

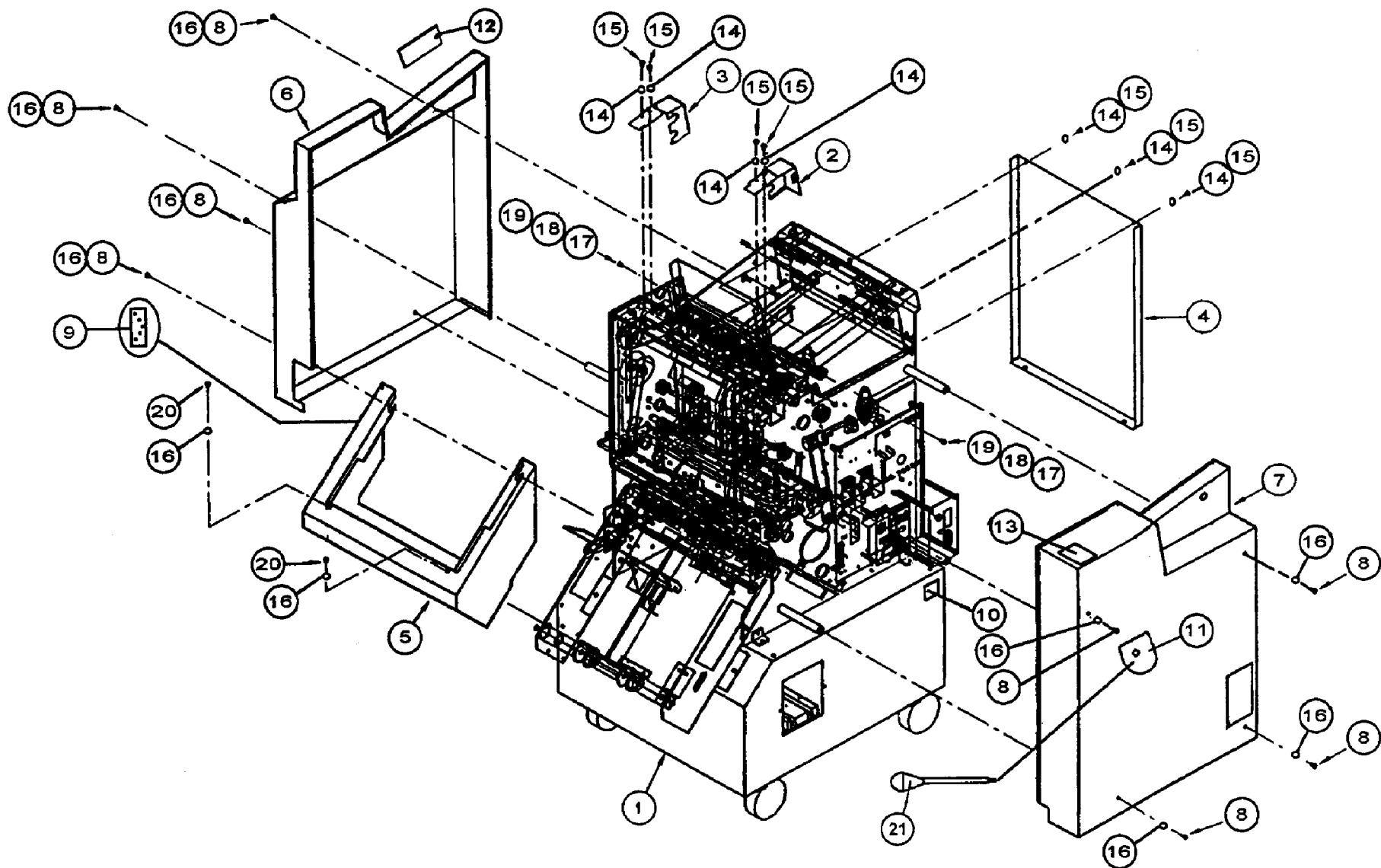


FIGURE 8.1.0 COVERS

FIGURE 8.1.0

#	GBC#	ASTERISK#	DESCRIPTION	QTY
1	1774824	P2A50000	BASE ASSY.	1
2	1774849	P2102L00	GUARD BRACKET LH	1
3	1774850	P2102R00	GUARD BRACKET RH	1
4	1774805	P2225000	LOWER SIDE COVER	1
5	0147039600	P2232000	STACKER COVER	1
6	1774659	P22350G0	FRONT COVER	1
	1722612	P2292000	FRONT COVER (ULTRA)	1
7	1774812	P2242000	REAR COVER	1
8	1980302	32BHSI38	BUTTON HEAD CAP SCREW ¼-20 X 3/8	8
9	9950184	3VGBC031	AP-2 PAPER HEIGHT ADJUST LABEL	1
10	9950237	3VGBC036	SERIAL # LABEL, AP-2	1
11	9989952	3VGBC040	AP-2 DIE SET RELEASE LEVER LABEL	1
12	9989954	3VGBC041	AP-2 LOGO LABEL	1
	1722613	3CGBC073	AP2 ULTRA LOGO LABEL	1
13	9989957	3VGBC042	AP-2 EMERGENCY STOP LABEL	1
14	1925232	31NYF120	NYLON FLAT WASHER	7
15	1980628	32THMF38	TRUSS HEAD PHILIPS HD SCREW 10-32X3/8	7
16	1925224	31NYF140	NYLON FLAT WASHER	6
17	1980074	32SHSF63	SHCS 10-32 X 5/8 STAINLESS	2
18	1926063	30SLW010	SPRING LOCK WASHER	2
19	1925060	30FMS130	FLAT WASHER	2
20	1980302	32BHS188	BUTTON HD CAP SCREW ¼-20 X 7/8	2
21	9950236	3NLVB001	LEVER BAR WITH OVAL KNOB ¼-20	1

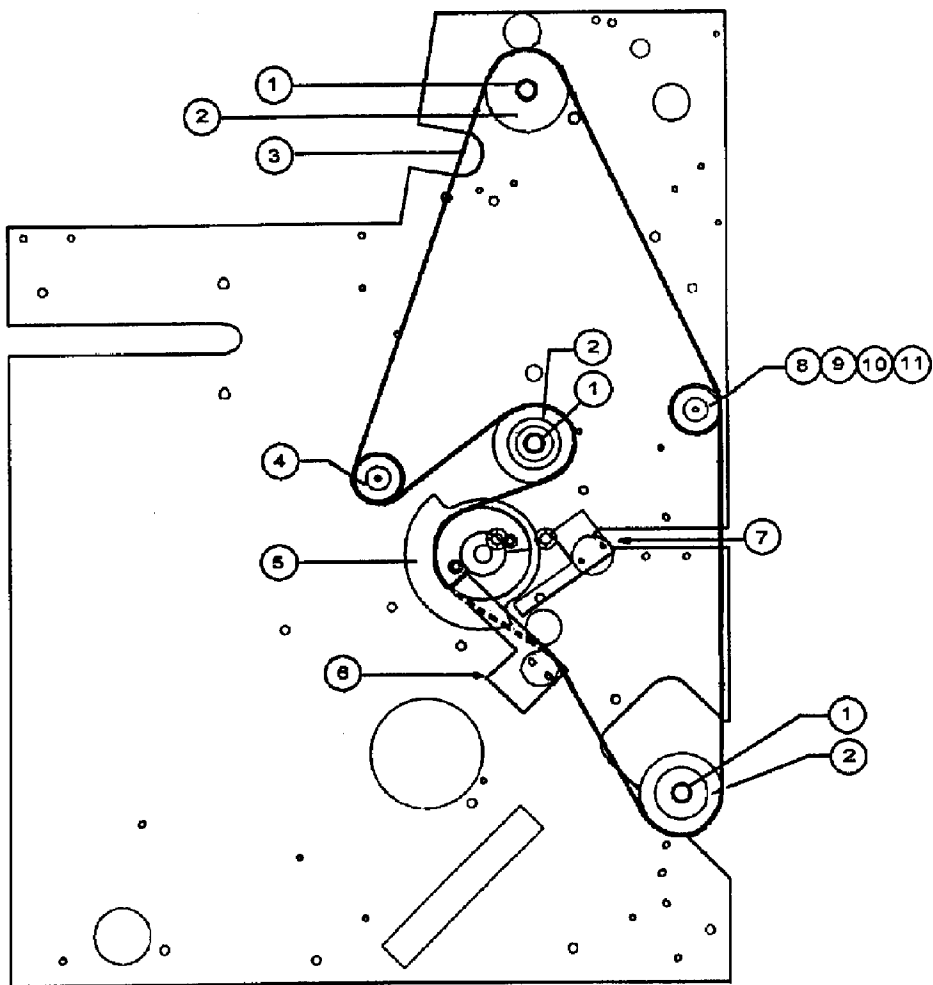


FIGURE 8.2.0 FRONT VIEW

FIGURE 8.2.0

#	GBC#	ASTERISK#	DESCRIPTION	QTY
1	9950371	38C2C625	SHAFT COLLAR	3
2	1774699	P2049000	JUSTIFY TIMING PULLEY	2
3	1981509	6BTX469D	DOUBLE SIDED TIMING BELT	1
4	1774870	P2A95000	ADJUSTABLE IDLER PULLEY	1
5	1774841	P2A73000	BACKGAUGE CAM ASSY	1
6	1774636	P2136000	DISCHARGE NIP BRACKET	1
7	1774837	P2A68000	BACKGAUGE ASSY	1
8	1771093	AP038000	IDLER PULLEY ASSY	1
9	1980077	32SHSFA0	SHCS 10-32 X 1 STAINLESS	1
10	1926063	30SLW010	SPRING LOCK WASHER	1
11	1925060	30FMS130	FLAT WASHER	1
12	1925081	30FFH025	FINISHED FLAT WASHER	1

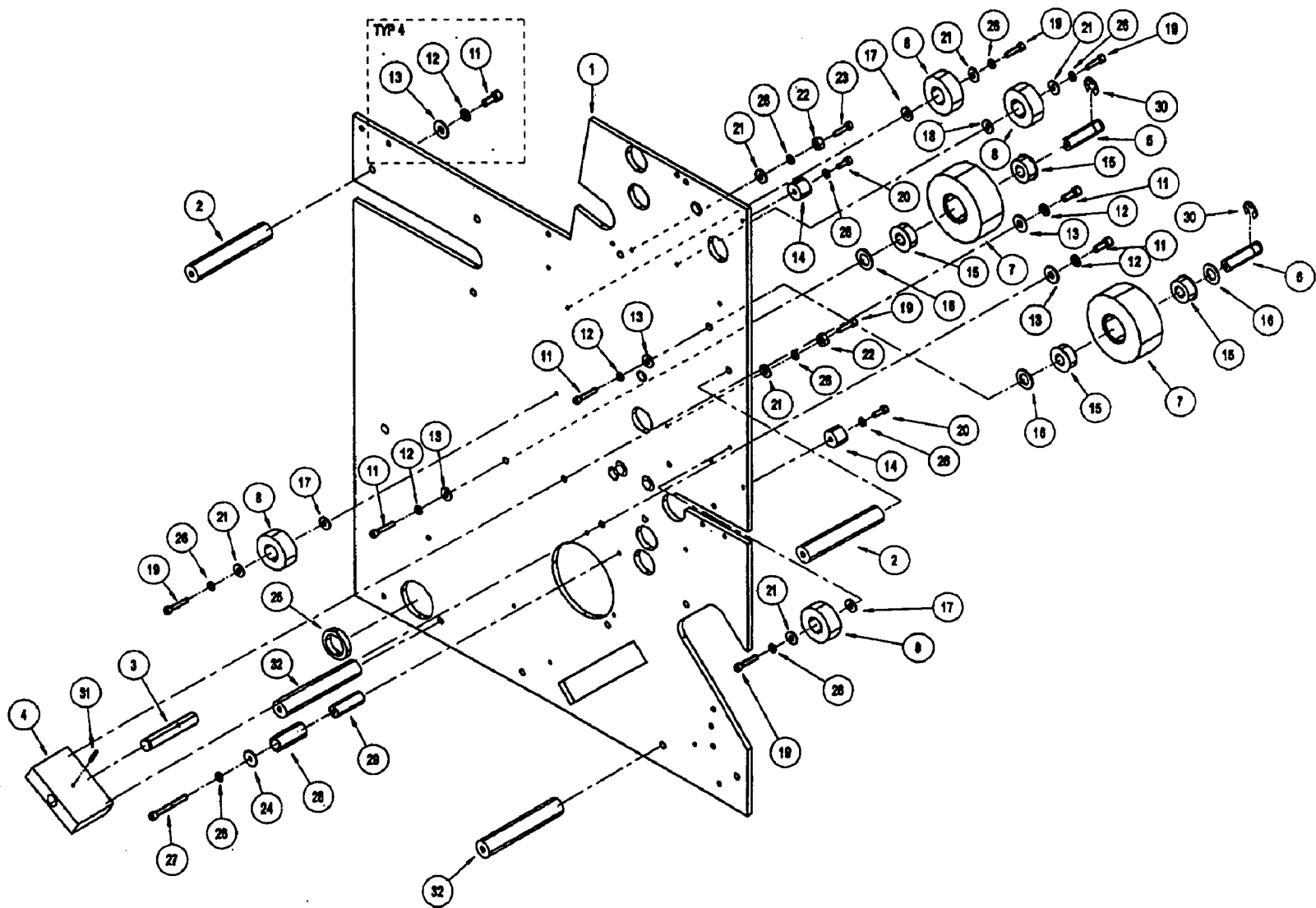
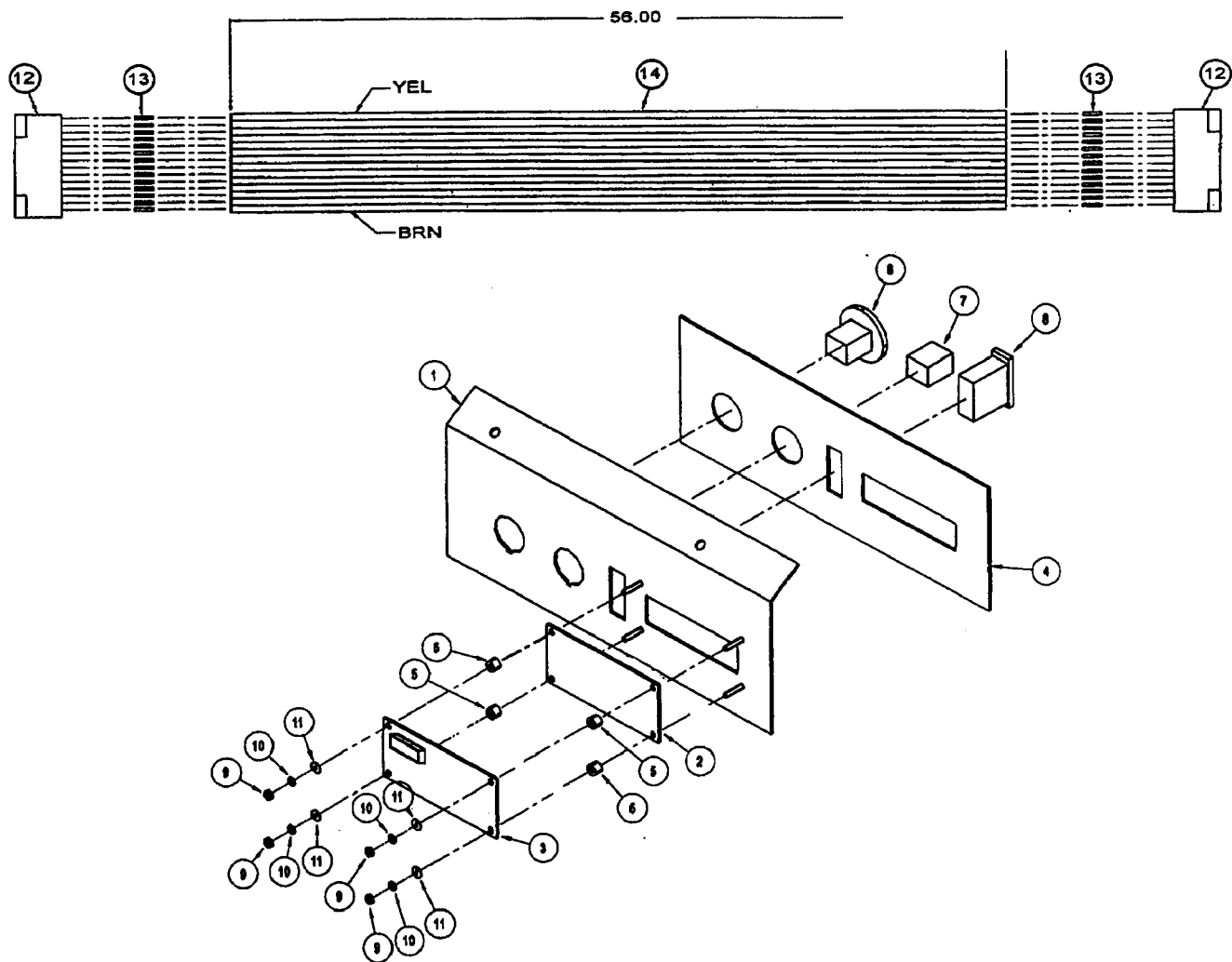


FIGURE 8.2.1 FRONT PLATE ASSEMBLY

FIGURE 8.2.1

#	GBC#	ASTERISK#	DESCRIPTION	QTY
1	1774752	P2125000	FRONT PLATE	1
2	1722620	P2190000	UPPER FRONT COVER STANDOFF	2
3	1774631	P2089000	FULCRUM SHAFT	1
4	1774630	P2088000	FULCRUM BLOCK	1
5	1774723	P2080000	SHORT STUBB SHAFT	1
6	1774713	P2067000	PULLEY STUB SHAFT	1
7	1774712	P2066000	TRANSFER PULLEY	2
8	1774874	P2A98000	ADJUSTABLE IDLER PULLEY ASSY.	1
	1771093	AP038000	IDLER PULLEY ASSY	1
9				
10				
11	1980095	32SHS163	SHCS1/4-20 X 5/8 STAINLESS	8
12	1926064	30SLW025	SPRING LOCK WASHER	8
13	1925061	30FMS155	FLAT WASHER	8
14	9950106	3QSR056	RECESSED BUMPER	2
15	1771425	61RIO815	RADIAL BALL BEARING	4
16	9950195	31MBC121	MACHINERY BUSHING	3
17	1925081	30FFH025	FLAT WASHER	3
18	1925080	30FFH010	FLAT WASHER	1
19	1980077	32SHSFAO	SHCS10-32 X 1 STAINLESS	5
20	1980072	32SHSF50	SHCS 10-32 X 1/2 STAINLESS	2
21	1925060	30FMS130	FLAT WASHER	6
22	1980702	33HXSA32	HEX NUT 10-32 STAINLESS	2
23	1980075	32SHSF75	SHCS 10-32 X 3/4 STAINLESS	1
24	1925604	30FDS103	FENDER WASHER	1
25	1954028	42GMT501	GROMMET	1
26	1926063	30SLW010	SPRING LOCK WASHER	9
27	1980081	32SHSFA8	SHCS 10-32 X 1 3/4 STAINLESS	1
28	9950159	51NLGF6N	PVC TUBING	1
29	1924833	3CRSC8B0	ROUND SPACER	1
30	1930522	3710Z500	E STYLE RETAINING RING 1/2	2
31	1931533	3ACCS575	COILED SPRING 1/8 X 3/4	1
32	1722619	P2109000	LOWER FRONT COVER STAND OFF	2



8.2.2 KEYBOARD ASSY & LCD RIBBON CABLE ASSY

FIGURE 8.2.2

#	GBC#	ASTERISK#	DESCRIPTION	QTY
	1774836	P2A67000	KEYBOARD ASSY (CONTAINS 1-11)	1
1	1774815	P2245000	KEYBOARD	1
2	1774860	P2124000	DISPLAY COVER	1
3	1774857	P2120000	KEYBOARD DISPLAY	1
4	9950183	3VGBC030	AP-2 CONTROL PANEL LABEL	1
5	1925306	3CRSN423	ROUND SPACER	4
6	9950249	4JPG8033	ROUND MAINTAINED MUSHROOM	1
7	9950250	4JPG814N	SQUARE STANDARD PUSH BUTTON	1
8	9950053	4JCWI001	PANEL MOUNT ROCKER SWITCH	1
9	1980704	33HXS256	MACHINE SCREW NUT 2-56 STAINLESS	4
10	1926067	30SLW002	SPLIT LOCK WASHER STAINLESS	4
11	1925068	30FMS100	FLAT WASHER #2 STAINLESS	4
	1774858	P2A85000	LCD RIBBON CABLE ASSY (12 THRU 14 BELOW)	1
12	1771403	45MLX014	TERMINAL HOUSING, CRIMP	2
13	1771405	45MLX000	FEMALE PIN CRIMP TERMINAL	28
14	1730502	409RC6E0	FLAT RIBBON CABLE (56")	1
	9950247		CONTACT BLOCK	1

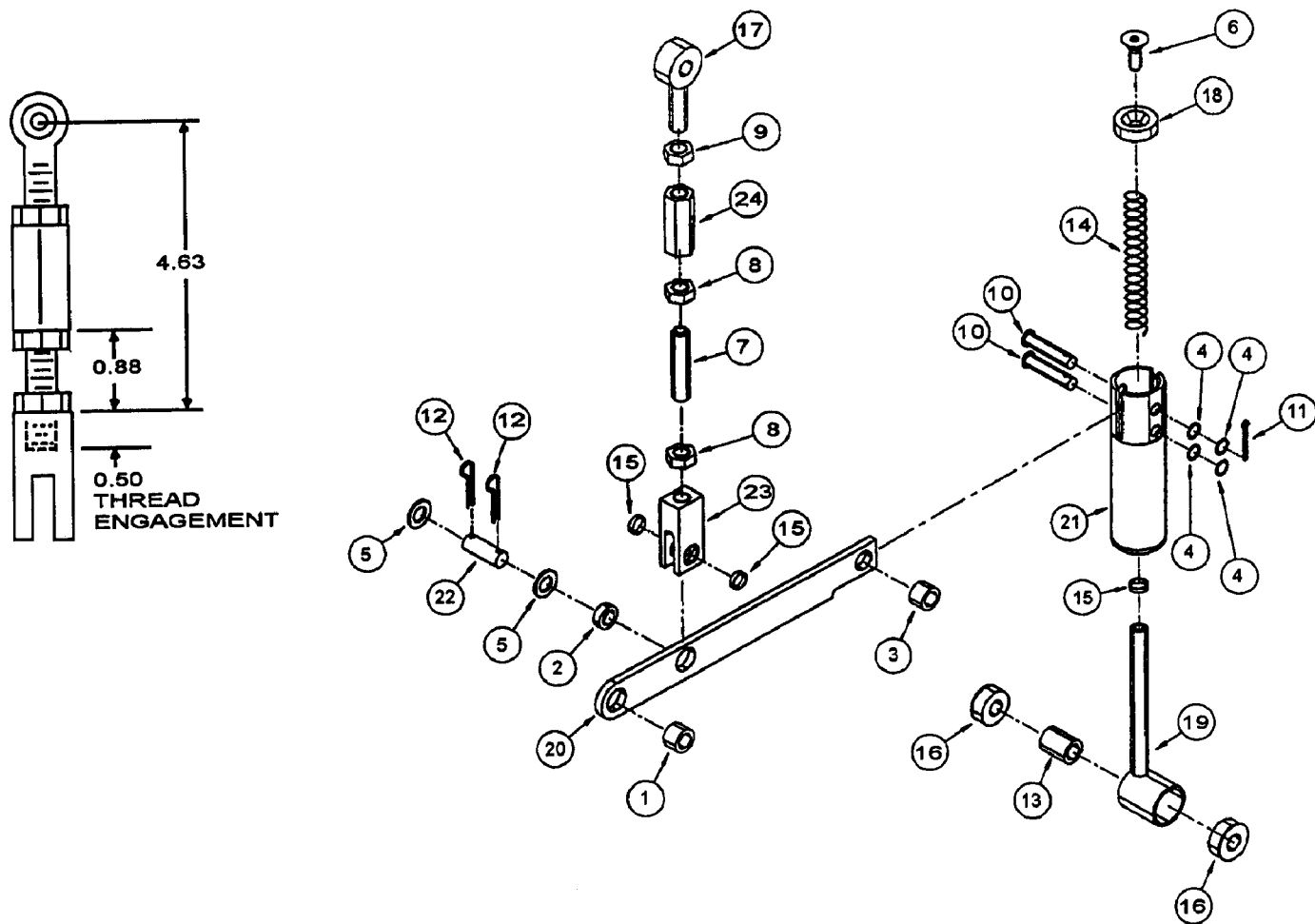


FIGURE 8.2.3 OVERLOAD ARM ASSEMBLY

FIGURE 8.2.3

#	GBC#	ASTERISK#	DESCRIPTION	QTY
*	1774653	P2A59000	OVERLOAD ARM ASSY (LEFT SIDE)	1
*	1774875		OVERLOAD ARM ASSY (RIGHT SIDE)	1
1	1771430	31DRB001	DRILL BUSHING .50 ID X ¾ OD X ½ LG	1
2	1771429	31DRB002	DRILL BUSHING, .50 ID X ¾ OD X ¼ LG	1
3	9950192	31DRB003	DRILL BUSHING, 3/8 ID X 5/8 OD X ½ LG	1
4	1925240	31HHF330	HARD FIBER WASHER 3/8 ID X ½ OD X .03 THK	4
5	9950195	31MBC121	MACHINERY BUSHING ½ ID X 7/8 OD X .075 THK	1
6	1900638	32FHCMA0	FLAT HEAD SOCKET CAP SCREW 3/8-16 X 1	1
7	1914302	32SFSQB5	FULLY THREADED STUD ½ - 13 X 2-1/2	1
8	1980802	33HJSF13	HEX JAM NUT ½-13	2
9	1980803	33HJSF20	HEX JAM NUT ½-20	1
10	9950016	3ACLCBA8	CLEVIS PIN 3/8 X 1.75	2
11	9950208	3ACPC5A	COTTER PIN 1/8 X 1-1/4	1
12	1930253	3AHPC074	HAIRPIN COTTER ½ -5/8 SHFT X .12W X 1 – 3/8 LG	2
13	1924836	3CRSCCG	SPACER ¾ OD X ½ ID 1 LG	1
14	1935214	3FDIEM74	COMPRESSION SPRING 1-1/4H X 5/8 R OD X 5 LG	1
15	9950165	60TS7892	SNAP IN SLEEVE BEARING ½ ID X 9/16 OD X .14	3
16	1771425	61RJO815	RADIAL BALL BEARING 1/2ID X 1-1/8 OD X 5/16 W	2
17	0147021000	64PMR501	PLAIN BALL MALE ROD END BEARING ½ -20	1
18	1771059	AP003000	PUNCH ROD PLATE	1
19	1774692	P2036000	BEARING HOUSING ROD	1
20	1774620	P2044000	LEVER ARM	1
21	1774696	P2045000	SPRING HOUSING	1
22	1774645	P2199000	CLEVIS PIN	1
23	1774647	P2211000	CLEVIS	1
24	1774799	P2212000	ADJUST NUT	1
	1774937		CRANK ARM BLOCK (NOT SHOWN)	1
	1931523		PIN (NOT SHOWN)	1

- CONTAINS 1 THRU 24

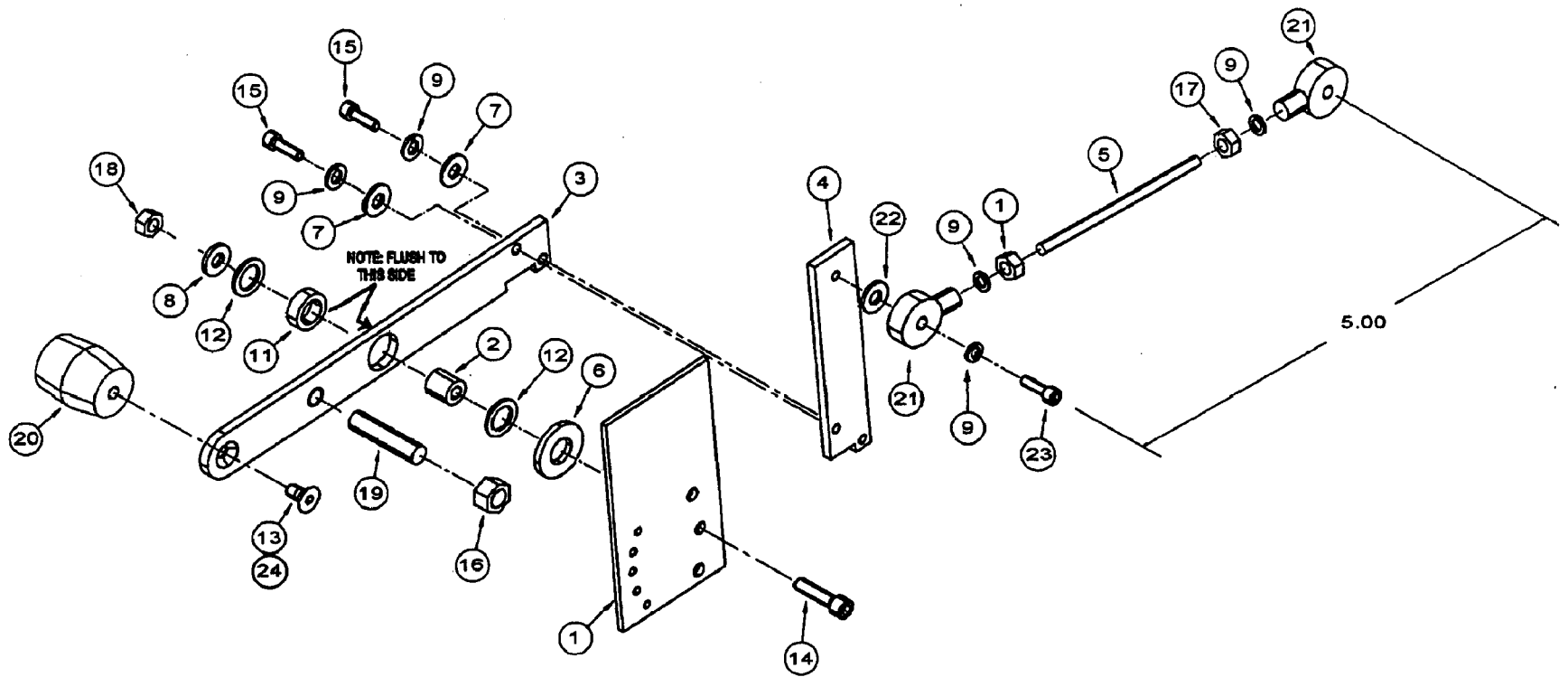


FIGURE 8.2.4 REDIRECT LEVER ASSEMBLY

FIGURE 8.2.4

#	GBC#	ASTERISK#	DESCRIPTION	QTY
	1774887		REDIRECT LEVER ASSY	1
1	1774771	P2171000	DEPTH ADJUST PLATE	1
2	1774772	P2172000	STUB SHAFT	1
3	1774773	P2173000	ARM	1
4	1774778	P2179000	ARM	1
5	1774638	P2160000	LINKAGE THREADED ROD	1
6	1925082	30FFH050	FINISHED FLAT WASHER	1
7	1925060	30FMS130	FLAT WASHER #10	2
8	1925061	30FMS155	FLAT WASHER	1
9	1926063	30SLW010	SPRING LOCK WASHER #10	5
10				
11	1771429	31DRB002	DRILL BUSHING .501 ID X ¾ O X ¼ LG	1
12	1925230	31NYF187	NYLON FLAT WASHER	2
13	1980094	32FHS150	FAT HEAD SOCKET CAP SCREW ¼ -20 X ½	1
14	1900539	32SHCIA3	SOCKET CAP SCREW ¼ - 20X 1 1/4	1
15	1980074	32SHSF63	SOCKET CAP SCREW 10-32 X 5/8	2
16	1980801	33HJSD16	HEX JAM NUT 3/8 – 16	1
17	1980702	33HXSA32	HEX NUT 10-32	2
18	1980853	33NLSB20	NYLON INSERT HEX LOCKNUT ¼ - 20	1
19	9950234	3KSTDS27	BALL PLUNGER	1
20	9950235	3NKNP004	KNOB ¼ - 20	1
21	9950063	64PFR010	PLAIN BALL FEMALE ROD END BEARING	2
22	1925080	30FFH010	FINISHED FLAT WASHER #10	1
23	1980075	32SHSF75	SOCKET CAP SCREW #10	

FIGURE 8.3.0

#	GBC#	ASTERISK#	DESCRIPTION	QTY
1	9950195	31MBC121	MACHINERY BUSHING ½ ID X 7/8 OD X .075	10
2	1774655	P2A65000	PUNCH DECK DOOR ASSY (SEE FIG 8.3.4)	1
3	1930522	3710Z500	E-STYLE RETAINING RING ½ SHAFT	5
4	1774840	P2A71000	DRIVER BAR MOUNT ASSY (SEE FIG 8.3.4	1
5	1926063	30SLW010	SPRING LOCK WASHER #10	4
6	1774654	P2A63000	LID & SKATE ASSY (SEE FIG 8.3.3)	1
7	1722610	32SHSF38	SOCKET CAP SCREW 10-32 X 3/8	4
8	1774673	P2105000	PICK SHAFT	1
9	9950195	31MBC121	MACHINERY BUSHING ½ ID X 7/8 OD X .075	3
10	1930522	3710Z500	E-STYLE RETAINING RING ½ SHAFT	2
11	1925060	30FMS130	FLAT WASHER#10	2
12	1926063	30SLW010	SPRING LOCK WASHER	4
13	1722610	32SHSF38	SOCKET CAP SCREW 10-32 X 3/8	2
14	1771425	61RI0815	RADIAL BALL BEARING	1
15	1981312	6BTX418R	TIMING BELT 180 X 037	1
16	1774838	P2A54000	WEDGE ASSY (SEE FIG 8.3.2 OBSOLETE)	1
17	1774782	P2184000	LID PIVOT SHAFT	1

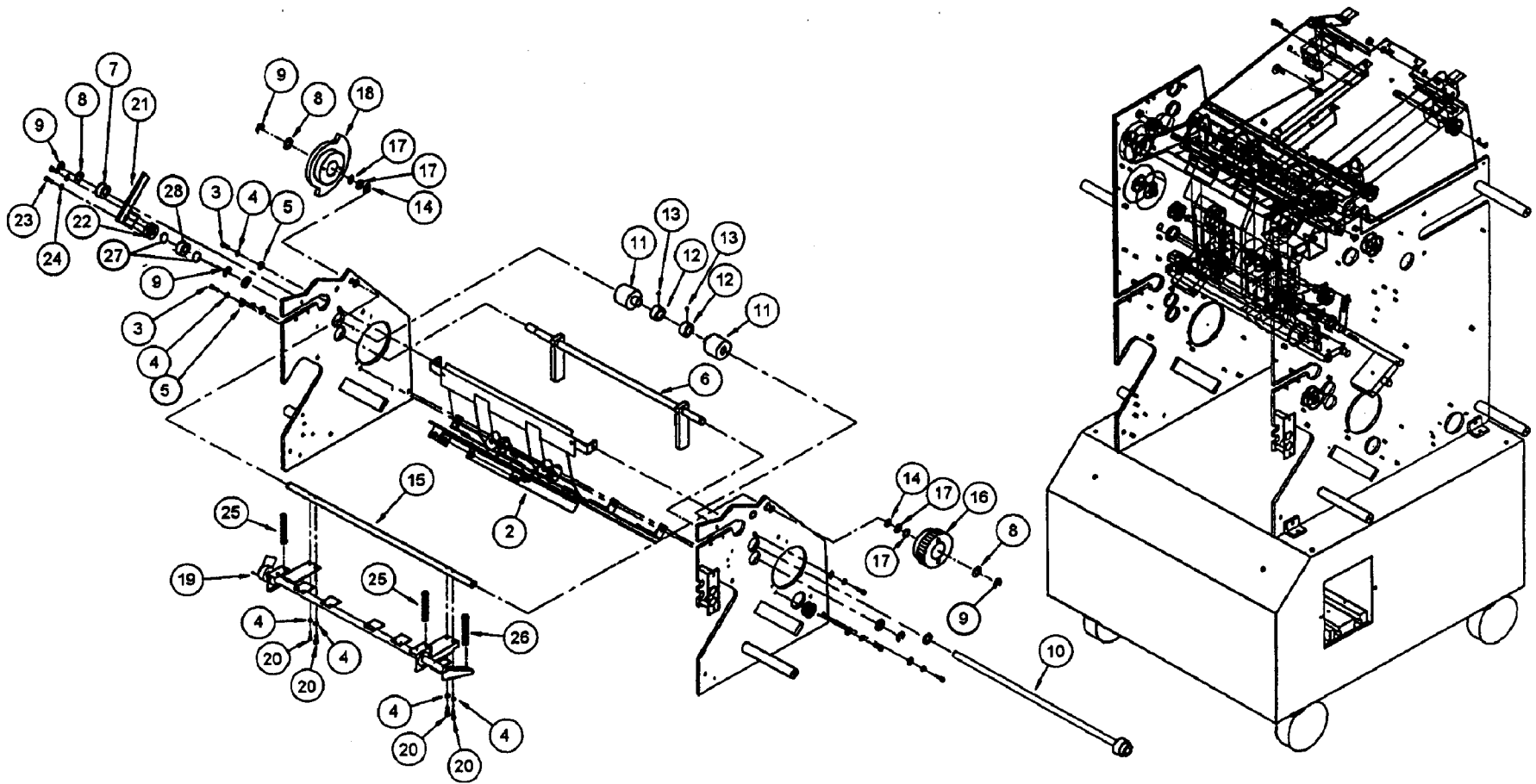


FIGURE 8.3.1 RIGHT VIEW (2 OF 2)

FIGURE 8.3.1

#	GBC#	ASTERISK#	DESCRIPTION	QTY
1		P2A4000A	FINAL ASSY	1
2	1774833	P2A62000	REDIRECT ASSY (SEE FIG. 8.3.7	1
3	1980074	32SHSF63	SOCKET CAP SCREW 10-32 X 5/8	6
4	1926063	30SLW010	SPRING LOCK WASHER #10	10
5	1925060	30FMS130	FLAT WASHER # 10	6
6	1774835	P2A66000	NIP SHAFT ASSY	1
7	1771425	61RI0815	RADIAL BALL BEARING	4
8	9950195	31MBC121	MACHINERY BUSHING ½ X7/8 X .075	6
9	1930522	3710Z500	E STYLE RETAINING RING	5
10	1774877	P2A91000	DRIVE SHAFT	1
11	1774861	P2131000	DRIVE ROLLER	2
12	1774846	P2031000	SHAFT COLLAR	2
13	1900090	34CPAF19	CUP POINT SOCKET SET SCREW 10-32 X 3/16	2
14	1953639	60TH5822	FLANGED PLAIN BEARING	2
15	1774703	P2055000	BACK GAUGE PIVOT SHAFT	1
16	1774842	P2A74000	JOGGER ASSY *	1
17	1925238	31NYN170	NYLON FLAT WASHER 1/2ID X 11/16ODX1/32	4
18	1774841	P2A73000	BACKGAUGE CAM ASSY	1
19	1774837	P2A6800	BACKGAUGE ASSY (SEE FIG 8.3.6 OBSOLETE)	1
20	1722610	32SHSF38	SOCKET CAP SCREW 10/32 X 3/8	4
21	1774636	P2136000	DISCHARGE NIP BRACKET	1
22	1774748	P2113000	BACKGAUGE CLAMP COLLAR	1
23	1980027	32SHSC25	SOCKET CAP SCREW 6-32 X ¼	2
24	1926061	30SLW006	SPRING LOCK WASHER #6	2
25	9950020	3GMF34A5	EXTENSION SPRING 3/8 ODX .034WX11/2 L	2
26	9950377	3GMK41B3	EXTENSION SPRING ½ ODX .041W X 11/4 L	2
27	1774870	P2A95000	PULLEY, BELT TENSIONER ASSY	1
28	1926203	31SHS232	SHIM	2

- MUST ORDER THESE 2 PARTS 1774619 (JOG GEAR) & 1774725 (BACKGAUGE TIMING PULLEY)

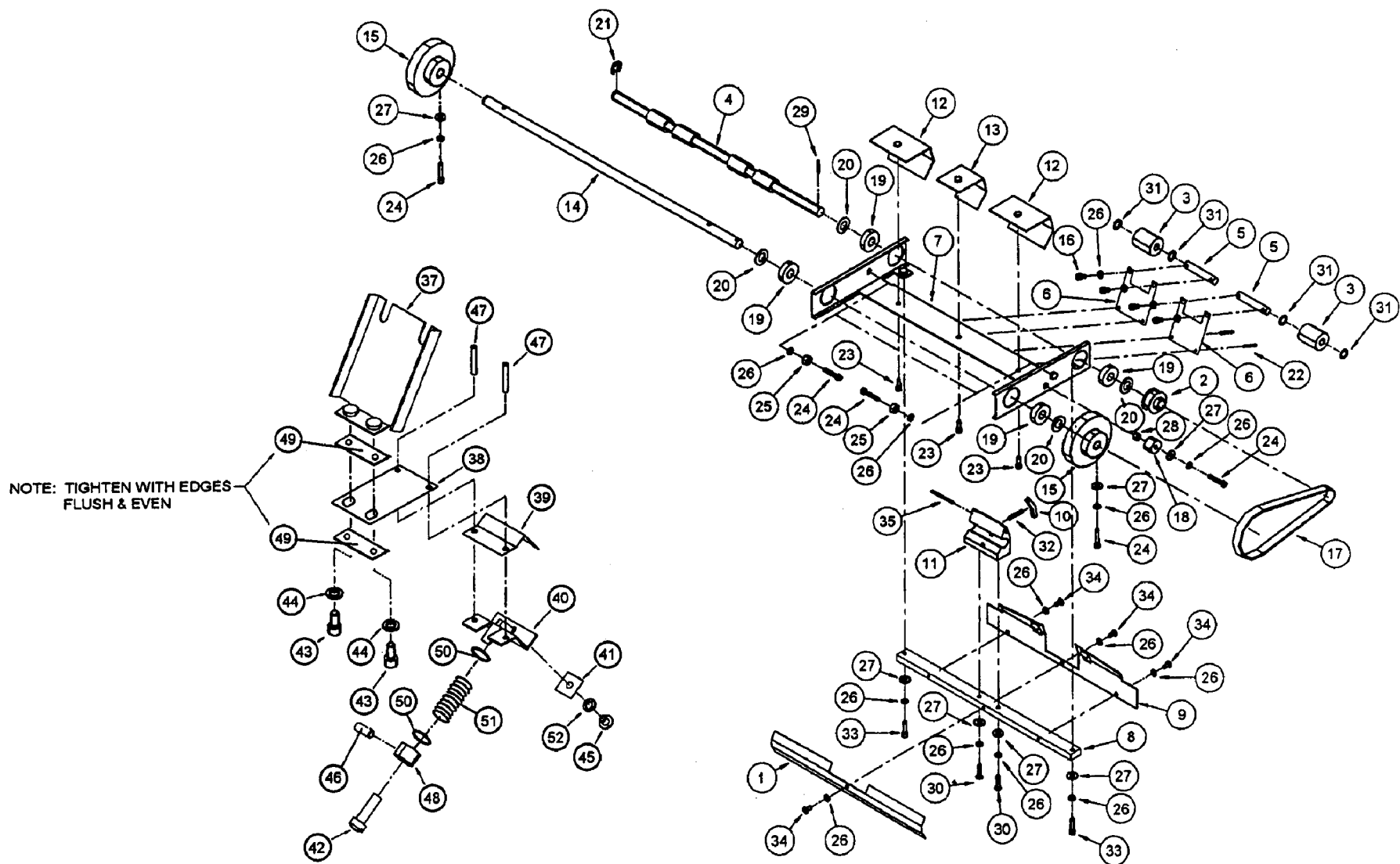


FIGURE 8.3.2 PICKHEAD ASSY & WEDGE ASSY

FIGURE 8.3.2

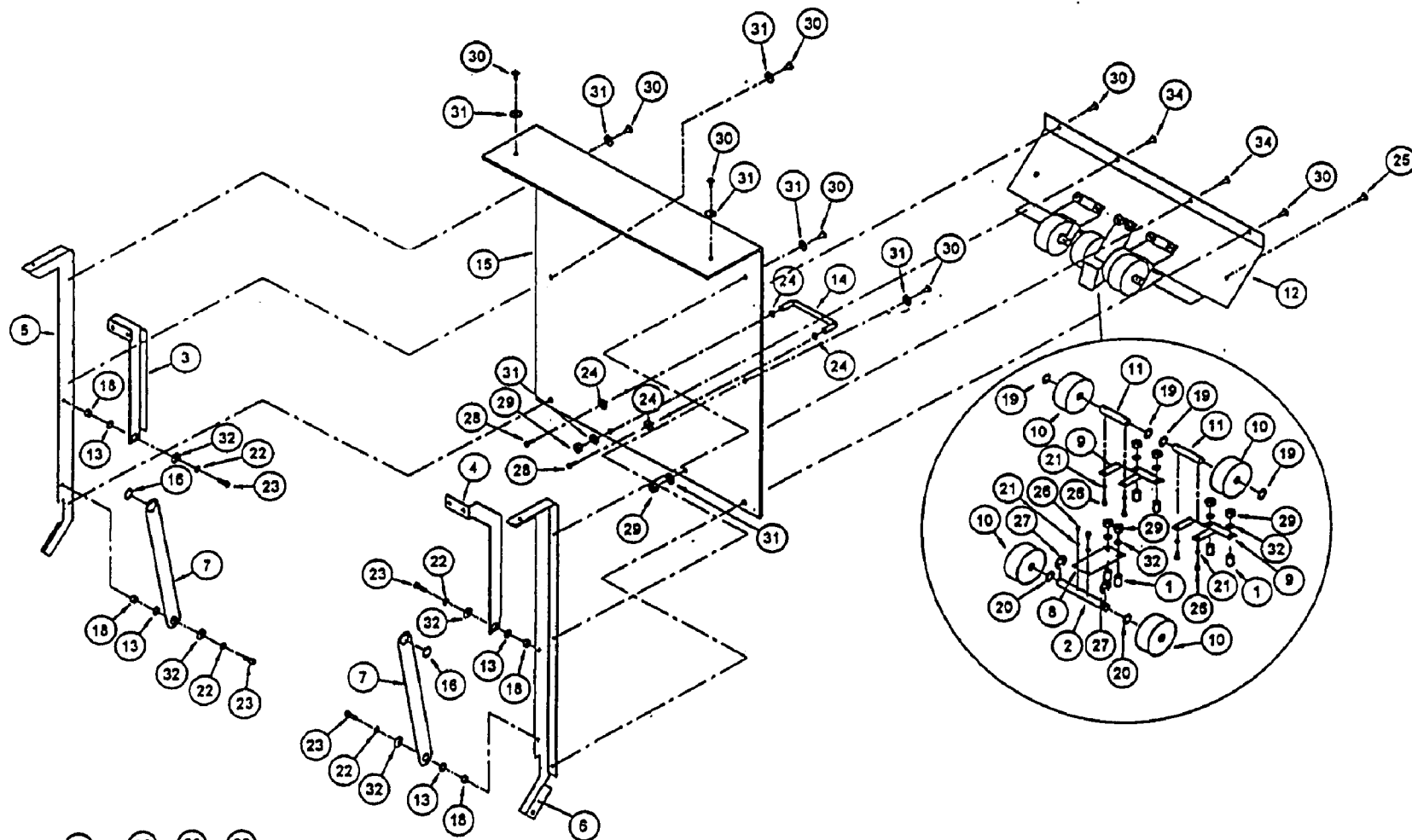
#	GBC#	ASTERISK#	DESCRIPTION	QTY.
	1774651	P2A54000	WEDGE ASSY (CONTAINS 1 THRU 36) OBS.	1
1	1774662	P2002000	DEFLECTOR BRACKET	1
2	1774663	P2003000	SMALL PULLEY	1
3	1774664	P2005000	IDLER NIP ROLLER	2
4	1774666	P2007000	DRIVEN NIP ROLLER SHAFT	1
5	1774667	P2008000	IDLER NIP SHAFT	1
6	1774669	P2011000	FEED NIP SPRING	2
7	1774938	P2016000	PIVOT BRACKET	1
8	1774686	P2029000	WEDGE BAR	1
9	1774798	P2208000	FRONT WEDGE PLATE	1
10	1774813	P2243000	HOPPER SWITCH ACTUATOR	1
11	1774814	P2244000	WEDGE BLOCK	1
12	1774844	P2004000	WIDE INVERTED FUNNEL	1
13	1774848	P2081000	NARROW INVERTED FUNNEL	1
14	1774679	P2023000	NIP PIVOT SHAFT	1
15	1774856	P2119000	WEDGE PULLEY	1
16	1722610	32SHSF38	SOCKET CAP SCREW 10/32 X 3/8 •	4
17	1981311	6BTX417R	TIMING BELT 170XL037	1
18	0147021000	63CYS075	YOKE STYLE CAM FOLLOWER	1
19	1771425	61RI0815	RADIAL BALL BEARING	4
20	9950195	31MBC121	MACHINERY BUSHING	4
21	1930522	3710Z500	E STYLE RETAINING RING ½ SHAFT	1
22	9950199	36DSS010	DOME HEAD OPEN END BLIND RIVET	4
23	1771068	AP383000	SOCKET HD CAP SCREW W/KNOB ASSY	3
24	1980077	32SHSFAO	SOCKET CAP SCREW 10-32 X 1	5
25	1980702	33HXSA32	HEX NUT	2
26	1926063	30SLW010	SPRING LOCK WASHER #10	17
27	1925060	30FMS130	FLAT WASHER #10	7
28	1924818	3CRSA6A3	ROUND SPACER	1
29	1931533	3ACCS575	COILED SPRING PIN 1/8 X3/4	1
30	1980284	32BHSF75	BUTTON HD CAP SCREW 10-32 X ¾	2
31	9950197	31NYN140	NYLON FLAT WASHER	4
32	1935215	3FM612A0	COMPRESSION SPRING	1
33	1980075	32SHSF75	SOCKET CAP SCREW 10-32 X ¾	2
34	1980279	32BHSF38	BUTTON HD CAP SCREW 10-32 X 3/8	4
35	1954117	3ADCS5A5	DOWEL PIN 1/8 X 1 1/2	1
36		2RLSS001	ALL PURPOSE GREASE	1
	1774652	P2A55000	PICK HEAD ASSY (CONTAINS 37 THRU 52)	1
37	1774678	P2022000	PICK BRACKET	1
38	1774684	P2028A00	PICK SPRING	1
39	1774685	P2028B00	PICK LIMIT BRACKET	1
40	1774753	P2126000	PICK FINGER BRACKET	1
41	1774754	P2127000	PICK FINGER	1
42	1774862	P2219000	PICK HD ADJUSTMENT THUMB SCREW ¼ -20X 1	1
43	1722610	32SHSF38	SOCKET CAP SCREW10-32 X 3/8	2
44	1926063	30SLW010	SPRING LOCK WASHER #10	2
45	1902206	32BHCC13	BUTTON HD SOCKET CAP SCREW 6-32 X 1/8	1
46	1730452	34CPAF50	CUP POINT SOCKET SET SCREW 10-32 X ½	1
47	9950199	36DSS010	DOME HD OPENED BLIND RIVET	2
48	9950014	38SSA250	SET SCREW COLLAR ¼ ID X ½ OD X 5/16 W	1
49	1774928	P2156000	BACK PLATE	2

FIGURE 8.3.2

50	1925239	31HHF315	HARD FIBER WASHER	2
51	1935218	3FM92-250	COMPRESSION SPRING	1
52	1926061	30SLW006	SPRING LOCK WASHER #6	1

- **WEDGE ASSY FOR THE ORIGINAL AP2 WILL NO LONGER BE AVAILABLE (PARTS ONLY).**
- **IF UNIT NEEDS ENTIRE ASSY, REPLACE WITH AP2 ULTRA WEDGE ASSY (1774400)**

#	GBC#	ASTERISK#	DESCRIPTION	QTY
	1774400	P2A54040	AP2 ULTRA WEDGE ASSY	1
1	1774662	P2002000	DEFLECTOR BRACKET	1
2	1774663	P2003000	SMALL PULLEY	1
4	1774666	P2007000	DRIVEN NIP ROLLER SHAFT	1
8	1774686	P2029000	WEDGE BAR	1
9	1774798	P2208000	FRONT WEDGE PLATE	1
10	1774813	P2243000	HOPPER SWITCH ACTUATOR	1
11	1774814	P2244000	WEDGE BLOCK	1
14	1774679	P2023000	NIP PIVOT SHAFT	1
15	1774856	P2119000	WEDGE PULLEY	2
17	1981311	6BTX417R	TIMING BELT RUBBER 170X L037	1
18	0147021000	63CYS075	YOKE STYLE CAM FOLLOWER SEALED	1
19	1771425	61RI0815	RADIAL BALL BEARING	4
20	9950195	31MBC121	MACHINERY BUSHING	4
21	1930522	3710Z500	E-STYLE RETAINING RING	1
24	1980077	32SHSFA0	SOCKET CAP SCREW #10-32 X 1	5
25	1980702	33HXS32	HEX NUT #10-32	2
26	1926063	30SLW010	SPRING LOCK WASHER	21
27	1925060	30FMS130	FLAT WASHER	7
28	1924818	3CRSA6A3	ROUND SPACER	1
29	1931533	3ACCS575	COILED SPRING PIN	1
30	1980284	32BHSF75	BUTTON HD SOCKET CAP SCREW	2
31	1730397	31NYN031	NYLON FLAT WASHER	4
32	1935215	3FM612A0	COMPRESSION SPRING	1
33	1980075	32SHSF75	SOCKET CAP SCREW 10-32 X ¾	2
34	1980279	32BHSF38	BUTTON HD SOCKET CAP SCREW 10-32 X 3/8	4
35	1954117	3ADCSA5	DOWEL PIN 1/8 X 1-1/2	1
36	1774938	P2269000	PIVOT BRACKET	1
37	1774947	P2278000	WEDGE STIFFENER BAR	1
38	1774952	P2283000	NIP SPRING MOUNT	2
39	1774953	P2284000	WEDGE NIP ROLLER BRACKET	2
40	1774954	P2285000	NIP BRACKET PIVOT SHAFT	2
41	1774955	P2286000	NIP SHAFT	2
42	1980047	32SHSE38	SOCKET CAP SCREW 8-32 X 3/8	4
43	0750090800	21CGCK28	CONVEYOR GRIPPING , COVER	4
44	1952014	60BSF688	PLAIN BEARING, BRONZE	4
45	1771513	60LSBK62	SLEEVE BEARING	4
47	1926062	30SLW008	SPRING LOCK WASHER	4
48	1980074	32SHSF38	SOCKET CAP SCREW 10-32 X 3/8	8
49	1935318	3GMF39A5	EXT SPRING	2
50	1930557	3711Z125	E-STYLE RETAINING RING	4
51	1953612	60TS72QR	NYLINER TYPE	4
	1722711		WEDGE ASSY INSTRUCTIONS	
	1926313	31CDS041	CURVED DISK SPRING #10	2
	1928101	33KTN832	THUMB NUT, KNURLED #8-32	4
	1935318	3GMF45A3	EXTENSION SPRING	2
	1774943	P2274000	SPRING ANCHOR	2
	7703213		CARTON	
	1100458		ZIP LOCK BAG	
	9781888		ZIP LOCK BAG	



NOTE: APPLY (7) TO (25), (28) & (30)
 APPLY (33) TO (2) & (11)

NOTE: NO LOCTITE CAN CONTACT
 LEXAN (CLEAR SHIELD)

FIGURE 8.3.3 LID & SKATE ASSY

FIGURE 8.3.3

#	GBC#	ASTERISK#	DESCRIPTION	QTY
	1774654	P2A63000	LID & SKATE ASSY	1
1	1924830	3CRSB6A8	ROUND SPACER	6
2	1774761	P2139000	NIP IDLER ROD	1
3	1774784	P2186L00	LID SHAFT BRACKET	1
4	1774785	P2186R00	LID SHAFT BRACKET	1
5	1774787	P2189L00	LID ATTACHMENT BRACKET LH	1
6	1774788	P2189R00	LID ATTACHMENT BRACKET RH	1
7	1774789	P2191000	LID LINK ARM	2
8	1774806	P2226000	STACKER NIP SPRING	1
9	1774807	P2227000	REDIRECT NIP SPRING	2
10	1774810	P2233000	LARGE NIP ROLLER	4
11	1774817	P2248000	REDIRECT NIP SHAFT	2
12	1774818	P2249000	LID GUARD BRACKET	1
13	1953603	60TH7671	SNAP IN SLEEVE BEARING	4
14	1771435	3NRHP001	ROUND HANDLE PULL	1
15	1774633	P2116000	LID	1
16	9950162	60TH7891	SNAP IN SLEEVE BEARING	2
17		2STLA242	THREAD LOCKING ADHESIVE *	1
18	1924827	3CRSB6A3	ROUND SPACER	4
19	9950197	31NYN140	NYLON FLAT WASHER	4
20	1925223	31NYF170	NYLON FLAT WASHER	2
21	1926061	30SLW006	SPRING LOCK WASHER #6	6
22	1926063	30SLW010	SPRING LOCK WASHER #10	4
23	1980072	32SHSF50	SOCKET CAP SCREW 10-32 X ½	4
24	1925603	30FDS102	FENDER WASHER #8	4
25	1980628	32THMF38	TRUSS HD PHILLIPS SCREW 10-32 X 3/8	2
26	1980027	32SHSC25	SOCKET CAP SCREW 6-32 X ¼	6
27	1930550	3710Z375	E STYLE RETAINING RING 3/8 SHAFT	2
28	1980606	32THME50	TRUSS HD PHILLIPS SCREW 8-32 X ½	2
29	1980852	33NLSA32	NYLON INSERT HEX LOCK NUT	8
30	1980630	32THMF50	TRUSS HD PHILLIPS SCREW 10-32 X ½	8
31	1730395	31NSW311	NEOPRENE SEALING WASHER	8
32	1925060	30FMS130	FLAT WASHER # 10	10
33		2RLSS001	ALL PURPOSE GREASE	1
34	1980633	32THMF75	TRUSS HD PHILIPS SCREW 10-32 X ¾	2

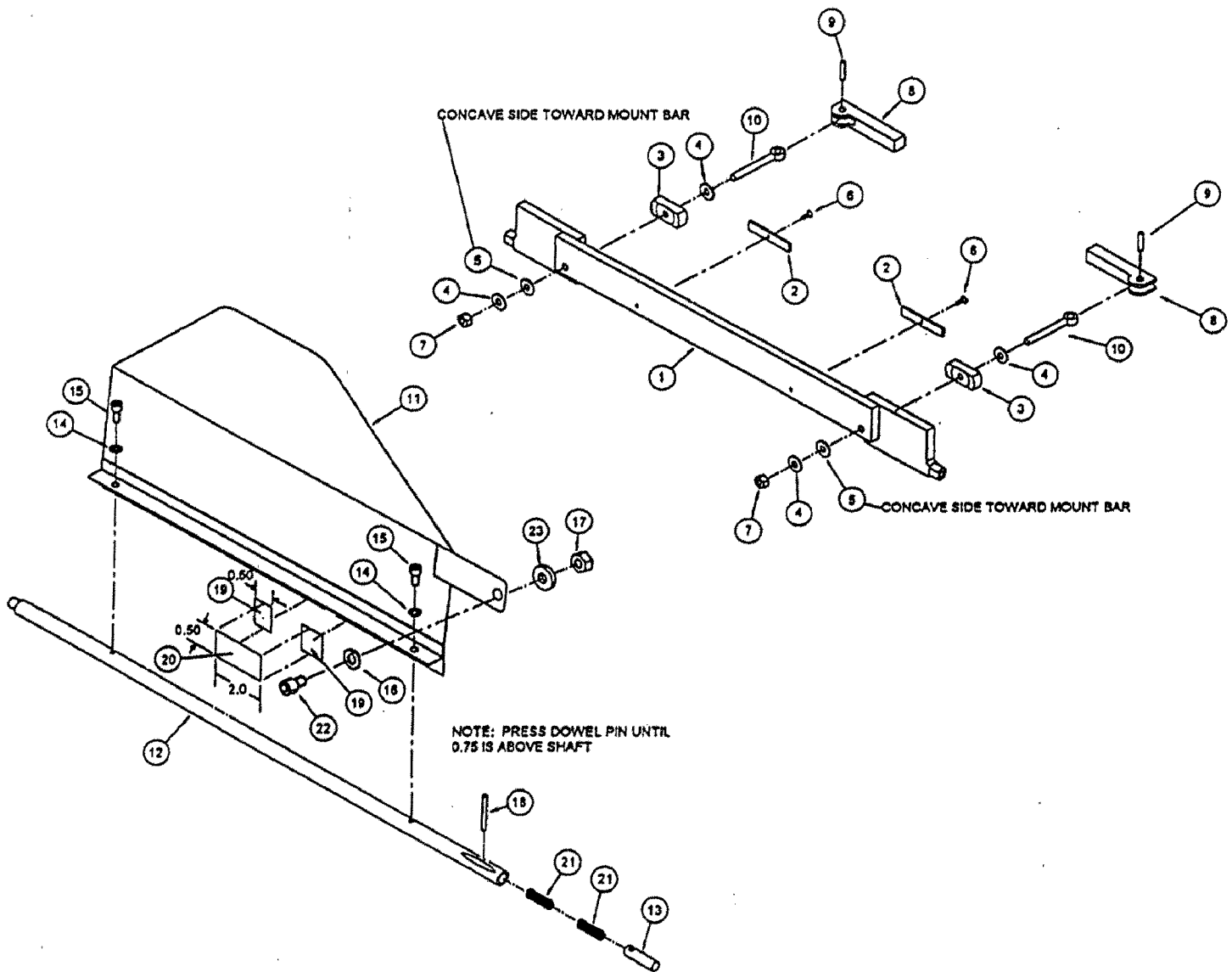
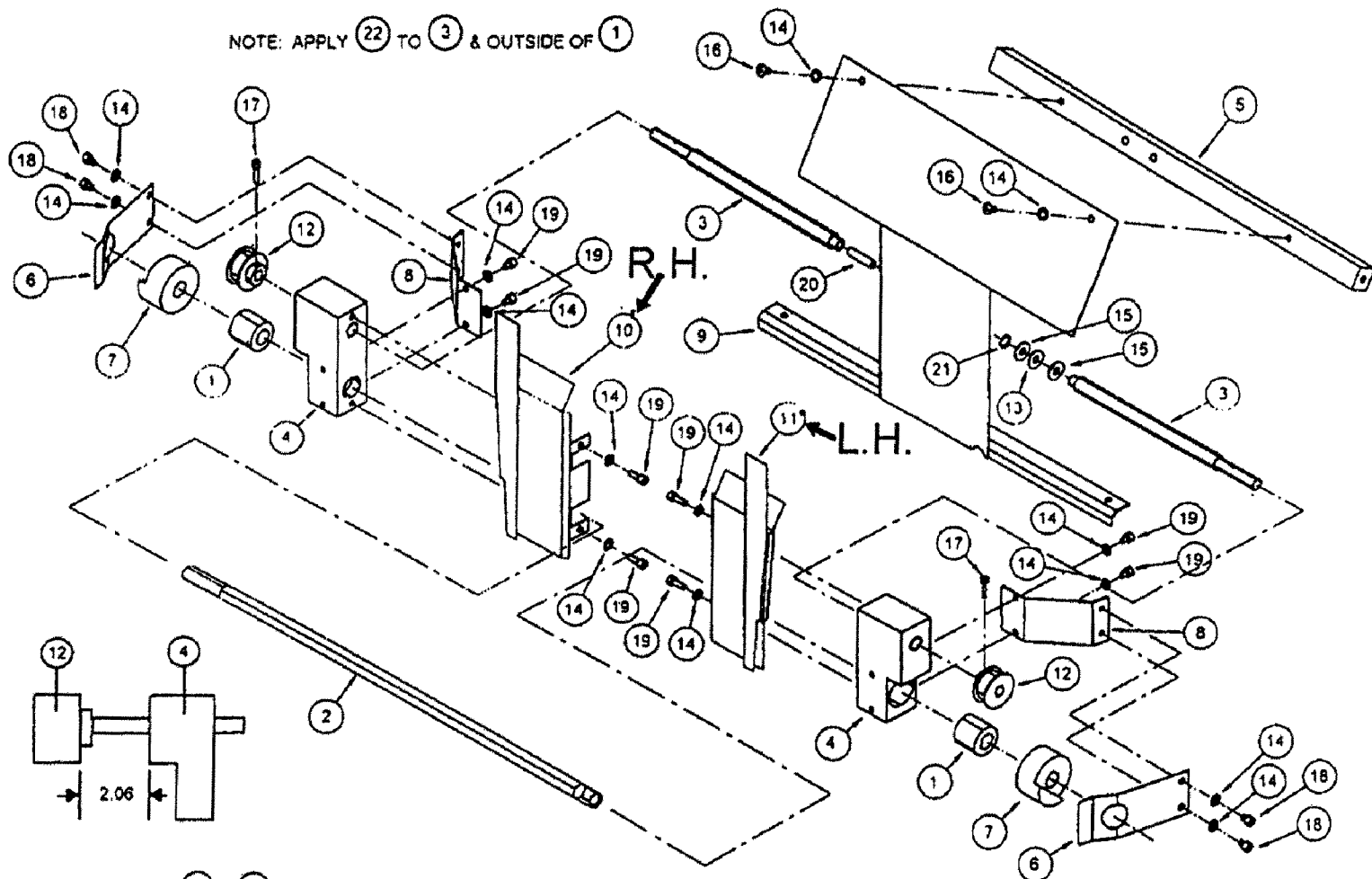


FIGURE 8.3.4 PUNCH DECK DOOR ASSY & DRIVER BAR MOUNT ASSY

FIGURE 8.3.4

#	GBC#	ASTERISK#	DESCRIPTION	QTY
	1774840	P2A71000	DRIVER BAR MOUNT ASSY (CONTAINS 1 THRU 10)	1
1	1774646	P2209000	DRIVER BAR MOUNT	1
2	1774803	P2220000	KEY	2
3	1774808	P2228000	DRIVER BAR STRAP	2
4	1925061	30FMS155	FLAT WASHER	4
5	9950216	31CDC025	BELLEVILLE DISK SPRING	2
6	1980432	32FHSC38	FLAT HD SOCKET CAP SCREW 6-32 X 3/8	6
7	1980853	33NLSB20	NYLON INSERT HEX LOCK NUT ¼ - 20	2
8	9950100	3NCLC001	CAM LOCK CLAMP 17/64 OPENING 3/16 HOLE	2
9	9950224	3ACLG775	GROOVED CLEVIS PIN W/E- CLIP 3/16 X ¾	2
10	9950101	3NCLE001	CAMLOCK EYEBOLT ¼ - 20 X 2	2
	1774655	P2A65000	PUNCH DECK DOOR ASSY (CONTAINS 11 THRU 23)	1
11	1774716	P2070000	JUSTIFY LID	1
12	1774717	P2071000	INFEED LID SHAFT	1
13	1774804	P2223000	LATCH PIN	1
14	1926062	30SLW008	SPRING LOCK WASHER #6	2
15	1980046	32SHSE31	SOCKET CAP SCREW 8-32 X 5/16	2
16	1926064	30SLW025	SPRING LOCK WASHER ¼	1
17	1730660	33HJ8B20	GRADE 8 HEX JAM NUT	1
18	1954120	3ADCS5A0	DOWEL PIN 1/8 X 1	1
19	9950241	2ZADTPE3	HI SHEAR STRENGTH DOUBLE COATED TAPE 1 “	1
20	9950058	4LRFA002	CORNER CUBE TAPE , ADHESIVE BACKED 1”	1
21	1935216	3FM82075	COMPRESSION SPRING	2
22	1980093	32SHSI38	SOCKET CAP SCREW ¼ - 20 X 3/8	1
23	1925081	30FFH025	FINISHED FLAT WASHER	1



NOTE LOAD (10) & (11) IN INDICATED DIRECTION WHILE TIGHTENING
 HOLD (8) & (6) WHILE TIGHTENING SO (6) IS PARALLEL TO
 (10) & (11)

FIGURE 8.3.5 PUNCH JUSTIFY ASSY

FIGURE 8.3.5

#	GBC#	ASTERISK#	DESCRIPTION	QTY
	1774827	P2A53000	PUNCH JUSTIFY ASSY (CONTAINS 1 THRU 21)	1
1	1774690	P2034000	HEX BUSHING	2
2	1774691	P2035000	PUNCH HEX SHAFT	1
3	1774616	P2037000	ADJUST ROD	2
4	1774617	P2038000	JUSTIFY ADJUST BLOCK	2
5	1774707	P2058000	CROSS BAR	1
6	1774622	P2059000	JUSTIFY SPRING	2
7	1774623	P2060000	JUSTIFY CAM	2
8	1774624	P2061000	JUSTIFY BRACKET	2
9	1774708	P2062000	PUNCH DECK	1
10	1774628	P2708R00	JUSTIFY EDGE GUIDE RH	1
11	1774627	P2708L00	JUSTIFY EDGE GUIDE LH	1
12	1774742	P2104000	SMALL PULLEY	2
13	1925061	30FMS155	FLAT WASHER	1
14	1926063	30SLW010	SPRING LOCK WASHER #10	14
15	9950217	31CDC053	CURVED DISK SPRING	2
16	1980279	32BHSF38	BUTTON HD SOCKET CAP SCREW 10-32 X 3/8	2
17	1980051	32SHSE63	SOCKET CAP SCREW 8-32 X 5/8	2
18	1980069	32SHSF31	SOCKET CAP SCREW 10-32 X 5/16	4
19	1980072	32SHSF50	SOCKET CAP SCREW 10-32 X 1/2	8
20	1954110	3ADCS9A0	DOWEL PIN 1/4 X 1	1
21	1953603	60TH7671	SNAP IN SLEEVE BEARING	1

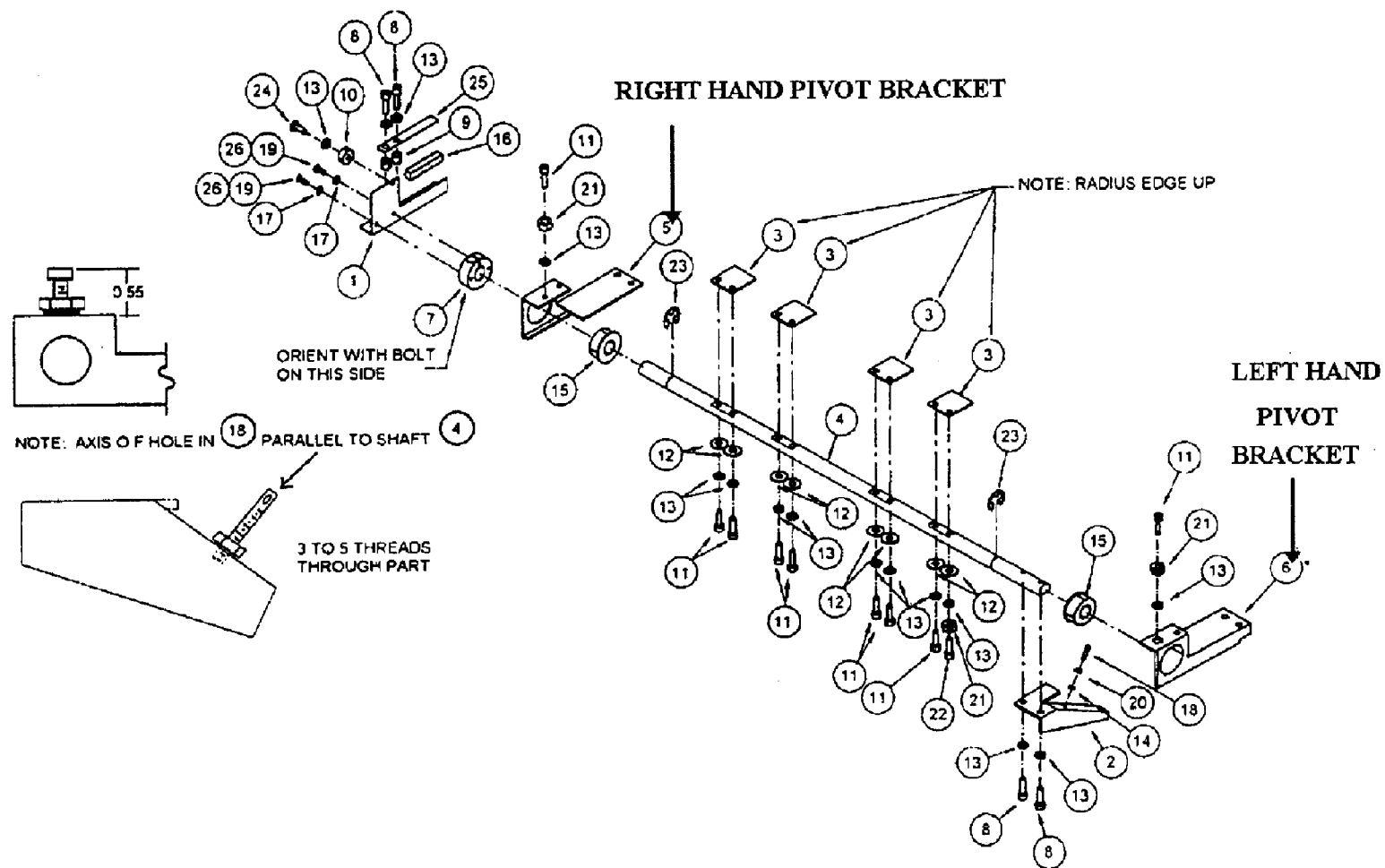


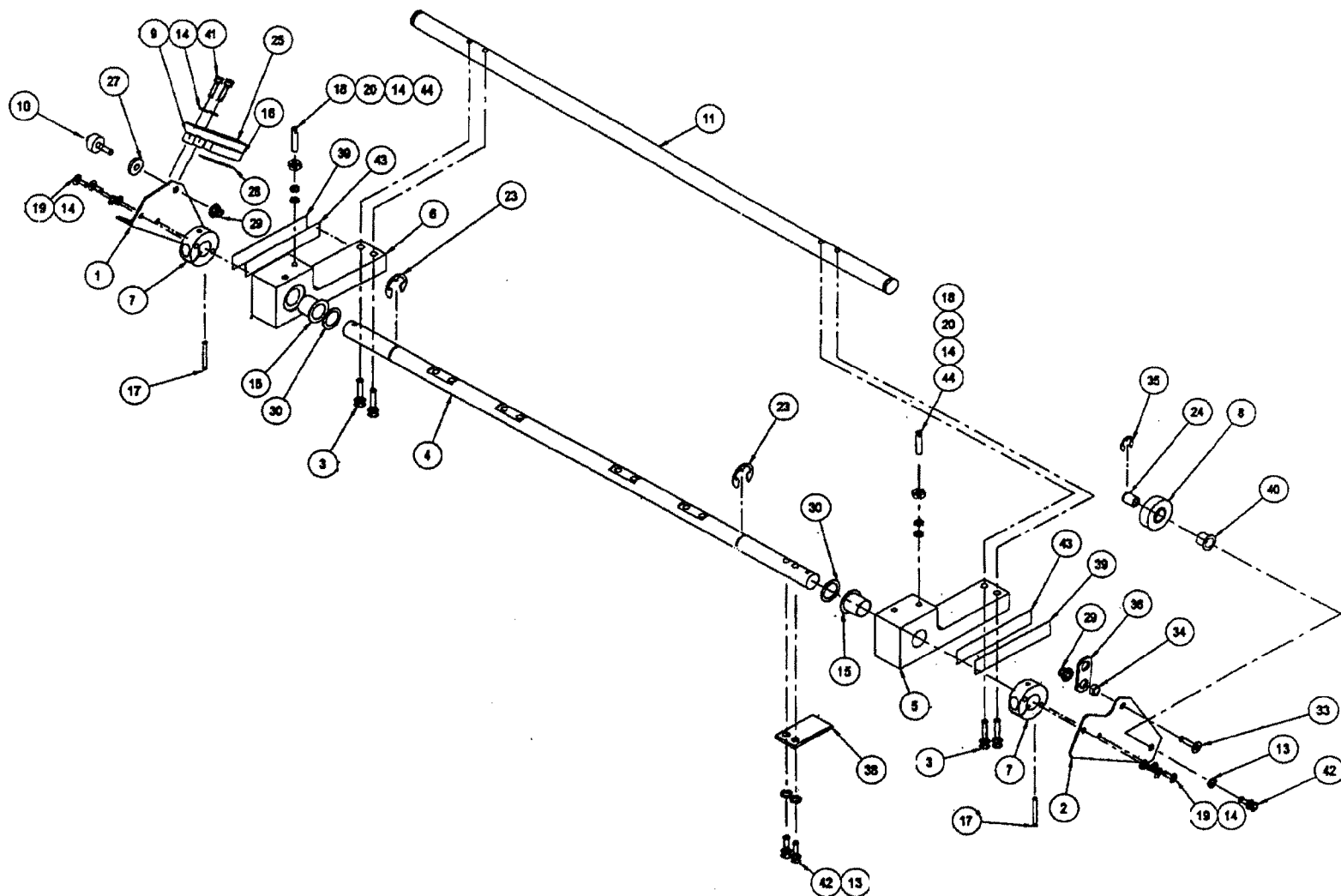
FIGURE 8.3.6 BACKGAUGE ASSY

FIGURE 8.3.6

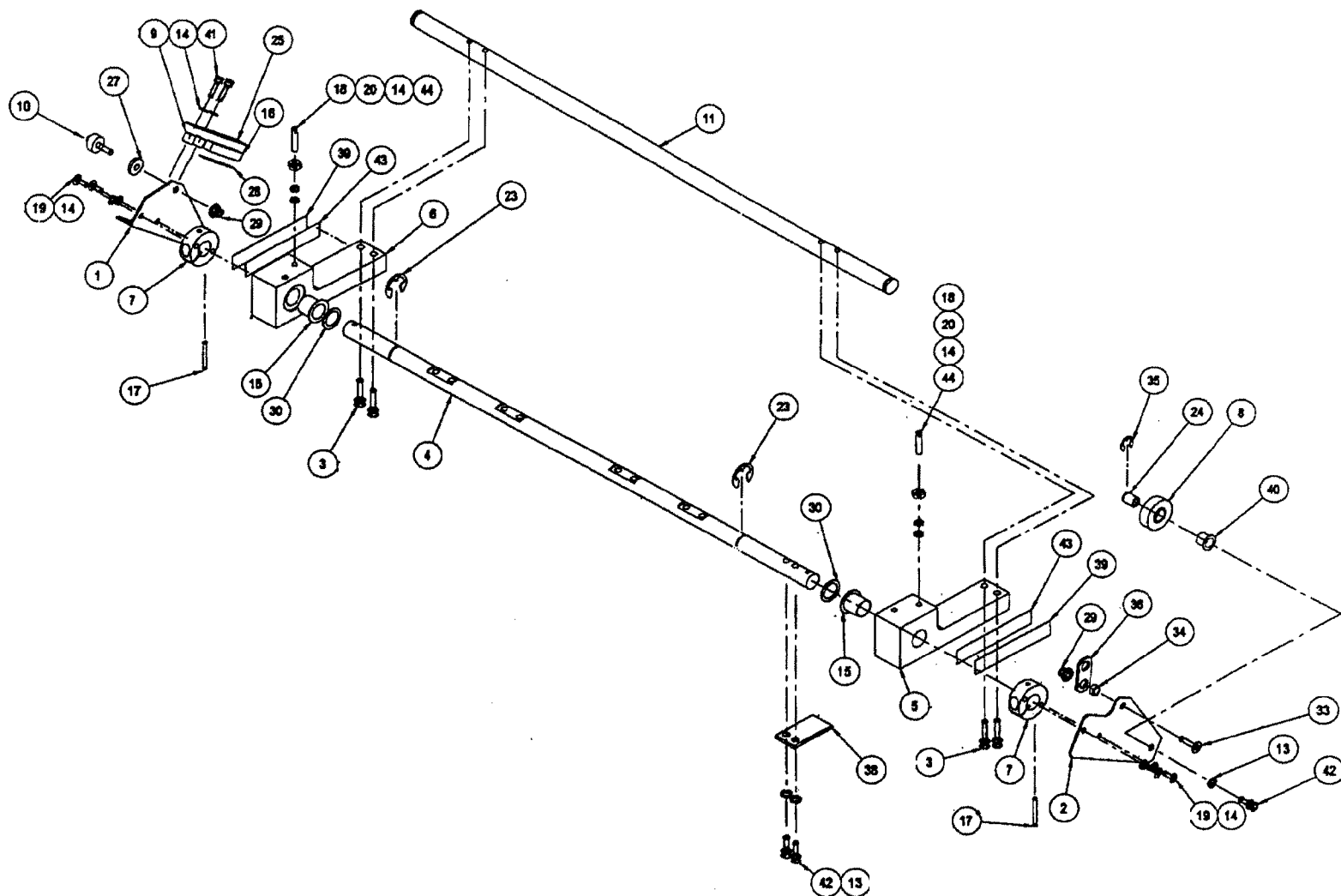
#	GBC#	ASTERISK#	DESCRIPTION	QTY
	1774837	P2A68000	BACK GAUGE ASSY (CONTAINS 1 THRU 25) OBS.	1
1	1774613	P2018000	STOP FINGER BRACKET	1
2	1774621	P2050000	BACK GAUGE FINGER	1
3	1774701	P2052000	STOP FINGER	4
4	1774704	P2056000	BACK GAUGE FINGER SHAFT	1
5	1774706	P2057R00	BACK GAUGE PIVOT BRACKET RH	1
6	1774705	P2057L00	BACK GAUGE PIVOT BRACKET LH	1
7	1774748	P2113000	BACK GAUGE CLAMP COLLAR	1
8	1980072	32SHSF50	SOCKET CAP SCREW 10-32 X ½	4
9	1924817	3CRSA5A2	ROUND SPACER	2
10	9950062	61RI0361	RADIAL BALL BEARING	1
11	1980074	32SHSF63	SOCKET CAP SCREW 10-32 X 5/8	9
12	1925060	30FMS130	FLAT WASHER #10	8
13	1926063	30SLW010	SPRING LOCK WASHER #10	15
14	1926062	30SLW008	SPRING LOCK WASHER #8	1
15	1771425	61RI0815	RADIAL BALL BEARING	2
16	9950075	21S50250	URETHANE SHEET	1
17	1926061	30SLW006	SPRING LOCK WASHER #6	2
18	9950024	3KESA012	EXTENSION SPRING ANCHOR 8-32 X .88L	1
19	1920000	32PHMC38	PAN HD PHILLIPS MACHINE SCREW 6-32 X 3/8	2
20	1980701	33HXS832	HEXNUT 8-32	1
21	1980702	33HXS A32	HEXNUT 10-32	3
22	1980077	32SHSFA0	SOCKET CAP SCREW 10-32 X 1	1
23	1930522	3710Z500	E STYLE RETAINING RING ½ SHAFT	2
24	1980281	32BHSF50	BUTTON HD SOCKET CAP SCREW 10-32 X ½	1
25	1774634	P2122000	JOG SPRING FINGER	1

- BACKGAUGE ASSY FOR THE ORIGINAL AP2 WILL NO LONGER BE AVAILABLE (PARTS ONLY).
- IF UNIT NEEDS WHOLE ASSY, REPLACE WITH AP2 ULTRA BACKGAUGE ASSY (1774300).

- 1774400 – WEDGE ASSY KIT
- 1774300 – BACKGAUGE ASSY KIT
- 1722613 – AP2 ULTRA NAME PLATE



AP-ULTRA BACKGAUGE ASSEMBLY KIT



AP-ULTRA BACKGAUGE ASSEMBLY KIT

#	GBC#	ASTERISK#	DESCRIPTION	QTY
	1774300	P2AA3000	AP2 ULTRA BACKGAUGE ASSY	1
1	1774939	P2270000	STOP FINGER BRACKET	1
2	1774946	P2277000	BACKGAUGE ROLLER PLATE	1
3	1900563	32SHCF75	SOCKET CAP SCREW 10-32 X .75	4
4	1774945	P2276000	BACKGAUGE FINGER SHAFT	1
5	1774957	P2287R00	BACKGAUGE PIVOT BRACKET, RIGHT	1
6	1774956	P2287L00	BACKGAUGE PIVOT BRACKET, LEFT	1
7	1774942	P2273000	BACKGAUGE SHAFT COLLAR	2
8	1774949	P2288000	CAM FOLOWER ASSY	1
9	1924837	3CRSA5A2	ROUND SPACER	2
10	1770931	P2289000	BEARING ASSY	1
11	1774941	P2272000	BACKGAUGE PIVOT SHAFT	1
12	1935316	3GMF37C0	EXTENSION SPRING	1
13	1926063	30SLW010	SPRING LOCK WASHER #10	3
14	1926062	30SLW008	SPRING LOCK WASHER #8	8
15	1953640	60TS5898	THOMSON NYLINER TYPE 5	2
16	9950075	2IS50250	UREYHANE SHEET	3
17	1931522	3ACCS5A0	COILED SPRING PIN 1/8 X 1	2
18	9950024	3KESA012	EXTENSION SPRING ANCHOR #8-32 X 0.88L	2
19	1902201	32BHCE50	BUTTON HD CAP SCREW # 8-32 X .50L	4
20	1980701	33HXS832	HEX NUT #8-32	2
21	1935317	3GMF39A5	EXTENSION SPRING	2
22	1925060	30FMS130	FLAT WASHER	3
23	1930522	3710Z500	E-STYLE RETAINING RING	2
25	1774940	P2271000	JOG SPRING FINGER	1
27	1925080	30FFH010	FINISHED FLAT WASHER	1
28	1730639	2ZADTDSC	DOUBLE SIDED CLOTH TAPE 1" WIDE	1
29	1980852	33NLSA32	NYLON INSERT HEX LOCK NUT #10-32	2
30	1925238	31NYN170	NYLON FLAT WASHER	2
31	1774944	P2275000	CAM FOLLOWER POST	1
33	1902208	32BHCF50	BUTTON HD CAP SCREW	1
34	1924817	3CRSS5A2	ROUND SPACER	2
35	1930514	3710Z313	E-STYLE RETAINING RING	1
36	1774948	P2279000	SPRING LINK	2
38	1774950	P2281000	QUICK CHANGE ACTUATOR	1
39	1730380	2CSD1015	DELIN STRIP	3
40	1953633	60TS5575	FLANGED PLAIN BEARING	1
41	1900541	32SHCE50	SOCKET CAP SCREW #8-32 X ½	2
42	1900526	32SHCF50	SOCKET CAP SCREW # 10-32 X ½	3
43	9950241	2ZADTPE3	DOUBLE COATED TAPE	3
44	1925064	30FMS125	FLAT WASHER	2
	1925060	30FMA130	WASHER #10	3
	1924837	3CRSS5A2	ROUND SPACER	1
	1774948	P2279000	SPRING LINK	1
	1935316	3GMF37C0	EXTENSION SPRING	1
	1935317	3GMF39A5	EXTENSION SPRING	2
	7703213		CARTON	1
	1100458		ZIP LOCK BAG	
	9781888		ZIP LOCK BAG	
	1722712		BACKGAUGE ASSY INSTR.	

#	GBC#	ASTERISK#	DESCRIPTION	QTY
	1775650	P2AA9000	AP2 ULTRA DIE SET LOCK DOWN KIT	1
	1900103	34SPB125	SOCKET SET SCREW ¼-20 X 20	1
	1774958	P2290000	SWITCH CAM	1
	1774959	P2291000	SWITCH BRACKET	1
	1926063	30SLW010	SPRING LOCK WASHER	2
	1774904	4KMOV3001	MICROSWITCH	1
	1925067	30FMS109	FLAT WASHER	2
	1926060	30SLW004	SPRING LOCK WASHER	2
	1980022	32SHS856	SOCKET CAP SCREW #4-40 X 9/16	2
	1980072	32SHSF50	SOCKET CAP SCREW #10-32 X ½	6
	1925060	30FMS130	FLAT WASHER	2
	1774905	4KV3L002	MECHANICALLY ACTIVATED SWITCH	1
	0177562500	P2AA7000	REAR PLATE DRILLING INSTRUCTIONS	1
	1770949	P2AA5000	DIE SET / CHIP DRAWER SWITCH HARNESS	1
	1771502	P2EAP2B2	PROGRAMMED EPROM	1
	1771418	42TIE004	CABLE TIE NATURAL	10
			CARTON, CORRUGATED CARDBOARD	1
	0177562700	P2293000	DIE SET LOCK KIT INSTRUCTIONS	1
	0177562800	P2294000	AP2 DIE SET LOCK UPGRADE KITM LABEL	1
	7301077		CARTON	1
	1100458		ZIP LOCK BAG	
	9781888		ZIP LOCK BAG	

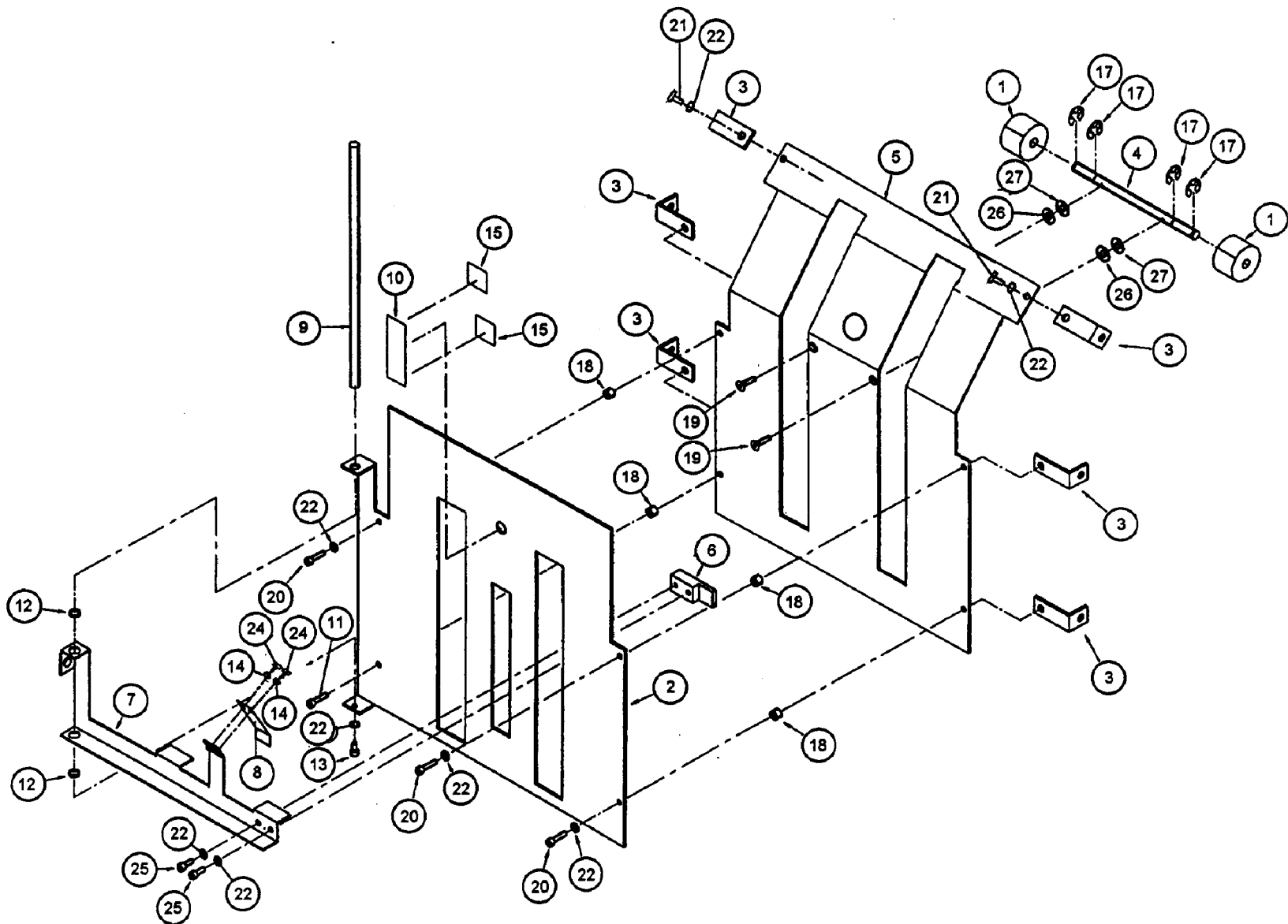


FIGURE 8.3.7 REDIRECT ASSY

FIGURE 8.3.7

#	GBC#	ASTERISK#	DESCRIPTION	QTY
	1774833	P2A62000	REDIRECT ASSEMBLY (CONTAINS 1 THRU 28)	1
1	1771088	AP031000	NIP IDLER ROLLER	2
2	1774737	P2097000	LOWER CHUTE DECK	1
3	1774738	P2098000	MOUNTING BRACKET	6
4	1774747	P2110000	NIP IDLER ROD	1
5	1774916	P2123000	UPPER CHUTE DECK	1
6	1774760	P2135000	GUIDE BLOCK	1
7	1774765	P2144000	STOP BRACKET	1
8	1774768	P2150000	REDIRECT ANTI BOUNCE SPRING	1
9	1774774	P2174000	ROD	1
10	9950058	4LRFA002	CORNER CUBE TAPE ADHESIVE BACK 1" WIDE	2
11	1980283	32BHSF63	BUTTON HD SOCKET CAP SCREW 10-32 X 5/8	1
12	1953603	60TH7671	SNAP IN SLEEVE BEARING	1
13	1722610	32SHSF38	SOCKET CAP SCREW 10-32 X 3/8	1
14	1926061	30SLW006	SPRING LOCK WASHER #6	2
15	9950241	2ZADTPE3	HI SHEAR STRENGTH DOUBLE COATED TAPE	1
16				
17	1930550	3710Z375	E STYLE RETAINING RING 3/8 SHAFT	4
18	1924828	3CRSB6A4	ROUND SPACER	4
19	1980483	32FHSF63	FLAT HD SOCKET CAP SCREW 10-32 X 5/8	2
20	1980075	32SHSF75	SOCKET CAP SCREW 10-32 X 3/4	4
21	1980279	32BHSF38	BUTTON HD SOCKET CAP SCREW 10-32 X 3/8	2
22	1926063	30SLW010	SPRING LOCK WASHER #10	6
23		2STLA242	THREAD LOCKING ADHESIVE	1
24	1980027	32SHSC25	SOCKET CAP SCREW 6-32 X 1/4	2
25	1980072	32SHSF50	SOCKET CAP SCREW 10-32 X 1/2	2
26		2RLSS001	ALL PURPOSE GREASE	1
27	1925081	30FFH025	FINISHED FLAT WASHER	2
28	1730643	30FT8025	FLAT WASHER	2
*	1935313	3GMF34A3	REDIRECT NIP ROLLERS EXTENSIN SPRING	2

* NOT SHOWN

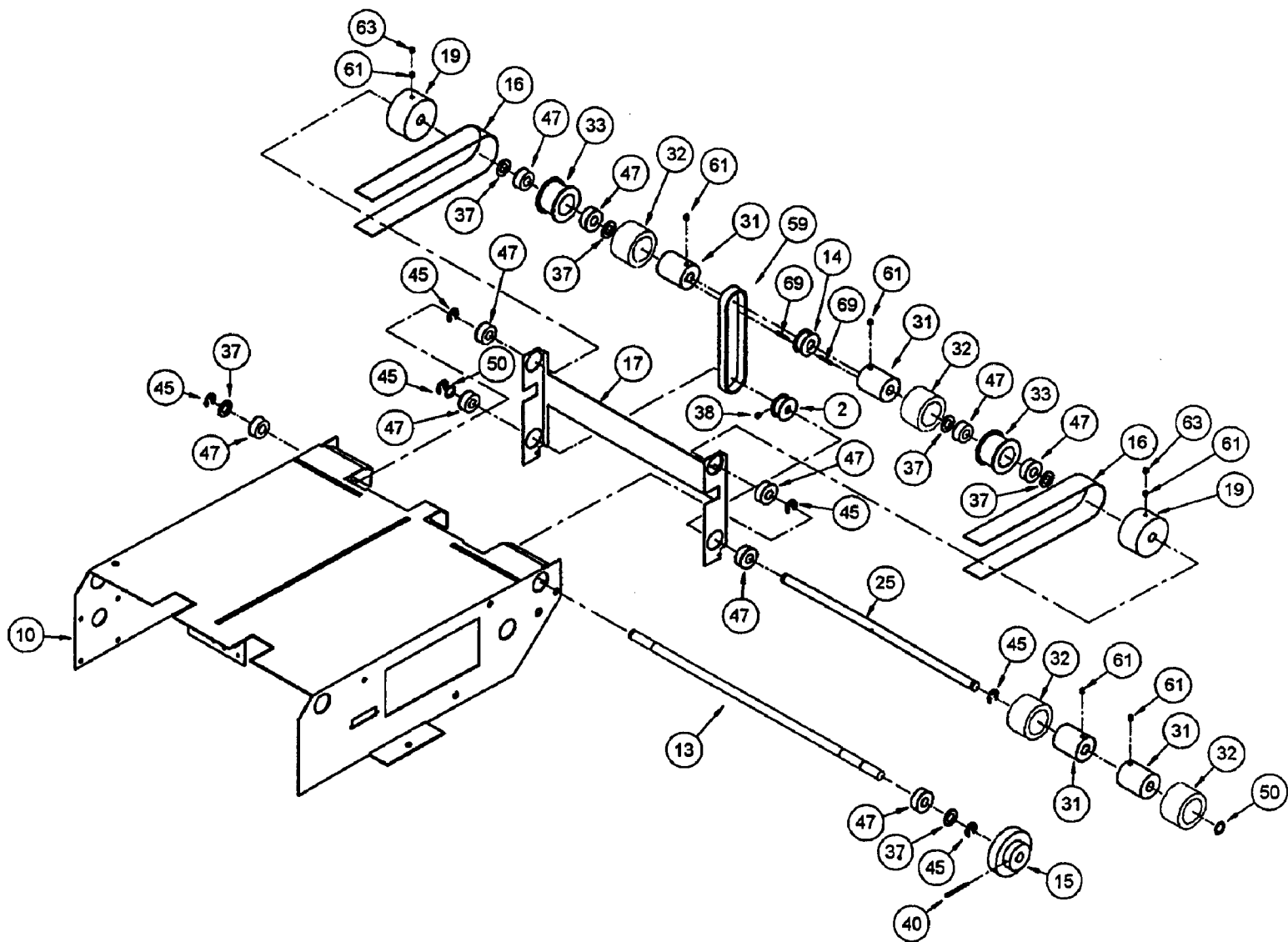


FIGURE 8.3.8 STACKER ASSEMBLY (1 OF 3)

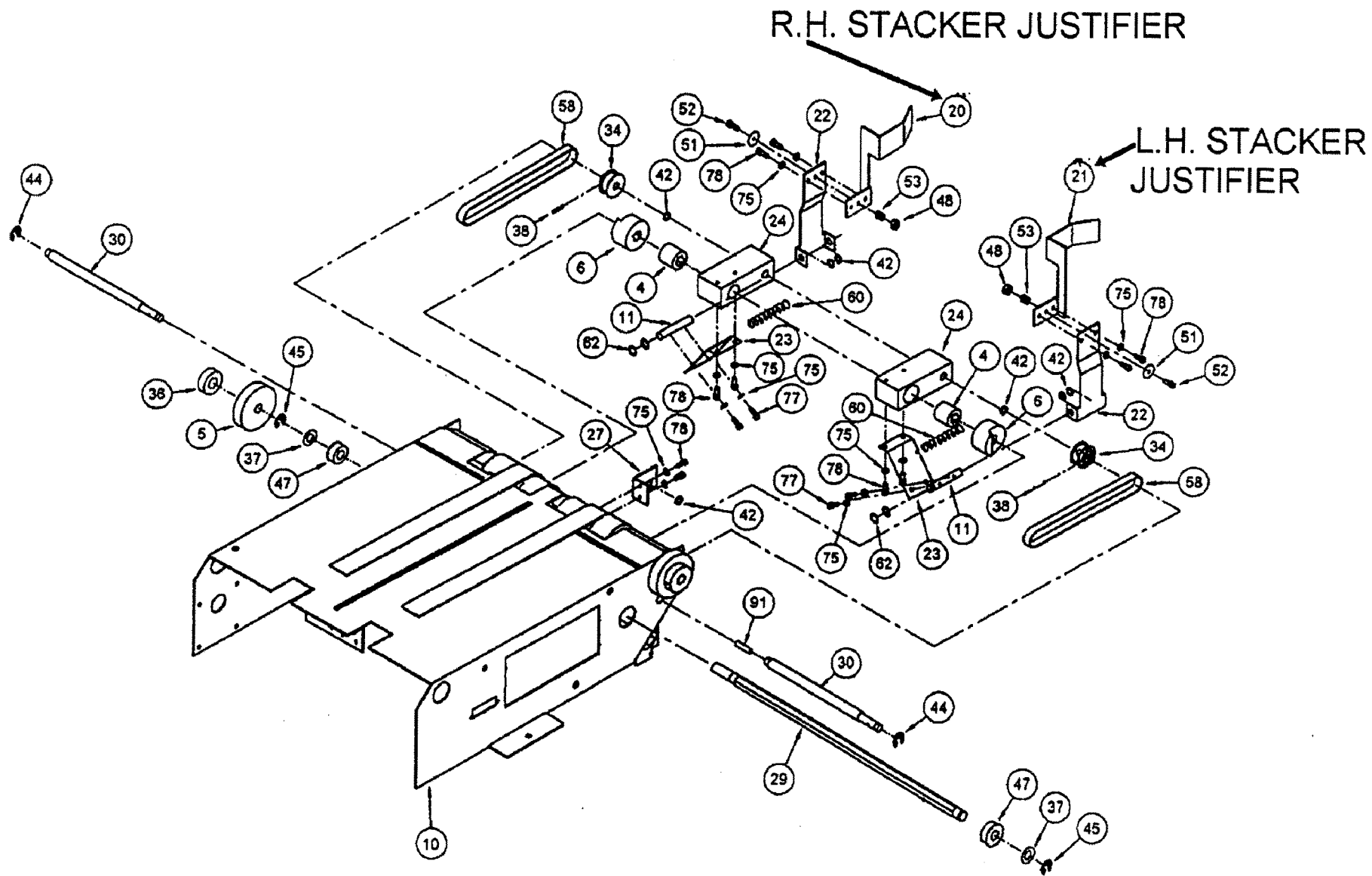


FIGURE 8.3.9 STACKER ASSEMBLY (2 OF 3)

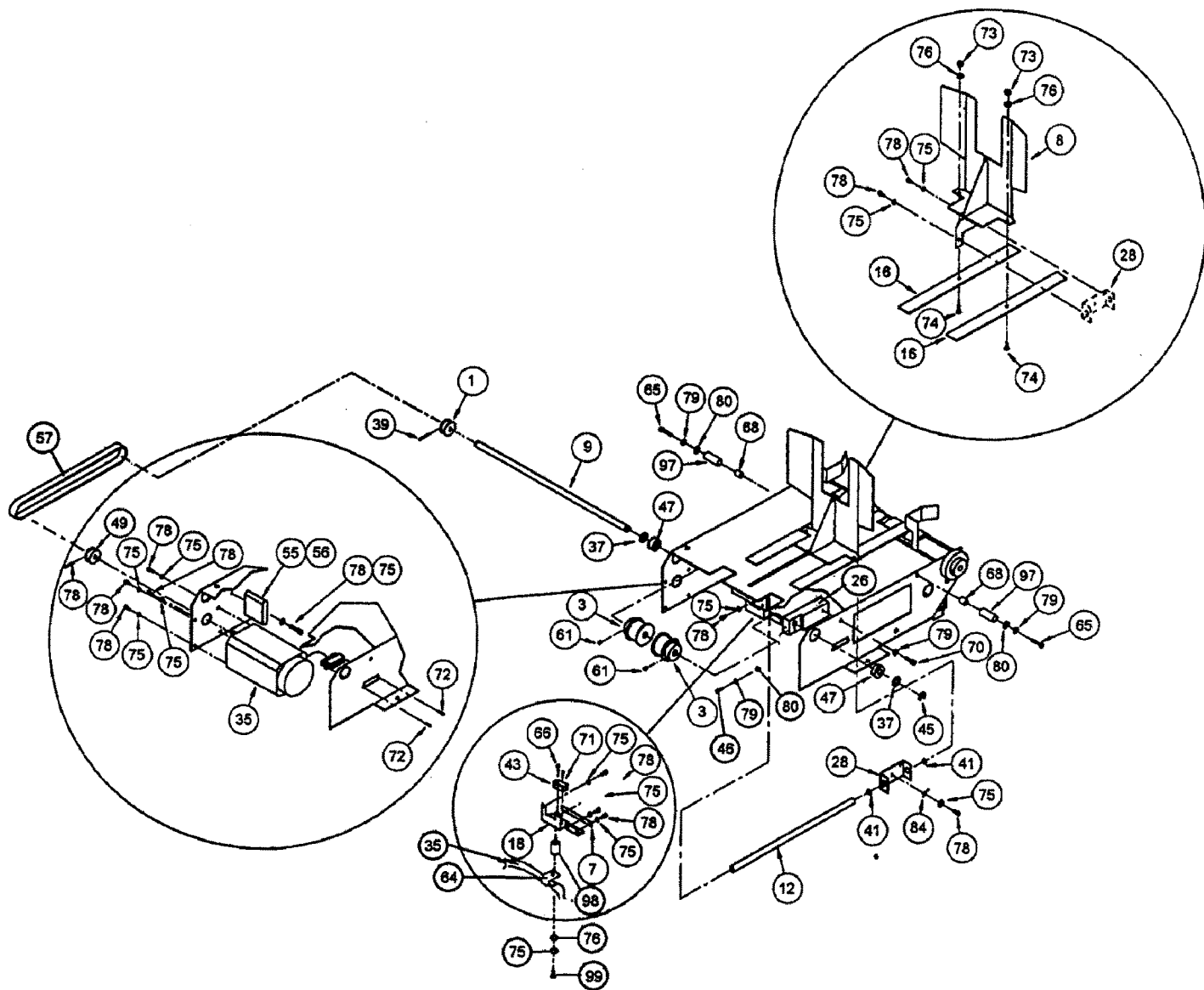


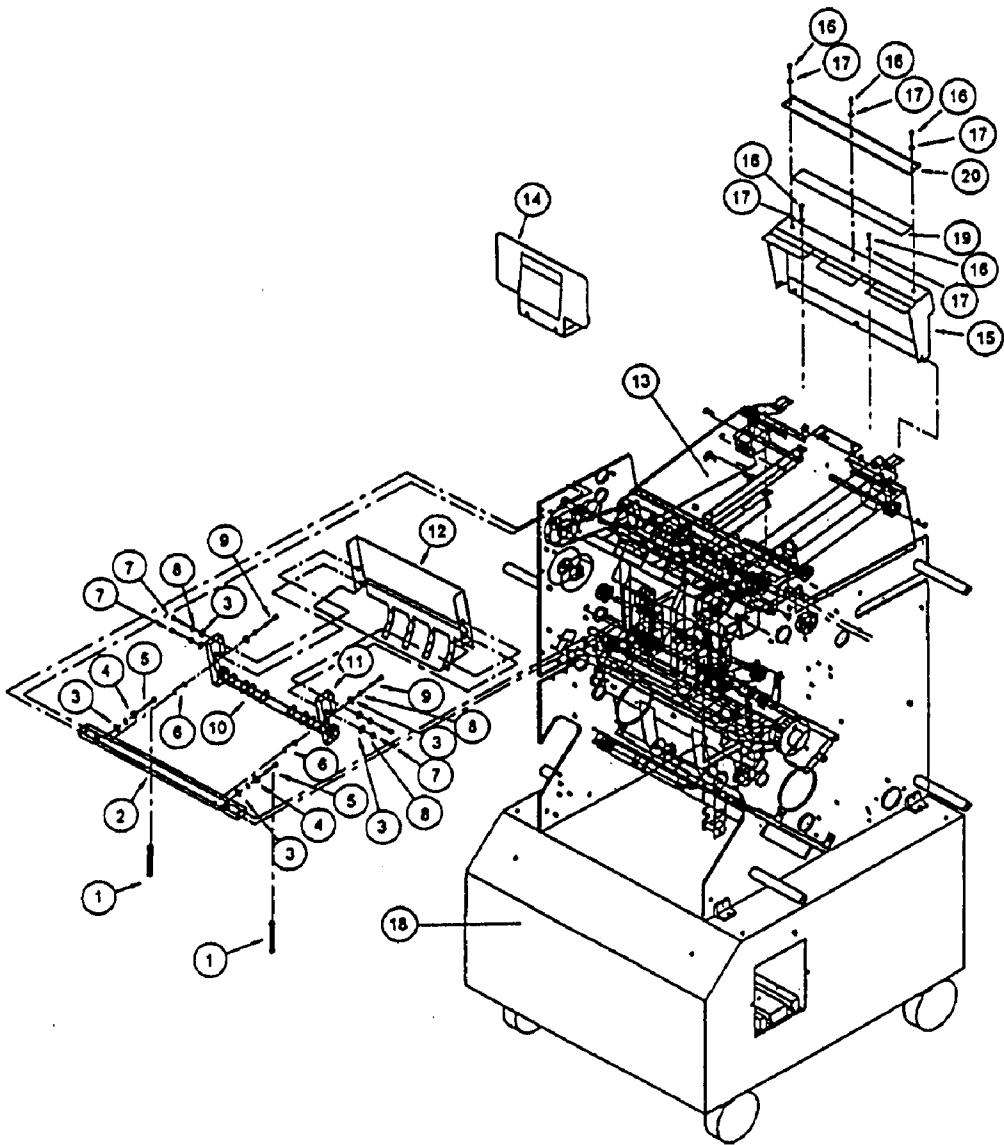
FIGURE 8.3.10 STACKER ASSEMBLY (3 OF 3)

FIGURE 8.3.8, 8.3.9, & 8.3.10

#	GBC#	ASTERISK#	DESCRIPTION	QTY
	1774831	P2A60000	STACKER ASSY (CONTAINS 1 THRU 99)	1
	1771509	P2A60010	STACKER ASSY (230V/50HZ)	1
1	1771218	AAP153000	PULLEY	1
2	1774663	P2003000	SMALL PULLEY	1
3	1774682	P2026000	HOPPER DRIVE PULLEY	2
4	1774690	P2034000	HEX BUSHING	2
5	1774699	P2049000	JUSTIFY TIMING PULLEY	1
6	1774623	P2060000	JUSTIFY CAM	2
7	1774714	P2068000	STACKER FULL SWITCH ACTUATOR	1
8	1774625	P2073000	BACKSTOP	1
9	1774626	P2074000	STACK DRIVE SHAFT	1
10	1774719	P2075000	OUTPUT DECK	1
11	1774720	P2076000	STACKER JUSTIFY PIVOT SHAFT	2
12	1774721	P2077000	STACKER SHAFT	1
13	1774722	P2079000	STACK IDLER SHAFT	2
14	1774629	P2083000	PIVOT DRIVE PULLEY	1
15	1774726	P2085000	STACKER PULLEY	1
16	1774730	P2091000	STACKER DRIVE BELT	2
17	1774743	P2105000	REDIRECTOR FRAME	1
18	1774749	P2114000	STACKER FULL SWITCH BRACKET	1
19	1774639	P2166000	STACK ROLLER	2
20	1774641	P2167R00	STACKER JUSTIFER RH	1
21	1774640	P2167L00	STACKER JUSTIFIER LH	1
22	1774775	P2175000	STACKER JUSTIFY	2
23	1774776	P2176000	STACKER JUSTIFY BRACKET	2
24	1774642	P2178000	STACKER JUSTIFY BLOCK	2
25	1774780	P2182000	REDIRECTOR SHAFT	1
26	1774792	P2194000	DRAG BRAKE	1
27	1774794	P2200000	JUSTIFY BRACKET	1
28	1774795	P2201000	BEARING BRACKET	1
29	1774796	P2203000	STACKER HEX SHAFT	1
30	1774797	P2205000	STACKER JUSTIFY ROD	2
31	1774648	P2221000	STACKER ROLL HUB	4
32	1774649	P2222000	STACKER ROLLER	4
33	1774650	P2224000	STACKER IDLER PULLEY	2
34	1774820	P2251000	ADJUST PULLEY	2
35	1774865	P2A88000	STACKER MOTOR AND HARNESS	1
36	9950013	38C1C625	ONE PIECE SHAFT COLLAR 5/8 X 15/16 X 7/16 W	1
37	9950195	31MBC121	MACHINERY BUSHING	10
38	1931533	3ACCS575	COILED SPRING PIN 1/8 X ¾	3
39	1931522	3ACCS5A0	COILED SPRING PIN 1/8 X 1	1
40	1931535	3ACCS5A5	COILED SPRING PIN 1/8 X 1 1/2	1
41	9950162	60TH7891	SNAP IN SLEEVE BEARING	2
42	1953603	60TH7671	SNAP IN SLEEVE BEARING	7
43	6202029	4KVXL100	MECH ACTUATED SOLID STATE SWITCH	1
44	1930550	3710Z375	E STYLE RETAINING RING 3/8 SHAFT	2
45	1930522	3710Z500	E STYLE RETAINING RING ½ SHAFT	9
46	1980116	32SHSIA3	SOCKET CAP SCREW ¼ X 20 1 ¼	1
47	1771425	61RI0815	RADIAL BAKK BEARING	14
48	1980851	33NLS832	NYLON INSERT HEX LOCK NUT 8-32	2
49	9950178	6DTA4208	TIMING PULLEY 20XL037	1
50	1925238	31NYN170	NYLON FLAT WASHER	2

FIGURE 8.3.8, 8.3.9, & 8.3.10

#	GBC#	ASTERISK#	DESCRIPTION	QTY
51	1925603	30FDS102	FENDER WASHER #8	2
52	1980047	32SHSE88	SOCKET CAP SCREW 8-32 X 7/8	2
53	1935219	3FMA4544	COMPRESSION SPRING	2
54				
55	9950048	4CMS0151	CAPACITOR 15 MFD, 240V	1
56	1771386	4CZ00000	CAPACITOR MOUNTING KIT	1
57	1981303	6BTX409R	TIMING BELT 90XL037	1
58	1981323	6BTX429R	TIMING BELT 290 X L037	2
59	1981307	6BTX413R	TIMING BELT 130 X L037	1
60	1935319	3GMH46A	EXTENSION SPRING	1
61	1900103	34SPBI25	BRASS TIPPED SOCKET SET SCREW ¼ 20 X ¼	1
62	9950197	31NYN140	NYLON FLAT WASHER	4
63	1900093	34CPAI25	CUP POINT SOCKET SET SCREW ½ -20 X ¼	2
64	1730505	42NLCB25	LOOP CLAMP ¼	1
65	1980098	32SHSIA0	SOCKET CAP SCREW ¼ - 20 X 1	2
66	1902877	32PHM850	PAN HD PHILLIPS MACHINE SCREW	2
67				
68	1924825	3CRSA8C9	ROUND SPACER	2
69	1931524	3ACCS475	COILED SPRING PIN 3/32 X ¼ *	2
70	1980096	32SHSI75	SOCKET CAP SCREW ¼ - 20 X ¾	1
71	1925067	30FMS109	FLAT WASHER	2
72	1980014	32SHS850	SOCKET CAP SCREW 4-40 X ½	2
73	1980852	33NLSA32	NYLON INSERT HEX LOCK NUT 10-32	2
74	1980074	32FHSF63	FLAT HD SOCKET CAP SCREW 10-32 X 5/8	2
75	1926063	30SLW010	SPRING LOCK WASHER #10	27
76	1925060	30FMS130	FLAT WASHER #10	3
77	1980074	32SHSF63	SOCKET CAP SCREW 10-32 X 5/8	4
78	1980070	32SHSF38	SOCKET CAP SCREW 10-32 X 3/8	23
79	1926064	30SLW025	SPRING LOCK WASHER ¼	4
80	1925061	30FMS155	FLAT WASHER ¼	3
81				
82		2RLSS001	ALL PURPOSE GREASE	1
83		2STLA242	THREAD LOCKING ADHESIVE	1
84	1774931	P2253000	GROUND SPRING	1
85				
86				
87				
88				
89				
90				
91	1954110	3ADCS9A0	DOWEL PIN ¼ X 1	1
92				
93				
94				
95				
96				
97	9950159	51NLGF6N	TUBING	1
98	1924831	3CRSB6AG	ROUND SPACER	1
99	1980080	32SHSFA5	SOCKET CAP SCREW 10-32 X 1 ½	1



8.4.0 TOP VIEW

FIGURE 8.4.0

#	GBC#	ASTERISK#	DESCRIPTION	QTY
1	1935321	3GYH48B5	EXTENSION SPRING	2
2	1774680	P2024000	CROSS BAR	1
3	1925060	30FMS130	FLAT WASHER #10	14
4	1980702	33HXSA32	HEX NUT 10-32	2
5	1980077	32SHSFA0	SOCKET CAP SCREW 10-32 X 1	2
6	1924831	3CRSB6AG	ROUND SPACER	2
7	1980076	32SHSF88	SOCKET CAP SCREW 10-32 X 7/8	4
8	1926063	30SLW010	SPRING LOCK WASHER #10	15
9	1980081	32SHSFA8	SOCKET CAP SCREW 10-32 X 13/4	2
10	1774657	P2A76000	ANTI BACKUP ROLLER ASSY	1
11	1774828	P2A56000	ROLLER BEARING ASSY	2
12	1774632	P2099000	HOPPER STOP	1
13	1774829	P2A57000	INPUT HOPPER ASSY (SEE FIG. 8.4.1)	1
14	1774839	P2A70000	INPUT WEIGHT HOPPER ASSY (SEE FIG 8.4.2)	1
15	1774741	P2103000	SIDE COVER	1
16	1980630	32THMF50	TRUSS HD PHILLIPS MACHINE SCREW 10-32 X ½	5
17	1925232	31NYF120	NYLON FLAT WASHER #10	5
18	1980074	32SHSF63	SOCKET CAP SCREW 10-32 X 5/8	3
19	1774643	P2196000	SCALE	1
20	1774644	P2198000	SCALE COVER	1
21	1980072	32SHSF50	SOCKET CAP SCREW 10-32 X ½	3
22	1925060	30FMS130	FLAT WASHER #10	2

RIGHT HAND INPUT SIDE GUIDE

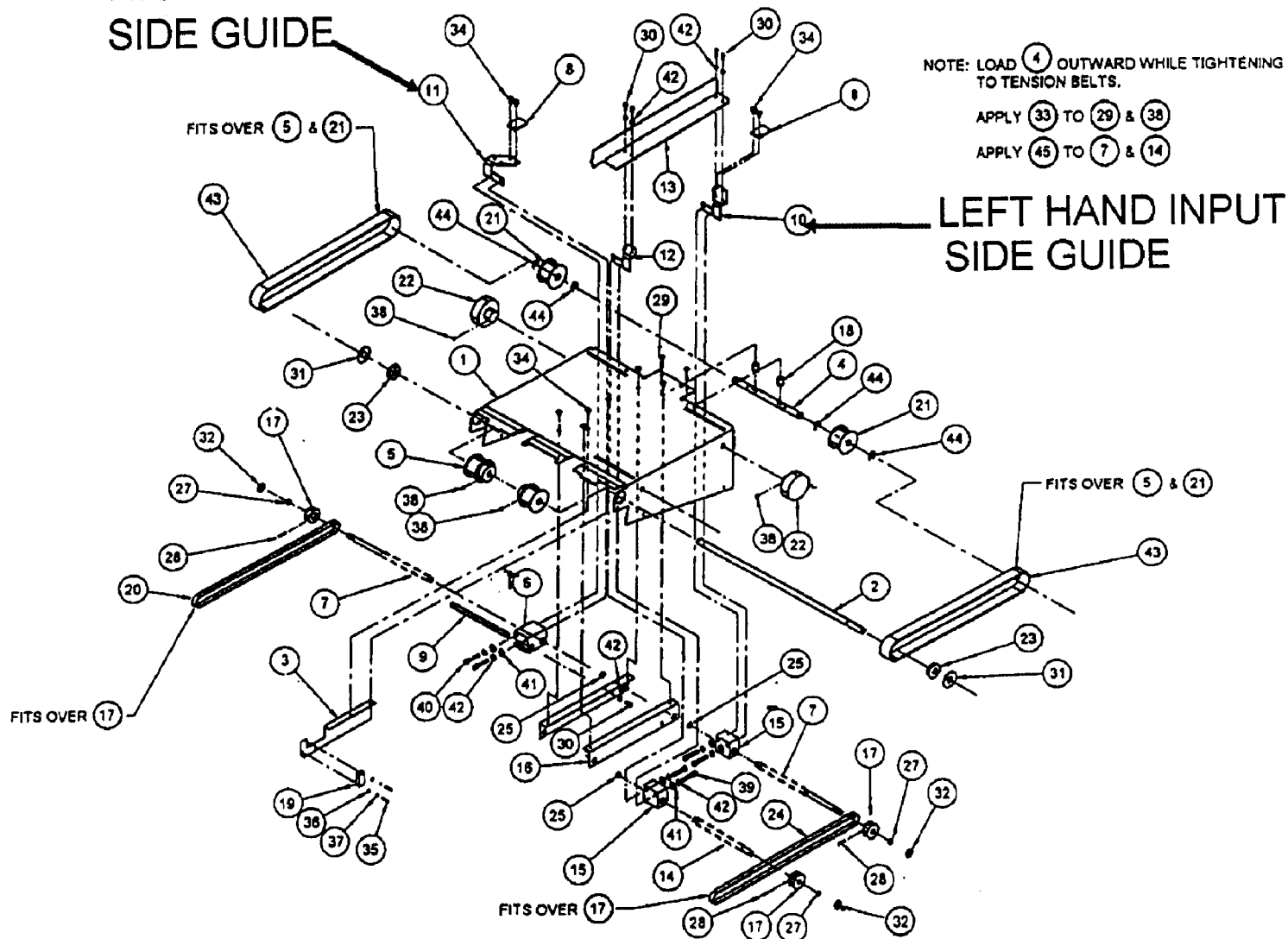


FIGURE 8.4.1 INPUT HOPPER ASSY

FIGURE 8.4.1

#	GBC#	ASTERISK#	DESCRIPTION	QTY
	1774829	P2A57000	INPUT HOPPER ASSY (CONTAINS 1 THRU 44)	1
1	1774668	P2010000	DECK PLATE	1
2	1774671	P2013000	INPUT DRIVE SHAFT	1
3	1774672	P2014000	SENSOR BRACKET	1
4	1774676	P2020000	INPUT IDLER SHAFT	1
5	1774682	P2026000	HOPPER DRIVE PULLEY	2
6	1774695	P2042000	ADJUST BLOCK RH	1
7	1774697	P2046000	ADJUST THREADED ROD	2
8	1774700	P2051000	ADJUST INDICATOR	2
9	1774729	P2090000	GUIDE ROD	1
10	1774731	P2092L00	INPUT SIDE GUIDE LH	1
11	1774732	P2092R00	INPUT SIDE GUIDE RH	1
12	1774852	P2112000	INPUT GUIDE BRACKET	1
13	1774755	P2128000	EDGE GUIDE	1
14	1774756	P2129000	ADJUST THRESDDED ROD	1
15	1774757	P2130000	ADJUST BLOCK	2
16	1774758	P2132000	INPUT ADJUST BRACKET	2
17	1774820	P2251000	ADJUST PULLEY	3
18	1924825	3CRSA8C9	ROUND SPACER	2
19	6202029	4KVX1100	MECHANICAL ACTUATED SOLID STATE SWITCH	1
20	1981351	6BTX457R	TIMING BELT 570XL037	1
21	1771159	AP081000	IDLER ROLLER	2
22	7500880	3NKNP003	KNURLED KNOB	2
23	1771425	61RI0815	RADIAL BALL BEARING	2
24	1981380	6BTX461R	TIMING BELT 608XL037	1
25	1953603	60TH7671	SNAP IN SLEEVE BEARING	3
26				
27	1953604	60TN1672	SNAP IN NYLINER BEARING	3
28	1931533	3ACCS575	COILED SPRING PIN 1/8 X 3/4	3
29	1980635	32THMFA0	TRUSS HD PHILLIPS MACHINE SCREW 10-32 X 1	2
30	1722610	32SHSF38	SOCKET CAP SCREW 10-32 X 3/8	5
31	9950195	31MBC121	MACHINERY BUSHING	2
32	9950197	31NYN140	NYLON FLAT WASHER	3
33		2STLA242	THREAD LOCKING ADHESIVE	1
34	1980628	32THMF38	TRUSS HD MACHINE SCREW 10-32 X 3/8	10
35	1980022	32SHS856	SOCKET CAP SCREW 4-40 X 9/16	2
36	1925067	30FMS109	FLAT WASHER	2
37	1926060	30SLW004	SPRING LOCK WASHER #4	2
38	1900103	34SPBI25	BRASS TIPPED SOCKET SCREW	4
39	1980079	32SHSFA3	SOCKET CAP SCREW 10-32 X 1 1/4	4
40		32SHSFB3	SOCKET CAP SCREW 10-32 X 21/4	2
41	1925060	30FMS130	FLAT WASHER	6
42	1926063	30SLW010	SPRING LOCK WASHER #10	11
43	6184009	6BTLA34U	TIMING BELT 337L100	2
44	1930522	3710Z500	E STLYE RETAINING RING 1/2 SHAFT	6

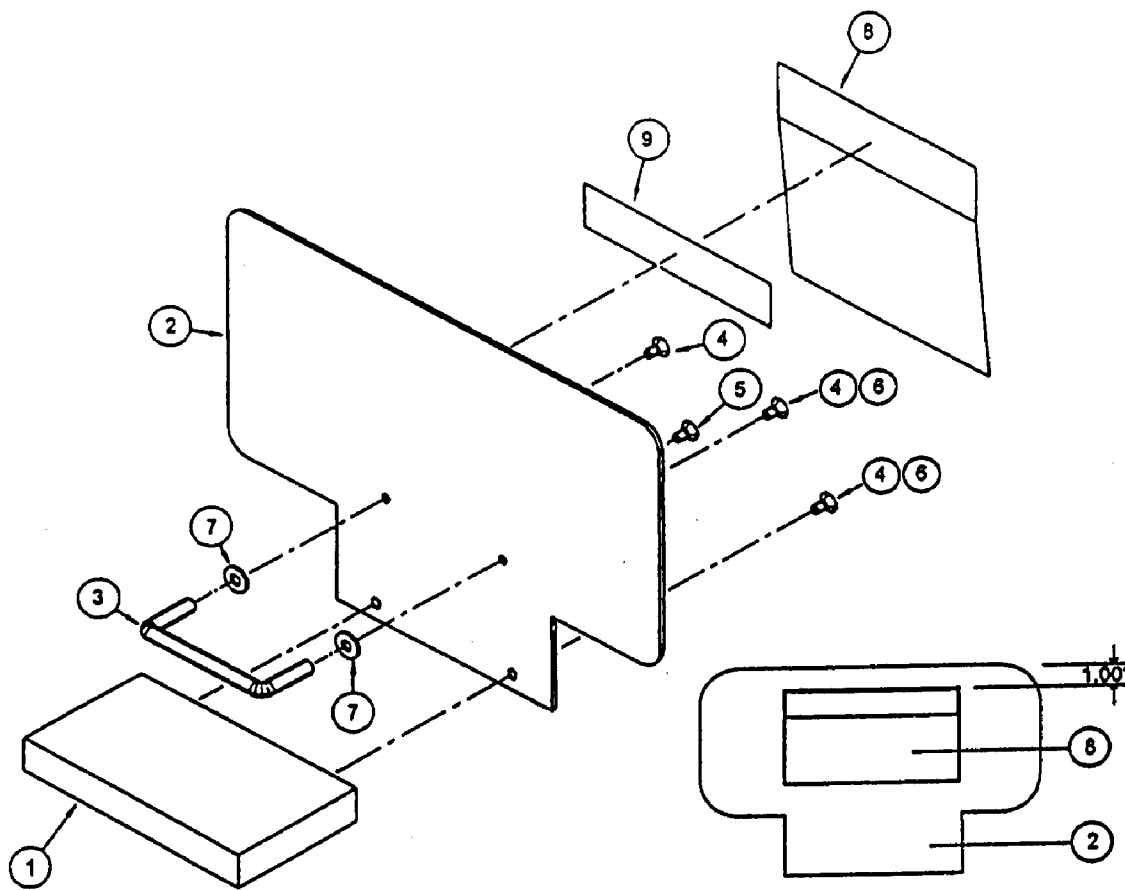


FIGURE 8.4.2 INPUT HOPPER WEIGHT ASSY.

FIGURE 8.4.2

#	GBC#	ASTERISK#	DESCRIPTION	QTY
	1774839	P2A70000	INPUT HOPPER WEIGHT ASSY (CONTAINS 1 THRU 9	1
1	1774739	P2100000	HOPPER WEIGHT	1
2	1774800	P2214000	HOPPER PLATE	1
3	1771435	3NRHP001	ROUND HANDLE PULL ROD	1
4	1980456	32FHSE38	FLAT HD SOCKET CAP SCREW 8-32 X 3/8	2
5	1980070	32FHSF38	FLAT HD SOCKET HD CAP SCREW	2
6		2STLA242	THREAD LOCKING ADHESIVE	1
7	1925060	30FMS130	FLAT WASHER #10	2
8	1774863	P2236000	HOPPER SUPPORT SPRING	1
9	9950241	2ZADTPE3	HI SHEAR STRENGTH DOUBLE COATED TAPE	1

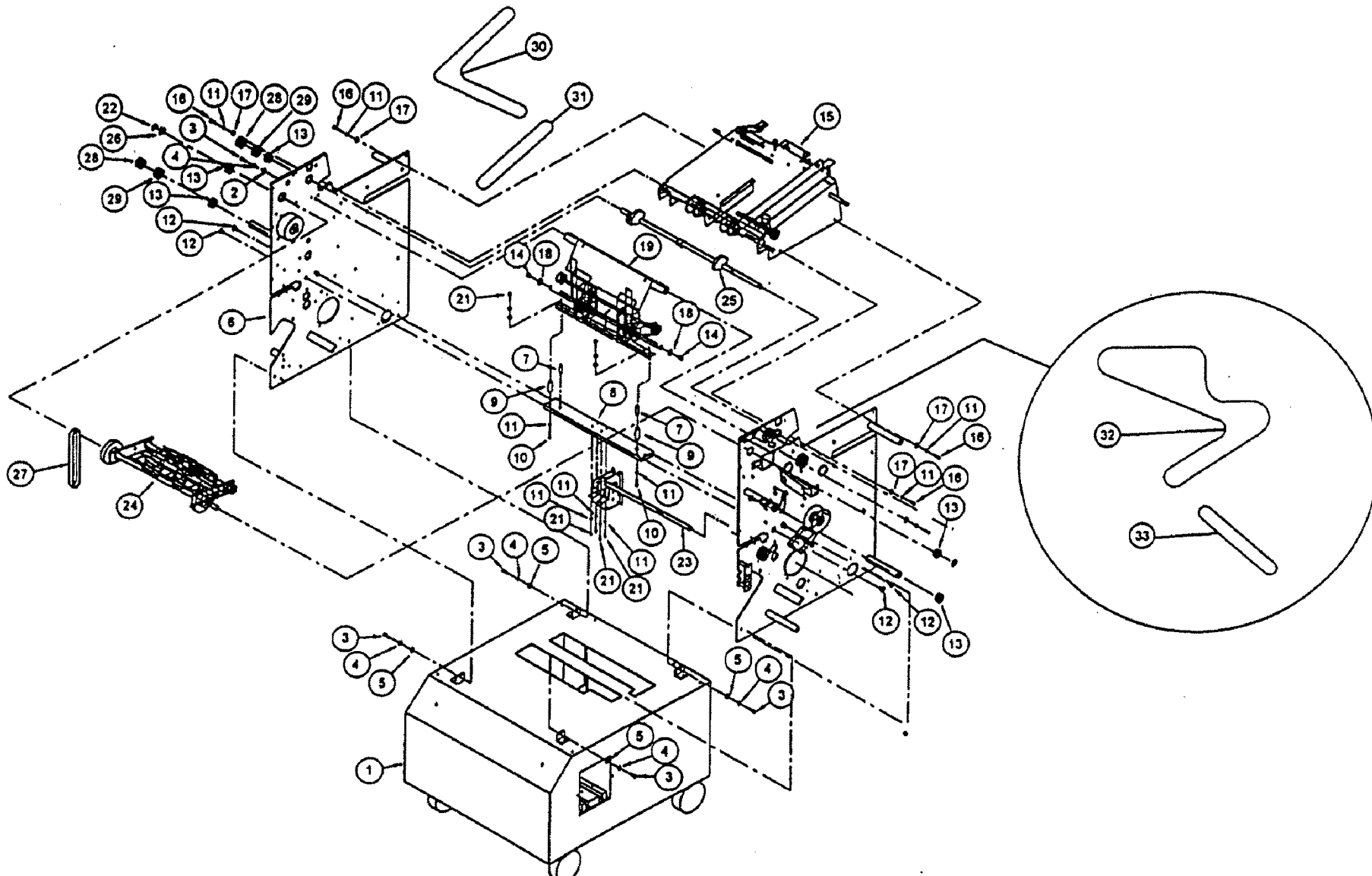


FIGURE 8.5.0 LEFT & INSIDE VIEW (1 OF 2)

FIGURE 8.5.0

#	GBC#	ASTERISK#	DESCRIPTION	QTY
1	1774824	P2A50000	BASE ASSY (SEE FIG. 8.7)	1
2	1774826	P2A52000	REAR PLATE ASSY (SEE FIG. 8.6	1
3	1980095	32SHSI63	SOCKET CAP SCREW ¼ -20 X 5/8	6
4	1926064	30SLW025	SPRING LOCK WASHER	6
5	1730640	30FAN160	FLAT WASHER	4
6	1774825	P2A51000	FRONT PLATE ASSY (SEE FIG. 8.2.1)	1
7	1954111	3DDCSBA3	DOWEL PIN 3/8 X ¼	2
8	1774801	P2217000	DIE MOUNT BAR	1
9	1924838	3DRSA8B0	ROUND STAND OFF	2
10	1980075	32SHSF75	10-32 X ¾	2
11	1926063	30SLW010	SPRING LOCK WASHER #10	15
12		32FHSK50	FLAT HD SOCKET CAP SCREW	4
13	1771425	61RI0815	RADIAL BALL BEARING	6
14	1953636	60TH5676	FLANGED PLAIN BEARING	2
15	1774829	P2A57000	INPUTHOPPER ASSY. (SEE FIG. 8.4.1)	1
16	1980074	32SHSF63	SOCKET CAP SCREW 10-32 X 5/8	4
17	1925060	30FMS130	FLAT WASHER #10	2
18	1925223	31NYF170	NYLON FLAT WASHER	2
19	1774827	P2A53000	PUNCH JUSTIFY ASSY. (SEE FIG. 8.3.5)	1
20	1925061	30FMS155	FLAT WASHER	2
21	1722610	32SHSF38	SOCKET CAP SCREW 10-32 X 3/8	9
22	1930522	3710Z500	ESTYLE RETAINING RING ½ SHAFT	3
23	1774872	P2A96000	DIESET CLAMP ASSY (SEE FIG. 8.5.2)	1
24	1774651	P2A54000	WEDGE ASSY (SEE FIG. 8.3.2 OBSOLETE)	1
25	1774838	P2A69000	CAMSHAFT ASSY	1
26	9950195	31MBC121	MACHINERY BUSHING	5
27	1981312	6BTX418R	TIMING BELT 180 X L037	1
28	1774699	P2049000	JUSTIFY TIMING PULLEY	2
29	9950013	38C1C625	ONE PIECE SHAFT COLLAR 5/8 X 15/16 X 7/16 W	2
30	1981351	6BTX457R	TIMING BELT 570 X L037	1
31	1981323	6BTX429R	TIMING BELT 290 X L037	1
32	1981380	6BTX461R	TIMING BELT 608 X L037	1
33	1981323	6BTX429R	TIMING BELT 290 X L037	1

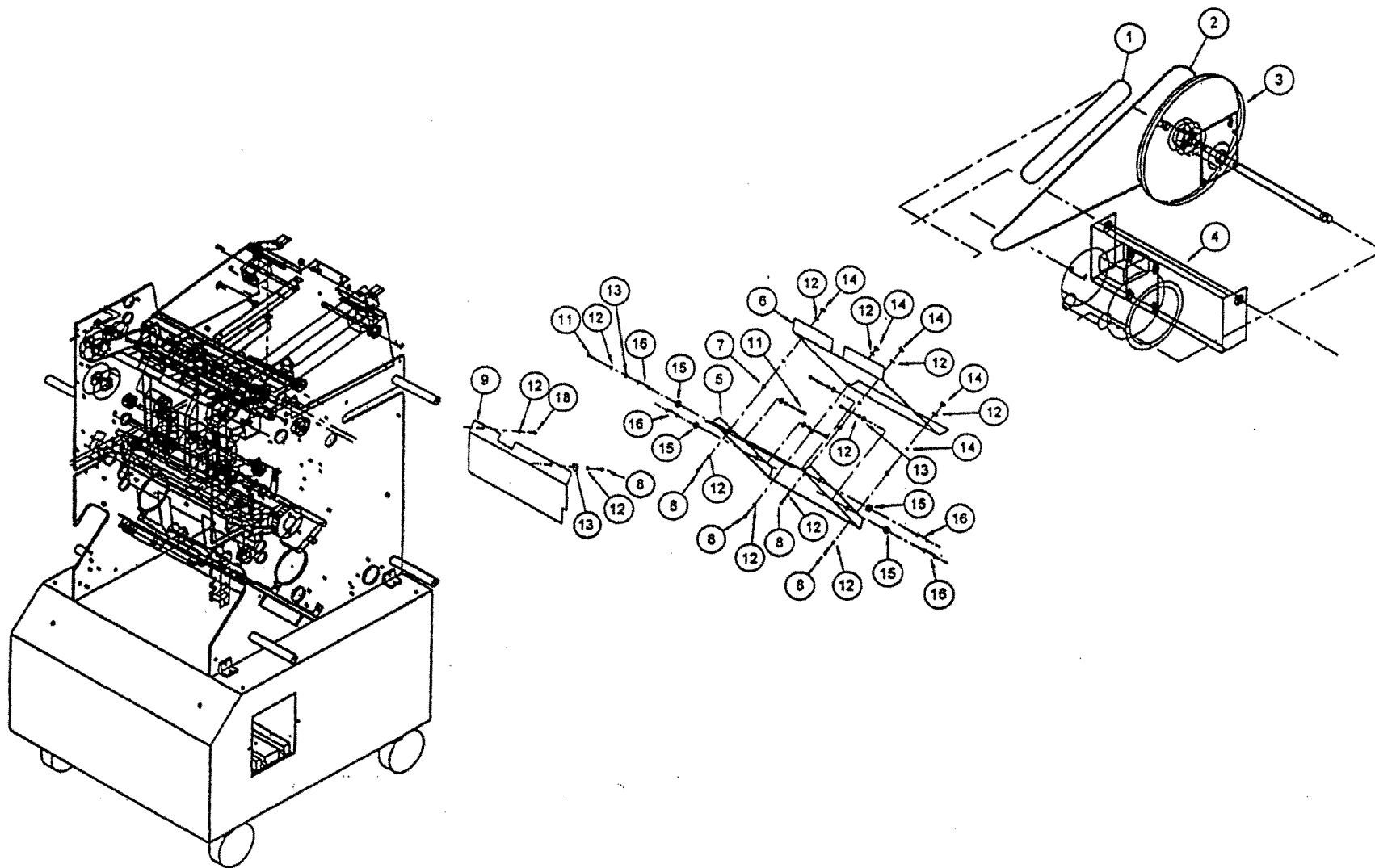


FIGURE 8.5.1 LEFT & INSIDE VIEW (2 OF 2)

FIGURE 8.5.1

#	GBC#	ASTERISK#	DESCRIPTION	QTY
1	1981331	6BTX437R	TIMING BELT 370 X L037	1
2	1962902	6BV3L500	V BELT 3L500	1
3	1774834	P2A64000	CLUTCH AND FLYWHEEL ASSY. (SEE FIG.8.5.4)	1
4	1774830	P2A58000	MAIN MOTOR ASSY (SEE FIG. 8.5.3)	1
5	1774735	P2095000	SLUG CHUTE	1
6	1774847	P2054000	SLUG CHUTE COVER	1
7	1924821	3CRSA8A6	ROUND SPACER	4
8	1980076	32SHSF88	SOCKET CAP SCREW 10-32 X 7/8	5
9	1774918	P2137000	WIRE GUARD	1
10	1774919	P2142000	HAND GUARD	2
11	1980081	32SHSFA8	SOCKET CAP SCREW 10-32 X 1 ¼	4
12	1926063	30SLW010	SPRING LOCK WASHER #20	12
13	1925060	30FMS130	FLAT WASHER #10	5
14	1980702	33HXSA32	HEX NUT 10-32	8
15	1954027	42GMT018	GROMMET	4
16	1924832	3CRSC6BN	ROUND SPACER	4
17	9950058	4LRFA002	CORNER CUBE TAPE ADHESIVE 1" WIDE	1
18	1722610	32SHSF38	SOCKET CAP SCREW 10-32 X 3/8"	5

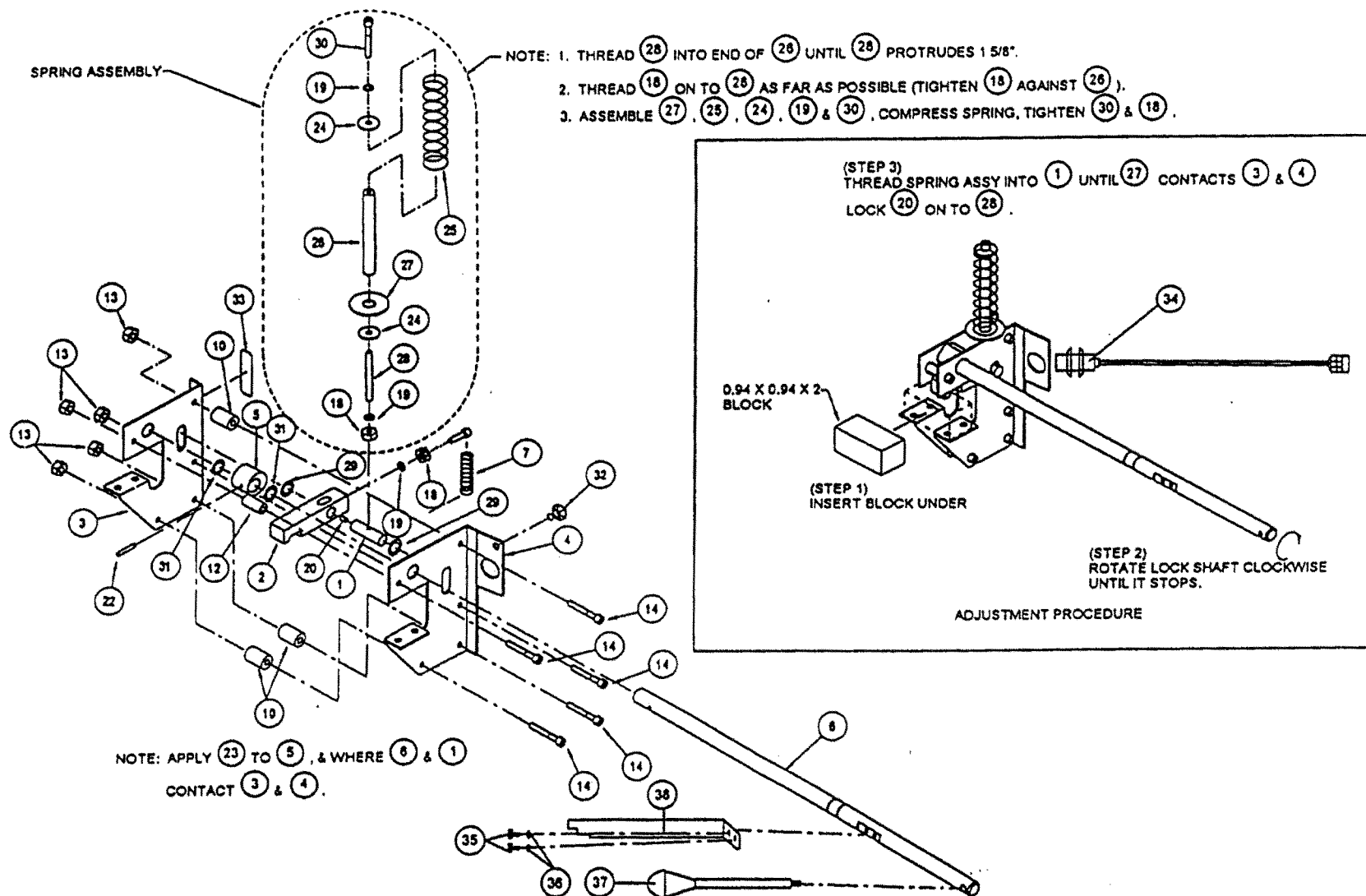


FIGURE 8.5.2 DIESET CLAMP ASSY

FIGURE 8.5.2

#	GBC#	ASTERISK#	DESCRIPTION	QTY
	1774872	P2A96000	DIE SET CLAMP ASSY (CONTAINS 1 THRU 33)	1
1		P2153000	CLAMP ADJUST SHAFT	1
2		P2154000	PIVOT ARM	1
3		P2152000	DIE SET CLAMP RH	1
4		P2151000	DIE SET CLAMP LH	1
5	1774802	P2218000	DIE SET LOCK CAM	1
6	1774816	P2247000	DIE SET LOCK SHAFT	1
7	1935320	3GSF26A5	EXTENSION SPRING	1
8				
9				
10	1924822	3CRSA8AC	ROUND SPACER	3
11				
12	1924820	3CRSA6AC	ROUND SPACER	1
13	1980852	33NLSA32	NYLON INSERT HEX LOCK NUT	5
14	1980079	32SHSFA3	SOCKET CAP SCREW 10-32 X 11/4	5
15				
16				
17	1980074	32SHSF63	SOCKET CAP SCREW 10-32 X 5/8 *	1
18	1980702	33HXSA32	HEX NUT 10-32	2
19	1926063	30SLW010	SPRING LOCK WASHER #10	3
20	1900102	34SPNE25	SOFT TIPPED SET SCREW 8-32 X 1/4	1
21				
22	1931533	3ACCS575	COILED SPRING PIN 1/8 X 3/4	1
23		2RLSS001	ALL PURPOSE GREASE	1
24	1925604	30FDS103	FENDER WASHER	2
25		3FDIEM38	DIE SPRING	1
26	1774927	P2156000	SPRING SPACER	1
27		30FDS104	FENDER WASHER	1
28	9950259	32SFSFB0	FULLY THREADED STUD 10-32 X 2 LONG	1
29	9950197	31NYN140	NYLON FLAT WASHER	2
30	1951988	32HHMFA3	HEX HD MACHINE SCREW 10-32 X 11/4	1
31	1925238	31NYN170	NYLON FLAT WASHER	2
32	9950305	42THD002	PUSH CABLE TIE HOLDER	1
33	1774933	P2260000	DIE CLAMP LABEL	1
34	1774637	P2A84000	PHOTO SENSOR CABLE ASSY	1
35	1722610	32SHSF38	SOCKET CAP SCREW 10-32 X 3/8	2
36	1926063	30SLW010	SPRING LOCK WASHER #10	2
37	9950236	3NLVB001	LEVER BAR WITH OVAL KNOB 1/4 X 20	1
38	1774734	P2094000	BACK GAUGE RELEASE LEVEL	1

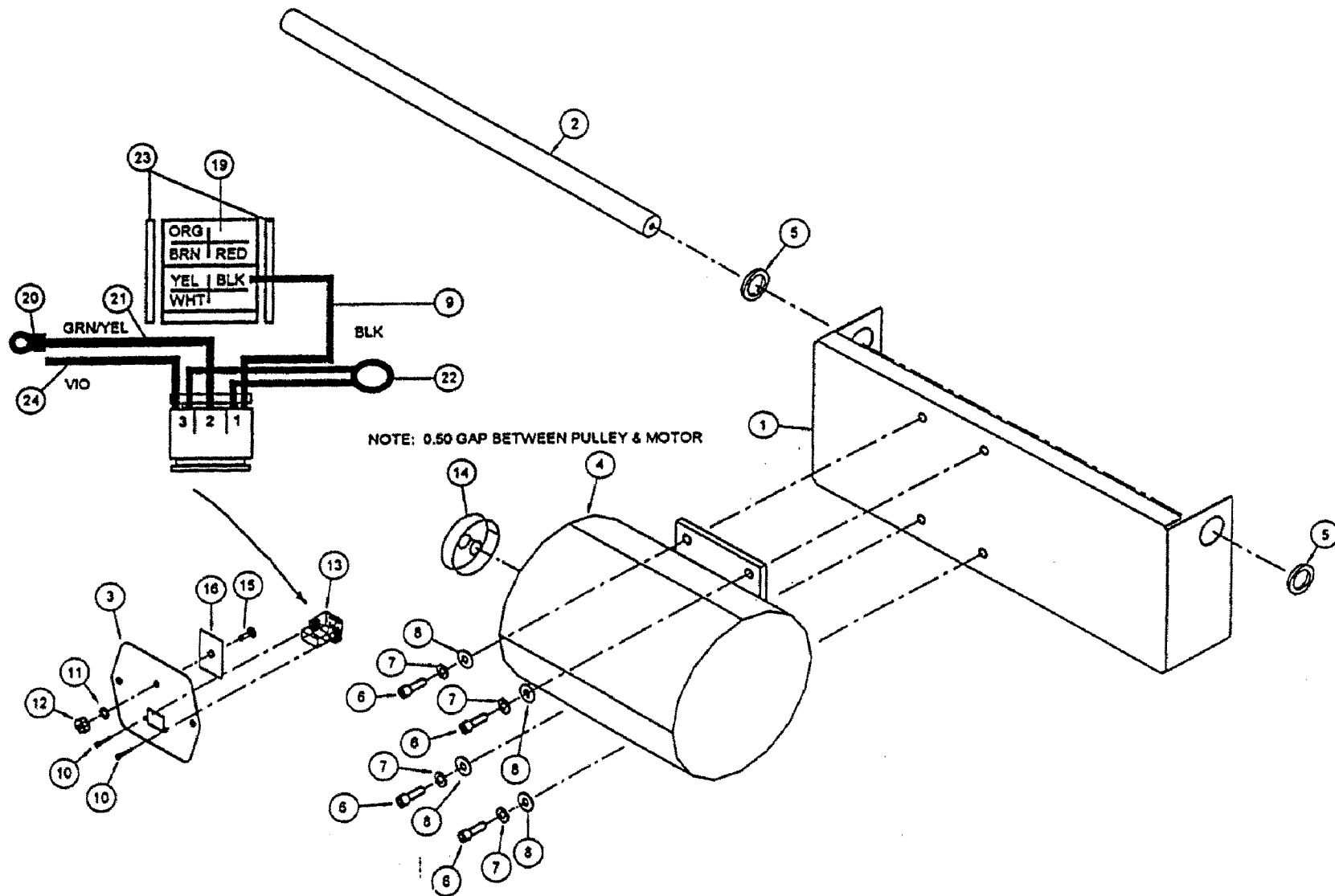


FIGURE 8.5.3 MAIN MOTOR ASSY

FIGURE 8.5.3

#	GBC#	ASTERISK#	DESCRIPTION	QTY
	1774830	P2A58000	MAIN MOTOR ASSY (CONTAINS 1 THRU 23)	1
1	1774711	P2065000	PUNCH MOTOR DECK	1
	1774913	P2065010	PUNCH MOTOR DECK (230V /50HZ)	1
2	1774715	P2069000	PUNCH MOUNT ROD	1
3	1770941	P2250000	PUNCH MOTOR COVER	1
4	1774893	4TBP0003	AC MOTOR W/O COVER	1
	1774892	4TBCC002	AC MOTOR W/O COVER 50HZ (INTERNATIONAL)	
5	1954014	42GMT031	GROMMET	2
6	1951990	32HHS175	HEX HEAD CAP SCREW ¼ -20 X ¾	4
7	1926064	30SLW025	SPRING LOCK WASHER ¼	4
8	1730643	30FT8025	FLAT WASHER	4
9		401HSD1B	STRANDED HOOK UP WIRE BLK 18 AWG	6
10	1980014	32SHS850	SOCKET CAP SCREW 4 -40 X ½	2
11	1925060	30FMS130	FLAT WASHER # 10	1
12	1980852	33NLSA32	NYLON INSERT HEX LOCK NUT 10-32	1
13	9950046	45WIM003	MALE CONNECTOR	1
14	6182004	6DV0K178	V BELT PULLEY 0K17X12	1
15	1980281	32BHSF50	BUTTON HD SOCKET CAP SCREW 10 – 32 X ½	1
16	9950111	41DIN003	DIN MOUNTING RAIL	1
17	9950118	44WAG00	DOUBLE TERMINAL BLOCK 4 CONDUCTOR	2
18				
19	9950117	44WAG00	TERMINAL BLOCK END PLATE 2 CONDUCTOR	1
20	1771412	45MLX20	RING TERMINAL , INTERNAL LOCK # 10	1
21	9950110	401HSD1D	STRANDED HOOK UP WIRE 18 AWG	6
22	1774736	P2096000	SURGE SUPPRESSOR (110 VOLT VERSION ONLY)	1
	1774914	P2096010	SURGE SUPPRESSOR (115-230V)	1
23	1771418	42TIE004	CABLE TIE	3

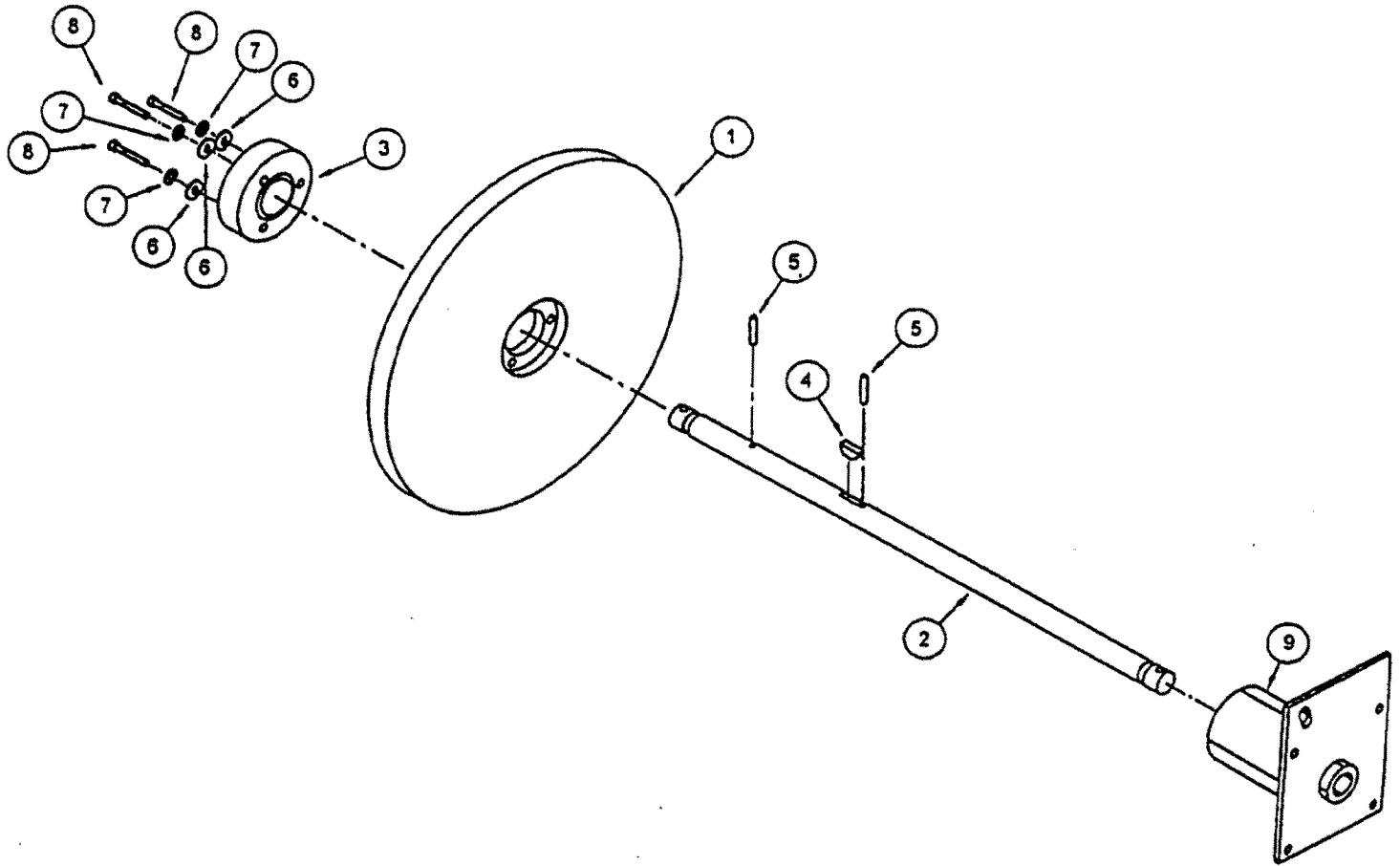


FIGURE 8.5.4 CLUTCH & FLYWHEEL ASSY

FIGURE 8.5.4

#	GBC#	ASTERISK#	DESCRIPTION	QTY
	1774834	P2A64000	CLUTCH AND FLY WHEEL ASSY	1
1	1774687	P20303000	FLYWHEEL	1
2	1774698	P2048000	PUNCH CLUTCH SHAFT	1
3	1774724	P2082000	FLYWHEEL TAKEOFF PULLEY	1
4	1952101	39WCS606	WOODRUFF KEY # 606	1
5	1931521	3ACCS7A0	COILED SPRING PIN 3/16 X 1	2
6	1730640	30FAN160	FLAT WASHER	3
7	1926064	30SLW025	SPRING LOCK WASHER ¼	3
8	1980101	32SHS1A5	SOCKET CAP SCREW ¼ - 20 X 1 ½	3
9	6190002	6JSCB612	SPRING WRAP CLUTCH , 1 STOP , 24 VDC	1
10	1774759	P2133000	ANTI ROTATION BRACKET (NOT SHOWN)	1

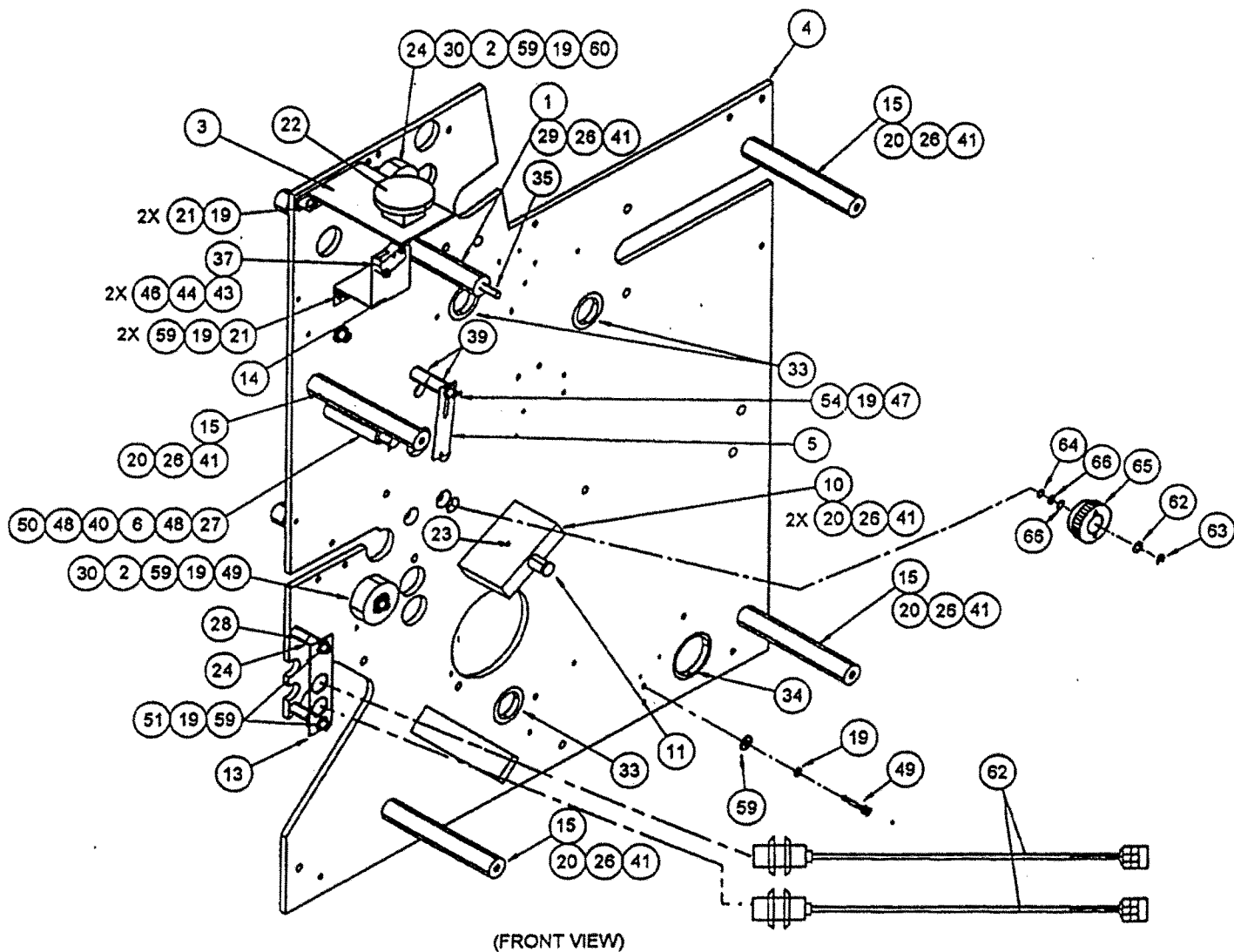


FIGURE 8.6.0 REAR PLATE ASSY (1 OF 4)

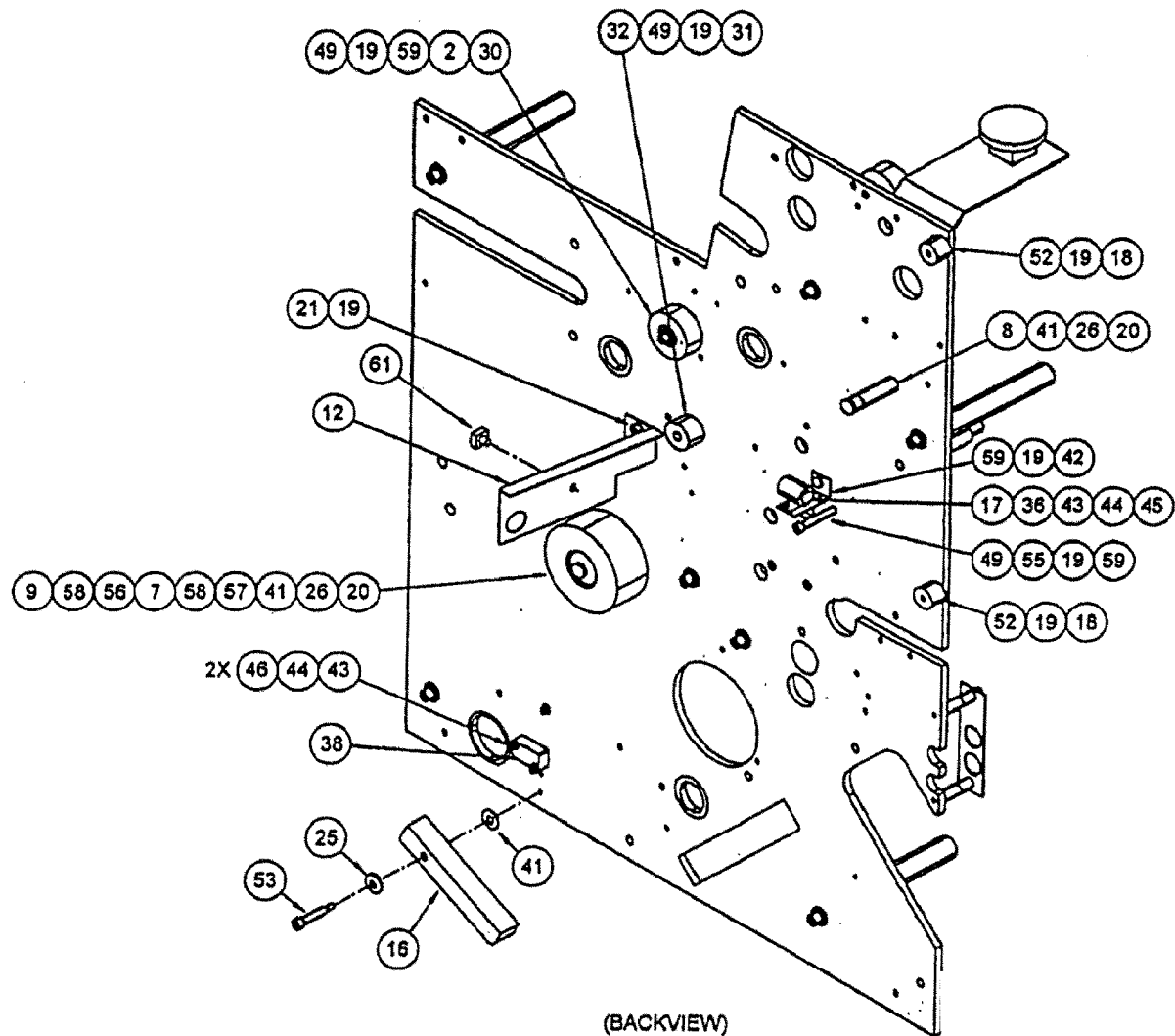


FIGURE 8.6.1 REAR PLATE ASSY (2 OF 4)

FIGURE 8.6.0 & 8.6.1

#	GBC#	ASTERISK #	DESCRIPTION	QTY
1	1771085	AP028000	CLUTCH STOP ROD	1
2	1771093	AP038000	IDLER PULLEY ASSY	3
3	1774688	P2032000	ESTOP SWITCH BRACKET	1
4	1774689	P2033000	REAR PLATE	1
5	1774693	P20404000	SPRING MOUNT	1
6	1774710	P2064000	CYLINDER MOUNT STAND OFF	1
7	1774712	P2066000	TRANSFER PULLEY	1
8	1774713	P2067000	PULLEY STUB SHAFT	1
9	1774723	P2080000	SHORT STUB SHAFT	1
10	1774630	P2088000	FULCRUM BLOCK	1
11	1774631	P2089000	FULCRUM SHAFT	1
12	1774750	P2121000	PUNCH SENSOR BRACKET	1
13	1774777	P2177000	SENSOR MOUNT PLATE	1
14	1774786	P2187000	LID INTERLOCK BRACKET	1
15	1774790	P2192000	LONG COVER STAND OFF	4
16	1774793	P2197000	SCRAP BIN SWITCH ACTUATOR	1
17	1911802	3DHSB448	HEX STAND OFF	1
18	9950106	3QRSR056	RECESSED BUMPER	2
19	1926063	30SLW010	SPRING LOCK WASHER #10	16
20	1980095	32SHSI63	SOCKET CAP SCREW ¼ - 20 X 5/8	8
21	1722610	32SHSF38	SOCKET CAP SCREW 10-32 X 3/8	6
22	9950249	4JPG8033	ROUND MAINTAINED MUSHROOM (RED)	1
23	1931533	3ACCS575	COILED SPRING PIN	1
24	1924819	3CRSA6A8	ROUND SPACER	3
25	1730643	30FT8025	GRADE 8 FLAT WASHER	1
26	1926064	30SLW025	SPRING LOCK WASHER	9
27	9950109	3GSS073	BALL STUD FOR GAS SPRING 10MM BALL	1
28	1924820	3CRSA6AC	ROUND SPACER	2
29	1980305	32BHSI75	BUTTON HD SOCKET CAP SCREW ¼ - 20 X ¾	1
30	1925081	30FFH025	FINISHED FLAT WASHER	3
31	1925604	30FDS103	FENDER WASHER # 10	1
32	9950170	63CYS100	YOKE STYLE CAM FOLLOWER	1
33	1954029	42GMT500	GROMMET	3
34	1954028	42GMT501	GROMMET	1
35	1954102	3ADCS9A3	DOWEL PIN	1
36	9950102	3NMCT002	MAGNETIC CATCH	1
37	9950054	4JMBT005	MINIATURE ROLLER SWITCH	1
38	6202029	4KVX1100	MECH ACTUATED SOLID STATE SWITCH	1
39	1924822	3CRSA8AC	ROUND SPACER	2
40	1925066	30FMS185	FLAT WASHER 5/16	1
41	1925061	30FMS155	FLAT WASHER ¼	9
42	1980074	32SHSF63	SOCKET CAP SCREW 10-32 X 5/8	1
43	1925067	30FMS109	FLAT WASHER	6
44	1926060	30SLW004	SPRING LOCK WASHER	6
45	1980021	32SHS831	SOCKET CAP SCREW 4-40 X 5/16	2
46	1980022	32SHS856	SOCKET CAP SCREW 4-40 X 9/16	4
47	1980082	32SHSFB0	SOCKET CAP SCREW 10-32 X 2	1
48	1926065	30SLW031	SPRING LOCK WASHER 5/16	2
49	1980077	32SHSFA0	SOCKET CAP SCREW 10-32 X 1	5
50	1980144	32SHSKA0	SOCKET CAP SCREW 5/16 - 18 X1	1
51	1980081	32SHSFA8	10-32 X 1 ¾	2
52	1980072	32SHSF50	10-32 X ½ STAINLESS	2

FIGURE 8.6.0 & 8.6.1

53	1900807	3BSHC4A0	SHOULDER SCREW ¼ X 1	1
54	1925080	30FFH010	FINISHED FLAT WASHER #10	1
55	1980702	33HXSA32	HEX NUT 10-32	1
56	1930522	3710Z500	E STYLE RETAINING RING ½ SHAFT	1
57	9950195	31MBC121	MACHINERY BUSHING	1
58	1771425	61RIO815	RADIAL BALL BEARING	2
59	1925060	30FMS130	FLAT WASHER #10	9
60	1980080	32SHSFA5	SOCKET CAP SCREW 10-32 X 1 ½	1
61	9950305	42THD002	PUSH CABLE TIE HOLDER	1
62	1774637	P2A84000	PHOTOSENSOR CABLE ASSY	2
63	9950025		SPRING ASSY (NOT SHOWN)	1

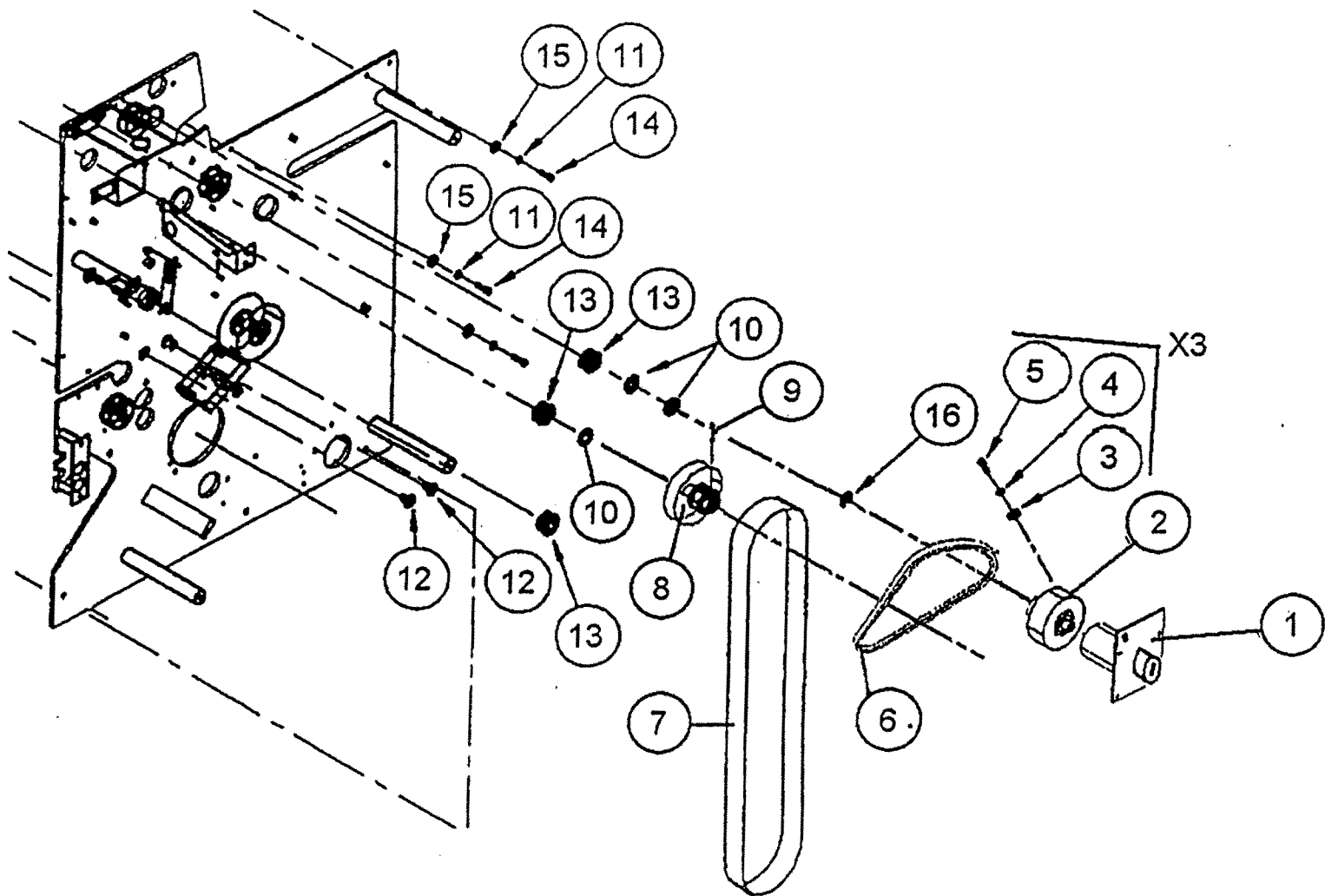


FIGURE 8.6.2 REAR PLATE ASSY (3 OF 4)

FIGURE 8.6.2

#	GBC#	ASTERISK#	DESCRIPTION	QTY
1	9950074	6JSCB511	SPRING WRAP CLUTCH 1 STOP 24 VDC	1
2	1771089	AP032000	WEDGE CLUTCH PULLEY	1
3	1925060	30FMS130	FLAT WASHER #10	3
4	1926063	30SLW010	SPRING LOCK WASHER #10	3
5	1722610	32SHSF38	SOCKET CAP SCREW 10-32 X 3/8	3
6	1981311	6BTX417R	TIMING BELT 170 X L037	1
7	1981348	6BTX454R	TIMING BELT 540 X L037	1
8	1774843	P2A75000	PULLEY ASSY	1
9	1931533	3ACCS575	COILED SPRING PIN 1/8 X ¾	1
10	9950195	31MBC121	MACHINERY BUSHING	3
11	1926063	30SLW010	SPRING LOCK WASHER # 10	2
12		32FHSK50	FLAT HD SOCKET CAP SCREW 5/16 – 18 X ½	6
13	1771425	61RI0815	RADIAL BALL BEARING	3
14	1980074	32SHSF63	SOCKET CAP SCREW 10-32 X 5/8	2
15	1925060	30FMS130	FLAT WASHER #10	2

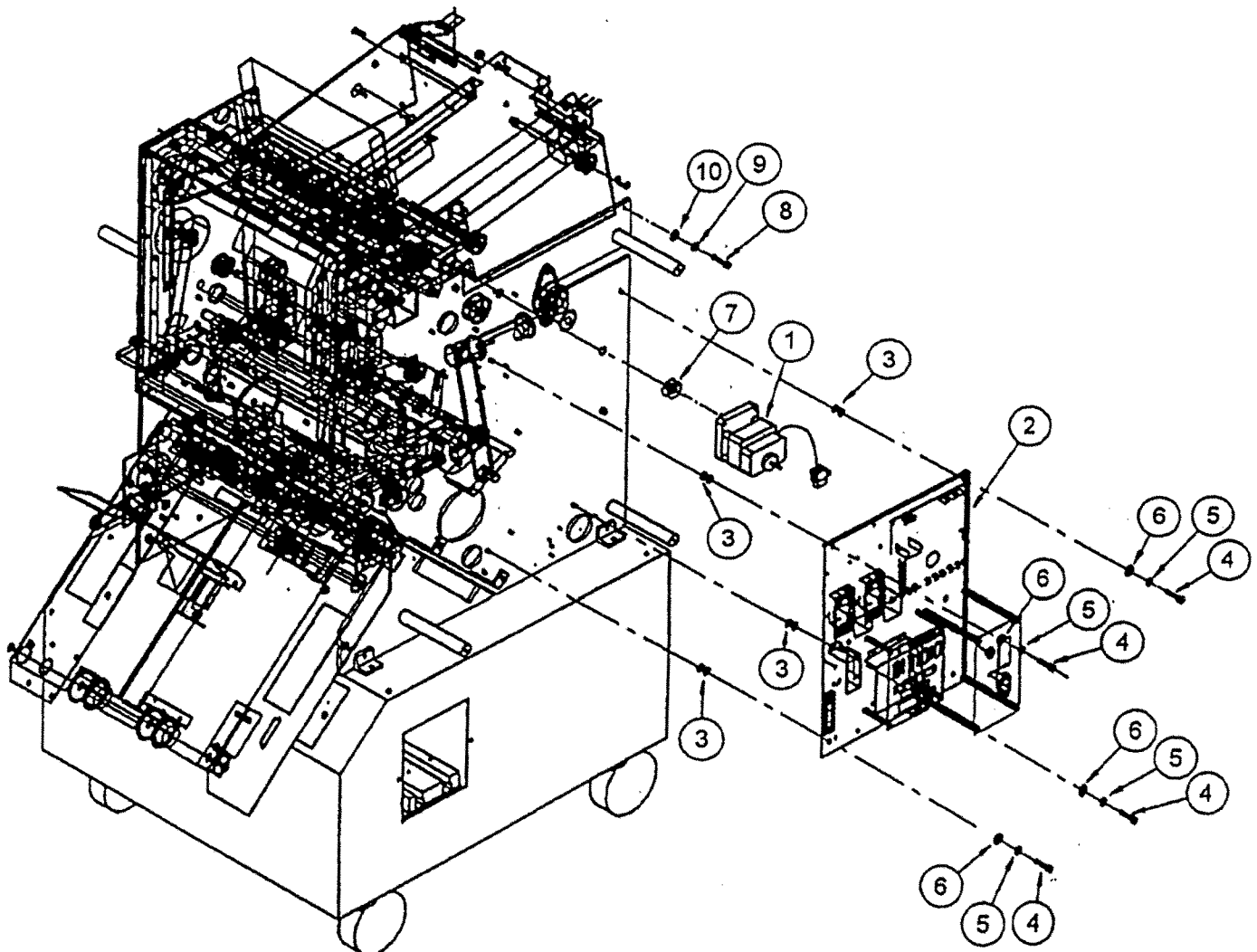


FIGURE 8.6.3 REAR PLATE ASSY (4 OF 4)

FIGURE 8.6.3

#	GBC#	ASTERISK#	DESCRIPTION	QTY
1	1774864	P2A93000	INPUT HOPPER MOTOR 115V	1
	1774869	P2A93010	INPUT HOPPER MOTOR 230V	1
2	1774832	P2A61000	ELECTRICAL PANEL ASSY	1
3	1924824	3XRSA8C8	ROUND SPACER	4
4	1980098	32SHSIA0	SOCKET CAP SCREW ¼ -20 X 1	4
5	1926064	30SLW025	SPRING LOCK WASHER ¼	4
6	1925061	30FMS155	FLAT WASHER	4
7	9950012	38C1C500	ONE PIECE CLAMP COLLAR	1
8	1980074	32SHSF63	SOCKET CAP SCREW 10-32 X 5/8	3
9	1926063	30SLW010	SPRING LOCK WASHER #10	4
10	1925060	30FMS130	FLAT WASHER #10	2

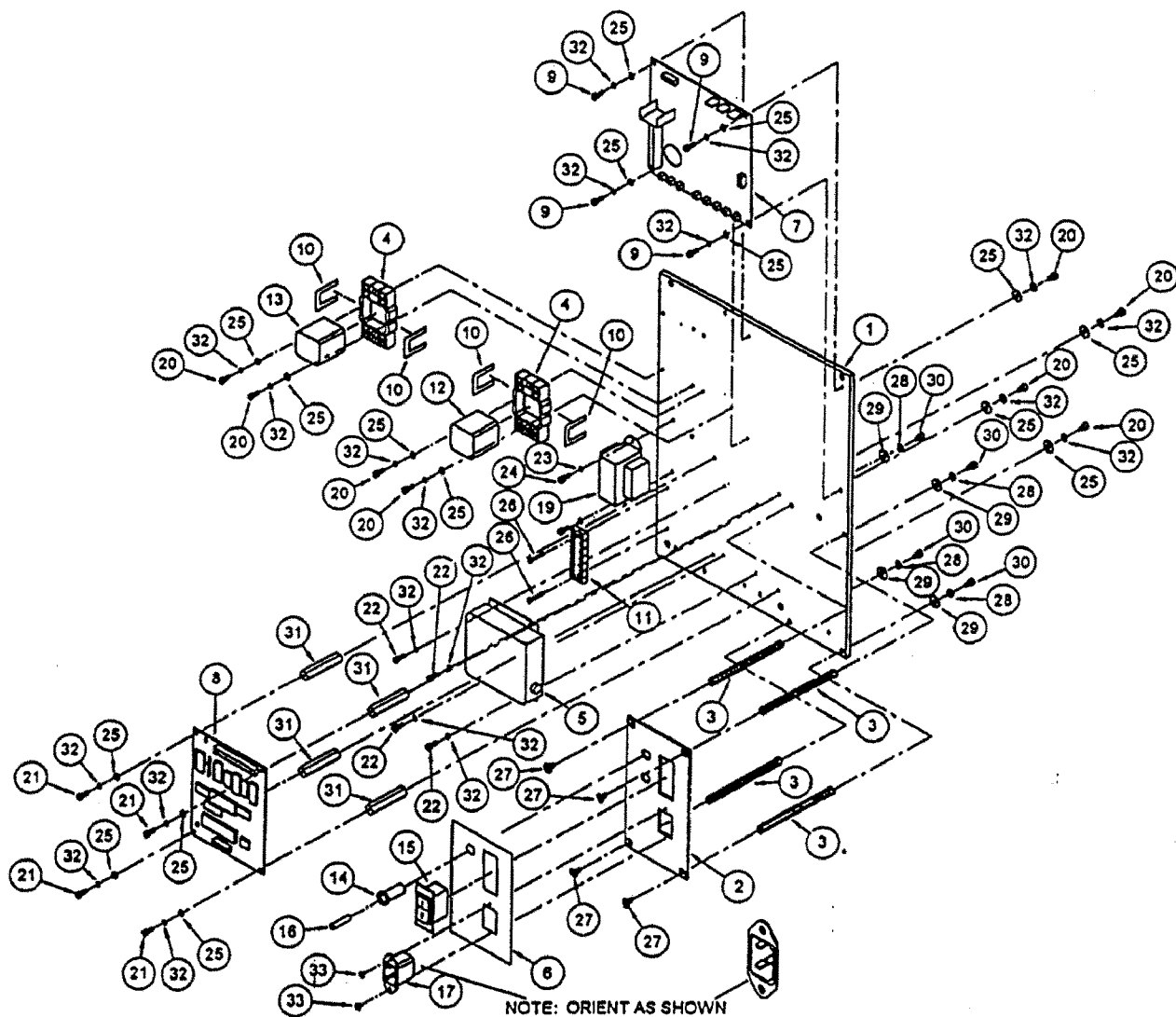


FIGURE 8.6.4 ELECTRICAL PANEL ASSY

FIGURE 8.6.4

#	GBC#	ASTERISK#	DESCRIPTION	QTY
1	1774709	P2063000	E PANEL	1
2	1774702	P2053000	POWER INLET PLATE	1
3	1774670	P2012000	INLET PANEL STANGOFF	4
4	1771399	4H200000	SQUARE RELAY SOCKET 11 PIN 300 VAC 15A	2
5	1771410	4ZPST101	LINE FILTER	1
6	9950238	3VGBC039	AP2 POWER INLET LABEL	1
7	1774517	4ZCBA007	IO CIRCUIT BD ASSY	1
8	1774516	4ZCBA006	CPU CIRCUIT BD ASSY (OBSOLETE)	1
*	1771501		CPU BOARD W/O EPROM	1
	1771520		AP2 EPROM	1
	1771502		AP2 ULTRA EPROM	1
9	1730418	32SHSC63	SOCKET CAP SCREW 6-32 X 5/8	4
10	9950052	4H300001	HOLDDOWN SPRING	4
11	1774660	AP658000	TERMINAL BLOCK 7 POSITION	1
12	9950051	4H100006	3 PDT RELAY	1
13	6240007	4H1000005	SQUARE BASE SOCKET MOUNT RELAY 3PDT	1
14	1132343	4FZPM001	SLOTTED PANEL FUSE HOLDER ¼ X 1 ¼	1
15	9950239	4FBETA02	CIRCUIT BREAKER DPST 10 A	1
16	9950049	4F660025	SLOW BLO FUSE .250A 250V	1
17	9950039	45SHU001	AC INLET CONNECTOR	1
18	1730503		POWER CORD (NOT SHOWN)	1
19	6207003	4PSGN001	TRANSFORMER	1
20	1980029	32SHSC50	SOCKET CAP SCREW 6-32 X ½	8
21	1730417	32SHSC44	SOCKET CAP SCREW 6-32 X 7/16	4
22	1980028	32SHSC38	SOCKET CAP SCREW 6-32 X 3/8	4
23	1926062	30SLW008	SPRING LOCK WASHER #8	2
24	1980047	32SHSE38	SOCKET CAP SCREW 8-32 X 3/8	2
25	1730386	30FMS116	FLAT WASHER	4
26		32SHCC75	SOCKET CAP SCREW 6-32 X ¾	2
27	1980479	32FHSF38	FLAT HD SOCKET CAP SCREW 10-32 X 3/8	4
28	1926063	30SLW010	SPRING LOCK WASHER 3 10	4
29	1925060	30FMS130	FLAT WASHER	4
30	1980072	32SHSF50	SOCKET CAP SCREW 10 – 32 X ½	4
31	1771413	3DHSB46W	HEX STANDOFF	4
32	1926061	30SLW006	SPRING LOCK WASHER #6	20
33	1980432	32FHSC38	FLAT HD SOCKET CAP SCREW 6-32 X 3/8	2
34		2TLA242	THREAD LOCKING ADHESIVE	1
	6202025		ON / OFF ROCKER SWITCH 20 AMP	1
	9950367	4F661000	SLO-BLO FUSE 10AMP (INTERNATIONAL ONLY)	1
	9950365	4H100006	SAFETY RELAY (INTERNATIONAL ONLY)	1

***DOES NOT COME WITH EPROM, MUST ORDER SEPERATELY.**

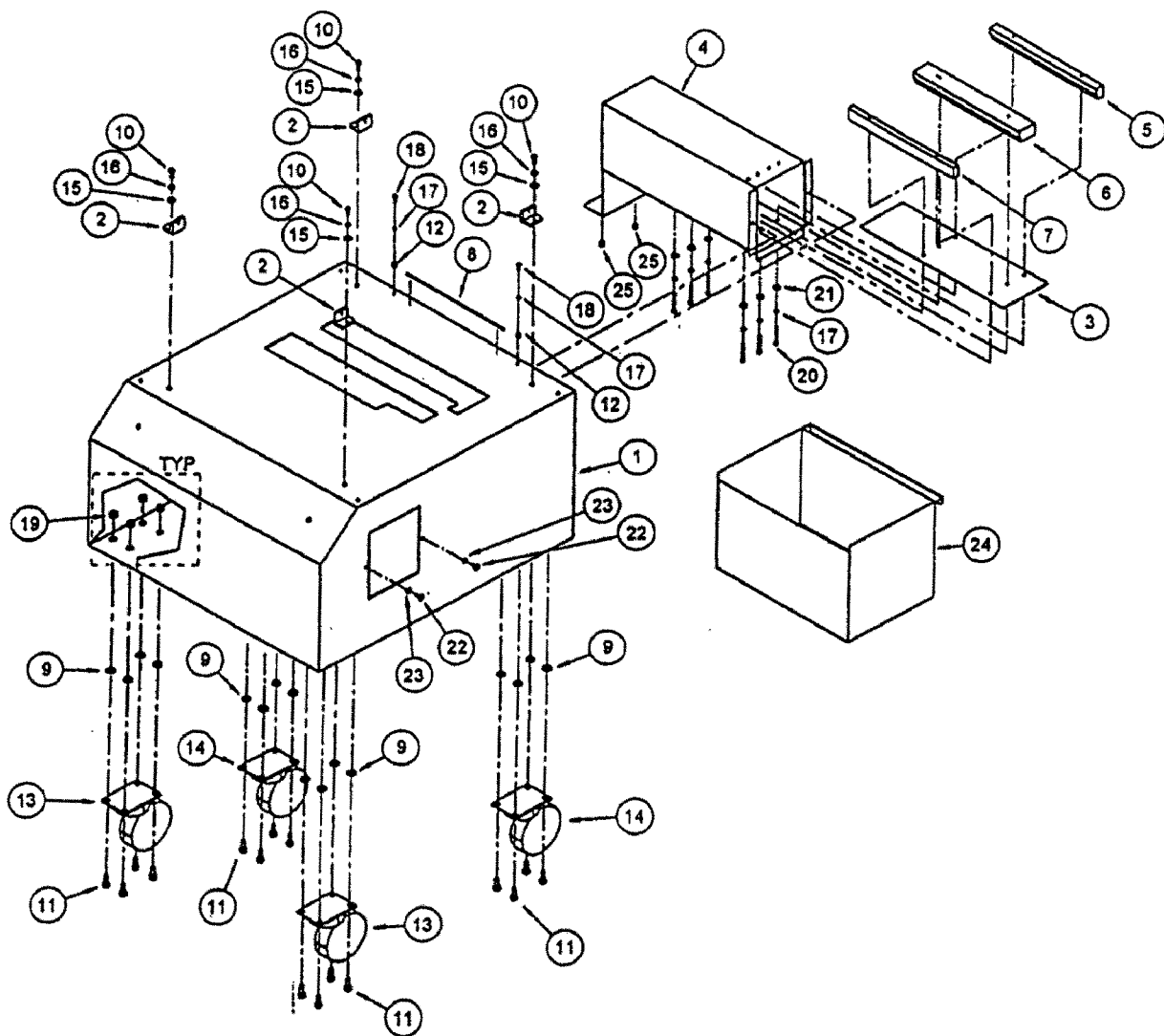


FIGURE 8.7.0 BASE ASSEMBLY

FIGURE 8.7.0

#	GBC#	ASTERISK#	DESCRIPTION	QTY
	1774824	P2A50000	BASE ASSY (CONTAINS 1 THRU 25)	1
1	1774733	P2093000	BASE	1
2	1774779	P2181000	BASE MOUNT BRACKET	4
3	1774845	P2019000	SHEET	1
4	1774851	P2106000	DIE SET STORAGE BOX	1
5	1774853	P2115000	DIE BOX RAIL 1	1
6	1774854	P2117000	DIE BOX RAIL 2	1
7	1774855	P2118000	DIE BOX RAIL 3	1
8	9960000	2ZADFSR2	SPONGE RUBBER STRIP	10
9	1925182	30FT8031	GRADE 8 FLAT WASHER	16
10	1980304	32BHSI63	BUTTON HD SOCKET CAP SCREW ¼ 20 X 5/8	4
11	1951991	32HHSK75	HEX HD SCREW 5/16 – 18 X ¾	16
12	1924829	3CRSB6A6	ROUND SPACER	2
13	9950104	3PCST007	SWIVEL CASTOR (LOCKING)	2
14	1730490	3PCST008	RIGID PLATE CASTOR	2
15	1730640	30FAN160	FLAT WASHER	4
16	1926064	30SLW025	SPRING LOCK WASHER ¼	4
17	1926063	30SLW010	SPRING LOCK WASHER #10	8
18	1980074	32SHSF63	SOCKET CAP SCREW 10-32 X 5/8	2
19		33HJSC18	HEX JAM NUT 5/16 – 8	16
20	1980077	32SHSFA0	SOCKET CAP SCREW 10 – 32 X 1	6
21	1925060	30FMS130	FLAT WASHER # 10	6
22	1980303	32BHSI50	BUTTON HD SOCKET CAP SCREW ¼ - 20 X ½	2
23	1925224	31NYF140	NYLON FLAT WASHER	2
24	1774781	P2183000	WASTE BIN	1
25	0147003000	3QSTA025	SOLID STEM BUMPER	2

FIGURE 8.8.0

#	GBC#	ASTERISK#	DESCRIPTION	QTY
	1774879	P2A78A00	J302 CABLE	1
	1774880	P2A79000	J303 CABLE	1
	1774881	P2A80000	PANEL / STACKER CABLE	1
	1774882	P2A81000	J304 CABLE	1
	1774883	P2A82000	J2 CABLE	1
	1774884	P2A83000	J1 CABLE	1
	1774637	P2A84000	PHOTOSENSOR CABLE	4
	1774858	P2A85000	LCD RIBBON CABLE	1
	1774770	P2A86A00	VX CABLE LONG	1
		P2A86B00	VX CABLE SHORT	1
	1774865	P2A88000	STACKER MOTOR AND HARNESS	1
	1774859	P2A89000	CPU TO I/O RIBBON CABLE	1

AP-2/ULTRA DIE SETS

DIE SET P/N	DESCRIPTION	PUNCH PIN P/N	PIN QTY
0177497000	GBC Cerlox, 19 Hole	0131009900	21
0177497400	GBC Cerlox, 20 Hole	0131009900	20
0177498400	Color Coil, 4:1 .250 Pitch, Round .172 Dia.	0177147200	48
0177499300	Color Coil, 4:1 .2475 Pitch, Round .172 Dia.	0177147200	48
0177498200	Twin-Loop, 2:1 Rectangular	0177147700	23
0177499100	Twin-Loop, 3:1 Square .156	0177147800	34
0177498600	Twin-Loop, 2:1 Round .250 Dia.	0177150300	23
0177497200	GBC Cerlox, Oversize 21 Hole	0177150500	21
0177499200	Twin-Loop, 3:1 Round .156 Dia.	0177151100	34
0177498000	3-5-7 Round Hole .312 Dia.	0177155000	7
0177498500	Color Coil, 5:1 .140 Dia.	0177156000	60
0177498100	VeloBind (A4 Only) .125 Dia.	0177158500	12
0177499400	VeloBind 11" .125 Dia.	0177158500	11
0177499800	SureBind, A4 .125 Dia	0177158500	10
0177487400	Color Coil, 4:1 .2475 Pitch, Oversize Oval .197 Dia.	0177401300	48
0177489300	Color Coil, 4:1 .250 Pitch, Oversize Oval .197 Dia.	0177401300	48

NOTE: These are the **ONLY PUNCH PINS** GBC offers for the above AP2/ULTRA Die Sets. The AP2 Die Sets *cannot be re-sharpened*.

Sorted by Punch Pin number.

