

BRINLY

Model CC-500 Row Crop Cultivator

(Reversible)

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OPERATING INSTRUCTIONS

This versatile Cultivator can be used to straddle the row or work between rows. In most conditions, the Cultivator should be set up as shown in View I. The Hex Nut and the two Wedge Locks on Adjusting Bars (C167), allow quick widening or narrowing of Cultivator Frame for different row widths or for changing from straddle row to between row cultivation. By sliding Carriage Bolt forward or backward, outer frame channels can be readily moved in or out. Always keep Adjusting Bars in one of last three notches of outer frame channel for maximum frame rigidity. The extra Standard and Shovel must be mounted between center frame channels for between row work.

For nurseries or gardens where row centers can be

spaced 40 inches or wider, and tractor can work easily between rows, the Cultivator can be reversed as shown in View II. Again, the extra Standard and Shovel should be used.

Wedge Locks allow quick adjusting or repositioning of Shovels, Gauge Wheels and other accessories.

Additional weight is not normally needed for cultivating light soil. However, it is necessary when soil is heavy, crusted, and/or thickly weeded. To improve cultivator penetration and stability, an 8" x 8" x 16" concrete building block should be attached to center frame channels with furnished 1/2 x 11 1/2 Carriage Bolt, Strap and Hex Nut.

LIMITED WARRANTY

We warrant each Brinly Product sold by us to be free from manufacturing defects in normal service for a period of one (1) year, commencing with delivery to the original retail user.

Our obligation under this warranty is expressly limited, at our option, to the replacement or repair at Brinly-Hardy Company, (340 E. Main Street, Louisville, Ky. 40202) of such part or parts as inspection shall disclose to have been defective. This warranty does not apply to defects caused by damage or unreasonable use (including failure to provide reasonable and necessary maintenance) while in the possession of the consumer.

WE SHALL NOT BE LIABLE FOR CONSEQUENTIAL DAMAGES OF ANY KIND, including but not limited to, consequential labor costs or transportation charges in connection with the replacement or repair of defective parts.

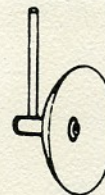
ANY IMPLIED OR STATUTORY WARRANTIES, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE EXPRESSLY LIMITED TO THE DURATION OF THIS WRITTEN WARRANTY. We make no other express warranty, nor is anyone authorized to make any in our behalf.

For parts and service, see your local dealer.

Use part NAME and NUMBER when ordering.

ATTACHMENTS

available for the Brinly Cultivator



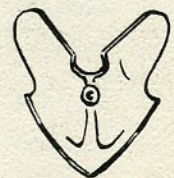
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DISK HILLER



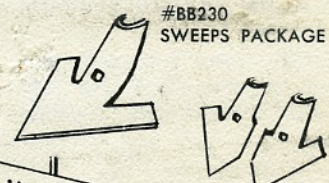
#TT101
SCRATCHER
RAKE KIT



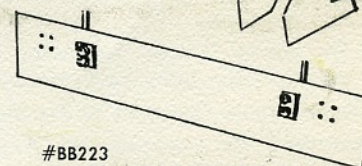
#BB231
SHOVEL
PACKAGE
ATTACHMENT



#B316 (8")
FURROW OPENER



#BB230
SWEEPS PACKAGE



#BB223
ADJUSTABLE LEVELING BLADE
W/WINGS



BRINLY-HARDY COMPANY, Inc.
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BRINLY CC-500 CULTIVATOR ASSEMBLY INSTRUCTIONS

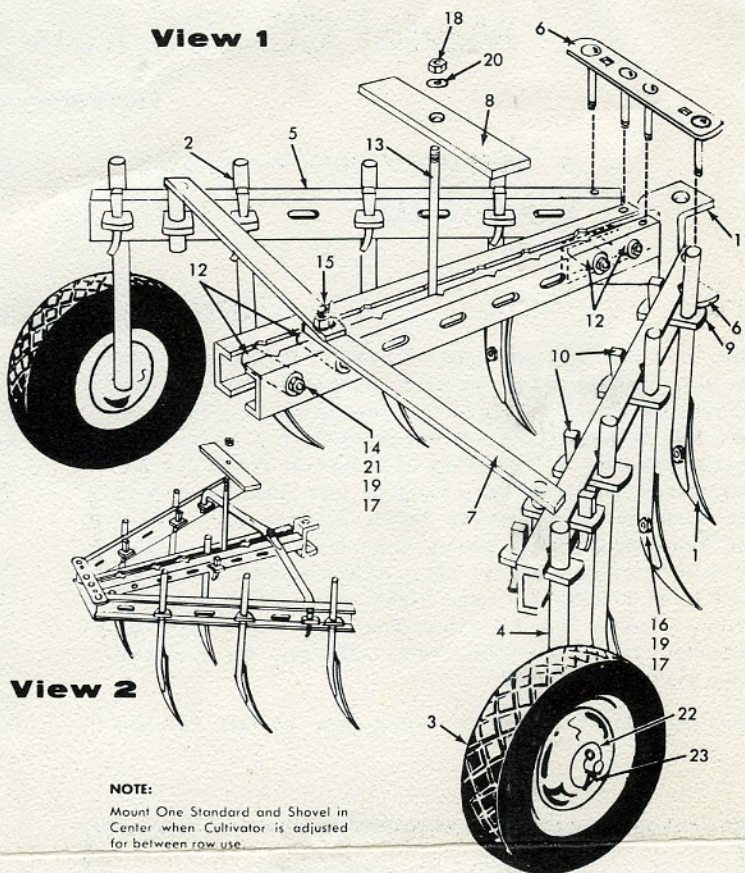
PARTS LIST

NOTE: When ordering parts give Part No. and Description.

Ref. No.	Part No.	Qty.	Description
1	B107	7	Reversible Shovel
2	C121	7	Standard
3	C123	2	Rubber Tire Wheel
4	C124	2	Wheel Strut Assembly
5	C165	4	Side Rail
6	C166	2	Tie Strap
7	C167	2	Adjusting Bar
8	C168	1	Weight Strap
9	C169	11	Standard Keeper
10	C170	11	Lock Wedge
11	C171	1	Hitch Assembly
12	C175	4	Spacer
13	C181	1	Carriage Bolt $\frac{1}{2}$ "x11 $\frac{1}{2}$ "
14	10M1248P	8	Carriage Bolt $\frac{3}{8}$ "x3"
15	10M1656P	1	Carriage Bolt $\frac{1}{2}$ "x3 $\frac{1}{2}$ "
16	15M1220P	7	Plow Bolt $\frac{3}{8}$ "x1 $\frac{1}{4}$ "
17	30M1200P	15	Hex Nut $\frac{3}{8}$ "
18	30M1600P	2	Hex Nut $\frac{1}{2}$ "
19	40M1200P	15	Lock Washer $\frac{3}{8}$ " Med.
20	40M1600P	2	Lock Washer $\frac{1}{2}$ " Med.
21	45M1416P	4	Plain Washer 7/16"
22	45M1822P	4	Washer 9/16"
23	50M0402P	2	Cotter Pin

ASSEMBLY FRAME

- Following illustration, insert 2 Spacers (C175) thru holes in Hitch Assembly (C171). Lay one Frame Channel on each side of Hitch Assembly with Spacers in place, and insert 2 Carriage Bolts thru Channels and Hitch Assembly. Insert 2 more Spacers between Channels at end opposite Hitch and insert Carriage Bolts thru Channels and Spacers. Assemble Plain Washer, Lock Washer and Nuts to Carriage Bolts and finger tighten.
- Assemble Tie Straps (C166), to center Channels at Hitch end with Carriage Bolts, Lock Washers and Nuts.
- Assemble outer Frame Channels to Tie Straps (C166).
- Follow illustration for assembly of Adjusting Bars, Shovel Standards, and Gauge Wheels.
- After assembling Frame part, tighten all bolts.



NOTE:

Mount One Standard and Shovel in Center when Cultivator is adjusted for between row use.

WEDGE LOCKS

- Insert Shovel Standard thru hole in Standard Keeper. (Fig. 1)
- Insert Keeper, with Standard in place, thru slot in Channel. (Fig. 2). Be sure that Shovel or Gauge Wheel Standards are on the notched side of Channel. Adjusting Bars may be assembled on either side of channel.
- With Standard in desired position, (Fig. 3), hammer Wedge downward until Standard is secured. Three or four sharp blows on Wedge are recommended to firmly seat Wedge, Keeper, and Standard.
- To remove or re-position Standards, lightly tap Wedge upward until loose. NOTE: DO NOT grind off or remove curved end of Wedge since it prevents Wedge from popping out when tapped loose.
- Set all Shovels to run straight with the direction of travel. Final adjustments will depend on ground conditions, running depth, and operator's desires.
- Gauge Wheels, when used, should be set to run approximately 2" shallower than tips of Shovels.

