

**McCormick  
C-151  
Disk Plow  
for use with  
Farmall C and  
Super C Tractors  
Setting Up  
Instructions**

**Owners Manual**

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Reprinted

***CASE III***

# *Owner's Manual*



SETTING UP INSTRUCTIONS

**McCORMICK**

**C-151**

**Disk Plow**

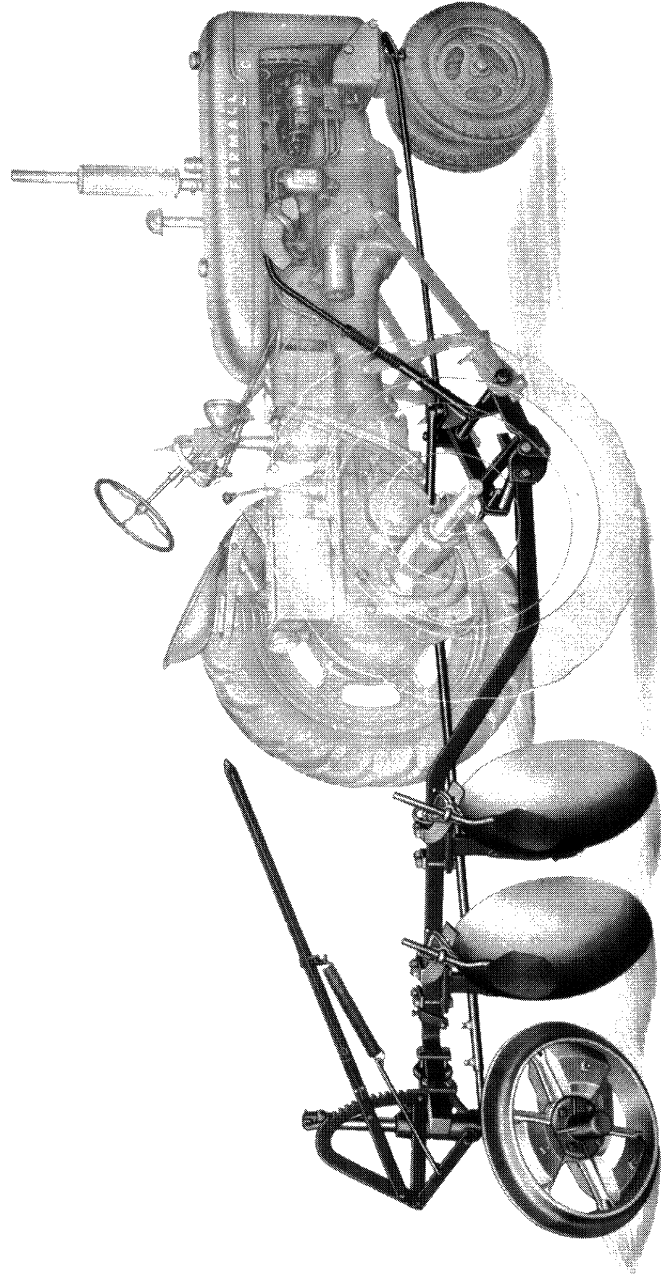
for use with

**Farmall C and Super C Tractors**

**INTERNATIONAL HARVESTER COMPANY**

180 North Michigan Ave.

Chicago 1, Illinois, U. S. A.



C-151 Direct-Connected Two-Disk Plow.

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## TO THE OWNER

The C-151 Disk Plow is used with the Farmall C and Super C Tractors equipped with Hydraulic Touch Control. The hydraulic touch control, integral with the tractor, does the job of adjusting the plowing depth and raises and lowers the plow. The levers by which the control is operated are on the control pedestal convenient to the driver. One manual control lever at the rear of the plow is used occasionally for "opening up" or when varying conditions of the soil require it. The total width of cut for the two disks is 17".

This machine is compact and close-coupled for easy operation in any field. The rear wheel is automatically steered from the front of the tractor, making it easy to follow curving terraces, to plow out corners or back up in tight spots.

Excellent work may be done in hard dry ground, in sticky soil or in stony or root-infested land. The disk standard adjustments are of especial value when building and maintaining terraces because of the improved pitching action in loose ground. With the proper setting, large quantities of soil may be moved to the desired location.

Ample adjustment is provided in the disk standards to meet the requirements imposed by the wide variety of field conditions which may be encountered. The disks may be tilted forward or back from the normal position to change the vertical angle. The disks may also be turned a total of 10° of angle on a vertical axis to change the cutting angle to meet unusual field conditions.

Three pairs of wheel weights are provided for use on the rear wheel of the plow. It is desirable at times, when the soil is packed and hard, to use additional weight on the rear wheel. Three pairs of wheel weights may be added to those already on the wheel. These are available on special order.

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You are urged to consult your International Harvester dealer concerning special plowing problems. Within the International Harvester Company are men who have spent years in research and study of plowing conditions. Let the experience of these men serve you.

Be sure to read the Instructions for Adjusting and Operating in this manual. Check each item referred to and acquaint yourself with the adjustments required to do a good plowing job and to get maximum trouble-free service from your equipment.

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Remember, a plow which is properly lubricated and adjusted saves time, labor and fuel costs.

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All illustrations and descriptive matter in this publication apply to International Harvester products sold under the McCormick, McCormick-International, McCormick-Deering, or McCormick-Deering International trade name.

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## INSTRUCTIONS FOR ADJUSTING AND OPERATING

(Setting Up Instructions are on page 9)

### GENERAL

To obtain the maximum wear from the disk blades, run the plow level and see that the front disk cuts approximately  $8\frac{1}{2}$ ".

The rear wheel bearing may be subjected to considerable unnecessary wear if the wheel is not properly adjusted. Be sure the wheel runs straight with the furrow.

After the plow has been used a short time, check all bolts and set screws to make sure they are tight and see that all cotter pins are spread sufficiently to keep them from falling out.

### WHEN RAISING THE PLOW

When setting up or remounting the plow, see that all joints work freely and do not bind.

Raise the machine slowly and watch closely to see that it is so adjusted that no parts strike the tractor before completing the full stroke.

### REMOVE THE VARNISH BEFORE STARTING THE PLOW

Disks and scrapers are finished to give them a high polish and are varnished before leaving the factory to prevent them from rusting. Good work cannot be accomplished until the varnish is removed.

**VARNISH REMOVER:** The recommended method is to use a regular prepared varnish remover which can be obtained from almost any store handling a line of paints.

**CONCENTRATED LYE:** Another method is to procure ordinary concentrated lye and mix it with water, making liquid strong enough to remove the varnish. One small can of ordinary lye to one quart of water will be sufficient to remove the varnish from one disk. The lye may be applied by cloth or waste attached on the end of a stick. After applying the lye, let it stand for a few minutes, and if necessary, repeat the operation. **CAUTION!** Lye is poisonous and should be kept away from the face, hands and clothing. The plow should be used immediately to prevent the finished surfaces from rusting.

Whichever method is followed, be sure that all the varnish is removed before attempting to plow.

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## LUBRICATION

Use the pressure lubricating gun furnished with the tractor and lubricate the following places twice daily when the plow is in use:

One straight fitting . . . . . in axle bracket.

Two straight fittings . . . . . in disk bearings.

Two 67-1/2° elbow fittings . . . . . in wheel boxes.

When lubricating the disk bearings and wheel boxes, be sure to force the lubricant all the way through the bearings until it begins to come out around the edges. Continue to force the lubricant in until the bearing is lubricated its entire length.

Remember - lubricant is cheap and new bearings are costly. Use lubricant liberally.

## TRACTOR WHEEL WEIGHTS

To secure added traction for tough plowing and to better stabilize the tractor, adding weight on the tractor wheels is recommended. For this purpose liquid, such as a calcium chloride solution, can be placed in the rear tires, or one or two wheel weights (available from your dealer) may be attached to the rear wheels. In very loose soil it may be necessary to use both the liquid and the weights to prevent excessive tire slippage.

## OPENING UP A LAND

When opening up a land, first set the rear adjusting lever to within two or three notches of the top of the quadrant, then pull the left touch control lever to the rear until the plow is working at the desired depth.

After the first furrow is opened, level the plow with the rear lever by setting it near the center of the quadrant, then set the touch control lever to the desired plowing depth.

## PLOWING DEPTH

The plowing depth is regulated by the left touch control lever which raises and lowers the hitch and the front end of the plow; this adjustment is made by the operator from the tractor seat.

The depth adjusting link is provided with a screw adjustment for changing the height of the hitch for extreme or unusual conditions. When desired, this link may be lengthened for deeper plowing, for opening up a land, or when maximum tire sizes are used on the rear wheels of the tractor.

## WIDTH OF CUT

The width of cut is determined by the way the tractor is driven, by the tractor wheel tread, and by the way the plow is adjusted. See that the front disk cuts the correct width, which is one-half of the total cut or 8-1/2". Note that it may be necessary to set the right rear wheel outward slightly when the tractor is equipped with large tires.

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