

M6 and MT6 Two-Disk Semi-Integral Tractor Plows



OPERATORS MANUAL

**M6 and MT6 Two-Disk Semi-Integral
Tractor Plows**

OMA15649 (01JUN49) English

OMA15649 (01JUN49)

LITHO IN U.S.A.
ENGLISH



YOUR NEW PLOW

Behind your new plow is an organization that has specialized in designing and building plows for over one hundred 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 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 profusely illustrated so that you may make the necessary adjustments for adapting your plow to work properly in 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 the manual carefully and make it your guide.

Occasionally your plow may need new parts to replace worn parts or emergency service may be required that is not covered in this manual. If so, we suggest that you take advantage of the facilities offered by your John Deere Dealer, which assures you of genuine John Deere Parts and prompt "know-how" service in the field or in the shop.

If you will furnish your dealer the part number, description, and 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 M6 and MT6 Two-Disk Semi-Integral Tractor Plows

No. of Plow Date Purchased 19 . . .

(To be filled in by Purchaser)

TABLE OF CONTENTS

	<i>Page</i>
IDENTIFICATION OF PLOW PARTS.....	2-3
SPECIFICATIONS AND DATA.....	4
OPERATING INSTRUCTIONS:	
Operating and Adjusting Plow.....	5
Attaching Plow to Tractor.....	6
Backing Up Plow.....	6
Detaching Plow from Tractor.....	6
Adjusting for Ground Conditions.....	7
Adjusting Depth.....	7
Adjusting Rear Wheel and Steering Rod.....	8
Wheel Weights.....	9
Adjusting Scrapers.....	9
MAINTENANCE INSTRUCTIONS.....	9
SETTING-UP INSTRUCTIONS:	
General Instructions.....	10
Shipping Bundles (Regular and Special).....	10
Power Depth Control.....	11
Control Bar, Hitch Plates, and Frame Bar.....	11
Rear Disk Standard.....	11
Rear Axle, Hub Assembly, and Rear Wheel.....	11
Front Disk Standard and Disks.....	12
Scrapers.....	12
Depth Adjusting Chain.....	13
Wheel Weights.....	13
PARTS LIST AND ILLUSTRATIONS.....	14-23
NUMERICAL INDEX OF PARTS.....	24

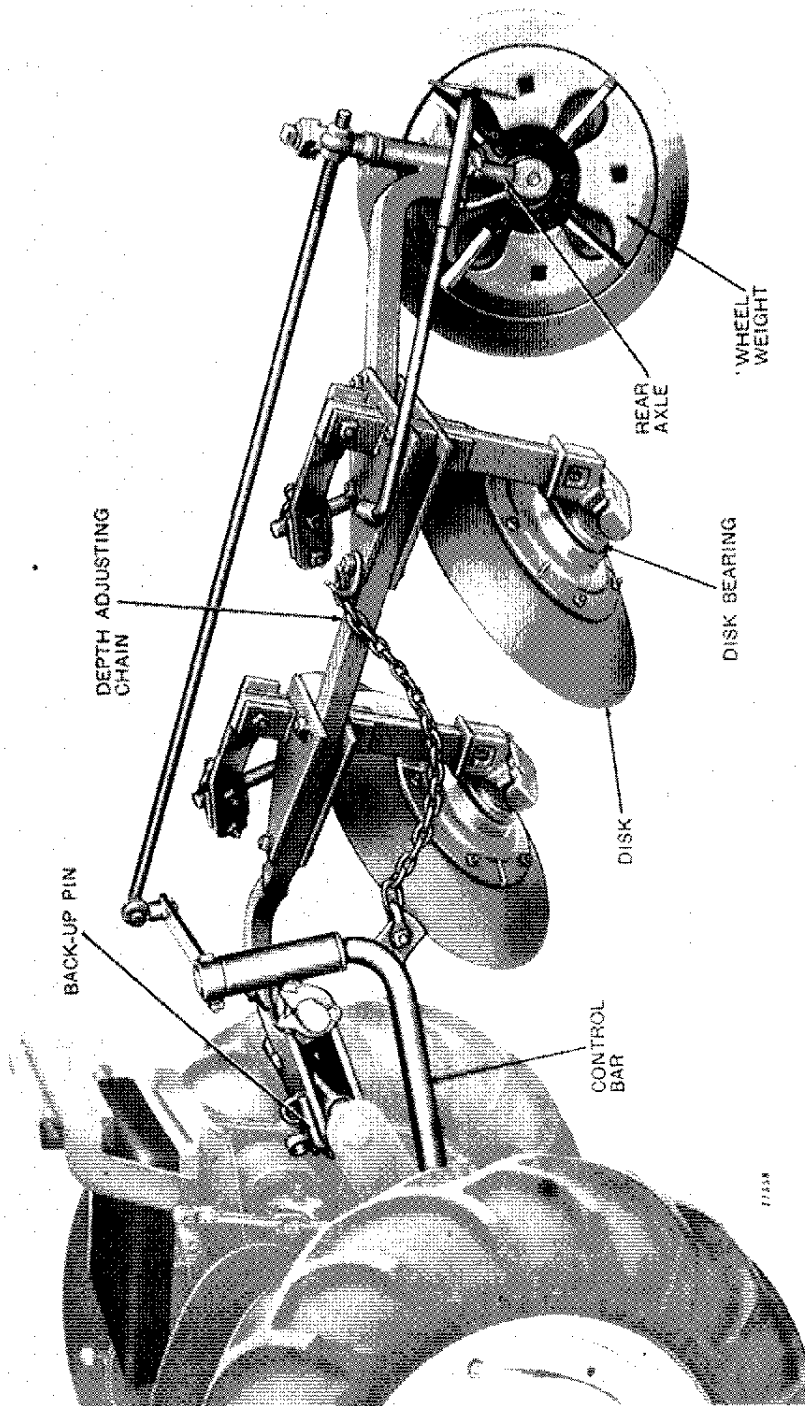


Figure 1—John Deere M6 Disk Plow in Transporting Position

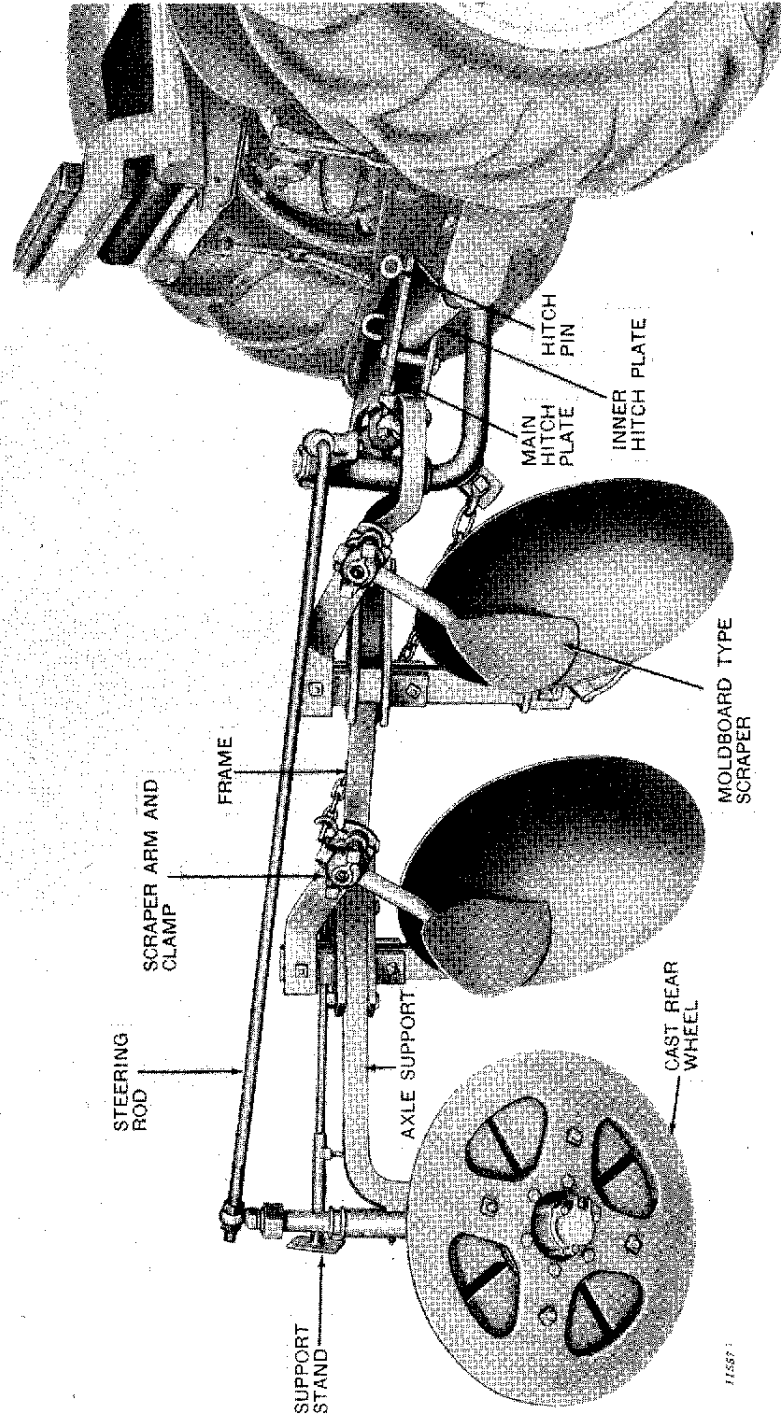


Figure 2—John Deere M6 Disk Plow in Plowing Position

SPECIFICATIONS AND DATA

Size and Type—M6 and MT6—2-disk not reducible; semi-integral.

Depth Range—Approximately 3 inches to 9 inches.

Width of Cut—Adjustable from 7 inches to 9 inches per disk.

Disks—24-inch, regular. Larger diameter disks not adaptable.

Disk Bearings—Heavy-duty dust-proof, each having two large Timken tapered-roller bearings.

Wheels—Regular: Heavy cast with heavy-duty Timken tapered bearings.
Special: Wheel with 5.50 x 16-inch rubber tire or wheel less rubber tire; equipped with heavy-duty Timken tapered bearings.

Depth Control and Lift—Regulated by the operator with the Touch-o-matic control of the tractor.

Scrapers—Moldboard- or hoe-type scrapers available as special equipment.

Wheel Weights—For cast wheel: 232-pound regular;
120-pound auxiliary.
For rubber-tired wheel: Wheel weight adapter—61 pounds
Wheel weights—126 pounds.

NOTE: When the terms "right" or "left" are used, it means from a position behind the plow and looking toward the front.

(Detail design subject to change without notice.)

OPERATING INSTRUCTIONS

OPERATING AND ADJUSTING PLOW

Good Plowing.

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 leaves the soil in proper condition to be worked down into the best type seedbed.

Preparing the Tractor.

The rear wheels of the Model "M" Tractor must be in the 42-inch setting and the rear wheels of the Model "MT" Tractor must be in the 48-inch setting (center to center of tires). Without the correct setting of wheels, the plow and tractor will not work smoothly together—uneven furrow slices will result, and the tractor will be difficult to steer.

Quik-Tatch.

The plow can be attached to, or detached from, the tractor by the operator from the tractor seat. Thus the tractor may be readily released for other work in a very few minutes and with a minimum of effort.

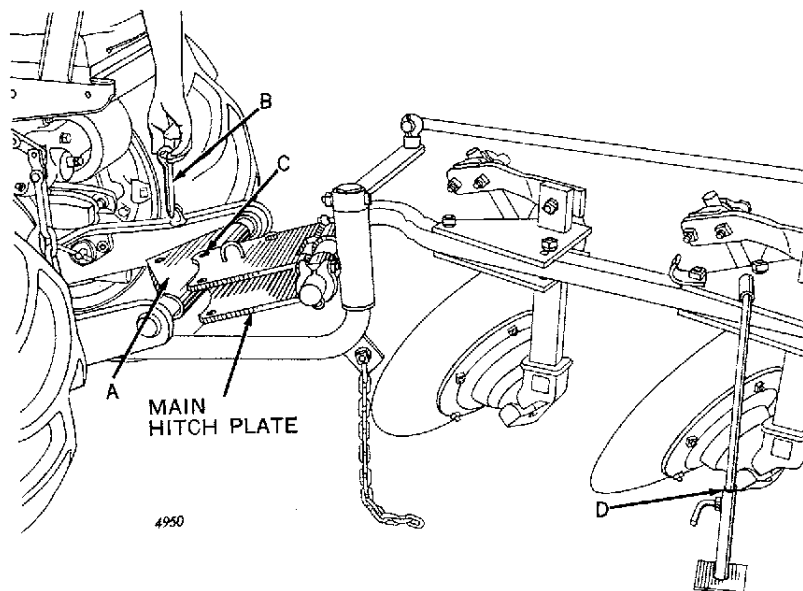


Figure 3—Attaching or Detaching Plow

ATTACHING PLOW TO TRACTOR

1. Position the plow so the main hitch plate, Figure 3, is approximately parallel to the ground and with the forward end of the depth control bar "A," Figure 4, blocked up between 10 and 14 inches above the ground.
NOTE: Do not attach hanger eyebolt "B," Figure 4, at this time.

2. Place inner hitch plate on tractor drawbar "A," Figure 3. Insert hitch pin "B" through hole in plate and drawbar.

3. Back the tractor to the plow slowly, guiding the control bar "A," Figure 4, into depth control hanger "C."

4. Line up main hitch plate with plate on drawbar as shown in Figure 3, using Touch-o-matic control lever. Do not pull hitch pin "B" until hole at "C" is within one or two inches away. Then pull pin, line up holes in plates and drawbar, and insert the pin.

5. Pull depth control bar "A," Figure 4, to left side of hanger and attach hanger eyebolt as shown at "B" for the Model "M" Tractor. On the Model "MT" Tractor hold control bar "A" in the center with two eyebolts, "B," as shown in Figure 5.

6. Raise the plow with the Touch-o-matic lever and attach depth-adjusting chain as shown in Figure 6. Swing the support stand "D," Figure 3, up and onto the frame and the plow is ready for work.

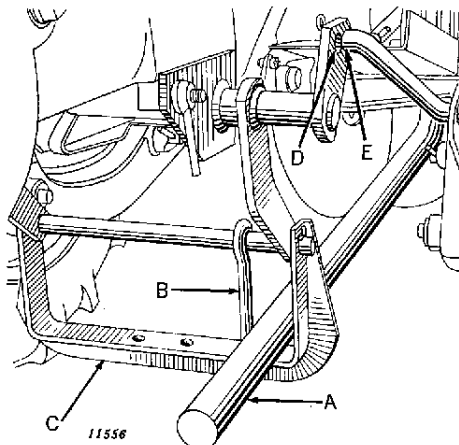


Figure 4—Control Bar and Power Depth Control—Model "M"

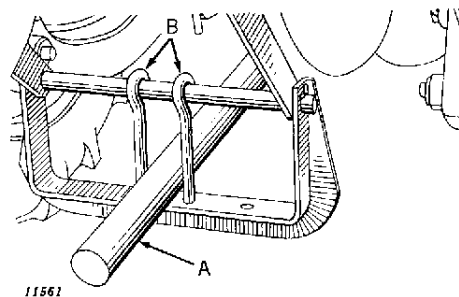


Figure 5—Control Bar and Power Depth Control—Model "MT"

BACKING UP PLOW

Place back-up pin in position as shown in Figure 1. The use of this pin facilitates backing up the plow. Remove the pin for plowing or transporting forward.

DETACHING PLOW FROM TRACTOR

1. Lower plow onto an approximately level surface.

2. Place support stand in position as shown at "D," Figure 3.

NOTE: Length of support stand is adjustable so that the main hitch plate will not bind when attaching or detaching.

3. Depth adjusting chain must be **detached** when detaching plow from tractor.

4. Pull hitch pin and drive tractor forward.

ADJUSTING FOR GROUND CONDITIONS

In order to meet both hard- and soft-ground conditions, it may be necessary to regulate the width of cut of your plow. There are two adjustments on each disk standard: narrow or hard-ground setting and wide or soft-ground setting.

Each disk can be adjusted to cut a furrow slice from 7 inches to 9 inches in width. Two holes at "A" and at "B," Figure 6, provide this adjustment. The disk standards are shown in the narrow or hard-ground setting. In conjunction with this adjustment it will be necessary in extreme conditions to move the rear furrow wheel toward or away from the furrow wall. See three holes at "D," Figure 6. Remove bolt, move rear axle support to left, and place the bolt in left hole for **hard ground**. Use center hole for medium or average conditions and right hole for soft ground.

Correct any front disk overcutting, by loosening the clamps at "C," Figure 6, and sliding the plow toward the furrow wall. Move the plow away from the furrow wall if the front disk undercuts.

NOTE: When any of the above adjustments are made, it will probably be necessary to realign the rear wheel. See "E," Figure 6.

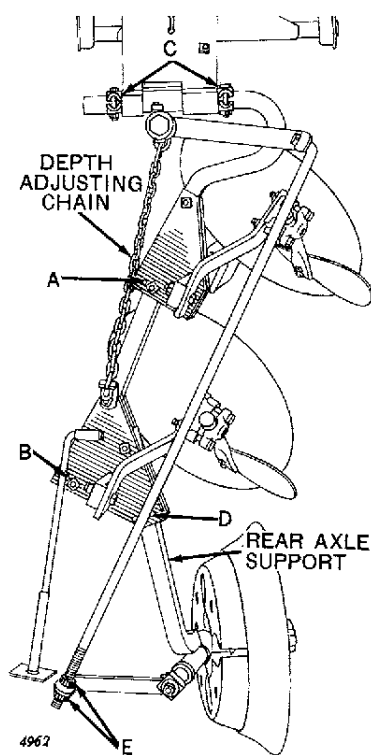


Figure 6—Width of Cut Adjustments

ADJUSTING DEPTH

Touch-o-matic Control. The depth of plowing is accurately controlled, to any depth required within the depth range of the plow being used by the Touch-o-matic control of the tractor. See your operator's manual

Thank you so much for reading.
Please click the “Buy Now!”
button below to download the
complete manual.



After you pay.

You can download the most
perfect and complete manual in
the world immediately.

Our support email:

ebooklibonline@outlook.com