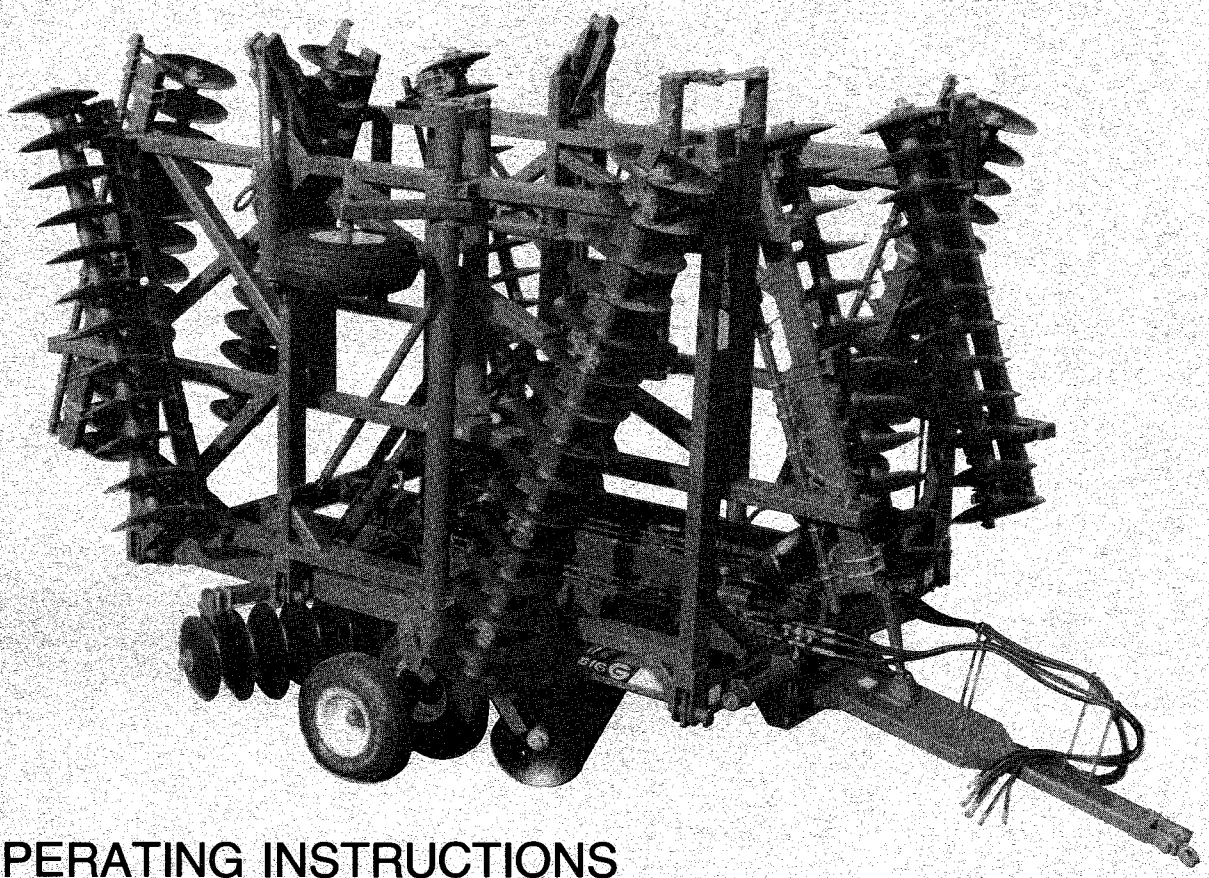
HEAVY DUTY 5000 SERIES
FLEXIBLE DOUBLE OFFSET DISCS



OPERATING INSTRUCTIONS AND PARTS CATALOG

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green line, inc.

AIRPORT INDUSTRIAL PARK
P. O. BOX 434
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MACHINE INSPECTION PRIOR TO INITIAL USAGE

1. Make certain that all bolts which hold the wheel to the hub are torqued to 125 ft. lbs.
2. Check tightness of the bolts which hold the wheel spindles in.
3. Check tire pressures. Pressure should be 90 psi for 24 plv aircraft tires & 48 psi for floatation tires.
4. Check tightness of all bolts which hold gangs to the disc frame.
5. Check tightness of all nuts on the clamp units which hold the gang bearing hangers to the disc gang beams.
6. The top plate on all gang bearing hangers must be setting flat to the gang beams. If not setting flat, loosen the clamping bolts and move the upper end of that bearing hanger bracket with a hammer and a wood block to achieve the best possible fit. Re-tighten the clamp bolts.
7. Check the gang shaft nuts.They should be torqued to 1250 ft. lbs..
8. With the exception of the gang bearings and wheel bearings that have been pre-lubricated, make certain that all other lubrication points have been lubricated prior to operation.

OPERATING INSTRUCTIONS

TRACTOR DRAW BAR
Double offset discs perform best when tractor draw bar is pinned or "stiff-hitched". Disc is designed for tractor draw bar, height 12" to 18". Make necessary adjustments on tractor draw bar to arrive at this height.

ROAD SPEED
Never road the machine at excessive speeds. Maximum road speed is 20 MPH and slower on rough roads. The Big G is an extremely heavy unit and sudden impact at high road speeds will result in unusual pressure on the axle assembly and main frame of the unit. Road lock pins should be put in for transport. Wings should be pinned up and tie backs fastened at all times during roading.

FIELD SPEED
Operating speeds in the field is 3 to 6 MPH. In rocky conditions, the slower speed is recommended.

ON FIELD CORNERS
Always raise the disc on corners.

GENERAL MAINTENANCE
All nuts should be checked and tightened after the first 1/2 day of operation, and periodically thereafter. Keep tires inflated to the recommended pressure, and check the wheel bolts until they are firmly seated. Hydraulic hoses should be checked for worn and pinched areas and replaced if necessary.

LUBRICATION
The initial lubrication of grease fittings will assure long life and satisfactory performance from the disc. Use a multi-purpose type grease at all grease zerk locations after each 6 hours of operation.

WHEEL BEARINGS
Grease wheel bearings every 24 hours of use. Check for excessive end play each time bearings are greased. Once a year, clean and re-pack wheel bearings with WP#2 grease. Replace seals each time bearings are removed. Replace any worn or damaged parts. After re-packing, replace hub with seal and rear bearings already assembled. Use light oil on seal surface and use extreme care when pushing seal over the spindle. install outer bearing, flat washer and slotted hex nut, tighten nut while turning hub until there is resistance to rotation. Then back off nut from 1 to 2 slots until hub turns freely without end play. Secure nut with clinched cotter pin.

GANG BEARINGS
Gang bearings should be greased after the first 8 hours of operation, each subsequent 16 hours, and at each usage after the machine has been idle for a long period of time. The bearings should be greased immediately following use in water, such as riceland, in amounts to purge the bearings of water and contaminated grease. Always make certain that the grease gun tip and the grease fittings are wiped clean before greasing so that no dirt is put into the bearing. Use a good multi-purpose gun grease. Gang bearings are triple sealed ball bearings. There is no adjustment required in these bearings.

TIRE PRESSURES
Tire pressures should be maintained at 90 PSI on aircraft tires and 48 PSI on floatation tires.

WHEEL LUG BOLTS
Frequently check to see that the wheel lug bolts are torqued 125 ft. lbs., particularly during the initial transporting and operation of the tillage tool. The bolts may work loose resulting in the loss of a wheel and subsequent loss of control of the tool and/or tractor.

DISC SHAFT TIGHTNESS
The tightness of the gang shafts should be checked after the first hour of operation and at least every 5 hours thereafter. A large wrench is attached to the main frame to tighten the gang shaft nuts. A quick check of the blade tightness on the gang shaft, although not as satisfactory as checking nut tightness with the wrench, can be made by striking the blades with a hammer when the blades are off of the ground. A tight blade will have a sharp ringing sound when struck by the hammer while a loose blade will have a dull ring when struck. It is extremely important that the shaft tightness be maintained. A loose shaft will damage blades, spools, shaft and bearings if allowed to remain loose.

SCRAPERS
For the best cleaning action in difficult conditions, the blade of the scraper should be set snug against the disc blade. The two upper clamp bolts loosen to allow side movement of the scraper on the beam. In easy cleaning conditions, it may be desirable to have the point of the scraper blade against the disc blade with the rear portion set away from the blade to allow trash clearance. Trash guard type action may be had by moving the entire shank unit somewhat away from the disc blade.

NOTE: No scraper will do its best work until the disc blades are scoured on a new machine. A new machine needs to run shallow for a period of time to remove the paint and scour the insides of the blades before running deep. Never start operation of the machine while the blades are already in the ground. This is especially true in sticky soils. The spinning action of the disc blades is very helpful in ejecting soil from the blades. For this reason it is very important that the machine be lowered into the soil after the tractor is at speed and not before. If a tractor has insufficient power or traction to keep the machine at speed in difficult conditions, the machine will have much more difficulty in keeping the disc blades clean.

HYDRAULICS
If the implement hydraulic system has never been used, stored over a period of time or disassembled for any reason, unpin the rod end of the cylinder and support the cylinder so the rod end will clear frame members or lugs when fully extended. Back the tractor to the front of the disc and connect the hydraulic hoses to the tractor. Check tractor hydraulic reservoir and make sure it is full of the manufacturer's recommended oil. If you are sure the implement hydraulic hose connections are tight, begin filling the system by extending and retracting the cylinder. Hold the control lever open and pause at the end of each stroke of the cycles until the cylinder responds with immediate solid actuation. When you are sure the system is free of air, pin the rod end of the cylinder to the implement cylinder lug.

WARNING!!!
HIGH PRESSURE FLUID FLOW CAN PENETRATE SKIN, IF INJURED BY ESCAPING HYDRAULIC FLUID, SEE A DOCTOR AT ONCE. SERIOUS INFECTION OR REACTION CAN DEVELOP IF PROPER TREATMENT IS NOT ADMINISTERED IMMEDIATELY.

FOLDING WINGS
Prior to raising or lowering the folding wing on unit, remove all air from the lift arm cylinders. Failing to do this could cause wing to drop and severely damage the machine. This is accomplished by removing the 1" pin from the spring loaded telescoping arm and run the cylinder through a complete cycle 8 to 10 times. Replace the pins, being sure the keeper pins are securely latched.

CAUTION:
The above procedure must be followed prior to initial operation or anytime after that system is broken and air gets into the hydraulic system. Make certain the 1" pins are installed in the front safety arms, this prevents the wing from falling when the telescoping arms are disconnected.

An orifice has been installed at the lower part of wing lift cylindrs to insure slow, steady operation and prevent damage to the wings should a hose break.

DANGER
Never stand under path of wing in the up position unless wing lock pins are installed. The lock pins are to secure wing for storage and road travel.

LEVELING SCREW ADJUSTMENT

Leaves field	Adjustment
Center furrow does not fill to level	Turn counter clockwise to lower rear gangs as required
Center pulls in excess causing ridge	Turn clockwise to raise rear gangs as required

HYDRAULIC CYLINDER-DEPTH STOP ADJUSTMENT
Set the cylinder stops to obtain the desired depth. It is important that stops on all cylinders be set the same to prevent damage to rocker shaft. They must be measured and set within 1/8" of each other.

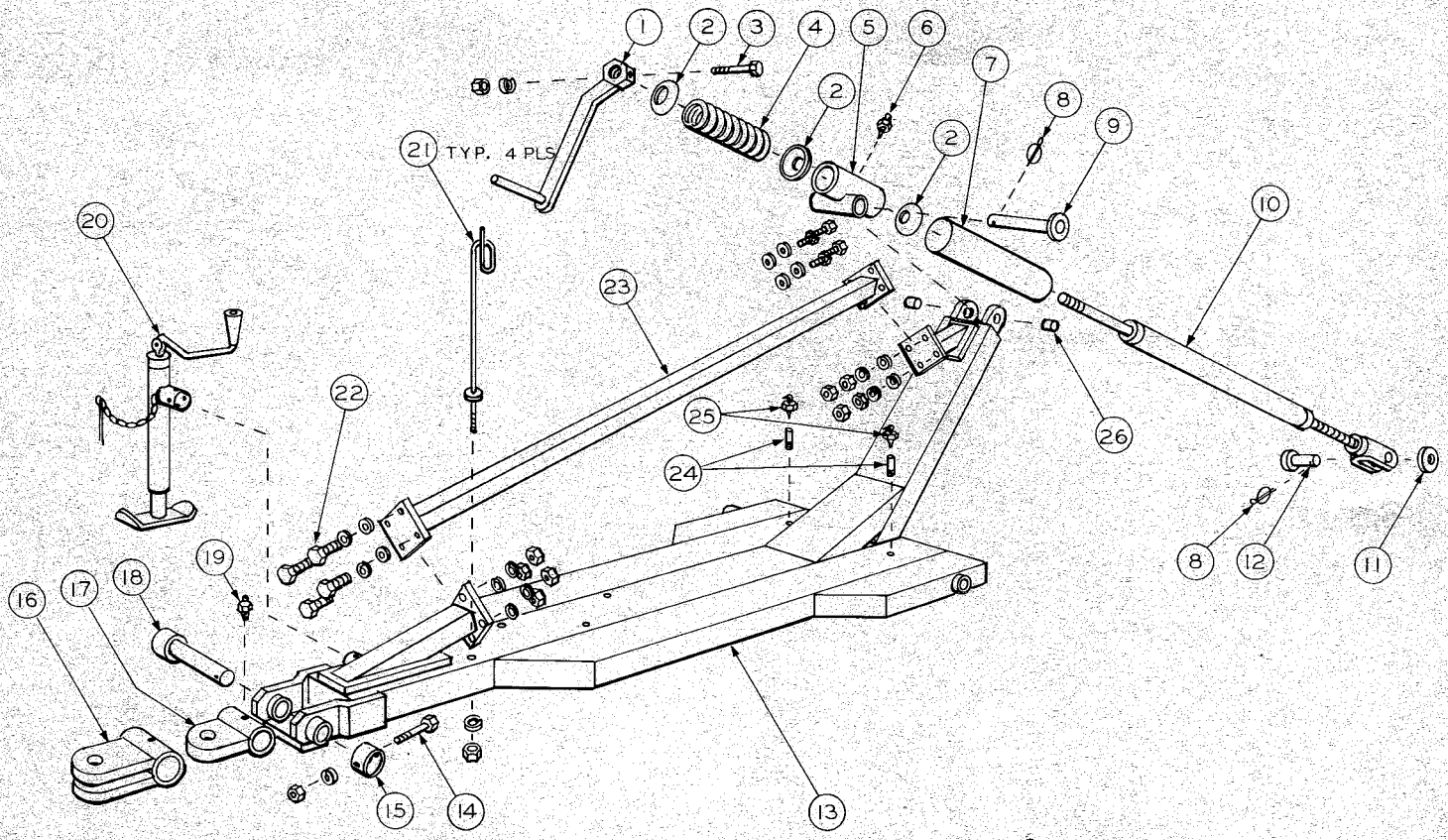
ROCKER SHAFT TURNBUCKLE ADJUSTMENT
Initial setting is 11 1/4" center of pin to pin.

Condition	Adjustment
Outer end of wing is higher causing outer disc blades to cut shallower than blades under center section.	Lengthen turnbuckle 2 or 3 complete turns & recheck field condition. When even penetration is obtained, wing frames will be level with main frame.
Outer end of wing frame is lower causing outer disc blades to cut deeper than blades under center section	Shorten trunbuckle 2 or 3 complete turns & recheck field condition. When even penetration is obtained, wing frames will be level with main frame

STORAGE
Select a level area and set disc down on blocks to prevent the blades from settling into the ground. Retract all hydraulic cylinders to prevent cylinder rods from rusting. Coat the blades with a rust preventative. Inspect for worn or damaged parts and replace them as needed to avoid delays the next season. Check to be sure the hydraulic hose couplers are stored on top of the tongue and not left laying on the ground.

PROCEDURE FOR CHANGING GANG BEARINGS AND DISC BLADES

1. It is not necessary to disassemble entire gang to replace one or more bearings.
2. To replace bearings on either end of shaft, loosen gang nut with knocker wrench provided and a 12 lb. sledge hammer.
3. Loosen bolts that hold bearing hanger assembly to gang beam.
4. Take gang nut off end of shaft followed by washers and half spools.
5. Slide bearing hanger off the end of shaft.
6. Install bearing housing onto bearing hanger.
7. Replace bearing hanger and bearing housing on gang shaft and replace bolts and tighten to where there is a gap about 1/8" from bottom of beam.
8. Loosen bolts on the remaining bearing hanger assemblies on that gang so there is 1/8" gap between bearing hanger and gang beam.
9. Tighten gang nut on shaft to 1200 ft. lbs , or use knocker wrench and heavy sledge hammer.
10. To make sure the gang is tight, blades will ring when tapped with a small hammer.
11. Make certain top of bearing hanger is parallel with bottom of gang beam before tightening clamp bolts. Note: If not done properly, bearings will be pre-loaded causing premature failure.
12. Tighten all bearing hanger clamp bolts making sure they are all tight and then re-tighten after 2 hours of operation in the field.
13. When changing center bearing hanger, it will be necessary to take the scraper bearing hangers off as well as the end bearing hanger. Hold end of gang up by putting a chain around spools and hang to gang beam.
14. Re-tighten gang shaft after 30 minutes of operation. Note: Use same procedure for replacing disc blades.

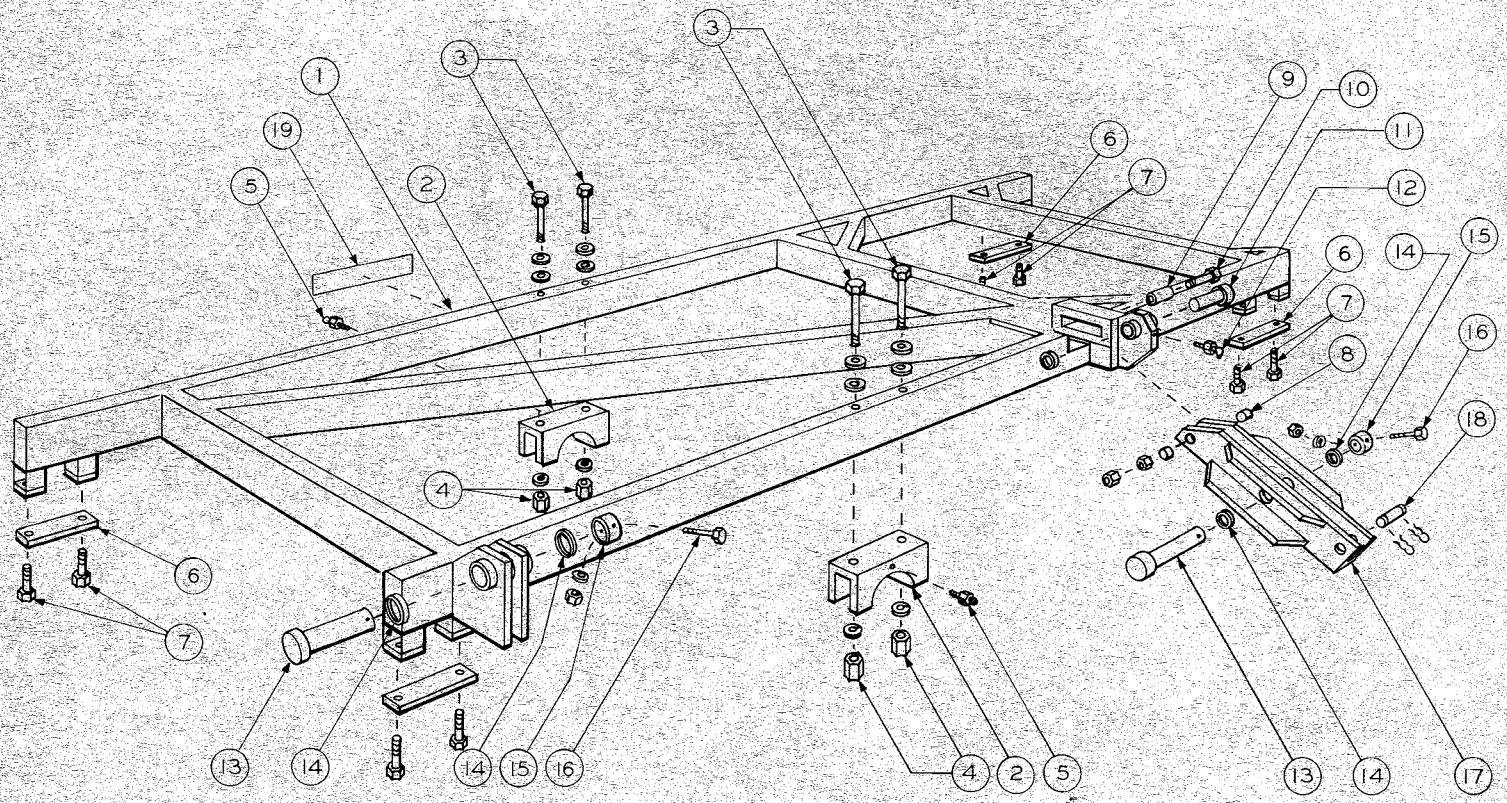


LEVELING ROD ASSEMBLY

ITEM	PART NO.	NO. REQD.	DESCRIPTION
1	10015-002	1	LEVELING SCREW HANDLE
2	10015-003	3	SPRING RETAINER
3	3/8 X 3 1/2 NC ZP	1	BOLT, NUT & LOCK WASHER
4	10015-005	1	SPRING
5	10005-010	1	PIVOT TUBE
6	1/4 - 28 STRAIGHT	1	ZERK
7	10015-007	1	DUST SHIELD
8	P-794 1/4 ZP	2	CLIP PIN
9	10005-011	1	PIVOT PIN
10	10015-008	1	LINKAGE TUBE WELDMENT
11	1" ZP	1	FLAT WASHER
12	1 X 2 5/8 ZP	1	CLEVIS PIN

DRAW BAR ASSEMBLY

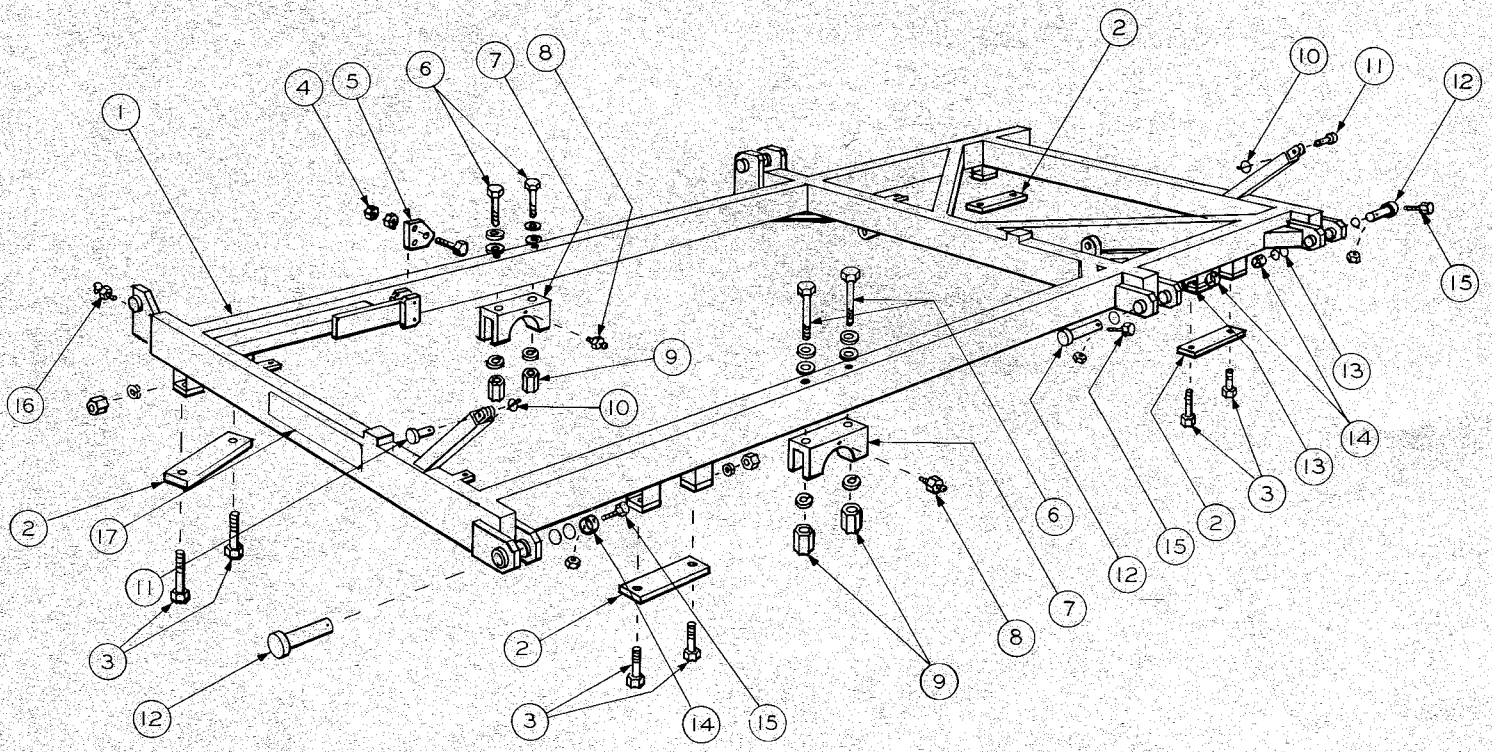
ITEM	PART NO.	NO. REQD.	DESCRIPTION
13	50006-009	1	TONGUE WELDMENT
14	3/8 X 3 1/2 NC ZP	1	BOLT, NUT & LOCK WASHER
15	12023-008	1	HITCH PIN COLLAR
16	30006-020	OPTIONAL	CLEVIS HITCH
17	30006-019	1	BAR HITCH
18	50023-007	1	HITCH PIN 10"
19	1/8 - 27 NPT ZP	1	ZERK
20	5TM - 15 - 0	1	JACK
21	10006-012	4	HOSE CARRIER, NUT & LOCK WASHER
22	5/8 X 2 NC ZP	8	BOLT, NUT, FLAT & LOCK WASHER
23	50006-010	1	TONGUE BRACE WELDMENT
24	1/4 X 1 1/2 NPT	2	PIPE NIPPLE
25	1/8 - 27 NPT ZP	2	90° ZERK
26	10014-004	2	1" BUSHING



OUTER WING FRAME ASSEMBLY

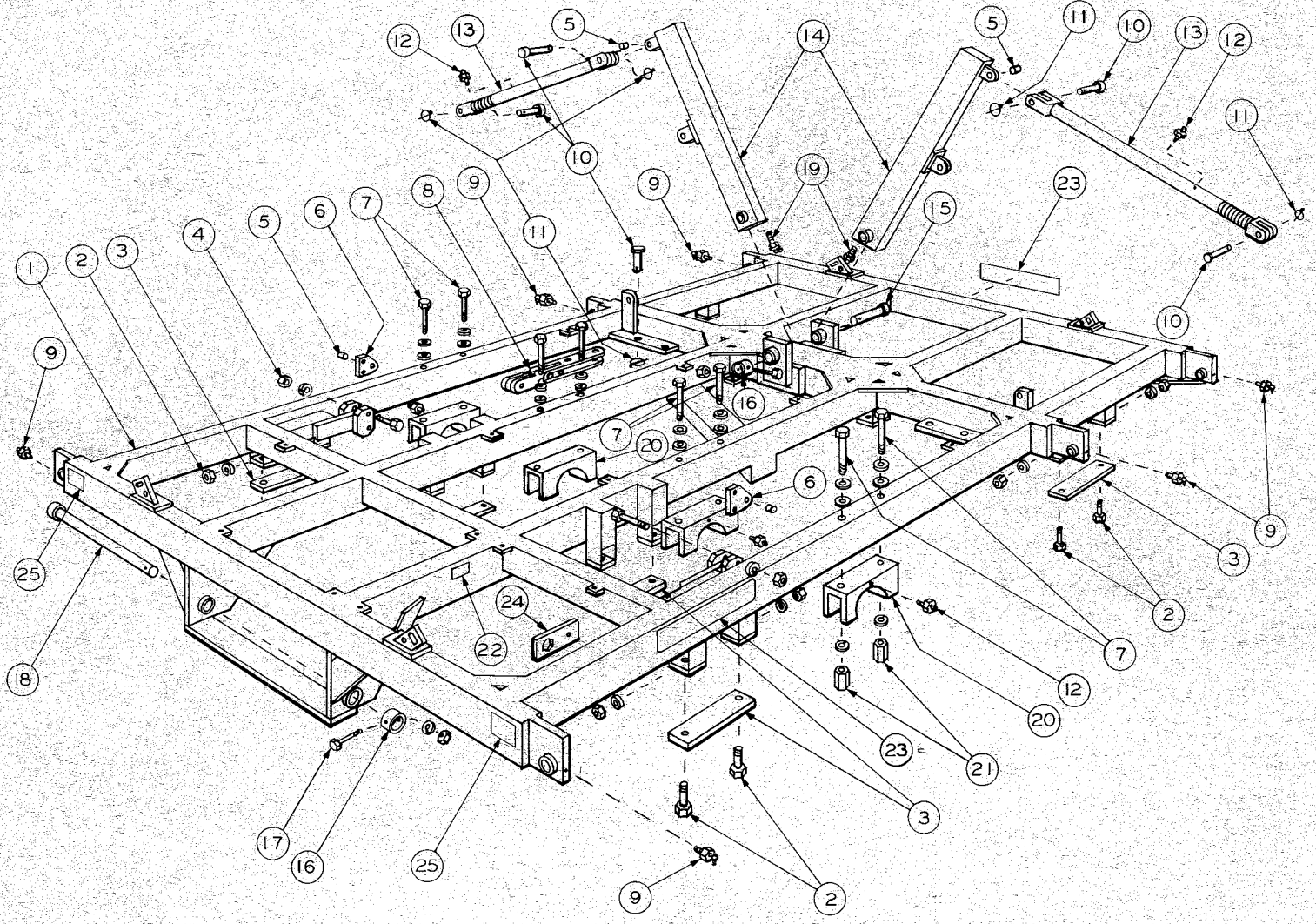
RIGHT HAND OF 50' & 55' MODEL SHOWN

ITEM	PART NO.	NO. REQD.	DESCRIPTION
1	50001 - 020	1	OUTER RIGHT WING FRAME WELDMENT - 45' MODEL
	50001 - 029		OUTER LEFT WING FRAME WELDMENT - 45' MODEL
	50001 - 030		OUTER RIGHT WING FRAME WLDMT. 50' & 55' MDL.
	50001 - 039		OUTER LEFT WING FRAME WLDMT. 50' & 55' MDL.
2	1075 - 003	2	ROCKER SHAFT BEARING
3	3/4 X 10 NC ZP	4	BOLT & DOUBLE FLAT WASHER
4	3/4 - 10 NC ZP	4	COUPLING NUT & LOCK WASHER
5	1/4 - 28 STR ZP	2	ZERK
6	50001 - 001	4	GANG CLAMP PLATE
7	3/4 X 2 1/2 NC ZP	8	BOLT, NUT & LOCK WASHER
8	1 1/4 X 1 X 3/4	2	TENSION BUSHING
9	50031 - 007	1	FOLDING DEVICE ROLLER PIN
10	1 X 8 NC ZP	1	BOLT & DOUBLE NUT
11	50023 - 017	1	WELD-ON PIN ASSEMBLY
12	1/8 - 27 NPT ZP	1	90° ZERK
13	50023 - 007	2	HINGE PIN 10"
14	30025 - 006	10	2" BUSHING
15	12023 - 008	2	2" COLLAR
16	3/8 X 3 1/2 NC ZP	2	BOLT, NUT & LOCK WASHER
17	50031 - 010	1	FOLDING DEVICE LEVER
18	1 1/4 X 3 ZP	1	CLEVIS PIN & DOUBLE HAIRPIN CLIP
19	10029 - 003	1	BIG G DECAL



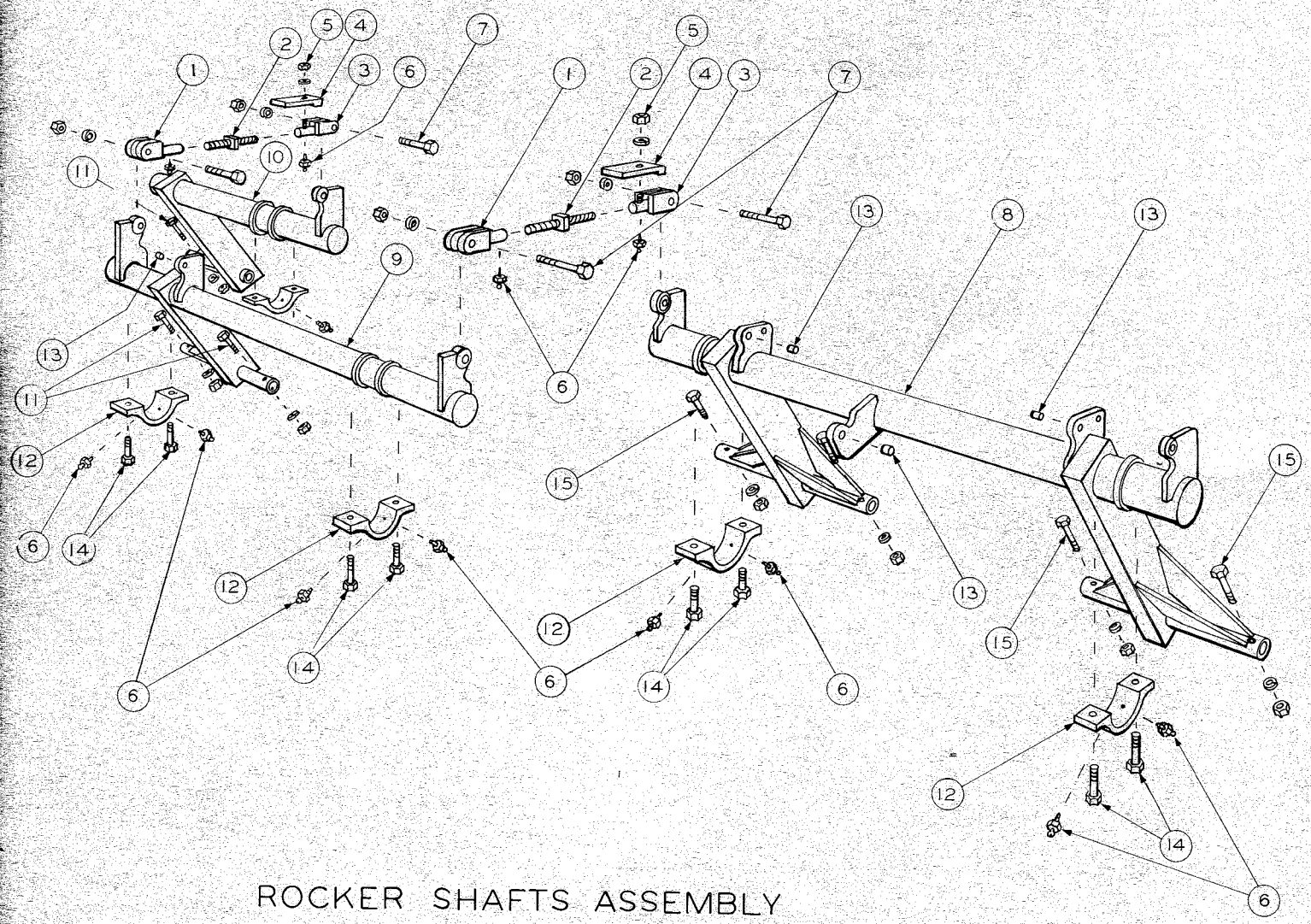
INNER WING FRAME ASSEMBLY R.H. SHOWN

ITEM	PART NO.	NO. REQ'D.	DESCRIPTION
1	50001 - 010	1	INNER RIGHT WING FRAME WELDMENT
	50001 - 019		INNER LEFT WING FRAME WELDMENT
2	50001 - 001	4	GANG CLAMP PLATE
3	3/4 X 2 1/2 NC ZP	8	BOLT, NUT, FLAT & LOCK WASHER
4	1/2 X 2 3/4 NC ZP	1	BOLT, NUT & LOCK WASHER
5	10014 - 003	1	CYLINDER LUG PLATE
6	3/4 X 10 NC ZP	4	BOLT & DOUBLE FLAT WASHER
7	1075 - 003	2	ROCKER SHAFT BEARING
8	1/4 - 28 STR. ZP	2	ZERK
9	3/4 - 10 NC ZP	4	COUPLING NUT & LOCK WASHER
10	P - 794 - 1/4 ZP	2	CLIP PIN
11	1 X 2 5/8 ZP	2	CLEVIS PIN
12	50023 - 007	3	HINGE PIN 10"
13	30025 - 006	12	2" BUSHING
14	12023 - 008	3	2" COLLAR
15	3/8 X 3 1/2 NC ZP	3	BOLT, NUT & LOCK WASHER
16	1/8 - 27 NPT ZP	1	90° ZERK
17	10029 - 003	1	BIG G DECAL



MAIN FRAME ASSEMBLY

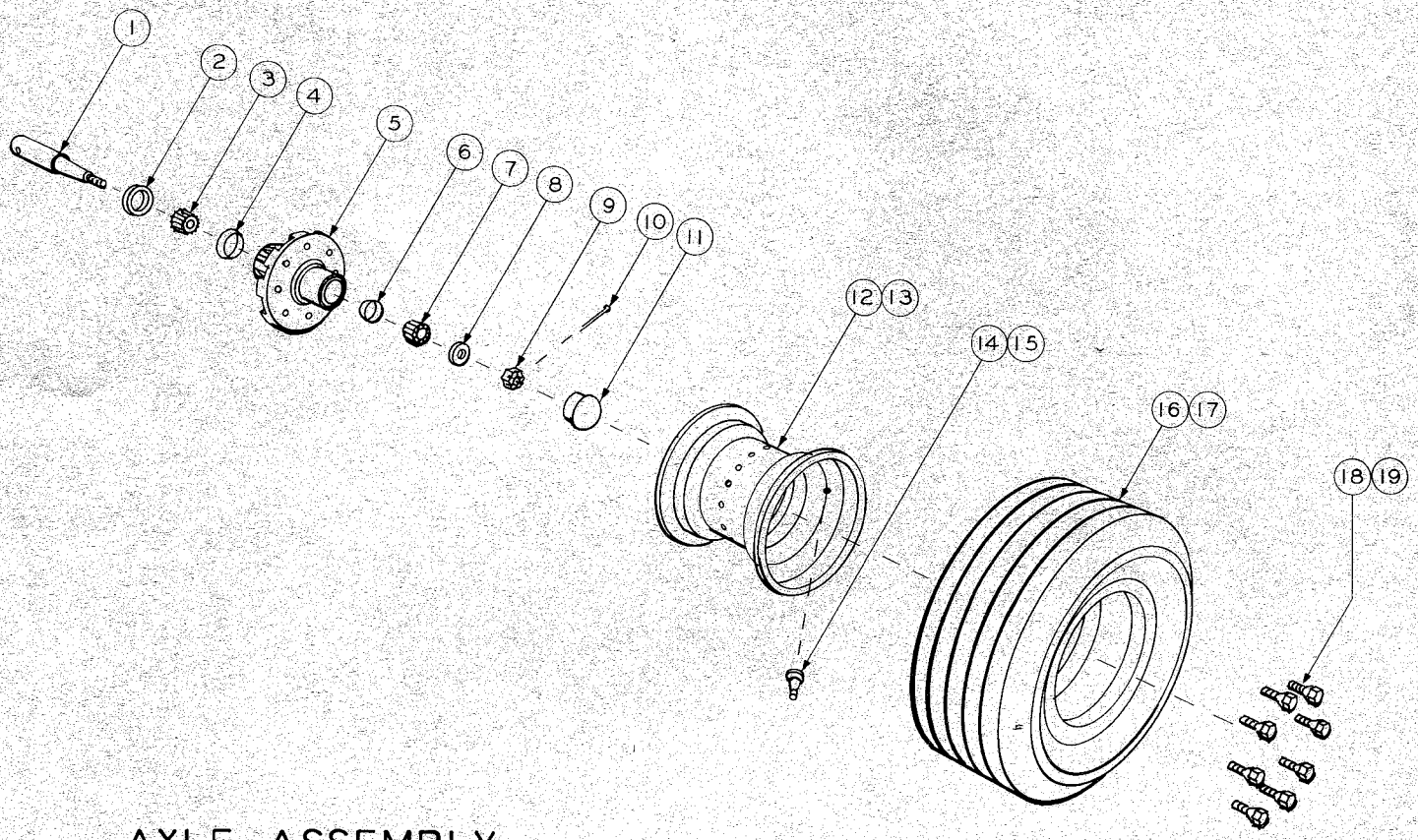
ITEM	PART NO.	NO. REQ'D.	DESCRIPTION
1	50001 - 009	1	MAIN FRAME WELDMENT
2	3/4 X 2 1/2 NCZP	16	BOLT, NUT & LOCK WASHER
3	50001 - 001	8	GANG CLAMP PLATE
4	1/2 X 2 3/4 NC ZP	2	BOLT, NUT & LOCK WASHER
5	10014 - 004	4	1" BUSHING
6	10014 - 003	2	CYLINDER LUG PLATE
7	3/4 X 10 NC ZP	8	BOLT & DOUBLE FLAT WASHER
8	30004 - 009	2	ROAD LOCK TIE BACK ASSEMBLY
9	1/8 - 27 NPT ZP	6	90° ZERK
10	1 X 2 5/8 ZP	8	CLEVIS PIN
11	P-794 - 1/4 ZP	8	CLIP PIN
12	1/4 - 28 STR ZP	6	ZERK
13	50037 - 007	2	TELESCOPING ARM
14	50037 - 006	2	LIFTING ARM
15	30039 - 004	1	HINGE PIN
16	12023 - 008	2	PIN COLLAR
17	3/8 X 3 1/2 NC ZP	2	BOLT, NUT & LOCK WASHER
18	50039 - 003	1	DRAW BAR PIN
19	10025 - 007	2	90° EXTENDED ZERK
20	1075 - 003	4	ROCKER SHAFT BEARING
21	3/4 NC ZP	8	COUPLING NUT & LOCK WASHER
22	10029 - 002	1	SERIAL NUMBER PLATE
23	10029 - 003	3	BIG G DECAL
24	10025 - 008	1	GANG KNOCKER WRENCH
25	10029 - 005	4	CAUTION DECAL



ROCKER SHAFTS ASSEMBLY

MAIN SHAFT & RIGHT HAND INNER & OUTER SHAFT SHOWN

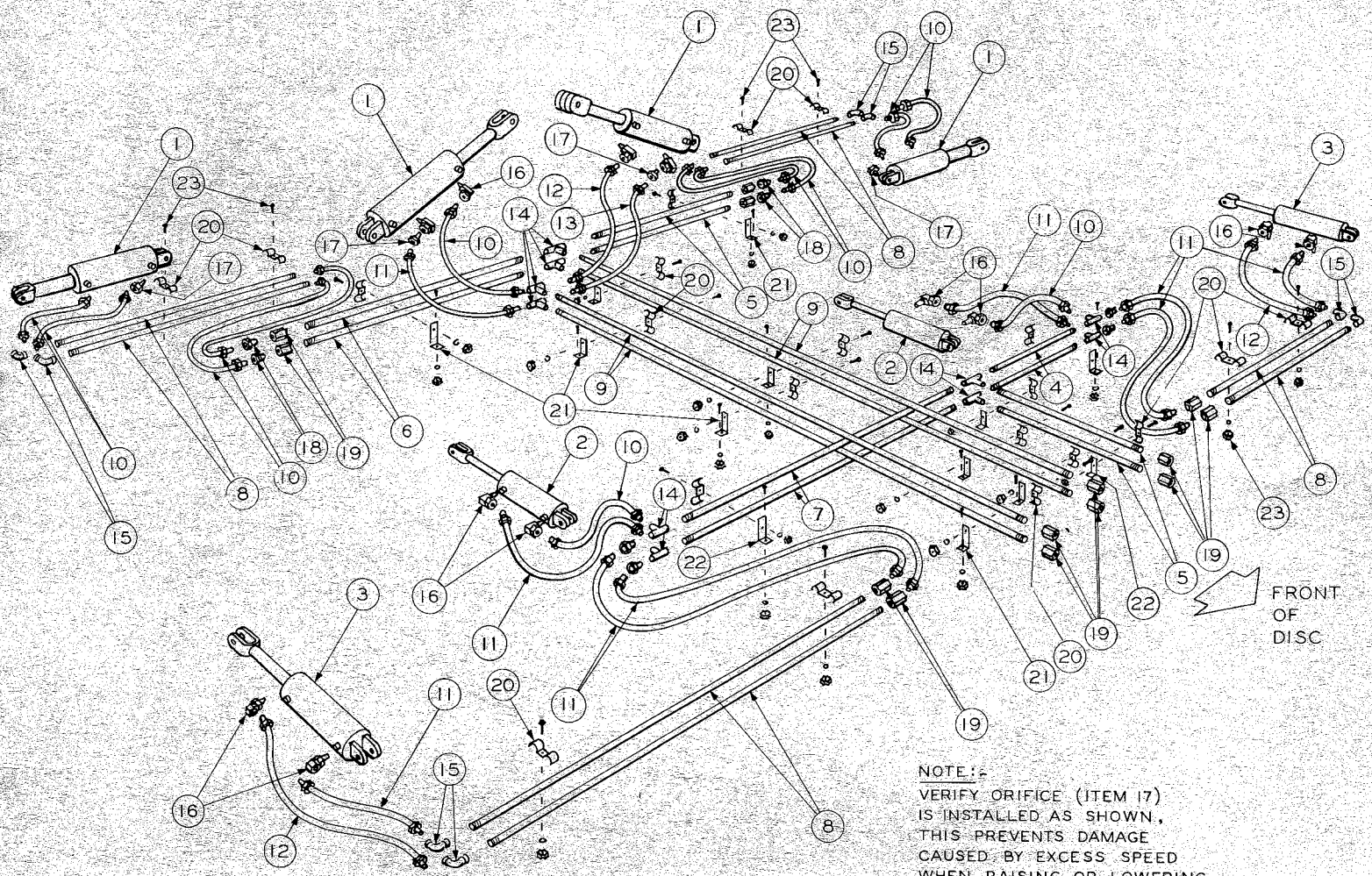
ITEM	PART NO.	NO. REQD.	DESCRIPTION
1	50035-010	4	CLEVIS LINKAGE L.H.
2	50035-009	4	LINKAGE ROD
3	50035-020	4	CLEVIS LINKAGE R.H
4	50035-019	4	LINKAGE LOCK PLATE
5	1/2 -13 ZP	4	NUT & LOCK WASHER
6	1/4 -28 STR ZP	24	ZERK
7	1 X 4 1/2 NC ZP	8	BOLT, NUT & LOCK WASHER
8	50010-010	1	MAIN ROCKER SHAFT
9	50010-019	1	INNER LEFT WING ROCKER SHAFT*
	50010-020	1	INNER RIGHT WING ROCKER SHAFT
10	50010-029	1	OUTER LEFT WING ROCKER SHAFT - 45' MODEL*
	50010-030		OUTER LEFT WING ROCKER SHAFT - 50' MODEL*
	50010-039		OUTER LEFT WING ROCKER SHAFT - 55' MODEL*
	50010-040	1	OUTER RIGHT WING ROCKER SHAFT - 45' MODEL*
	50010-049		OUTER RIGHT WING ROCKER SHAFT - 50' MODEL*
	50010-050		OUTER RIGHT WING ROCKER SHAFT - 55' MODEL
11	1/2 X 3 1/2 NC ZP	6	BOLT, NUT & LOCK WASHER
12	1075-004	8	ROCKER ARM STRAP
13	1 1/4 X 1 X 1	4	TENSION BUSHING
14	3/4 X 2 1/2 NC ZP	16	BOLT
15	1/2 X 4 1/2 NC ZP	4	BOLT, NUT & LOCK WASHER



AXLE ASSEMBLY

ITEM	FOR WING FRAMES PART NO.	NO. REQD.	FOR MAIN FRAME PART NO.	NO. REQD.	DESCRIPTION
1	106 272 - B	6	107 007-A	4	SPINDLE
2	106 167	6	107 012	4	SEAL
3	106 275	6	107 011	4	INNER CONE BEARING
4	105 254	6	107 010	4	INNER CUP
5	106 799	6	108-121	4	HUB
6	104 081	6	105 770	4	OUTER CUP
7	104 082	6	105 771	4	OUTER CONE BEARING
8	104 581	6	106 247	4	FLAT WASHER
9	103 289	6	106 248	4	CASTELATED NUT
10	5957	6	4899	4	COTTER PIN
11	103 969	6	103 212	4	CAP
12	106 939	6	–	–	WHEEL
13	–	–	16 X 9 LR	4	WHEEL & RIM
14	TR-415	6	–	–	VALVE STEM & CAP
15*	–	–	900-16	4	TUBE & FLAP
16	12.5 L-16 SL	6	–	–	TUBELESS TIRE - 12 PLY RATING
17	–	–	36 X 11	4	USED AIRCRAFT TIRE - 22 PLY
18	105 144	48	102 069	32	LUG BOLT
19*	–	–	102 070	32	LUG NUT

* = NOT SHOWN

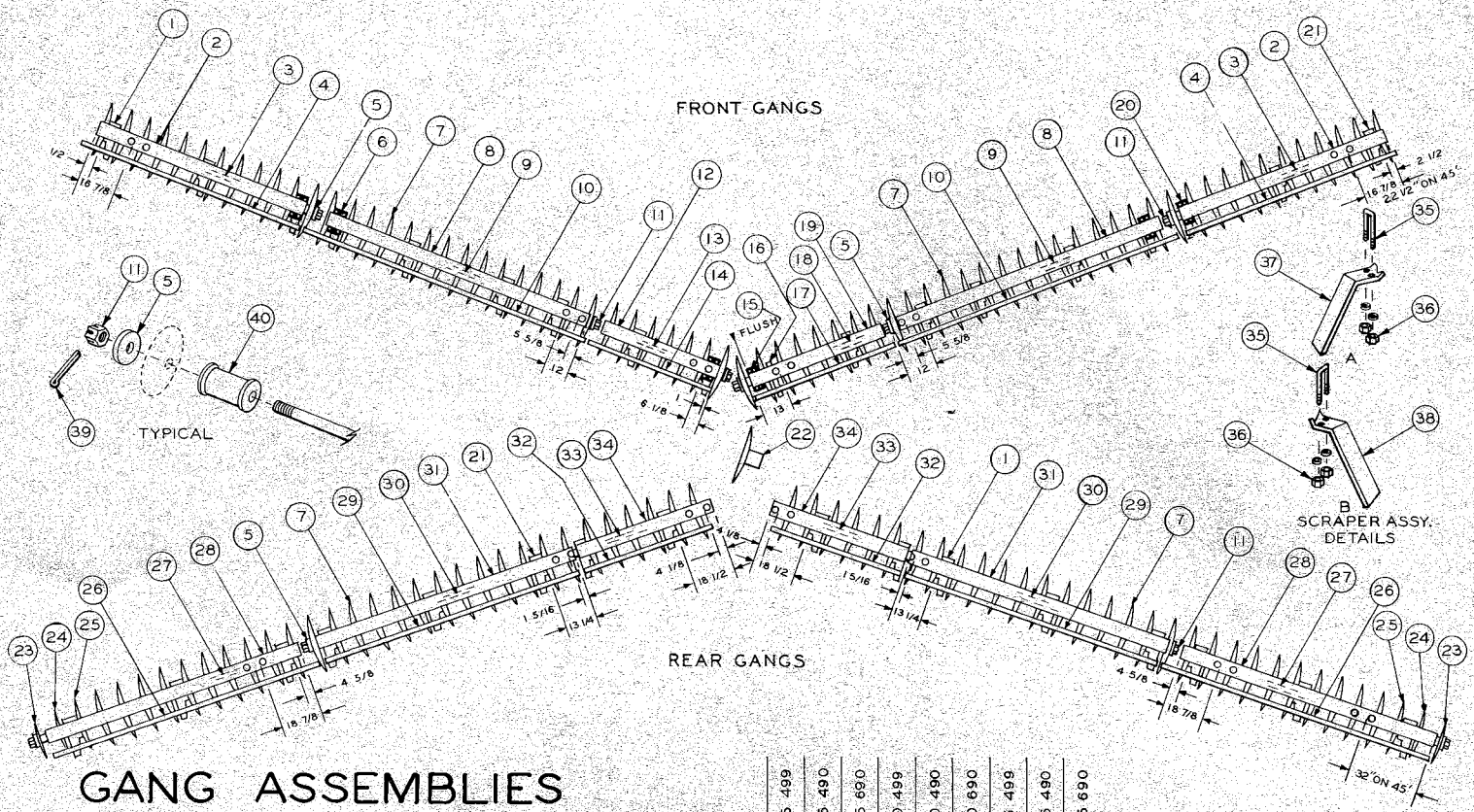


NOTE:-
VERIFY ORIFICE (ITEM 17) IS INSTALLED AS SHOWN. THIS PREVENTS DAMAGE CAUSED BY EXCESS SPEED WHEN RAISING OR LOWERING THE DISC WINGS.

HYDRAULIC ASSEMBLY

ITEM	PART NO.	NO. REQD.	DESCRIPTION
1	6024-300	4	6 X 24
2	5008-200	2	5 X 8 HYDRAULIC CYLINDER
3	4008-175	2	4 X 8
4	30008-031	2	31" LONG
5	30008-040	4	40" LONG
6	30008-074	2	74" LONG
7	30008-080	2	80" LONG BLACK PIPE 1/2 MALE NPT EACH END
8	30008-090	8	90" LONG
9	30008-116	4	116" LONG
10	828M-8M36	11	36" LONG
11	828M-8M48	9	48" LONG
12	828M-8M60	3	60" LONG HYDRAULIC HOSE 1/2" SAE 100R2 WITH 1/2 MALE NPT COUPLING EACH END
13	828M-8M70	1	70" LONG
14	1/2 FEMALE NPT	10	BLACK STRAIGHT TEE
15	1/2 FEMALE NPT	8	BLACK 90° ELBOW
16	2H0308-08	12	1/2 MALE NPTF TO 1/2 FEMALE NPSM 90° ELBOW
17	2H0108-08R	4	1/2 MALE NPTF TO 1/2 FEMALE NPSM RESTRICTOR .055 ORIFICE
18	2H0108-08	8	1/2 MALE NPTF TO 1/2 FEMALE NPSM STRAIGHT ADAPTER
19	2H128F-8F	14	1/2 FEMALE NPTF TO 1/2 FEMALE NPTF UNION
20	10025-002	21	PIPE CLAMP
21	30025-004	9	LONG
22	30025-005	4	SHORT PIPE BRACKET
23	3/8 X 1 1/4 NC ZP	36	BOLT, NUT & LOCK WASHER
NS*	CLEVIS PIN	16	INCLUDED WITH HYDRAULIC CYLINDER

*NS = NOT SHOWN



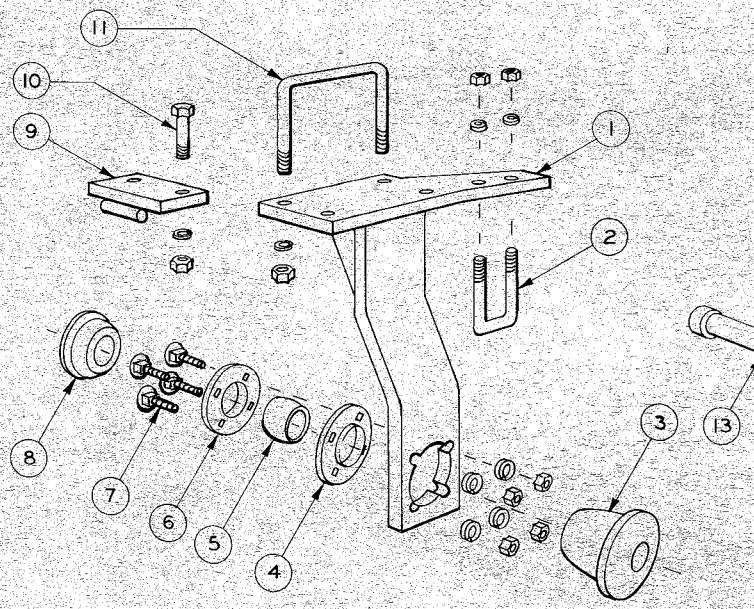
GANG ASSEMBLIES

ITEM	PART NO.	DESCRIPTION	5045 499	5045 490	5045 690	5050 499	5050 490	5050 690	5055 499	5055 490	5055 690
1	50007-030	BEARING HANGER R.H.	14	14	14	14	14	14	14	14	14
2	50016-002	GANG BEAM 100"	2	2	2	–	–	–	–	–	–
	50016-002	GANG BEAM 100"	–	–	–	2	2	2	–	–	–
	50016-002	GANG BEAM 100"	–	–	–	–	–	–	2	2	2
3	30028-005	SHAFT 88 5/8"	2	2	2	–	–	–	–	–	–
	30028-005	SHAFT 88 5/8"	–	–	–	2	2	2	–	–	–
	30028-006	SHAFT 107"	–	–	–	–	–	–	2	2	2
4	50017-002	SCRAPER BAR 87"	2	2	2	–	–	–	–	–	–
	50017-002	SCRAPER BAR 87"	–	–	–	2	2	2	–	–	–
	50017-004	SCRAPER BAR 105"	–	–	–	–	–	–	2	2	2
5	850-001	END WASHER	25	25	25	25	25	25	25	25	25
6	50007-040	BRG. HGR. ROD TYPE R.H.	3	3	3	3	3	3	3	3	3
7	20-5347	BLADE 24" 6 GA.	120	114	2	128	120	2	136	128	2
	20-5215	BLADE 24" 1/4"									
	20-6219	BLADE 26" 6 GA.	–	–	114	–	–	120	–	–	128
	20-6208	BLADE 26" 1/4"									
8	50016-005	GANG BEAM 110"	2	2	2	–	–	–	–	–	–
	50016-006	GANG BEAM 126"	–	–	–	2	2	2	2	2	2
9	30028-012	SHAFT 116 1/8"	2	2	2	–	–	–	–	–	–
	30028-007	SHAFT 134 1/4"	–	–	–	2	2	2	2	2	2
10	50017-005	SCRAPER BAR 117"	2	2	2	–	–	–	–	–	–
	50017-006	SCRAPER BAR 138"	–	–	–	2	2	2	2	2	2
11	10019-007	LOCK NUT 2"	25	25	25	25	25	25	25	25	25
12	50016-001	GANG BEAM 58"	1	1	1	1	1	1	1	1	1
13	30028-028	SHAFT 60 1/2" W/WASHER	1	1	1	1	1	1	1	1	1
14	50017-001	SCRAPER BAR 64"	1	1	1	1	1	1	1	1	1
15	50007-049	SPECIAL BEARING HANGER	1	1	1	1	1	1	1	1	1
16	50019-001	SCRAPER BAR HANGER	1	1	1	1	1	1	1	1	1
17	50017-007	SCRAPER BAR 70"	1	1	1	1	1	1	1	1	1
18	30028-003	SHAFT 70 3/8"	1	1	1	1	1	1	1	1	1
19	50016-007	GANG BEAM 64 1/2"	1	1	1	1	1	1	1	1	1
20	50007-039	BRG. HGR. ROD TYPE L.H.	2	2	2	2	2	2	2	2	2
21	50007-029	BEARING HANGER L.H.	14	14	14	14	14	14	14	14	14
22	50007-050	CENTER BLADE BRG. HGR.	1	1	1	1	1	1	1	1	1
23	21-8267	BLADE 18"	2	2	–	2	2	–	2	2	–
24	21-9275	BLADE 20"	2	2	2	2	2	2	2	2	2
25	20-4465	BLADE 22"	2	2	2	2	2	2	2	2	2
26	50017-008	SCRAPER BAR 106"	2	–	–	–	–	–	–	–	–
	50017-008	SCRAPER BAR 106"	–	2	2	–	–	–	–	–	–
	50017-013	SCRAPER BAR 115"	–	–	–	2	–	–	–	–	–
	50017-008	SCRAPER BAR 106"	–	–	–	–	2	2	–	–	–
	50017-015	SCRAPER BAR 133"	–	–	–	–	–	–	2	–	–
	50017-014	SCRAPER BAR 129"	–	–	–	–	–	–	–	2	2
27	30028-006	SHAFT 107"	2	–	–	–	–	–	–	–	–
	30028-021	SHAFT 107 7/8"	–	2	2	–	–	–	–	–	–
	30028-012	SHAFT 116 1/8"	–	–	–	2	–	–	–	–	–
	30028-021	SHAFT 107 7/8"	–	–	–	–	2	2	–	–	–
	30028-007	SHAFT 134 1/4"	–	–	–	–	–	–	2	–	–
	11028-021	SHAFT 128 1/2"	–	–	–	–	–	–	–	2	2

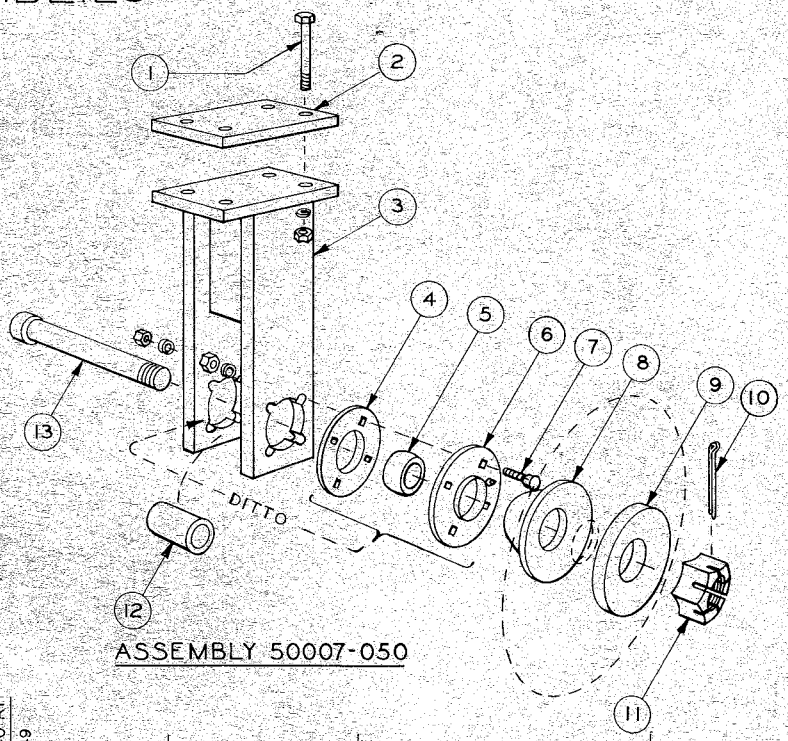
GANG ASSEMBLIES CONT.

ITEM	PART NO.	DESCRIPTION	5045-499	5045-490	5045-690	5050-499	5050-490	5050-690	5055-499	5055-490	5055-690
28	50016-008	GANG BEAM 100"	2	-	-	-	-	-	-	-	-
	50016-012	GANG BEAM 101"	-	2	2	-	-	-	-	-	-
	50016-013	GANG BEAM 109"	-	-	-	2	-	-	-	-	-
	50016-012	GANG BEAM 101"	-	-	-	-	2	2	-	-	-
	50016-016	GANG BEAM 127"	-	-	-	-	-	-	2	-	-
	50016-015	GANG BEAM 121"	-	-	-	-	-	-	-	2	2
29	50017-017	SCRAPER BAR 110"	2	-	-	-	-	-	-	-	-
	50017-018	SCRAPER BAR 111"	-	2	2	-	-	-	-	-	-
	50017-022	SCRAPER BAR 118"	-	-	-	2	-	-	2	-	-
	50017-023	SCRAPER BAR 119"	-	-	-	-	2	2	-	2	2
30	30028-006	SHAFT 107"	2	-	-	-	-	-	-	-	-
	30028-021	SHAFT 107 7/8"	-	2	2	-	-	-	-	-	-
	30028-012	SHAFT 116 1/8"	-	-	-	2	-	-	2	-	-
	30028-022	SHAFT 118"	-	-	-	-	2	2	-	2	2
31	50016-017	GANG BEAM 104"	2	-	-	-	-	-	-	-	-
	50016-018	GANG BEAM 105"	-	2	2	-	-	-	-	-	-
	50016-022	GANG BEAM 113"	-	-	-	2	-	-	2	-	-
	50016-023	GANG BEAM 122"	-	-	-	-	2	2	-	2	2
32	50017-024	SCRAPER BAR 62"	2	-	-	2	-	-	2	-	-
	50017-025	SCRAPER BAR 60"	-	2	2	-	2	2	-	2	2
33	30028-003	SHAFT 70 3/8"	2	-	-	2	-	-	2	-	-
	30028-017	SHAFT 67 1/8"	-	2	2	-	2	2	-	2	2
34	50016-024	GANG BEAM 64 1/2"	2	-	-	2	-	-	2	-	-
	50016-025	GANG BEAM 64"	-	2	2	-	2	2	-	2	2
35	1/2 X 3 NC ZP	U-BOLT	121	115	115	129	121	121	137	129	129
36	1/2 NC ZP	NUT & LOCK WASHER	242	230	230	258	242	242	274	258	258
37	10019-003	SCRAPER L.H.	61	58	58	65	61	61	69	65	65
38	10019-004	SCRAPER R.H.	60	57	57	64	60	60	68	64	64
39	3/8 X 3 1/2 ZP	COTTER PIN	25	25	25	25	25	25	25	25	25
40	1080-001	SPOOL 9"	79	37	37	87	41	41	95	45	45
	1081-001	SPOOL 10"	-	36	36	-	38	38	-	42	42

BEARING HANGER ASSEMBLIES



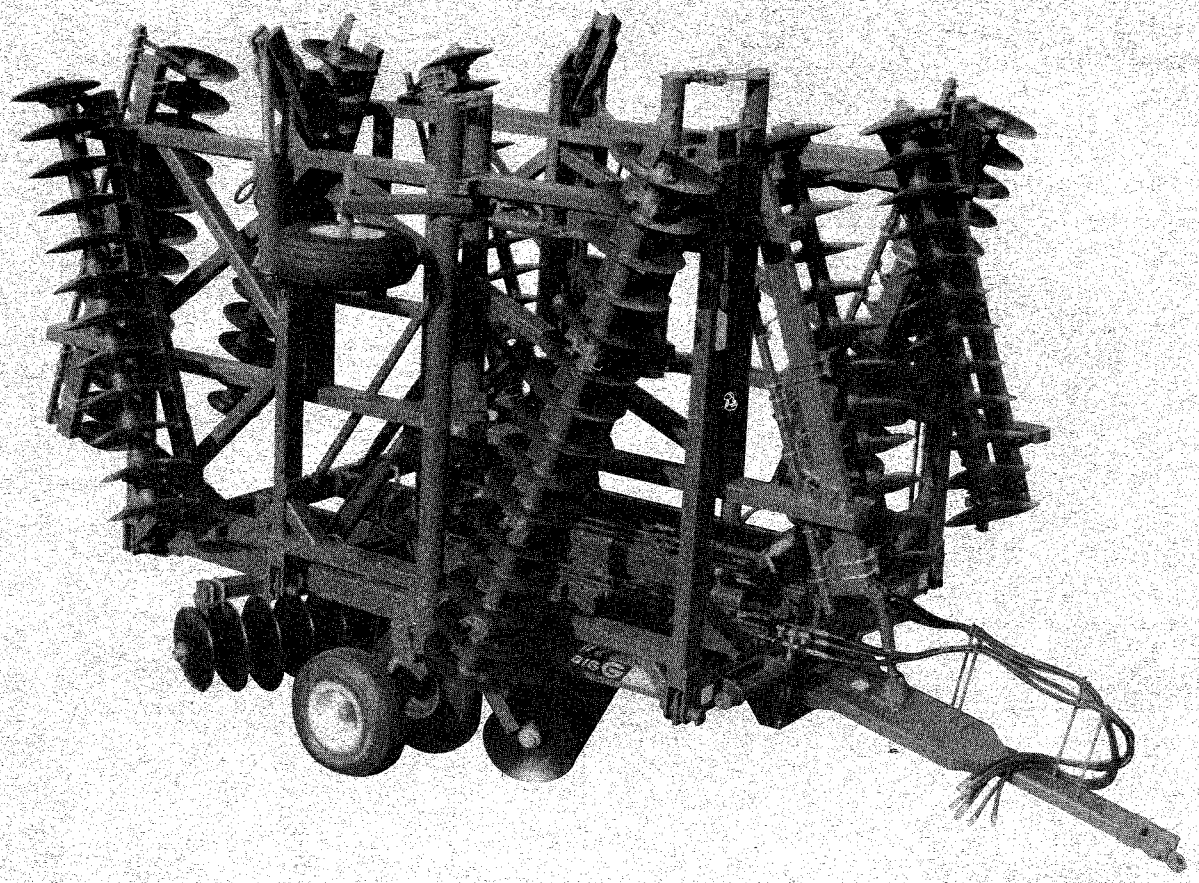
ASSEMBLY 50007-029 L.H. SHOWN



ASSEMBLY 50007-050

ITEM	PART NO.	DESCRIPTION	50007-029 LH	50007-030 RH	50007-039 LH	50007-040 RH	50007-049
1	SEE COLUMN →	BEARING HANGER	1	1	1	1	-
2	3/4 X 2 1/16 NC ZP	U-BOLT, NUTS & LW	1	1	1	1	-
3	1180-003	HALF SPOOL - CONVEX	1	1	1	1	1
4	10007-002	INNER FLANGETTE	1	1	1	1	1
5	10007-003	BEARING	1	1	1	1	1
6	10007-004	OUTER FLANGETTE W/ZERK	1	1	1	1	1
7	1/2 X 1 1/2 NC ZP	CARRIAGE BOLT, NUT & LW	4	4	4	4	4
8	1180-002	HALF SPOOL - CONCAVE	1	1	1	1	1
9	50007-010	BEAM CLAMP PLATE	-	-	2	2	2
10	3/4 X 3 1/2 NC ZP	BOLT, NUT & LW	-	-	4	4	4
11	3/4 X 6 1/2 NC ZP	U-BOLT, NUTS & LW	2	2	-	-	-

ITEM	PART NO.	DESCRIPTION	NO. REQ'D.
1	3/4 X 6 1/2 NC ZP	BOLT, NUT & LW	4
2	50007-001	HANGER PLATE	1
3	50007-011	CENTER BLADE BEARING HGR.	1
4	10007-002	INNER FLANGETTE	2
5	10007-003	BEARING	2
6	10007-004	OUTER FLANGETTE W/ ZERK	2
7	1/2 X 1 1/2 NC ZP	CARRIAGE BOLT, NUT & LW	8
8	1180-002	HALF SPOOL CONCAVE	1
9	850-001	END WASHER	1
10	3/8 X 3 1/2 ZP	COTTER PIN	1
11	10019-007	LOCK NUT	1
12	50053-001	BH SPACER SPOOL	1
13	50028-031	SINGLE BLADE SHAFT	1



WARRANTY

Green Line, Inc. warrants each product (except tires) manufactured by it shall be free from defects in material and workmanship. This warranty shall be limited to making good, F.O.B. Factory, any part which under normal and proper use and maintenance proves defective in material and workmanship within one year (12 months) after date of delivery to original Buyer, provided that notice of such defect and satisfactory proof is promptly given by the Buyer to the Seller and such part is returned with transportation charges prepaid and Factory examination proves such part to have been defective. It is understood that Buyer shall bear the expense of installation and will pay for travel time if he chooses to have product repaired at another location.
This warranty does not apply to any product that has been subject to overloading, misuse, negligence or accident, nor to any part that shall have been repaired, altered, or using parts not sold or approved by Green Line, Inc.
This warranty is the only warranty applicable and is expressly in lieu of any warranties otherwise implied, and in no event shall the Seller or the Manufacturer be liable for consequential or special damages and neither assumes nor authorizes anyone to assume for any of them any additional liability in connection therewith.

BIG G®

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