



TANDEM DISCS

**Operation, Service
& Parts Manual For
18-16-CBF-C, 20-20-CBF-C
& 20-24-CBF-C**

May 2000

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Date of Purchase: _____

Model Number: _____

Serial Number _____

INTRODUCTION

We welcome you as an owner of a Gearmore disc. Please read the following instructions and refer to them when required:

ASSEMBLY INSTRUCTIONS

The Gearmore discs come with assembled disc gangs, which greatly reduces the assembly time.

1. Install the black disc gang beam to the main frame. The two shorter beams to the front and the two longest ones on the rear.
2. Attach the disc gang assembly to the black beams.

NOTE: Make sure that the notched blades are on the front and the nuts on the disc gang bolt are to the outside. The smooth or plain blades go on the rear with the disc gang nut to the inside. The bearing brackets should be in a vertical position and not offset to either side.

3. Assemble a-frame with the front brace to the outside of hitch pin bracket with the hitch pin. Top braces mount to the inside of the front braces.

GENERAL MAINTENANCE

Carefully follow all instructions as stated in this operation manual. This includes safety, assembly, operation and maintenance of the disc.

1. Check all bolts for tightness.
2. Replace damaged or worn parts immediately.
3. No lubrication is required, as bearings are life time self-lubricated.

OPERATING INSTRUCTIONS



READ THIS BEFORE OPERATING DISC

Know your controls and how to stop tractor engine and disc quickly in an emergency. ***READ THIS OPERATOR'S MANUAL AND THE MANUAL PROVIDED WITH YOUR TRACTOR.***

To avoid accident or injury, ***do not*** allow anyone to operate this equipment without proper instructions. Any person who operates this equipment must be instructed in and be capable of the safe operation of the unit, its attachments and all controls.

DO NOT allow children to operate machine, or adults to operate it without proper instructions.

Disc should run level when 3-point hitch is pre-adjusted as recommended and disc blades are running between 3" to 5" deep. Depth of cut will vary depending on soil type, moisture content and weight of implement. Start disc operation at a slower comfortable speed; increase tractor speed as clods reduce size. The types of soil, moisture, and weight on disc will determine how many times you will have to go back and forth to get the kind of seed bed desired. For harder or dryer soils, additional weight may be added to improve penetration. Always operate disc with hitch hydraulic control lever in lowered "float" position. Ridging, sometimes caused by rear outer discs, can be reduced or eliminated by changing tractor speed, shortening upper link, or a combination of both. Always lift disc before turning at ends of field.

DO NOT make turns with the disc in the ground. Doing this will cause blade damage, which is not covered under warranty.

PREPARATION

PREPARATION OF TRACTOR

With hitch in the lowered position, adjust lower link arms until lower link ball ends are approximately 10" from the ground. Attach disc to lower links of hitch and secure with spring pins.

Connect upper link of tractor hitch to the mounting holes on upper part of main frame.

Secure with hitch pin and spring pin. When using a tandem disc, place the hitch in "float" and adjust upper link so that the front and rear gangs are on the ground.

Raise disc with lift and adjust stabilizer chains to prevent side sway in the transport position.

Be sure you read and understand the Operator's Instructional Manual.

GANG ANGLE ADJUSTMENT

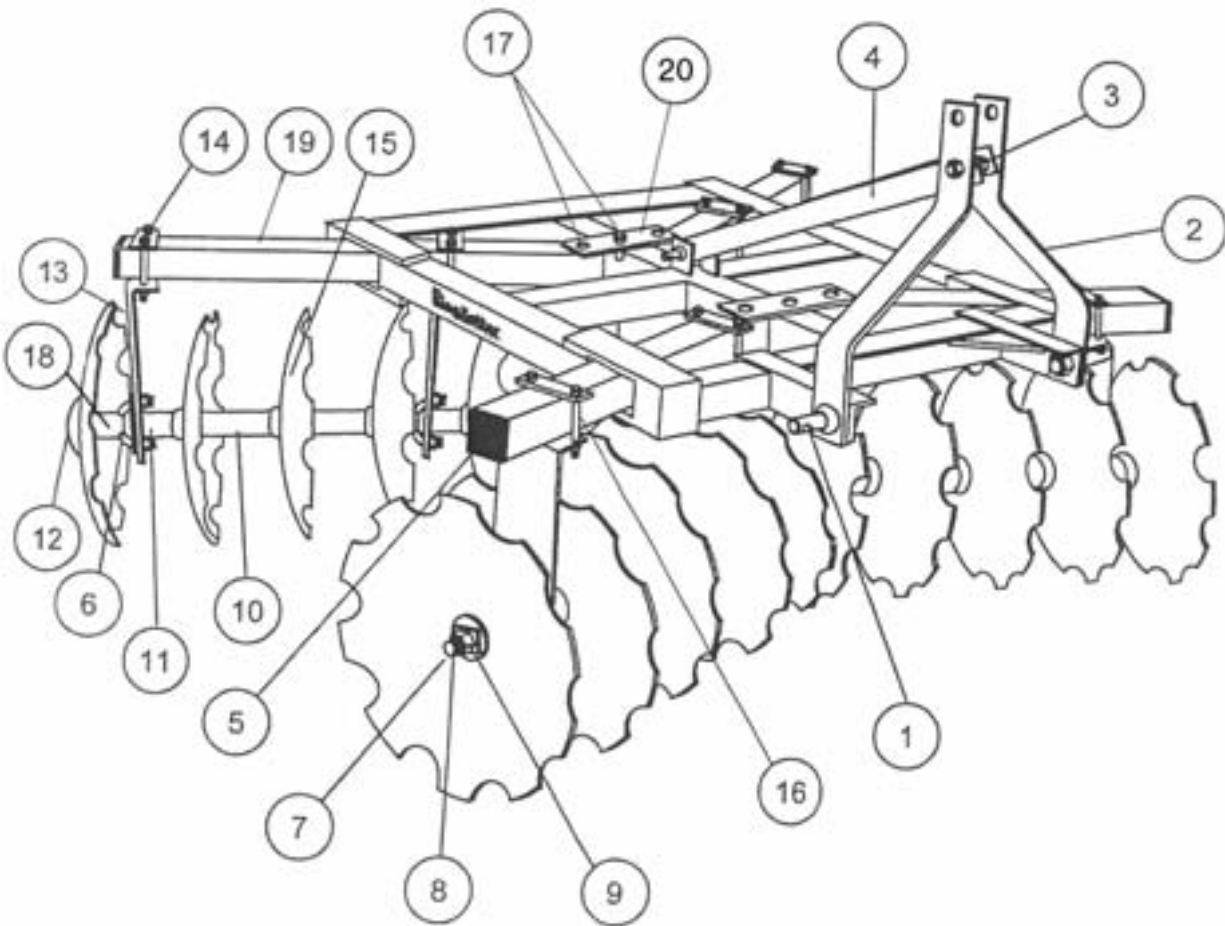
Your Gearmore Disc has 3 angle settings. If you are using your disc in loose soil, and it is digging too deep, reduce the gang angle cut. If your disc is not digging deep enough, increase the gang angle cut.

To adjust the gang angle cut, raise the disc a few inches off the ground and block it up. Loosen the hex head bolts in each disc gang mounting bar where it mounts to the main frame. Remove the bolts from the bar and move the gang to the front or back. Re-install the bolts and tighten.

OPERATIONAL SAFETY

- Read the operator's manual before using any equipment.
- **NEVER** allow children to operate tractor and disc or other power equipment.
- Know how to stop the tractor quickly in the event of an emergency.
- Instruct children and other persons to stay away from the tractor and disc when it is in operation.
- **ALWAYS** remove the key when leaving the tractor unattended.
- **NEVER** allow disc to be left in the "up" position when unattended.
- Give complete undivided attention to the job at hand.
- **NEVER** allow riders.
- Stop the engine when dismounting from the tractor.
- Use caution when operating the tractor on uneven terrain. Decrease speed when making turns. Use front and rear wheel weights as required.
- Add sufficient amount of weight to front end of tractor to prevent wheels from coming off the ground when starting suddenly with a load.

BOX FRAME DISC



BOX FRAME DISC

<u>REF #</u>	<u>PART NUMBER</u>			<u>DESCRIPTION</u>
	<u>5'</u>	<u>6-1/2'</u>	<u>7-1/2'</u>	
1	500001	500001	500001	Cat. 1 lift pin (2/pk)
2	330003	330003	330003	Lift arms
3	501090	501090	501090	Lift arm spacer kit
4	324070	324070	324070	Lift arm brace
5	124132	124132	124132	Plastic end cap
6	504125	504125	504125	Sealed bearing & flanges
7	178000	178005	178010	Axle 1 x 1 x 29 - 36.5 - 44
8	102280	102280	102280	Lock nut 1"
9	129605	129605	129605	Nut washer 3-1/2
10	129500	129500	129500	Spacer 7"
11	129550	129550	129550	Spacer 3-5/8"
12	129600	129600	129600	Bumper washer 6-5/8
13	324055	324055	324055	Bearing stand 4-hole
14	504099	504099	504099	Channel bolt
15	189118			Disc blade 18" plain
15		189120	189120	Disc blade 20" plain
15	189218			Disc blade 18" notched
15		189220	189220	Disc blade 20" notched
16		134005	134010	Beam front
17	101196	101196	101196	5/8 x 5 bolt
18	129525	129525	129525	Spacer 2-3/8"
19		134010	134010	Beam rear
20	324075	324075	324075	Beam connecting plate

LIMITED WARRANTY



GEARMORE, INC., warrants each new Gearmore product to be free from defects in material and workmanship for a period of twelve (12) months from date of purchase to the original purchaser. This warranty shall not apply to implements or parts that have been subject to misuse, negligence, accident, or that have been altered in any way.

Our obligation shall be limited to repairing or replacement of any part, provided that such part is returned within thirty (30) days from date of failure to Gearmore through the dealer from whom the purchase was made, transportation charges prepaid.

This warranty shall not be interpreted to render us liable for injury or damages of any kind or nature, direct, consequential or contingent, to person or property. This warranty does not extend to loss of crops, loss because of delay in harvesting or any other expenses, for any other reasons.

Gearmore in no way warrants engines, tires, or other trade accessories, since these items are warranted separately by these respective manufacturers.

Gearmore reserves the right to make improvements in design or changes in specification at any time, without incurring any obligations to owners or units previously sold.

GEARMORE, INC.
13477 Benson Ave.
Chino, CA 91710

Always refer to and heed machine operating warning decals on machine.

The serial number of this product is stored in our computer database, thus submitting a warranty registration card is not required.