

**SIDE-DRESSING
ATTACHMENT TWO-ROW
NO. 200B FOR CULTIVATORS
USED ON MODELS "MT,"
"B," "A," "G," "40,"
"50," AND "60" TRACTORS**



JOHN DEERE

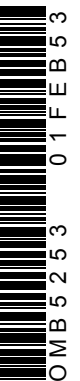
OPERATORS MANUAL

SIDE-DRESSING ATTACHMENT TWO-ROW NO.
200B FOR CULTIVATORS USED ON MODELS
"MT," "B," "A," "G," "40," "50," AND "60" TRACTORS

OMB5253 (01FEB53) English

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TO THE PURCHASER

The purpose of this manual is to acquaint you with the operation and service of your new No. 200B Side Dressing Attachment.

The successful operation of your No. 200B Side Dressing Attachment, which is designed to give you many years of satisfactory service, depends on the care given it and how it is operated. This manual contains all the information you need to get top performance from the machine. Study the manual carefully. Make it your guide. Refer to it often.

At some future date, your No. 200B Side Dressing Attachment may need service not covered by this manual. At that time, we suggest you take advantage of the facilities offered by your John Deere dealer. He has trained mechanics, who have the latest information on John Deere service, and can give you prompt "know-how" service in the field or shop.

When in need of parts, go to your John Deere dealer for genuine John Deere parts. For prompt service, give him the correct part number, a complete description of the part, the model of the machine, and the year purchased. Record the date purchased in the space below for handy reference.

Identification Information.

My John Deere No. 200B Side Dressing Attachment was purchased

NOTE: When the terms "right" or "left" are used, it means from a position behind the tractor facing the front.

(It is John Deere policy to improve our machines at every opportunity. Consequently, it may be necessary to change design without notice.)

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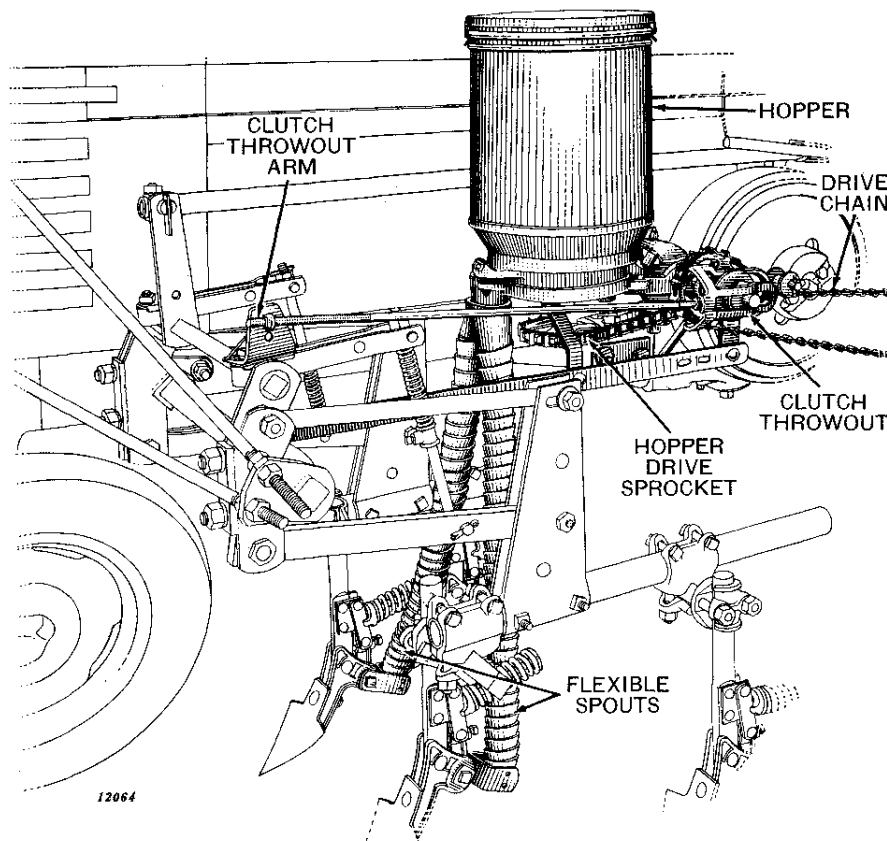


Figure 1—No. 200B Side Dressing Attachment

OPERATION OF FERTILIZER ATTACHMENT THROW-OUT MECHANISM

The fertilizer drive is automatically thrown out of gear when the cultivator is raised. The drive is automatically engaged again when cultivator is lowered. The fertilizer drive can be disengaged by removing the fertilizer drive chains. These chains can be removed without taking them apart by merely holding the chain idlers out of the way.

Regulation of Quantity: The quantity of fertilizer distributed is regulated by opening or closing the feed gate by means of the nuts on the adjusting rod attached to the feed gate. This control is very sensitive so that very little movement of the feed gate will make a considerable change in the amount of fertilizer applied. Changing drive chains to different sprockets will also affect fertilizer feed. Best results can be obtained by using small sprocket on tractor axle and large sprocket on drill shaft. If this does not distribute enough fertilizer, a faster sprocket combination will be necessary.

IMPORTANT

Clean fertilizer hopper daily to insure satisfactory operation and long life. When through fertilizing for the season, clean thoroughly and, if possible, paint inside of fertilizer cans.

LUBRICATION

- 1.. Gear case "A," Figure 8, should be half filled with a good grade of pressure gun grease.
2. Oil chain idler bearings on both sides of planter.
3. Apply grease with pressure gun through grease fittings on bottom plate bearing of each hopper.

ASSEMBLY

SHIPPING BUNDLES FOR No. 200B TWO- ROW SIDE DRESSING ATTACHMENT

- 1—Bundle No. 3286B Hopper supports for Models “MT” and “40” Tractors
- 1—Bundle No. 3258B Hopper supports for Models “B,” “A,” “G,” “50,” and “60” Tractors
- 1—Bundle No. 2819B Fertilizer hoppers
- 1—Bundle No. 3482B Fertilizer side dressing drive for Models “MT,” “B,” “A,” “G,” “40,” “50,” and “60” Tractors
- 1—Bundle No. 2847B Side dressing spouts
- 1—Bundle No. 3287B Drive sprockets and chains for Models “MT” and “40” Tractors
- 1—Bundle No. 2816B Drive sprockets and chains for Model “B” Tractor
- 1—Bundle No. 2817B Drive sprockets and chains for Model “A” Tractor
- 1—Bundle No. 2818B Drive sprockets and chains for Model “G” Tractor
- 1—Bundle No. 3574B Drive sprockets and chains for Model “50” Tractor
- 1—Bundle No. 3511B Drive sprockets and chains for Model “60” Tractor
- 1—Bundle No. 2969B Spacer castings for Model “B” Tractors, Serial Nos. 136,662 to 166,999 (as ordered)
- 1—Bundle No. 2994B Clutch throw-out parts
- 1—Bundle No. 3245B Counter drive shaft attachment (as ordered) for Models “BN,” “BW,” “AN,” and “AW” Tractors
- 1—Bundle No. 3481B Narrow attachment (as ordered)
- 1—Bundle No. 3527B Spout holder brackets for cultivator spring teeth or quick adjustable shanks

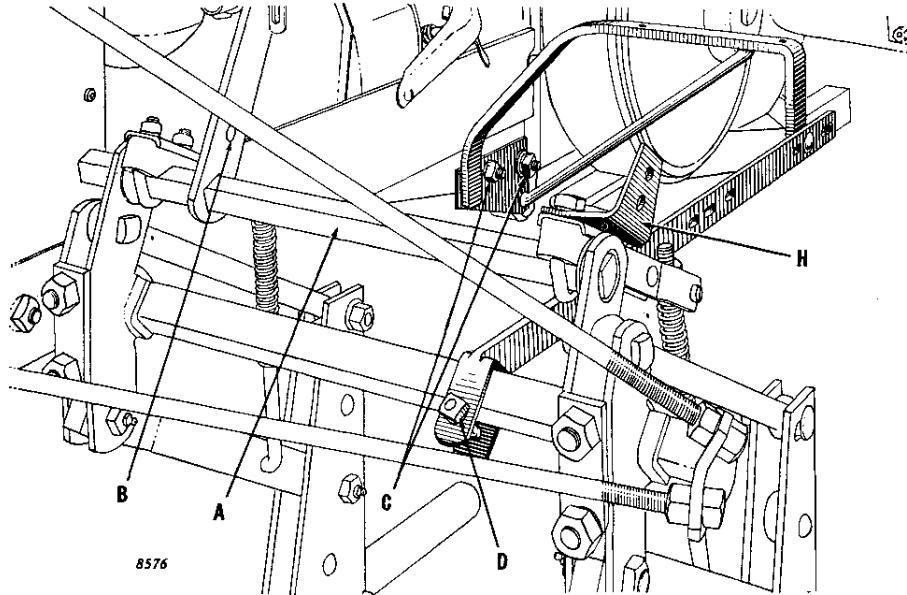


Figure 2

When installing side dressing attachment on Model "B" Tractors having cast-iron frames and Serial Numbers 136,662 to 166,999, it is necessary to use spacers P990B with two 5/8" x 2-3/4" machine bolts, between tractor frame and hopper support bracket. These spacers (Bundle No. 2969B) must be ordered extra.

1. Bolt the hopper supports to tractor. (These are right and left.) For Models "B," "A," "G," "50," and "60" Tractors, attach as at "C," Figure 2. To attach to the Model "MT" and "40" Tractors, see Figure 3. (These are right and left.) When installing on a Model "G" Tractor, use the machine bolts that are shipped with the drive sprockets and chains.

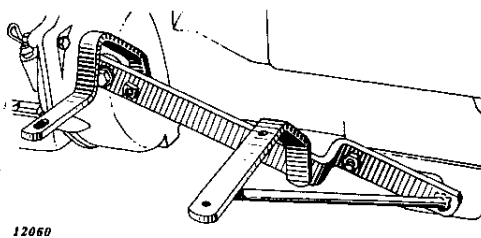


Figure 3

2. Attach hopper support brace to cultivator frame and hopper support, see "D," Figure 2, for Models "B," "A," "G," "50," and "60" Tractors.

3. Bolt gear case and drive assembly to hopper supports. (See "A," Figure 5.)

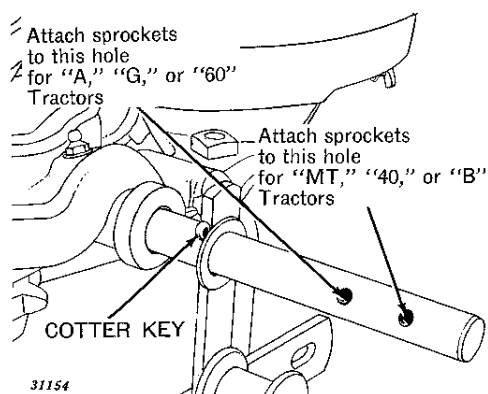


Figure 4

4. The gear case and drive assemblies are shipped with the sprockets on the outer ends of the drill shafts. This is the necessary position for Models "MT," "40," "B," and "50" Tractors in order to get proper alignment of the drive chains. If mounting on Models "A," "60," or "G" Tractors, remove the cotter keys, leave the flat washers on drill shafts, and pin the sprockets on drill shafts using hole indicated in Figure 4.

5. Attach throw-out bracket as shown at "H," Figure 2.

6. Install clutch throw-out rod "B," Figure 5. The throw-out casting on the throw-out rod must be slipped over end of drill shaft before other end of rod is attached. Attach end of throw-out rod to bracket "C," Figure 5. Adjust length of throw-out rod when cultivator is in lifted position, so that drive parts are thrown out of gear.

7. Install drive sprockets on tractor axles. Be sure to line them up with the sprockets on planter drill shaft. These sprockets are held in place with two hollow-head set screws. Use special wrench furnished.

8. Install drive chains from axle sprockets to sprockets on planter drill

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