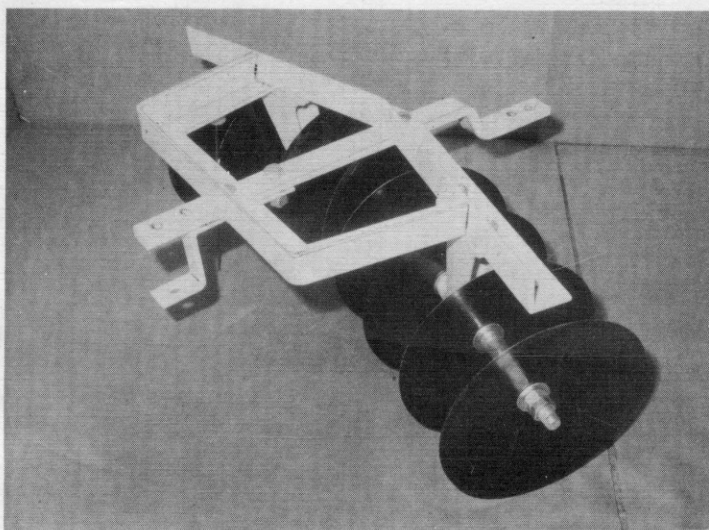


# BRINLY

## MODEL DD-500 DISC HARROW



COMBINATION FRONT  
OR TANDEM REAR  
DISC GANG ASSEMBLY

For use with Garden  
Tractors equipped  
with Sleeve or  
Slot Type Hitches

### ASSEMBLY INSTRUCTIONS OPERATING INSTRUCTIONS and PARTS LIST

### WARRANTY

This Brinly Product is guaranteed to the original retail purchaser for ONE YEAR from date of purchase. The Brinly-Hardy Company will replace free of charge f.o.b. Authorized Brinly Dealer, any part found to be defective when returned, TRANSPORTATION CHARGES PREPAID. The warranty will not apply to any products repaired or altered

outside of our factory which, in the Company's judgment, affects its conditions or operation. Neither will the warranty apply to any failures from misuse, negligence or accident. The Company also reserves the right to incorporate any changes in design without obligation to make these changes on units previously sold.

For Parts and Service, see your local Dealer. Use part NAME and NUMBER when ordering.

BRINLY-HARDY COMPANY, 340 EAST MAIN, LOUISVILLE, KY. 40202

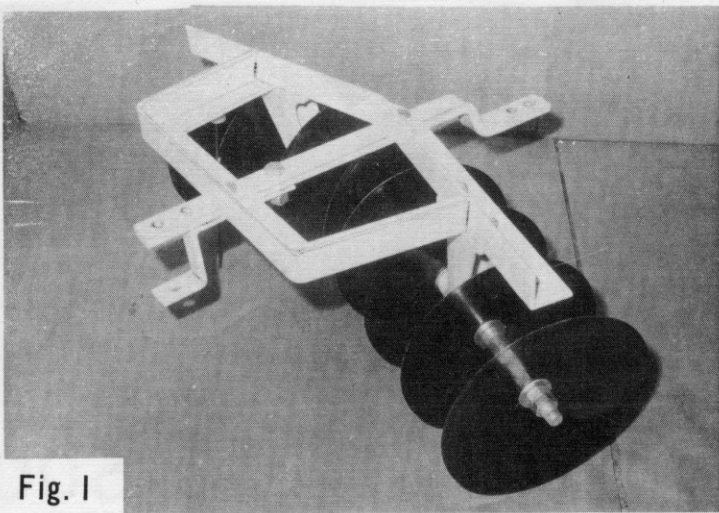


Fig. I

**Fig. I** shows Assembly of front Disk Harrow using Adaptor Coupler. The Coupler is used for attaching to Tractors equipped with tubular Sleeve Type Hitch only.

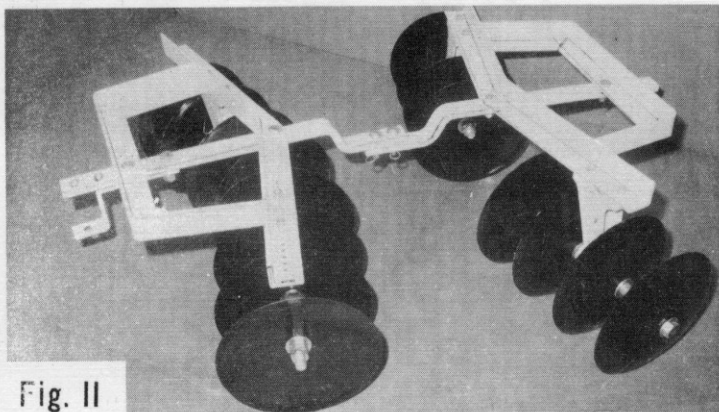


Fig. II

**Fig. II** shows Assembly of front and tandem Gangs for mounting to Tractors with tubular Sleeve Type Hitch only. **Do not attempt to lift front and tandem Gangs with Tractor Lift.**

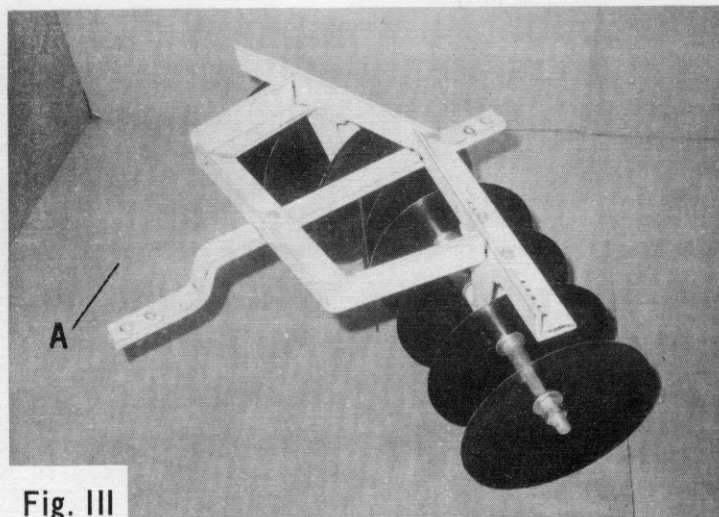


Fig. III

**Fig. III** shows Assembly of front Disk Harrow when used on Tractors equipped with Slot Type Hitch or Drawbar mountings. **Note:** Hitch Bar (A) should be turned over for mounting to higher Slot Type Hitches or Drawbars.

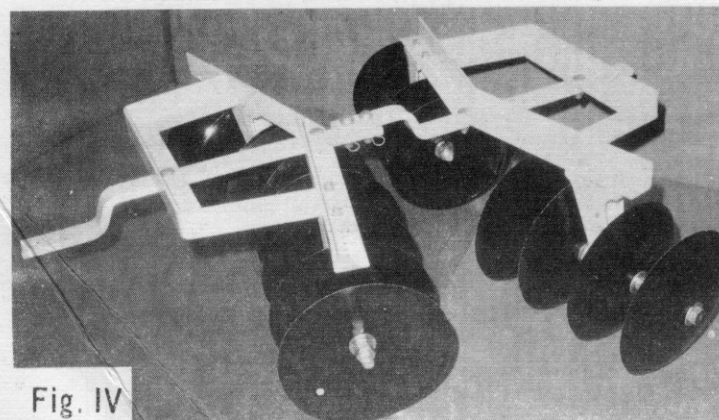


Fig. IV

**Fig. IV** shows Assembly of front and tandem Gangs for mounting to Tractors equipped with Slot Type Hitches or Drawbar mountings. **Do not attempt to lift front and tandem Gangs with Tractor Lift.**



## ASSEMBLY:

Assemble the two disk Gangs as shown on back page. Be sure the two unplated steel tubular Bearings are inside the two Bearing Hanger Castings before assembling. **Note:** Two nuts go on each Disc Gang Bolt and, after

assembly, be sure to grease bearings through the two grease fittings. Refer to Figs. I, II, III, or IV for final assembly, depending on Tractor Hitch type or operation of Disk (front or tandem).

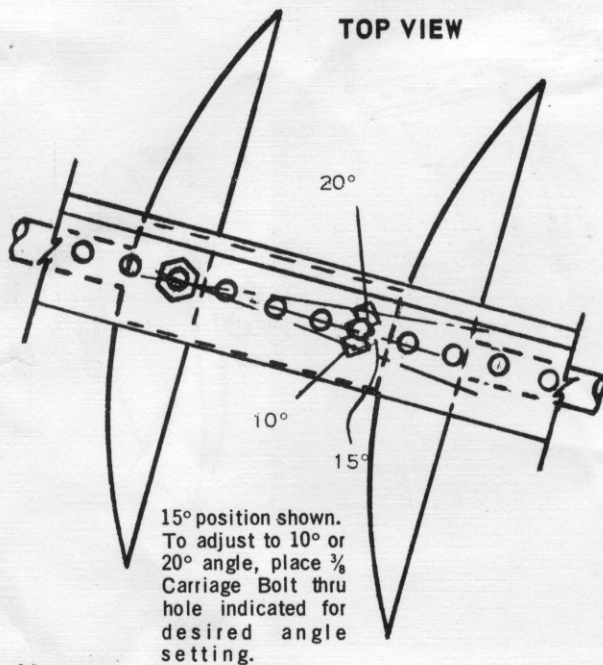


Fig. V

## OPERATION:

### FOR WORKING DOWN PLOWED GROUND:

(1) Set Disk Gangs at maximum angle of 20 degrees. (2) Place a standard 16" concrete building block or other heavy objects on top of the Harrow in the Angle Weight Box. Now, with the single Disk at maximum angle, dirt can be moved either out or in. To keep the ground relatively level, zig-zag and criss-cross while working. The type of soil and the weight on the Harrow will determine how many times you will have to go back and forth to get the kind of seed bed desired. Since the rear Gangs of the Harrow are always set in the opposite direction from

## DISK GANG ANGLING:

The Disk Gangs may be set at angles of 10°, 15°, or 20°, or may be moved together or apart. Fig. V shows how to obtain the three different angles by moving one Carriage Bolt into the correct adjusting hole in the casting. When a Tandem Unit is used with a front Disk, it is recommended that the Disk Gangs be adjusted as shown in Figs. II & IV. The front Disk Gang is set close in order to throw the dirt out, and the rear tandem Disk Gang is set apart approximately 8" to throw dirt in.

the front Gangs, the ground stays level and does not have to be worked as often.

## FOR CULTIVATION:

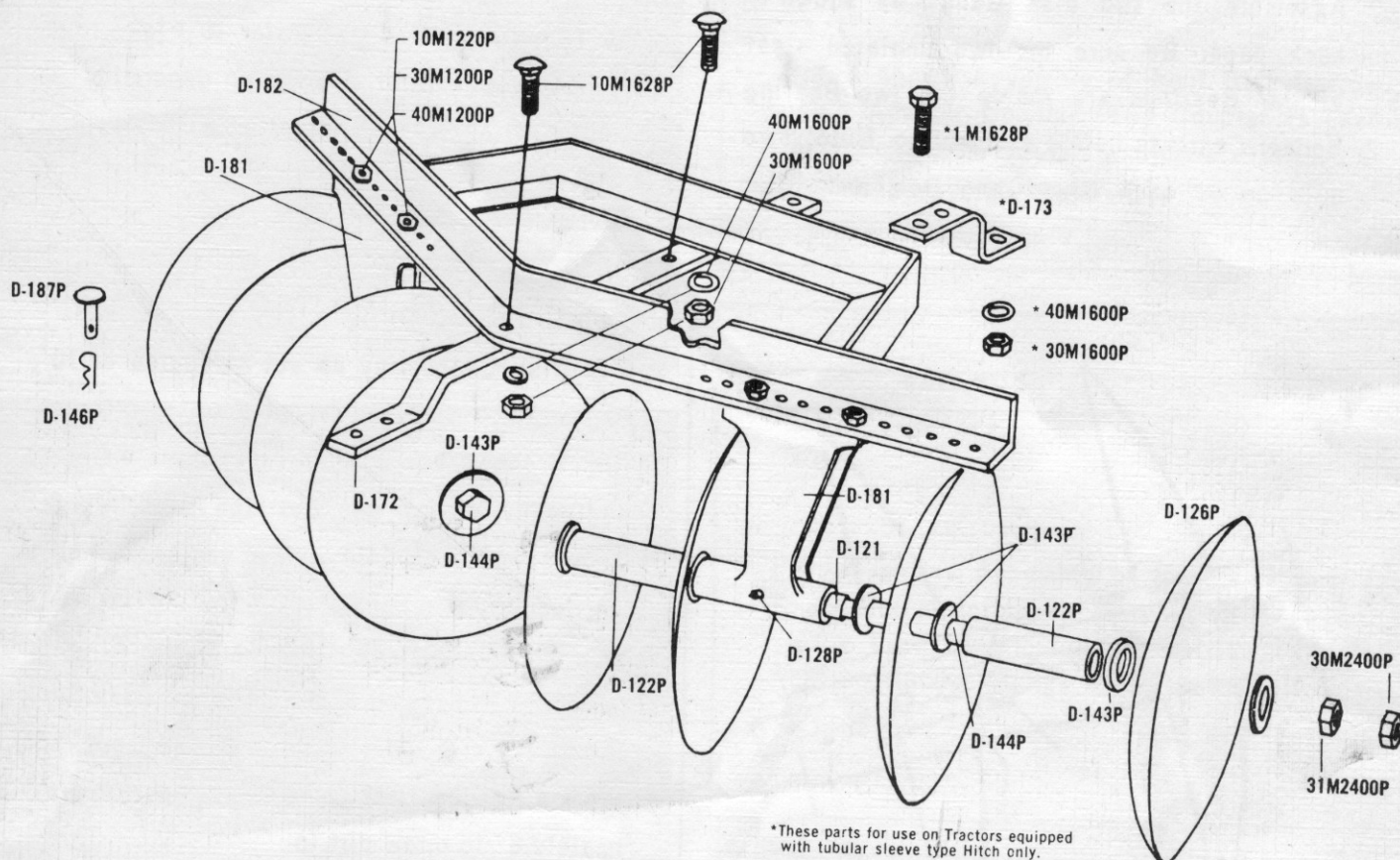
The Disc makes a very versatile cultivator when the plants are small. The Disk Gangs should be moved out to straddle the row and, by reversing sides, the Disks can be set to move dirt into the row or away from it.

The type of soil, the degree of angle and the weight on the Harrow will determine the depth of cut and the amount of dirt moved.

## LUBRICATION:

Grease Disc Bearings every four hours of use.

**Note:** When putting away the Disk Harrow for the winter, remember to grease the bearings and wipe grease or oil on the Disk Blades to prevent rust.



### REPAIR PARTS LIST—DD-500 DISC HARROW

PART NO.	NAME	QUANTITY	PART NO.	NAME	QUANTITY
D-182	Frame Assembly	1	10M1220P	Carriage Bolt (3/8-16x1¼)	4
D-172	Hitch Bar	1	40M1200P	Lockwasher (3/8")	4
D-181	Bearing Hanger	2	30M1200P	Hex Nut (3/8-16)	4
D-128P	Grease Fitting	2	40M1600P	Lock Washer-1/2"	1
D-121	Bearing	2	30M1600P	Hex Nut (Reg.) 1/2" - 13	1
D-122P	Spacer	4	30M2400P	Hex Nut (3/4-10)	2
D-126P	Disc Blade (11" Dia.)	8	31M2400P	Hex Nut (Jam-3/4-10)	2
D-143P	Flat Washer (3/4")	16	10M1628P	Carriage Bolt (½-13x1¼)	2
D-144P	Gang Bolt (3/4-10x16")	2	* 40M1600P	Lockwasher	1
D-146P	Hairpin Cotter	1	* 30M1600P	Hex Nut (1/2-13)	1
D-187P	Drilled Rivet	1	* 1M1628P	Hex Bolt (½x13x1¼)	1
			* D-173	Adaptor Coupler	1
*These parts for use on Tractors equipped with tubular sleeve type Hitch only.					