Furrow Plows. 26-Inch Plain—Special Equipment 26- and 28-Inch Plain, Heavy—Special Equipment. 26-Inch Plain, Extra Heavy—Special Equipment. 26- and 28-Inch Notched—Special Equipment.
DISK BEARINGS..	Heavy-duty, dustproof, each having large anti-friction bearings.
DISK SCRAPERS..	Moldboard- and hoe-type available as special equipment.
REAR WHEEL....	Fully adjustable. Replaceable steel segments.
DEPTH RANGE...	Approximately 4 to 12 inches.
WIDTH OF CUT..	Factory set for 11 inches. Can be reduced to 9 inches.
DEPTH CONTROL.	Controlled by the tractor rockshaft control lever.
REAR WHEEL WEIGHTS.....	One 70-pound weight, special. An additional 50-pound weight for extreme conditions, special.
GAUGE WHEEL...	Steel or rubber-tired, special equipment.
LIFT.....	Hydraulically controlled by tractor rockshaft control lever.
DISK SETTING...	Two vertical and two lateral settings.
LEVELING.....	Lateral (side-to-side) leveling controlled by leveling crank on tractor 3-Point Hitch. Fore-and-aft leveling controlled by center link on tractor hitch.
SUPPORT STAND.	Regular equipment.
LANDING LEVER.	Special equipment.

(Specifications and design subject to change without notice.)

NOTE: When the term "right" or "left" is used, it means from a position behind the plow and facing the front.

Operation

Importance of Proper Adjustment

Your new plow is fully adjustable and, when properly adjusted to operate in the type of soil and field conditions on your farm, it will do a good job of plowing at a minimum of expense. A well-adjusted plow pulls lighter; its furrow slices are

uniform in width and depth; it covers trash; it leaves the soil in proper condition to be worked down into the best-type seedbed.

Improper adjustment results in rapid wear and possible breakage of parts, and inefficient operation.

Preparing the Plow

Disks

The polished surfaces of the plow disks and scrapers have been painted with protective black paint.

In most cases it is not necessary to remove the black paint because it will wear off quickly upon contact with the soil. In those soils where the black paint will not wear off, remove with gasoline, kerosene, or diesel fuel.



Be careful when using any of these fuels so they do not ignite. The plow should be in a well-ventilated area and away from any sparks or flames.

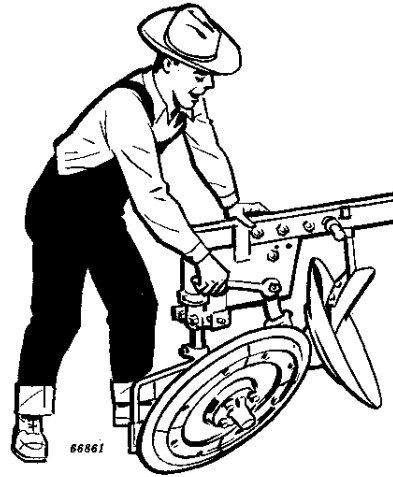
If the plow is not to be used immediately, protect the polished surfaces by applying a coat of cup or gun grease. If plow is to be put in storage for a considerable length of time, see pages 38 and 39.

Lubrication

Be sure the plow has been properly lubricated. See Lubrication Chart on page 40.

Bolts and Set Screws

Before starting to work with a new plow or one which has been stored, check to see that all bolts and set screws are tight and all cotter pins spread to keep them from falling out. Check the bolts that hold the plow disks to see that they are drawn up very tight.



A good practice is to check for loose bolts, screws, or parts when lubricating the plow. Loose bolts are easily lost and cause excessive wear on parts, resulting in possible serious damage to the plow.

Preparing and Adjusting the Tractor

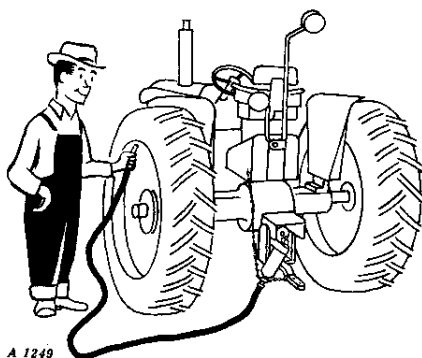
GENERAL

For complete tractor operating instructions, tire inflation pressures, and use of rear-mounted integral implements refer to your tractor operator's manual.

Tire Inflation

Proper air pressure is the most important factor in satisfactory performance and maintenance of tractor and implement tires. Under-inflation will damage the cord body of the tire and cause a series of radial breaks in the sidewall fabric. This often occurs on the inner sidewall of the furrow wheel tire. If the tire buckles or wrinkles, the air pressure should be increased to where the sidewalls remain smooth while operating.

If additional traction is required, add weight to the wheels. Lowering the air pressure will make little difference in the traction and may ruin the tires.



Rear Wheel Weighting

In those conditions where it becomes necessary to add weight to the rear wheels, see your Tractor operator's manual for weighting instructions.

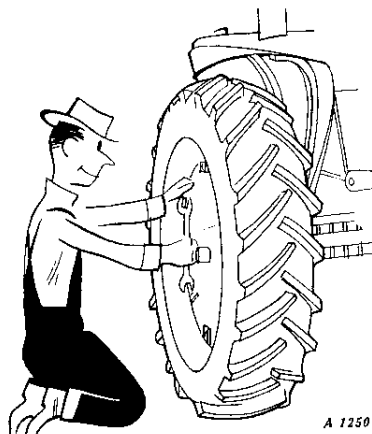
Power can be lost and tire life cut drastically by wheel slippage. Adding weight also serves to stabilize the tractor for plowing in rough or hillside fields.

Liquid Weight

Water and calcium chloride solution is an economical means of adding weight to rear wheels equipped with rubber tires. Calcium chloride is recommended rather than water as it will not freeze.

Cast-Iron Weights

Where weight in addition to or in place of liquid weight is required, cast-iron weights can be bolted to the rear wheels. This type of weight can be secured from your John Deere dealer.



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