

# John Deere Seeding Attachment for 500C-H, 700C-H and 800C-H Series Disk Tillers



JOHN DEERE

## OPERATORS MANUAL

John Deere Seeding Attachment for 500C-H,  
700C-H and 800C-H Series Disk Tillers

OMW12550 E0 English

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ENGLISH



## INTRODUCTION

Your new John Deere Disk Tiller Seeding Attachment is designed to give dependable service over a long period of time. Its strong construction combined with dependable and accurate feeds make it an ideal seeding unit.

The way you operate your seeding attachment, and the care given it, will have much to do with the satisfactory service received. This manual has been prepared and illustrated to give assistance in correct operation. Study the manual carefully and keep it handy for future reference.

When in need of parts, go to your local John Deere dealer, he and the John Deere Branch House behind him are prepared to give you prompt and efficient service. Be sure to give him the correct part number and description of the part required. Always give him the size of your attachment when ordering parts.

**John Deere Seeding Attachment for Disk Tiller**

**Size** ..... **Date Purchased** .....

*(To be filled in by Purchaser)*

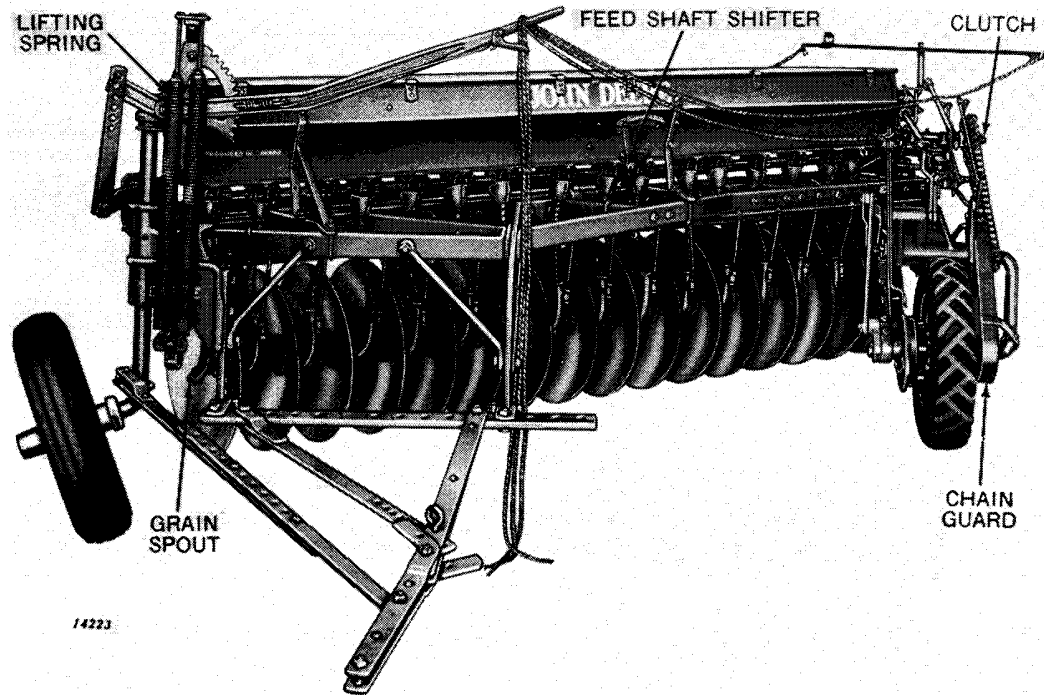


Figure 1—Front View of John Deere 800C Disk Tiller and Seeding Attachment

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## SPECIFICATIONS AND DATA

Model	Number of Feeds	Approx. Planting Width	Capacity of Grain Box	Approx. Width
500C-H	11	78"	4-1/4 Bu.	376 lbs.
700C-H	13	90"	5-1/4 Bu.	418 lbs.
800C-H	16	108"	6-1/2 Bu.	484 lbs.

Drive—From land wheel of disk tiller.

Seed Distribution—Drilled in rows.

*(Detail design subject to change without notice)*

## LUBRICATION

Keep all moving parts clean.

Grease frequently, using a light grade of pressure gun grease, at all grease fittings. Oil all moving parts, not fitted with grease fittings, with machine oil.

Do not leave excess grease on machine after greasing. Excess grease will accumulate dust causing parts to wear.

Do not oil grain feeds—if copper carbonate or other inoculates are used, put kerosene on the moving parts twice daily.

# OPERATION

Before starting to operate the seeding attachment, be sure all bolts, nuts, pins, and keys are tight and that cotter pins are spread. This is important. Lubricate all working parts freely. Examine all grain feeds carefully before filling grain box.

## STEEL CHAINS

Run hook end of link forward and slot or open side out, see Figure 2.

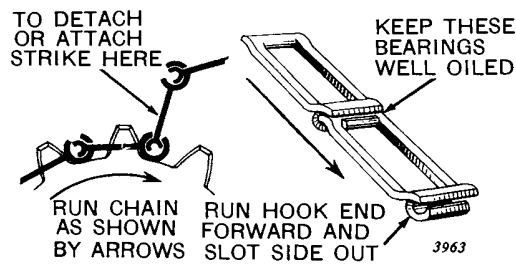


Figure 2

## CLEANING GRAIN FEEDS

Before putting seed in box, make sure feed shaft turns freely. If feeds stick, check for foreign objects in feeds. If feeds turn hard, loosen moving parts of feed shaft with kerosene.

Occasionally, the bottom of the feed cups should be cleaned. Remove the grain tubes and drop the adjustable gate.

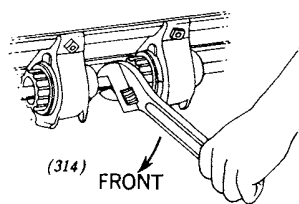


Figure 3—Turning Feed Shaft

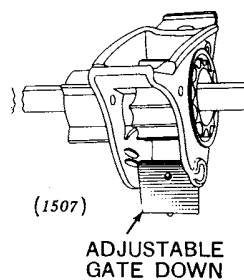


Figure 4—Cleaning Feed Cup

## MEASURING LAND

To find the number of acres in a body of land, multiply the length by the width (in rods) and divide the product by 160. When the opposite sides are unequal, add them, and take half the sum for the mean length or width.

An acre contains 160 square rods, 4,840 square yards, or 43,560 square feet. A square acre measures 208.71 feet on each side.

## LAND MEASURER

To know if the correct amount of seed is being drilled, an accurate check of acreage covered must be kept. The land measurer automatically records the acres covered and makes it possible to check the amount of seed being drilled at any time.

Keep land measurer screw and land measurer bottom gear free from dust and dirt.

The land measurer may measure differently than the assumed acreage in a field because of the following reasons:

1. Plot of land contains more or less acres than assumed.
2. Overlapping when drilling or leaving too wide a space between rows on each trip across the field.
3. Loss of tillable acreage because of fences.

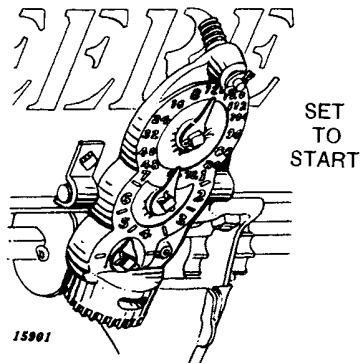


Figure 5

### Setting Land Measurer.

Pull land measurer out at the bottom, away from screw on feed shaft, and turn bottom wheel to right until indicator on lower circle points to No. 4 or straight up.

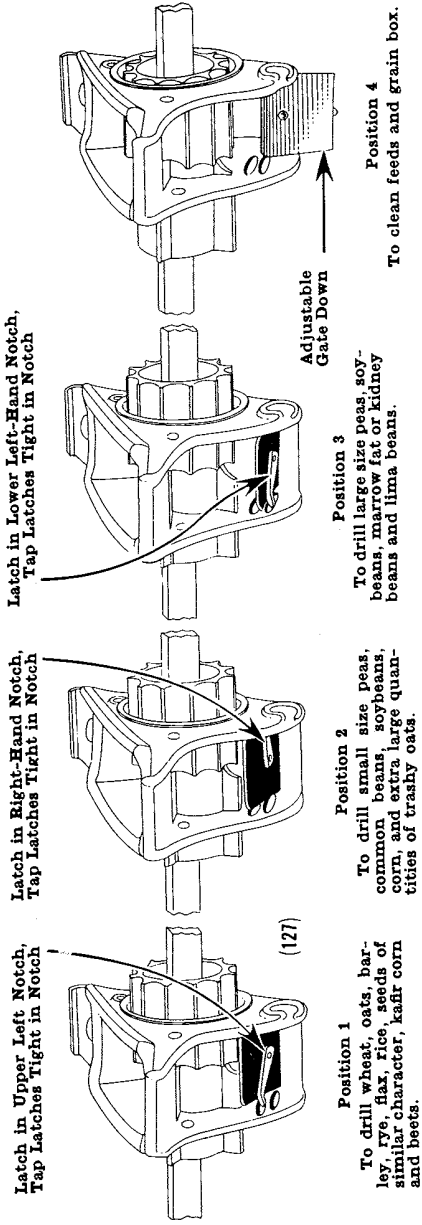
Turn indicator on center circle, using a wrench on post, until it points to the right.

Turn indicator on top circle, using wrench, to the largest number.

Turn indicator on center circle to left, to largest number, as shown by arrow.

# OPERATION OF GRAIN FEEDS

## SETTING FEED GATES



It is very important that the feed gates be set alike and that the proper setting is used for the particular seed being drilled.

Improper setting of gates will result in uneven drilling, wrong quantities being drilled, and crushing of the seed.



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