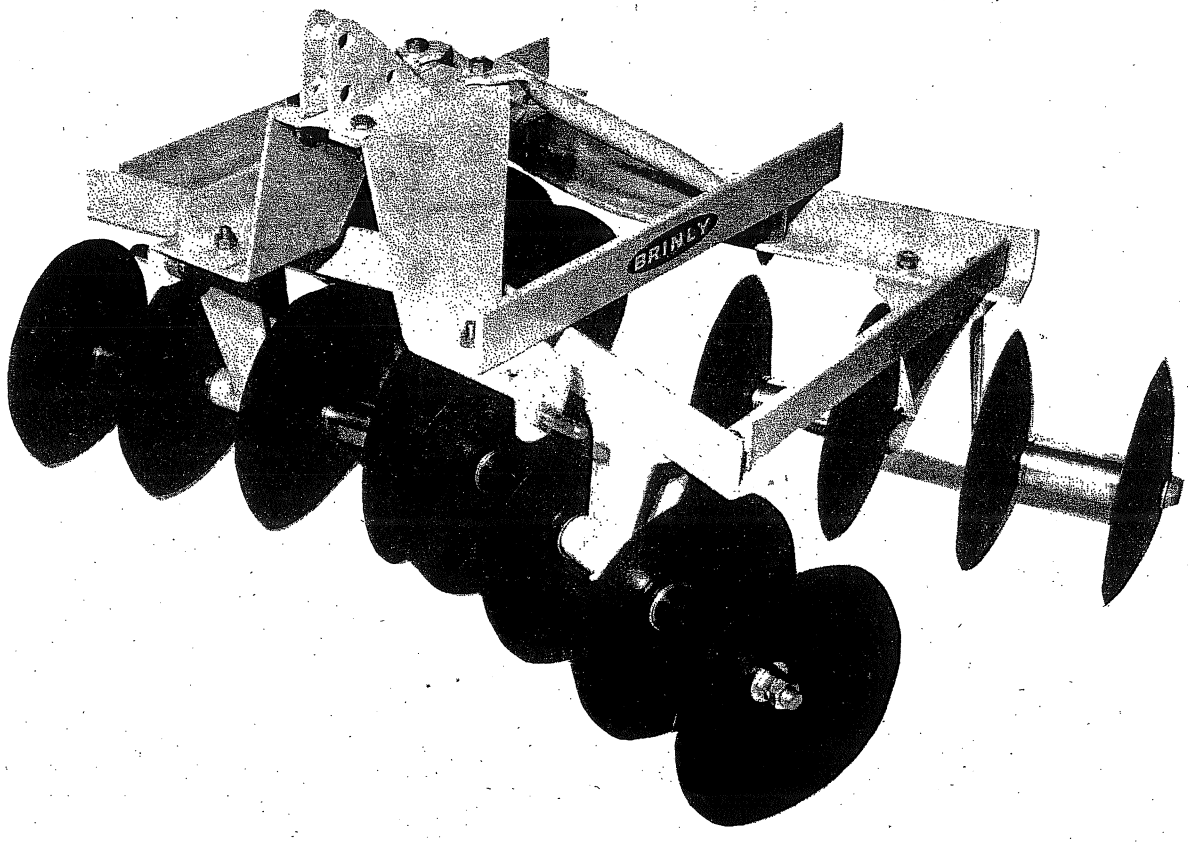
SINCE 1839

BRINLY

OPERATING INSTRUCTIONS



MODEL DD-1000

3 PT. LIFT TYPE TANDEM DISK HARROW

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 (90 days for commercial or rental application) commencing with the 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. This warranty gives purchasers specific legal rights and purchasers may also have other rights which vary from state to state.

For parts and service, see your local dealer. Use part NAME and NUMBER when ordering.

BRINLY-HARDY COMPANY (877) 728-8224

ASSEMBLY:

NOTE — If your Disk Harrow is furnished with Frame Angles having SLOTTED holes, use a ½" Flat Washer between Bolt Heads or Nuts and slotted hole.

REFER FIG. 1

1) Assemble Lower Link Pins (A) to "A" Frame Halves (B and C), using ⅝" Jam Nuts (D), ⅝" Lock Washers (E), and ⅝" Hex Nuts (F).

2) Attach "A" Frame Halves together as shown with Spacing Plate (G). Secure with ½" x 1¾" Hex Bolt (H), ½" Lock Washer (J), and ½" Hex Nut (K) (in front holes only). FINGER TIGHTEN.

3) Assemble Frame Angles (L) to "A" Frame Assembly as shown. Secure with ½" x 1¾" Hex Bolt (H), ½" Lock Washer (J), and ½" Hex Nut (K). FINGER TIGHTEN.

4) Assemble Frame Struts (M) to rear holes of "A" Frame. Secure with ½" x 1¾" Hex Bolts (H), ½" Lock Washers (J), and ½" Hex Nuts (K). FINGER TIGHTEN.

5) Swing Frame Struts into position shown and as semble lower ends to Frame Angles (L) using ½" x 1¾" Hex Bolts (H), ½" Lock Washers (J), and ½" Hex Nuts (K). FINGER TIGHTEN.

REFER FIG. II AND FIG. III

(If gang stud, threaded on both ends, is supplied, place ¾" Hex Nut to short thread end and proceed as follows:)

6) Assemble parts to Gang Bolt or Stud, (A) in following order: Washer (B), Disk (C), Cup Washer (D), Disk Spacer (E), Cup Washer (D), Disk (C), Cup Washer (D), Washer (B), Bearing Hanger (F), with Bearing (G), Washer (B), Cup Washer (D), Disk (C), Cup Washer (D), Disk Spacer (E), Cup Washer (D), Disk (C), Washer (B), Hex Nut (H), and Hex Jam Nut (J). With all parts in place, tighten Hex Nut (H) securely and lock with Jam Nut (J). Disk should rotate freely after assembly. Lubricate bearing with conventional grease gun.

7) FIG. IV — Position disk gang assemblies, Frame Angles (A) and Weight Trays (B), as shown in Fig. IV. (Note — Disks are shown in the most commonly used spacing and 15° cut position). Attach Disk Gangs to Frame Angles (A) and Weight Trays (B) using ½" x 1¾" Carr. Bolts (C), ½" Lock Washers (D), ½" Hex Nut (E), ½" x 1¾" Hex Bolts (F), ½" Flat Washers (G), ½" Lock Washers (D), ½" Hex Nut (E), ½" x 2" Carr. Bolts (H), ½" Flat Washers (G), ½" Lock Washers (D) and ½" Hex Nut (E). FINGER TIGHTEN.

8) FIG. V — Position Frame Assembly (from step 1, fig. 1) to disk assembly Fig. IV, as shown Fig. V Position (4) Spacers (A) and (8) Cup Washers (F) as shown. Complete assembly using (4) ½" x 4" Hex Bolts (B), (4) ½" S.A.E. Plain Washers (C), (4) ½" Lock Washers (D), and (4) ½" Hex Nuts (E). Check and tighten all bolts securely and lubricate disk bearings four places.

FIG. I

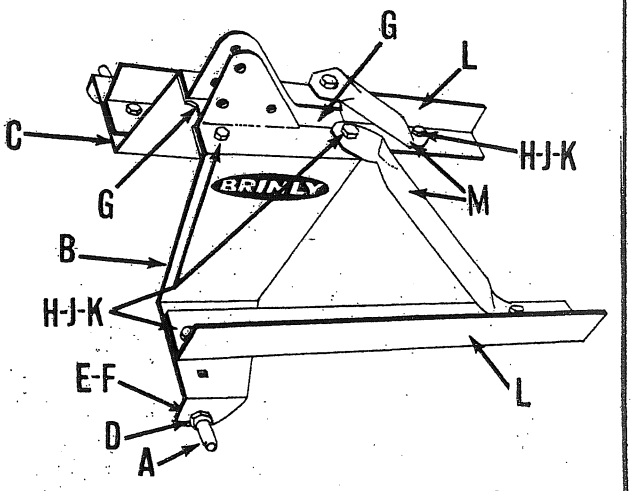


FIG. II

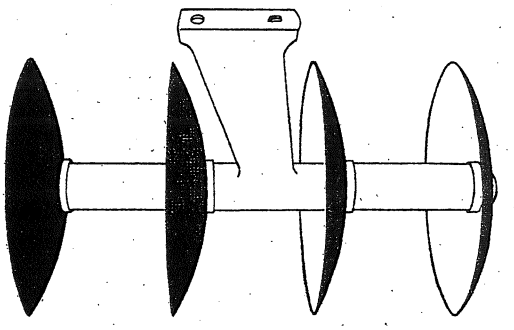
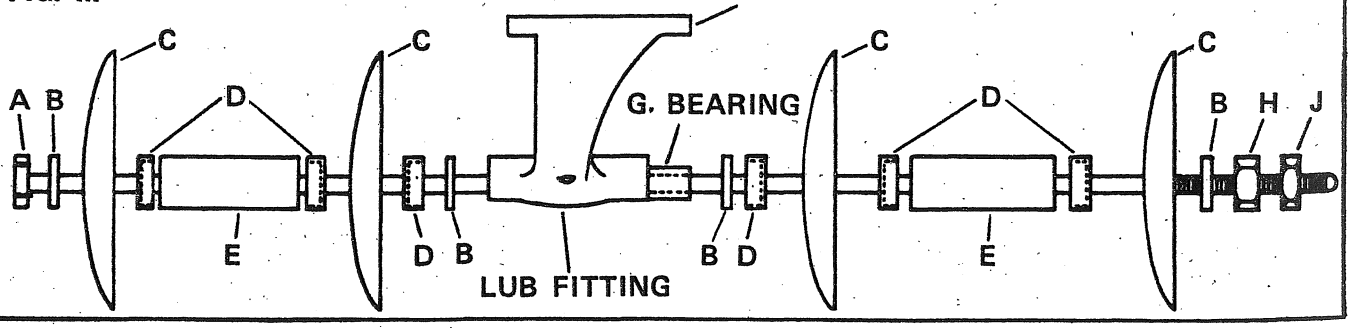
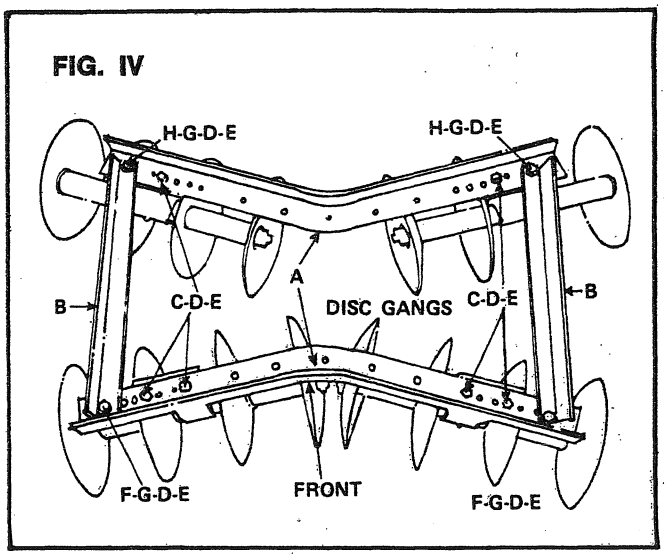
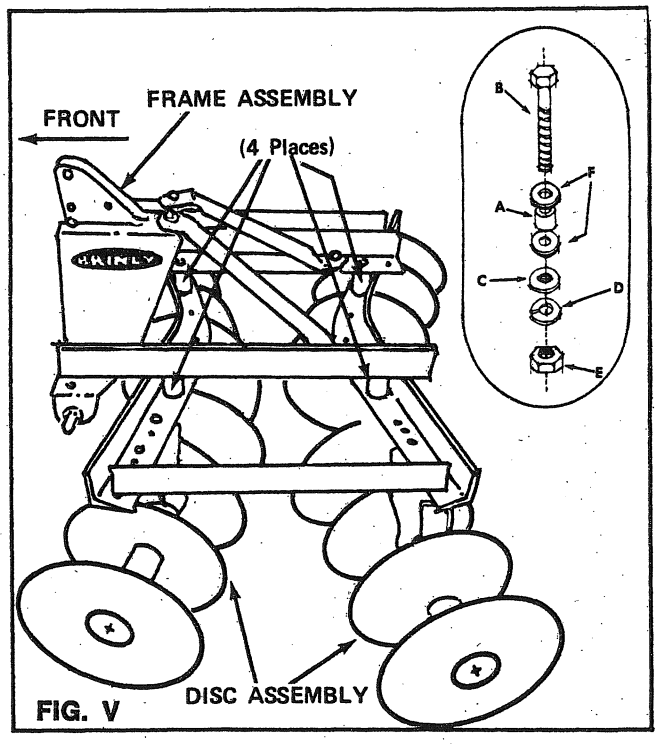
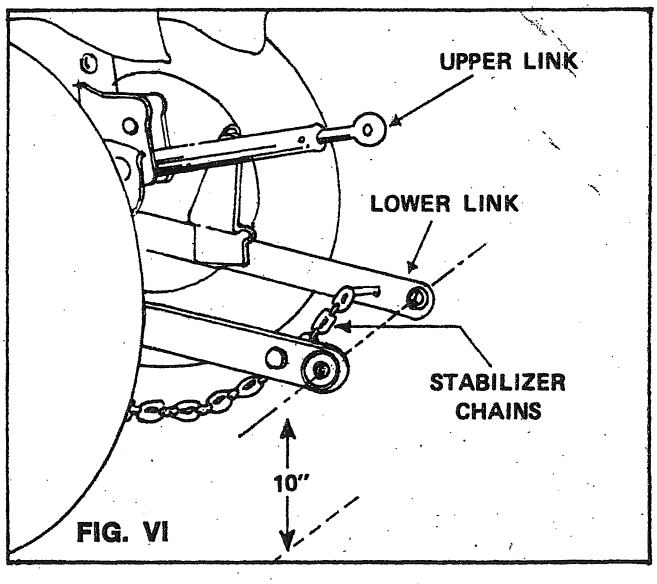


FIG. III









PREPARATION OF TRACTOR 3-POINT HITCH

1. With Hitch Linkage in lowered position, adjust Lower Links until Lower Link Balls are approximately 10" from ground (Fig. VI).

2. Attach Stabilizer Chains to lower pin position at Tractor. DO NOT TIGHTEN.

3. Attach Disk to Hitch as shown Fig. VII. Secure with Spring Pins.

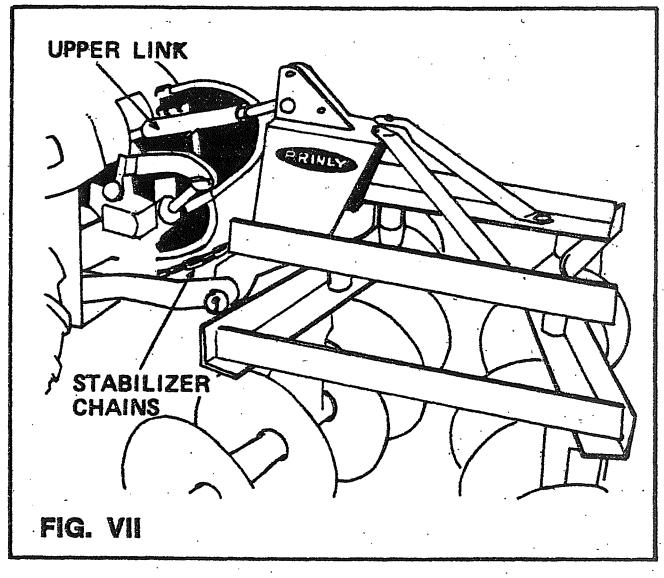
4. Connect Upper Link to Tractor in center hole and to lower hole in Disk Mast. Secure with Hitch and Spring Pins. With Hitch in float position, adjust Upper Link so that front and rear Disk Gangs are on ground.

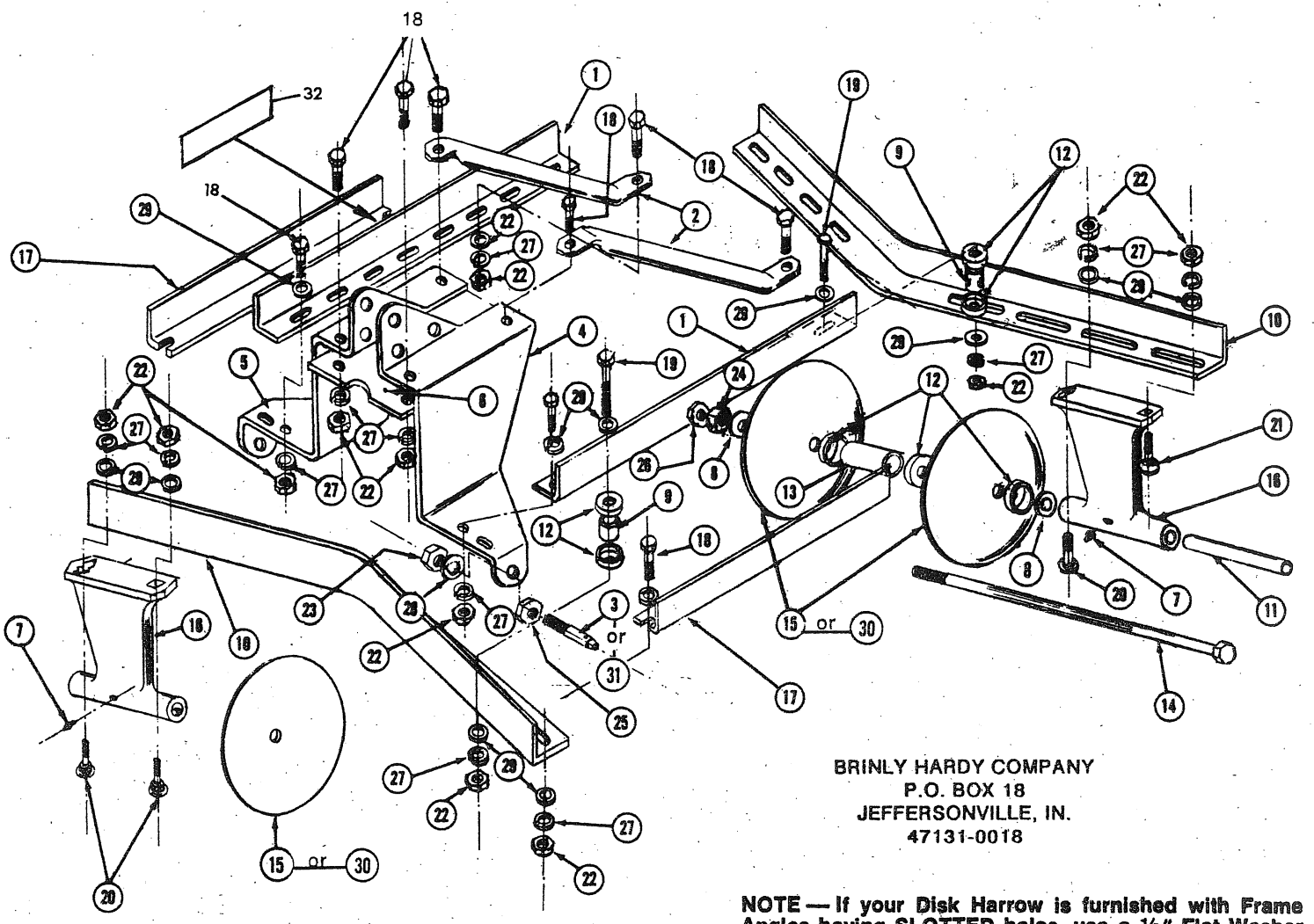
5. Raise Disk with hydraulic lift and adjust Stabilizer Chains to prevent side sway in transport position.

OPERATION:

Disk gangs may be set at angles of 10° — 15° or 20° and moved together or apart. For average soil conditions, use disk with gangs set at 15° and spaced as shown in Assembly Instructions. Disk should run level when 3 Pt. Hitch is pre-adjusted as recommended and disk blades are running between 2"-3" deep. Start disking operation at a slower comfortable speed; increase tractor speed as clods reduce in size. The types of soil, moisture, and the weight on harrow 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. A standard 8 x 8 x 16 concrete block will nest in weight trays on each side of disk. Always operate disk with hitch hydraulic control lever in lowered *float* position. Ridging, sometimes caused by rear outer disk can be reduced or eliminated by changing tractor speed, shortening top link of 3 Pt. Hitch, or a combination of both. Always lift disk before turning tractor at ends of field.

LUBRICATE DISK BEARINGS AT LEAST ONCE DAILY.





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47131-0018

NOTE — If your Disk Harrow is furnished with Frame Angles having SLOTTED holes, use a ½" Flat Washer between Bolt Heads or Nuts and slotted hole.

REPAIR PARTS LIST
MODEL DD-1000 DISK HARROW

Ref. No.	Part	Description	Hdwe. Bag	Qty.	Ref. No.	Part	Description	Hdwe. Bag	Qty.
1	B-719-10	Frame Angle		2	16	D-180-10	Disk Hanger		4
2	B-720-10	Frame Strut		2	17	D-192-10	Weight Tray Angle		2
3	B-724P-01	Lower Link Pin	2	2	18	1M1628P	Hex Bolt — ½ x 1¾"	10	10
4	B-1361-10	"A" Frame Half — L.H.		1	19	1M1664P	Hex Bolt — ½ x 4"	4	4
5	B-1362-10	"A" Frame Half — R.H.		1	20	10M1628P	Carriage Bolt — ½ x 1¾"	6	6
6	B-1363-10	Spacing Plate		1	21	10M1632P	Carriage Bolt — ½ x 2"	2	2
7	D-128P	Grease Fitting		4	22	30M1600P	Hex Nut — ½" - 13	22	22
8	D-143P	Thrust Washer	16	16	23	30M2000P	Hex Nut — ⅝" - 11	3	3
9	D-159-01	Frame Spacer		4	24	30M2400P	Hex Nut — ¾" - 10	4	4
10	D-161-10	Frame Angle		2	25	31M2000P	Hex Jam Nut — ⅝" - 11	2	2
11	D-167-02	Bearing Tube	4	4	26	31M2400P	Hex Jam Nut — ¾" - 10	4	4
12	D-168P-01	Centering Washer	32	32	27	40M1600P	Lock Washer — ½" Med.	23	23
13	D-169P-01	Disk Spacer		8	28	40M2000P	Lock Washer — ⅝" Med.	3	3
14	D-170P	Gang Bolt		4	29	45M1717P	Plain Washer — ½" S.A.E.	24	25
15	D-171-10	Disk Blade — 11" Dia.		16	30	B1760	Disk Blade — 12" Dia. (DD-1010)		
					31	B-2022P	Pin, lower link (DD-1030)		
					32	B-4685	Logo Decal		1