

ISP S3A Stitcher

Parts List



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ISP S3A STITCHER PARTS LIST



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PARTS LIST

Section 5

NOTE

The exploded view illustrated on this page contains all the parts in the stitching head of your ISP S3A Book Stitcher. Additional pages of parts and parts listing are provided to aid in maintenance, adjustments and the ordering of replacement parts.

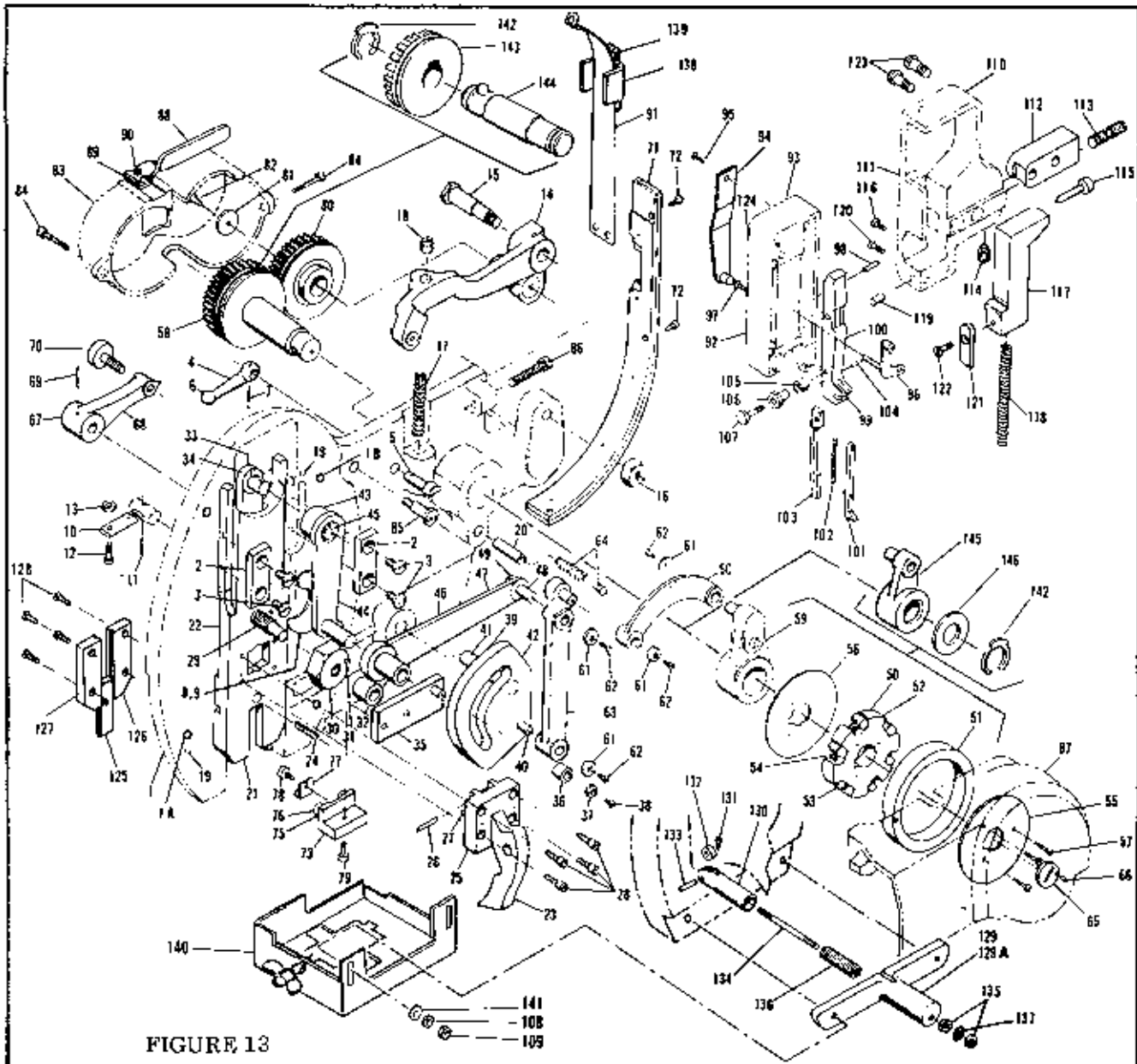


FIGURE 13

How to Order Replacement Parts . . . (DO NOT ORDER BY INDEX NUMBER)

When ordering parts, please state: Quantity required, part number, part name, model, wire size and crown width of your stitcher. For ex-

ample: One D-30629 Flat Knife for Model S3A Book Stitcher, Wire Size No. 25, Crown Width 7/16".

PARTS LIST

Section 5

NOTE

Indented part numbers are components of the assembly listed above them. They may be ordered separately, or ordered as a complete assembly when using the part number

identifying the assembly.

* Is a complete assembly, but individual parts through Index 107 can be ordered separately.

Index Number	Part Number	Part Name	Number Required	Index Number	Part Number	Part Name	Number Required
1	D-30193-A	Faceplate Assembly (incl. 2,3,19)	1	* 51	D-30106-F	Clutch Ring	1
1A	D-38178-F	Lower Plate Screw	2	* 52	D-30107-F	Clutch Spider (Obsolete)	1
1B	D-33841-F	Upper Plate Screw	2	* 53	D-30625-F	Clutch Roller	6
2	D-30084-F	Former Slide Gib	2	* 54	D-30440-F	Clutch Spring	6
3	D-8520-F	Gib Screw	4	* 55	D-30098-F	Front Plate	1
4	D-36459-A	Feed Control Assembly	1	* 56	D-30097-F	Back Plate	1
5	D-30210-F	Feed Control Spindle	1	* 57	D-30539-F	Screw	3
6	D-30090	Lever	1	* 58	D-30224-A	Feed Gear Shaft Assembly	1
7	D-40936-F	Roll Pin	1	* 59	D-30235-A	Feed Clutch Arm Assembly	1
8	D-31217-A	Tilter Crank Assembly	1	60	D-30095-F	Third Wire Draw Bar	1
9	D-31043-F	Tilter Crank (only)	1	61	D-30601-F	Washer	4
10	D-30212-F	Arm	1	62	D-30338-F	Screw	6
11	D-38062-F	Roll Pin	1	63	D-30198-A	Intermediate Wire Draw Bar Assembly	1
12	D-30614-F	Adjusting Screw	1	64	D-30236-A	Clutch Brake Spring Assembly	1
13	D-30085-F	Adjusting Screw Locknut	1	* 65	D-30190-F	Feed Clutch Screw	1
14	D-30231-A	Feed Idler Lever Assembly	1	* 66	D-30538-F	Set Screw	1
15	D-30016-F	Fulcrum Screw	1	67	D-37731-A	Wire Feed Index Lever Assembly	1
16	D-30541-F	Nut	1	68	D-30083-F	Index Lever	1
17	D-37014-F	Idler Lever Spring	1	69	D-37751-F	Roll Pin	1
18	D-30613-F	Adjusting Screw	1	70	D-36455-F	Lock Screw	1
19	D-30610-F	Faceplate Dowel Pin	2	71	C-9033-A	Wire Feed Tube Assembly	1
20	D-30611-F	Friction Tube	1	72	CB-624	Screw	2
21	C-8861-A	Former Slide Assembly	1	73	D-31259-A	Wire Straightener Assembly	1
22	C-8860-F	Former Slide (only)	1	74	D-30213-F	Body	1
23	D-36994-F	Shoe	1	75	D-30010-F	Stud	2
24	D-31956-F	Shoe Spring	1	76	D-30616-F	Roller	2
25	D-31980-F	Shoe Bracket	1	77	D-30200-F	Slide	1
26	D-32109-F	Shoe Fulcrum Pin	1	78	D-43086-F	Slide Screw	1
27	D-30609-F	Dowel Pin	2	79	D-30618-F	Screw	1
28	D-11790-F	Shoe Bracket Screw	4	80	D-30225-F	Idler Gear	1
29	D-30191-F	Cam Roller Stud	1	81	D-30015-F	Washer	1
30	D-30626-F	Cam Roller Stud Nut	1	82	D-30602-F	Screw	1
31	D-30609-F	Dowel Pin	1	83	C-8001-F	Feed Gear Guard	1
32	D-30087-F	Cam Roller	1	84	D-30605-F	Screw	2
33	C-8054-F	Drive Bar (only)	1	85	D-30203-F	Guard Screw	1
34	C-8075-A	Drive Bar Assembly	1	86	D-30586-F	Screw	1
	D-30202-F	Anvil Bar Tilter	1	87	C-8003-F	Wire Feed Guard	1
	D-30338-F	Screw	2	88	D-38180-F	Wire Feed Cutter Handle	1
35	D-30056-A	Cutter Block Slide Assembly	1	89	D-30099-F	Cutter Knife	2
36	D-30088-F	Roller	1	90	D-36448-F	Cutter Knife Screw	1
37	D-30599-F	Washer	1	91	D-36451-A	Spring Wire Guide Assembly	1
38	D-30518-F	Screw	1	92	B-6786-A	Front Block Assembly	1
39	D-30223-A	Control Cam Assembly	1	93	C-8924-A	Front Block and Pin	1
40	D-30012-F	Stud	1	94	D-36444-A	Mandrel Spring Assembly	1
41	D-30076-F	Spindle	1	95	D-36442-F	Mandrel Spring Screw	1
42	D-37751-F	Roll Pin	1	96	D-30222-A	Gripper Lifter Crank Assembly	1
43	D-30237-A	Driver Bar Connecting Link Assembly	1	97	D-36449-F	Gripper Lifter Crank Screw	1
44	D-30127-A	Link	1	98	D-30635-F	Mandrel Pivot Screw	1
45	D-30208-F	Eccentric	1	* 99	D-30228-A	Mandrel Assembly	1
46	D-30114-A	First Wire Draw Bar Assembly	1	100	C-8009-F	Mandrel	1
47	D-30096-F	Wire Draw Bar	1	101	D-30117-F	Gripper	1
48	D-30624-F	Stud	1	102	D-36420-A	Spring Plug Assembly	1
49	D-16651-F	Nut	1	103	D-30034-F	Retaining Block	1
* 50	D-30115-A	(Replaced by CB88-3000-P4)	1	104	D-30631	Pin	1

PARTS LIST

Stitching Head Assemblies

Index Number	Part Number	Part Name	Number Required	Index Number	Part Number	Part Name	Number Required
105	D30936F	Roller	1	128	D30523F	Former Screws	4
106	D30931F	Eccentric	1	129	D36993A	Shoe Plunger Bracket Assembly	1
107	D36460F	Eccentric Screw	1	129A	D30161F	Bracket (only)	1
108	D13260F	Lock Washer	2	130	D31310F	Plunger	1
109	D30575F	Nut	2	131	D38065F	Screw	1
110	B6066A	Cutter Block Assembly	1	132	D31903F	Roller	1
111	C8006F	Cutter Block (only)	1	133	D31904F	Roller Pin	1
112	D36458F	Adjusting Slide	1	134	D31302F	Plunger Stud	1
113	D36445F	Adjusting Screw	1	135	D13931D	Jam Nut	2
114	D36441F	Lock Screw	1	136	D48961F	Plunger Spring	1
115	S30058F	Wire Guide	1	137	D52891F	Lock Washer	1
116	D36447F	Wire Guide Screw	1	138	D38152F	Wiper Body	1
117	D30026F	Flat Knife Holder	1	139	D38154F	Felt Wiper	1
118	D30425F	Knife Holder Spring	1	140	CDD3011	Finger Guard Bracket Assembly	1
119	D30630F	Round Die (round wire)	1	141	CB175	Flat Washer	2
119	D30253F	Round Die (flat wire)	1	142*	CD2391	Klip Ring	2
120	CB56i	Round Die Screw	1	143*	CD2347B	Feed Gear	1
121	D30629F	Flat Knife	1	144*	CDD2345B	Feed Gear Shaft	1
122	CB312B	Flat Knife Screw	1	145*	CDD1283A	Feed Clutch Arm Assembly	1
123	D36446F	Attaching Screw	2	146*	CB2063	Thrust Washer	1
124	D36453F	Attaching Screw - Front Block	2				
125	D30189F	Driver, 7/16" Crown, No. 25 Wire (round)	1				
125	D30956F	Driver, 7/16" Crown, No. 20 x 25 Wire (flat)	1				
125	D34001F	Driver, 7/16" Crown, No. 19 x 21½ Wire (flat)	1				
126	D30205F	L.H. Former, No. 25 Wire (round)	1				
126	D37422F	L.H. Former, No. 19 x 21½ Wire (flat)	1				
126	D30952F	L.H. Former, No. 20 x 25 Wire (flat)	1				
127	D30188F	R.H. Former, No. 25 Wire (round)	1				
127	D37421F	R.H. Former, No. 19 x 21½ Wire (flat)	1				
127	D30953F	R.H. Former, No. 20 x 25 Wire (flat)	1				

*Use index number 58, 59, 56, 50, 52, 54, 53, 51, 57, 66, 65, for machines equipped with one piece feed gear and shaft assembly (index No. 58).

Use index numbers 142, 143, 144, 145, 146, for machines equipped with 2 piece feed gear and shaft.

these parts can be ordered as a kit: Use part No. CBBB3000P4.

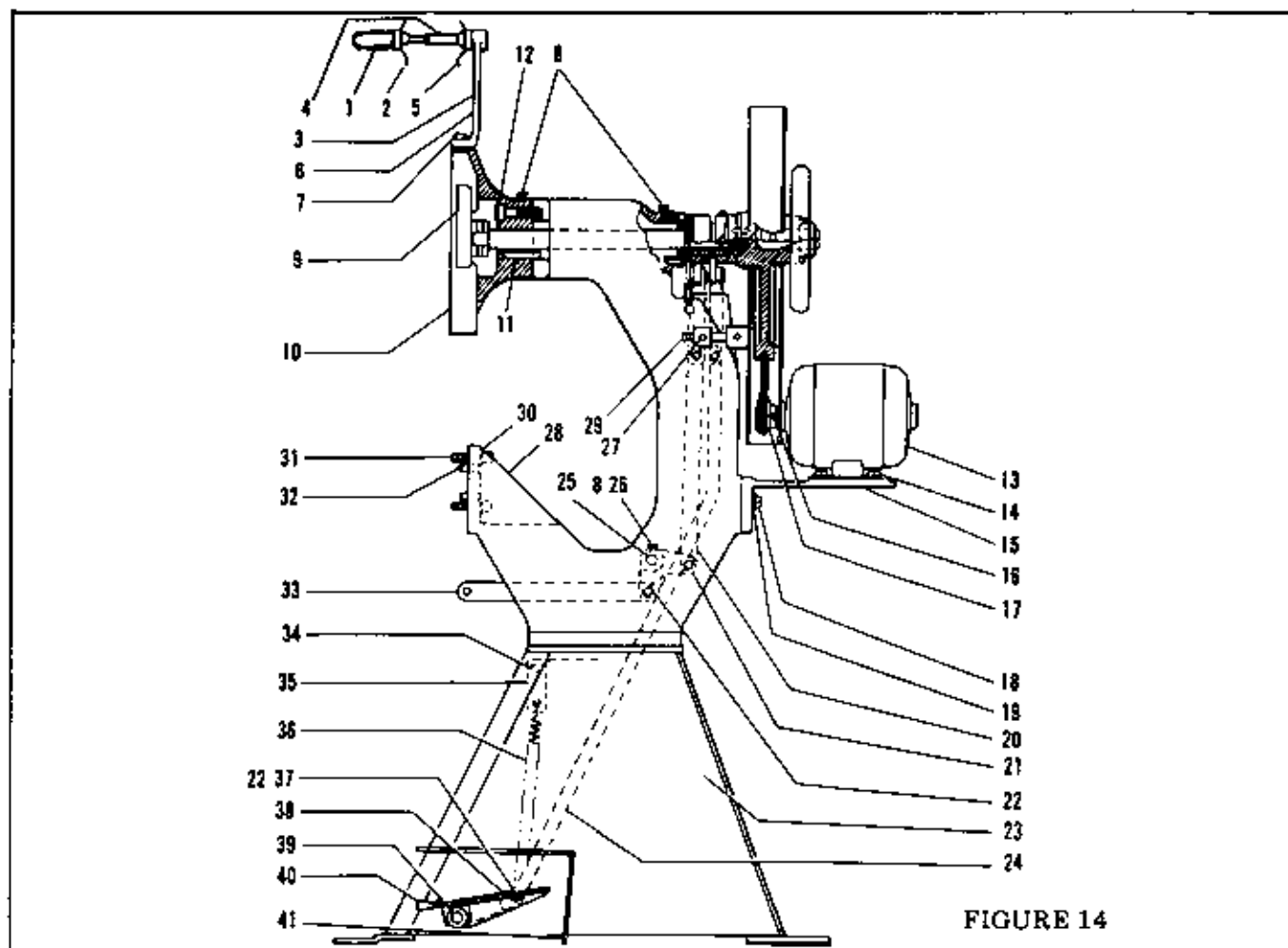


FIGURE 14

Index Number	Part Number	Part Name	Number Required	Index Number	Part Number	Part Name	Number Required
1	CN-56	Spindle Knob	1	25	D-30066-F	Bell Crank Fulcrum Pin	1
2	D-31051-A	Front Spider Assembly	1	26	CB-722	Set Screw	2
3	CNN-11	Wire Spool Bracket Assembly	1	27	CB-138	1/4-20 x 3/8" Set Screw	4
4	D-30075-F	Spindle	1		CB-841	Nylon Plug	2
5	D-31096-A	Rear Spider Assembly	1	28	CN-2	Top Frame	1
6	CN-11	Wire Spool Bracket (only)	1	29	CN-7	Pulley Guard Stud	2
7	CB-1385	Oiler Screw	1	30	CB-865	Washer	4
8	CB-487-B	1/4-20 x 1" Hex Hd. Capscrew	1	31	CB-192-C	7/16-14 x 1-1/2" Soc. Hd. Capscrew	4
9	CB-45	Oil Cup	3	32	CE-103	3/8 x 1-1/2" Dowel Pin	2
10	CNN-4	Drive Shaft and Cam Assembly	1	33	D-37741-A	Horizontal Connecting Bar Assembly	1
11	CN-497-K	Neck Extension	1	34	CB-379	1/2-13 x 2" Soc. Hd. Capscrew	4
12	CB-1244	3/8 x 2" Dowel Pin	2	35	CE-40	Spring Anchor	1
13	CB-618	1/2-13 x 1-3/4" Soc. Hd. Capscrew	4	36	CE-39	Foot Pedal Spring	1
14		Motor - Give Complete Specifications	1	37	CE-38	Clutch Rod Pin	1
15	CB-35-A	5/16-18 x 5/8" Hex Hd. Capscrew	4	38	CE-29	Clutch Rod Lever	1
16	CA-6	Motor Bracket	1	39	CA-14-A	Foot Pedal Shaft	1
17	CB-177	Set Screw	1		CA-112	Taper Pin	2
18	CB-176-A	Motor Pulley	1		CA-102	Collar	1
19	CB-375	3/8-16 x 1-1/4" Hex Hd. Capscrew	2		CA-47	Set Screw	1
20	CB-179	Washer	2		CB-110	5/16-18 x 1" Soc. Hd. Capscrew	2
21	D-37740-A	Vertical Connecting Bar Assembly	1		CO-1742	Bearing	1
22	D-30021-F	Clincher Bell Crank	1		CA-133	Bearing Block	1
23	CB-168	Cotter Pin	5	40	CA-7	Foot Pedal - R.H.	1
24	CA-1-A	Base	1		CA-8	Foot Pedal - L.H.	1
	CN-8	Clutch Operating Bar	1	41	CA-134	Foot Pedal Guard	1

DRIVE SUB-ASSEMBLY

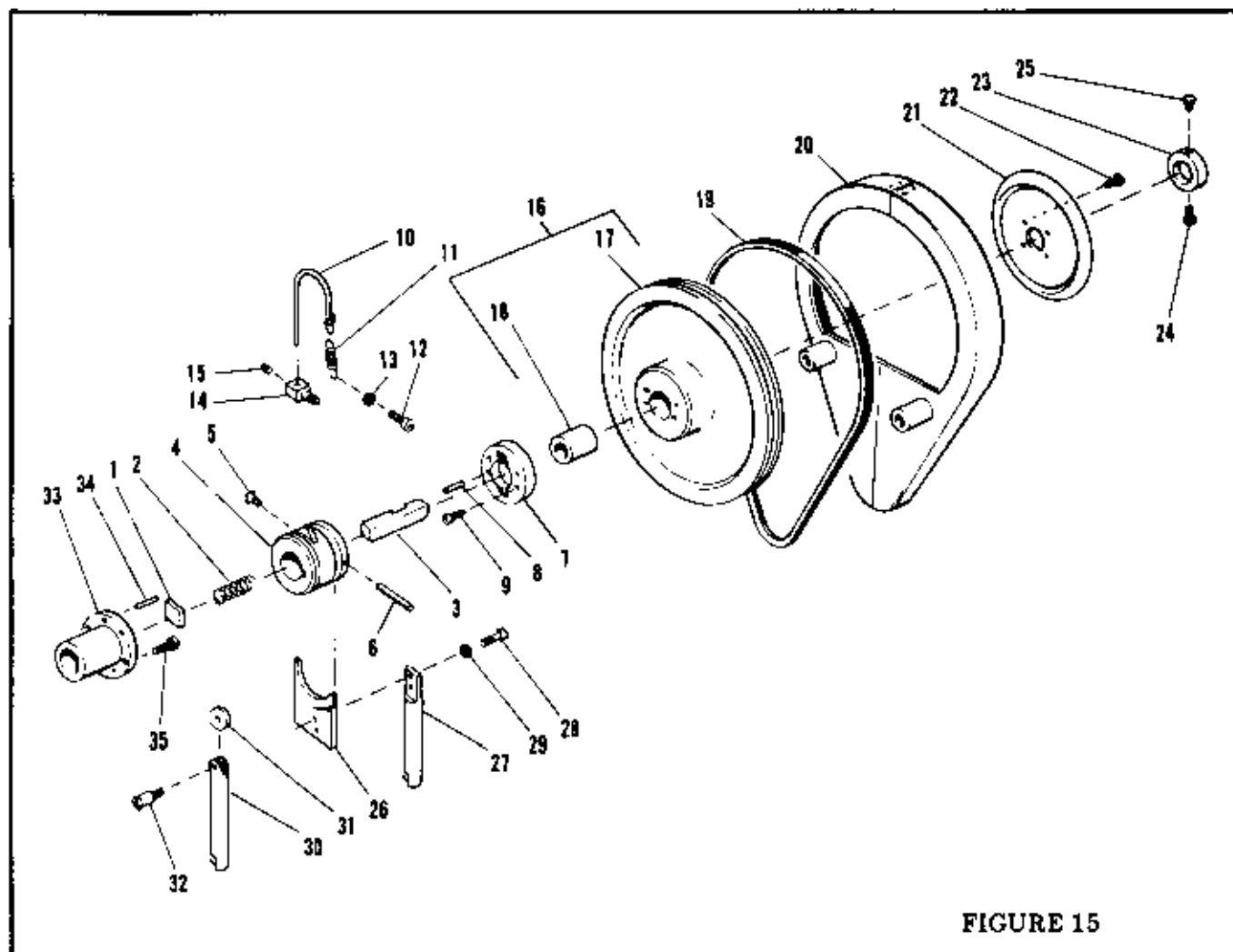


FIGURE 15

Index Number	Part Number	Part Name	Number Required	Index Number	Part Number	Part Name	Number Required
1	D-30645-F	Clutch Bolt Spring Backing	1	19	CN-16	V-Belt	1
2	D-30480-F	Clutch Bolt Spring	1	20	CEEE-73	Guard Assembly	1
3	D-30218-F	Clutch Bolt	1	21	CB-270	Hand Wheel	1
4	D-30220-A	Clutch Coupling Collar Assembly	1	22	CB-126	Screw	4
5	D-30558-F	Oiler	1	23	CN-14-A	Collar	1
6	CB-835-H	Roll Pin	1	24	CB-651	Screw	1
7	D-30086-F	Clutch Face	1	25	CB-45-A	Oiler	1
8	D-30604-F	Clutch Face Pin	2	26	D-30199-F	Clutch Throw-Off	1
9	D-30649-F	Clutch Face Screw	2	27	D-37742-A	Clutch Throw-Off Rod Assembly	1
10	D-38572-F	Brake Strap	1	28	CB-271	Screw	2
11	D-30473-F	Brake Spring	1	29	CB-371	Washer	2
12	CB-629-A	Screw	1	30	D-37739-A	Push Rod Assembly	1
13	D-1020-F	Nut	1	31	D-31843-F	Roller	1
14	D-38558-F	Brake Strap Bracket	1	32	D-30233-F	Screw	1
15	D-30524-F	Set Screw	1	33	CN-5	Bearing	1
16	CNN-20	Drive Wheel and Bushing Assembly	1	34	CB-118	Dowel Pin	4
17	CN-20	Drive Wheel	1	35	CB-77-A	Screw	2
18	CN-29	Bushing	2				

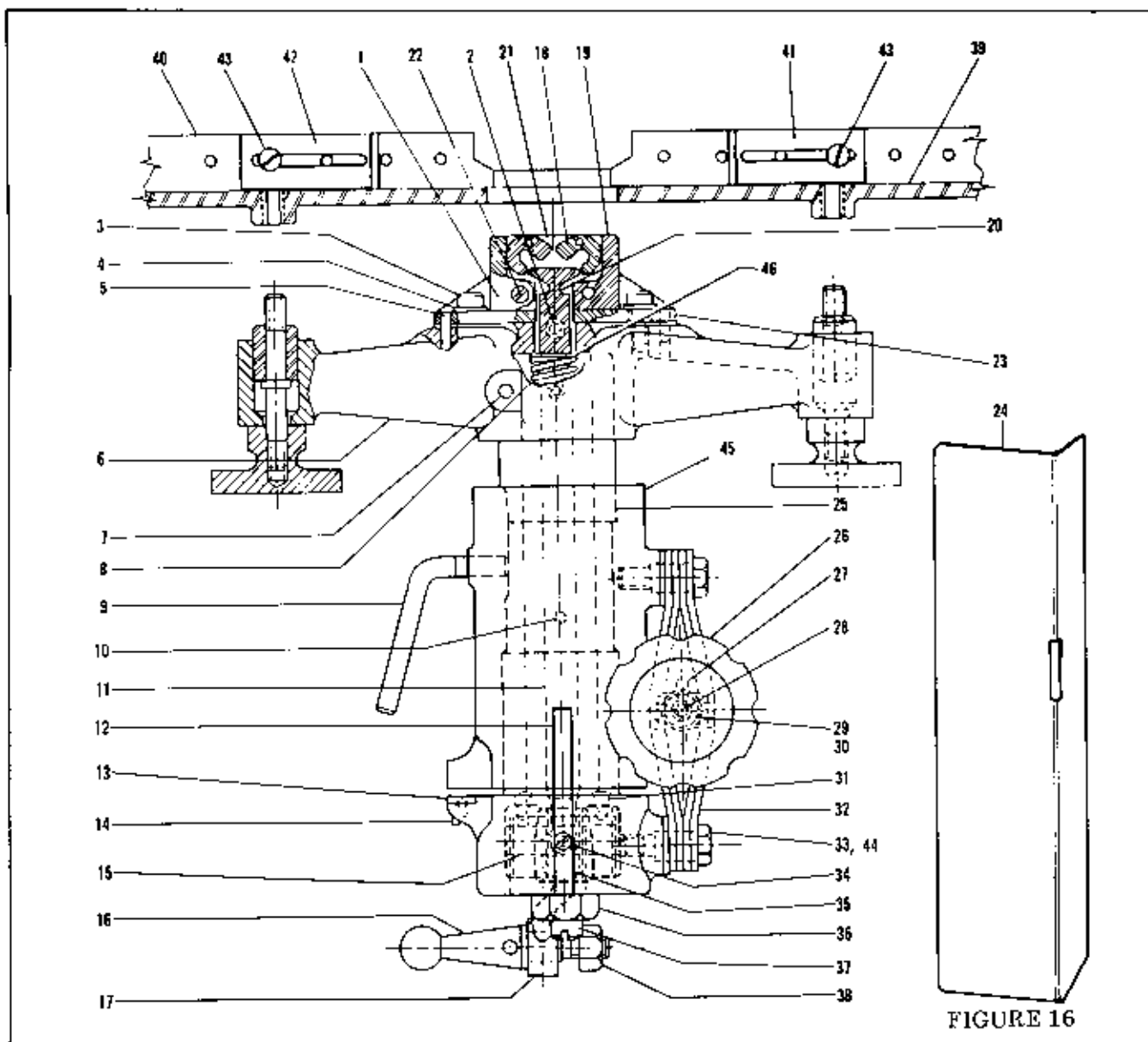


FIGURE 16

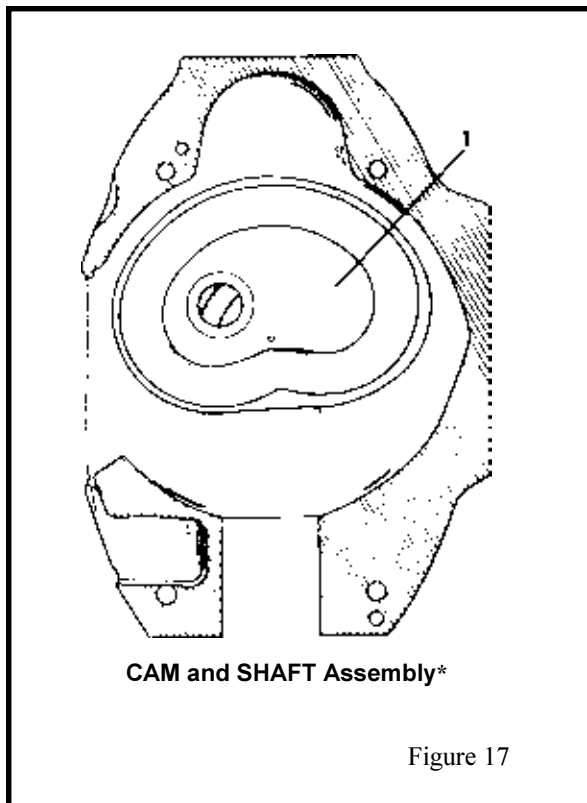
Index Number	Part Number	Part Name	Number Required	Index Number	Part Number	Part Name	Number Required
1	D-30215-F	Clincher Front Plate	1	17	D-30192-F	Clincher Front Bell Crank	1
2	CB-622-A	Clincher Lifter	1	18	D-30108-F	Clincher	2
3	D-30534-F	Screw	2	19	D-30197-F	Side Plate	2
4	D-13260-F	Lockwasher	2	20	D-30110-F	Clincher Lifter	1
5	D-30422-F	Dowel Pin	2	21	D-30216-F	Clincher Back Plate	1
6	C-9039-A	Table Support Assembly	1	22	D-30865-F	Flat Hd. Screw	2
7	CB-835-H	Roll Pin	1	23	D-30072-F	Clincher Box Bracket	1
8	D-30481-F	Clincher Push Rod Spring	1	24	A-2178-A	Saddle Assembly	1
9	D-30037-F	Spindle Lockscrew	1	25	B-6028	Table Raising Spindle	1
10	D-37765-F	Roll Pin	1	26	D-30078-F	Table Adjusting Screw Wheel	1
11	D-30068-F	Clincher Push Rod	1	27	D-38063-F	Roll Pin	1
12	D-30069-F	Thickness Gauge Pointer Bar	1	28	D-30046-F	Table Adjusting Screw	1
13	D-30030-F	Paper Gauge Spacer Block	1	29	D-30074-F	R.H. Toggle Nut	1
14	CB-622-A	Paper Gauge Screw	1	30	D-30070-F	L.H. Toggle Nut	1
15	D-30076-F	Bell Crank Pivot Pin	1	31	D-30542-F	Gits Oiler	2
16	D-36454-F	Bell Crank Handle	1	32	D-30101-F	Toggle Link	1

PARTS LIST

Index Number	Part Number	Part Name	Number Required	Index Number	Part Number	Part Name	Number Required
33	CN-9	Toggle Joint End Screw	2		B-06002-F	Table Bracket	1
34	CB-622-A	Pointer Bar Screw	1		D-05042-F	Screw	6
35	D-30536-F	Screw	1	40	CD-3013	Table Guage	1
36	D-05894-F	Clincher Adjusting Screw Nut	1	41	D-50732-F	Table Guage Angle R.H.	1
37	D-30204-F	Clincher Adjusting Screw	1	42	D-50733-F	Table Guage Angle L.H.	1
38	D-30541-F	Nut	1	43	D-37725-F	Guage Screws	4
39	A-2177-A	Table Assembly includes:		44	CB-253	Washer	2
	B-06067-F	Table	1	45	D-45194-F	Washer	1

NOT SHOWN

CD-3004	Saddle Stop	1	CB-1262	Washer #10	4
CB-375-A	Screw 3/8-16 x 1-1/2 Hex Hd	2	CG-59	Wave Washer	4
D-30541-F	Nut 3/8-16	2	RTM1327C	Interlock Key	2
CD-3002	Key Slide	2	CG-26-A	Screw #10-32 x 1/2 Button Hd	4
CD-3001	Spacer	4	CB-278	Nut #10-32	4
CG-26	Screw #10-32 x 3/8 Button Hd	4			



Index Number	Part Number	Part Name	Number Required
1	CNN-4	Cam & Shaft Assembly	1

*Cam, Pin, and Drive Shaft furnished as an assembly only

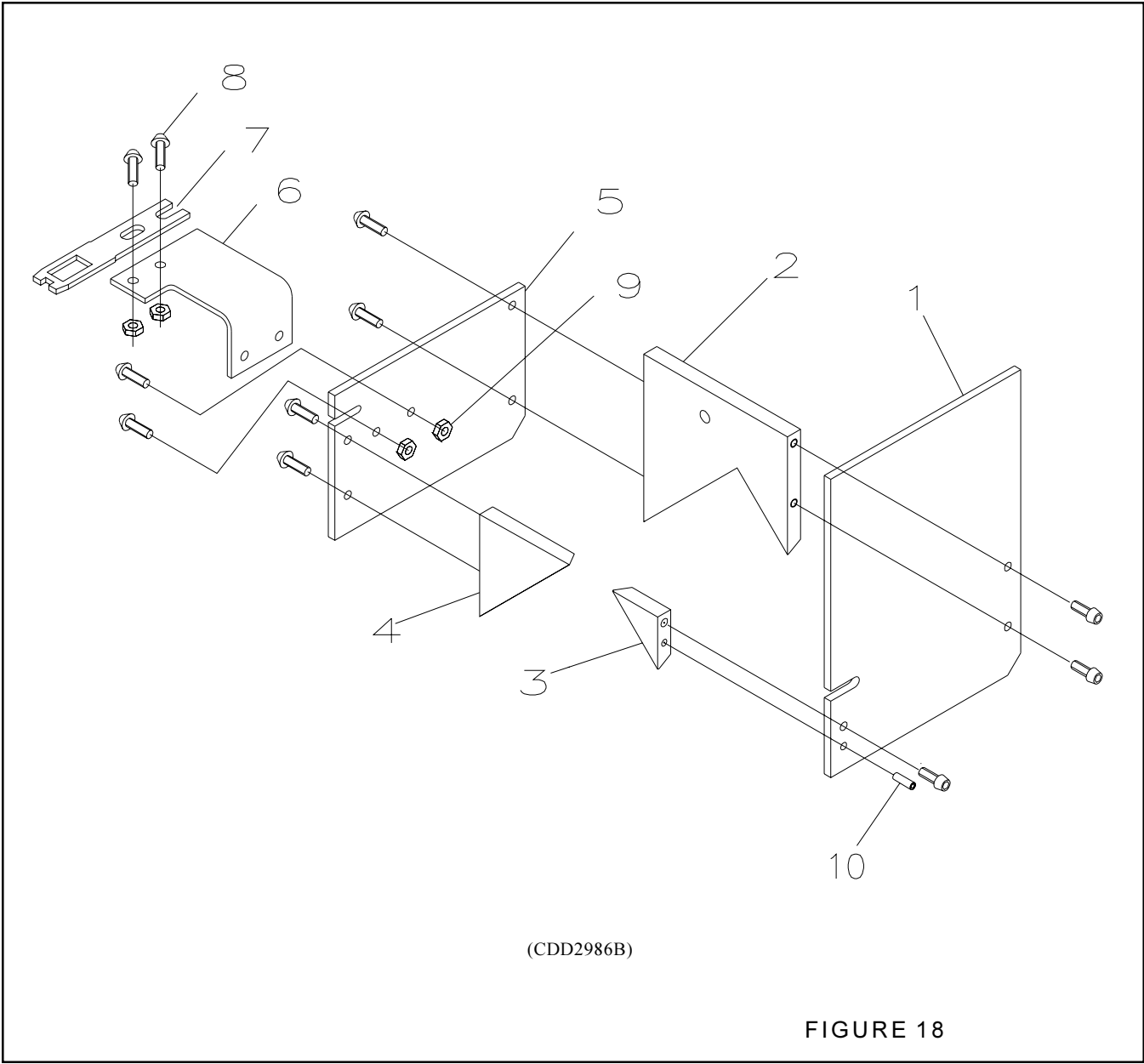
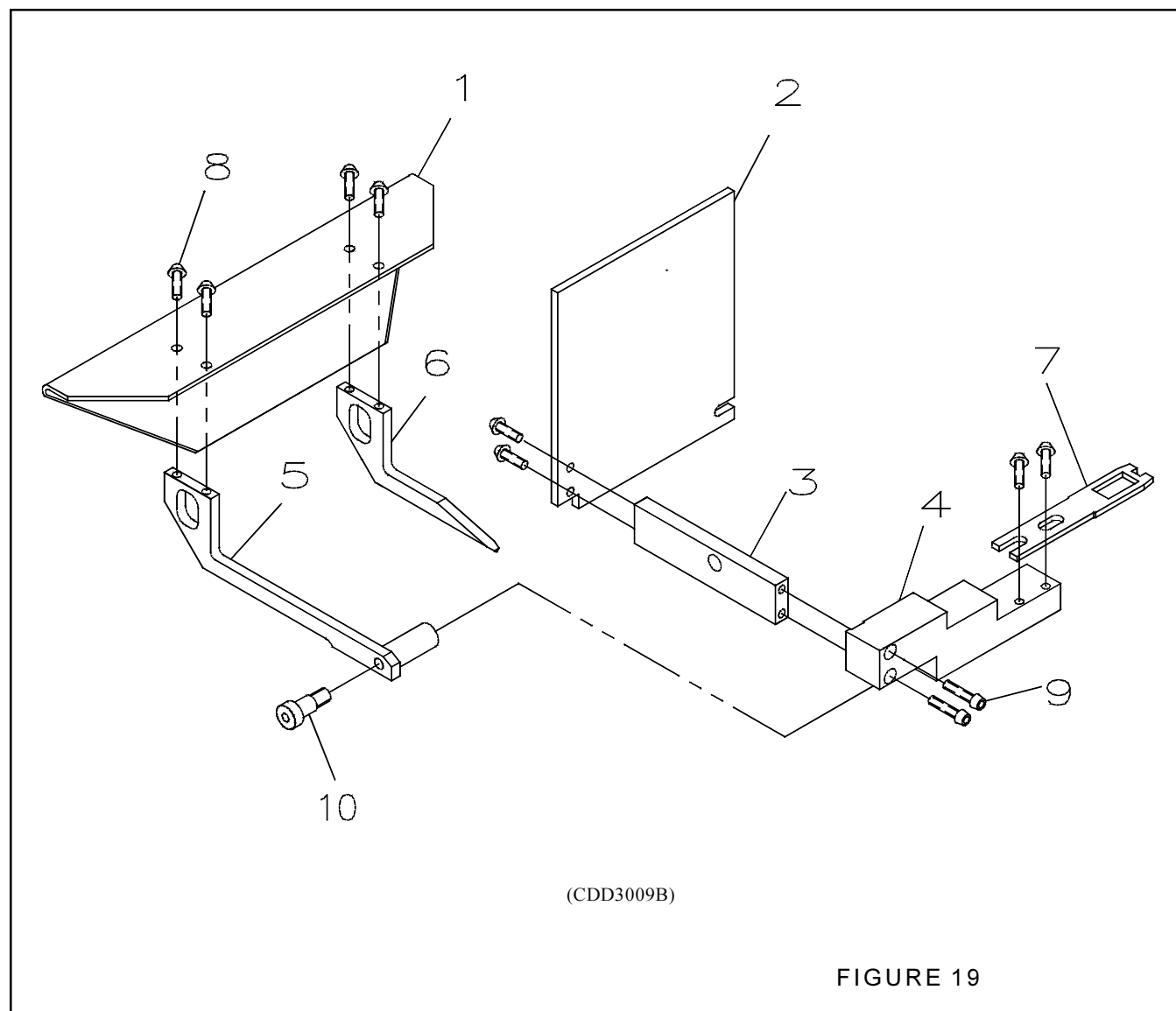


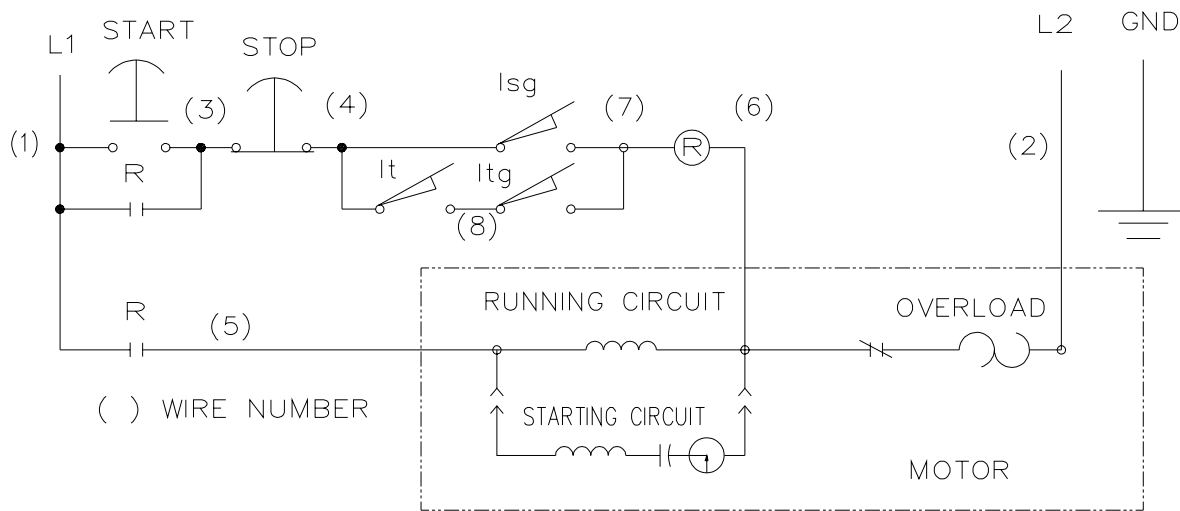
FIGURE 18

Index Number	Part Number	Part Name	Number Required
1	CD-2986	Finger Guard	1
2	CD-2987	Side Guard-RH	1
3	CD-2988	Side Guard-LH	1
4	CD-2989	Side Guard-LH Rear	1
5	CD-2990	Rear Guard	1
6	CD-2992	Key Bracket	1
7	RTM1327C	Interlock Key	1
8	CG-26-A	Screw #10-32 x 1/2 Button Head	11
9	CB-278	Nut #10-32	4
10	D-38062-F	Roll Pin .156x.500 Long	1

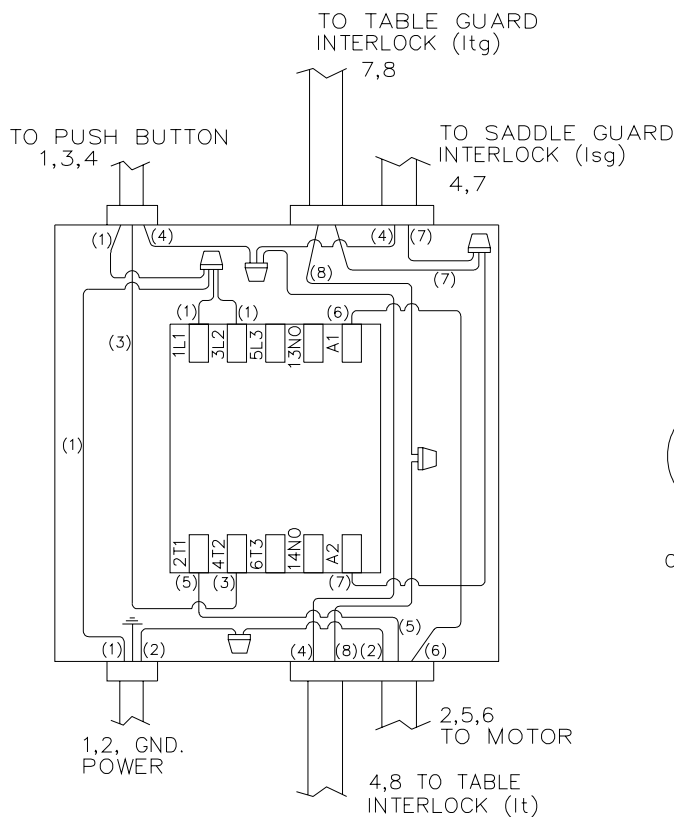


Index Number	Part Number	Part Name	Number Required
1	CD-3009	Finger Guard Gate	1
2	CD-2995	Front Cover	1
3	CD-2996	Mounting Bar	1
4	CD-2997	Support Bar	1
5	CDD-2998	Gate Arm Assembly	1
6	CD-3010	Side Bar	1
7	RTM1327C	Interlock Key	1
8	CG-26-A	Screw #10-32 x 1/2 Button Head	8
9	CB-1090	Screw #10-32 x 1 Soc Hd Cap	2
10	CD-3008	Shoulder Screw	1

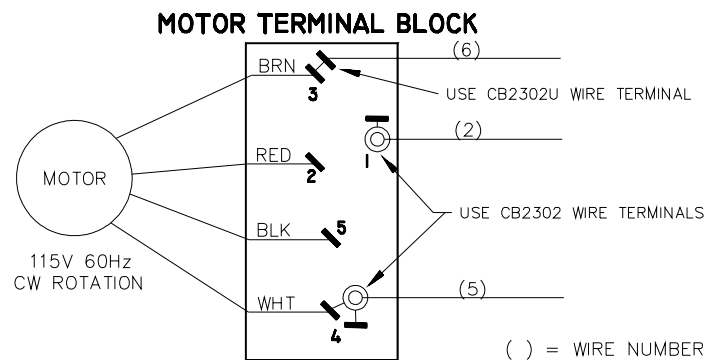
115V, 60HZ., 1 PHASE, POWER



(SK 737W2 Schematic)



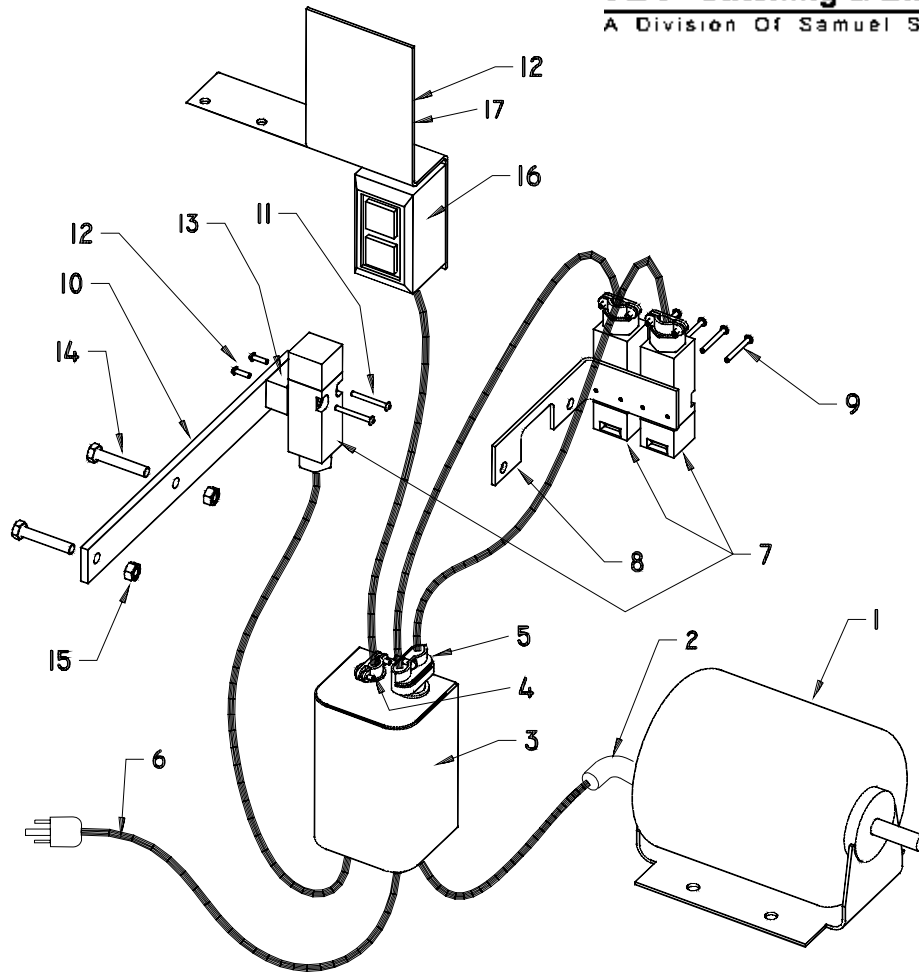
(SK 737W2 Relay Wiring)



(SK 737W2 Motor Wiring)

QTY	PART#	DESCRIPTION
9'	E-14	3/8 FLEX. STL. CONDUIT
25'	EF1309F	14 GA. STR. WIRE BLACK
2'	EF1311F	14 GA. STR. WIRE WHITE
10	D37200F	BUSHING
6	CB2302	PRESSURE TERMINAL
2	ERC55	WIRE JOINT
5	CB2302B	DISCONNECT TERMINAL
3	CB2302	WIRE JOINT
1	CB2302U	DISCONNECT TERMINAL

COLOR	WIRE NUMBER
WHITE	2
BLACK	1,3,4,5,6,7,8
GREEN	GROUND



(SK 737W2 Exploded)

Index Number	Part Number	Part Name	Number Required
1	M3L	MOTOR-1/3 HP. 115V	1
2	CB544	90° CONNECTOR	2
3	CB2454	POWER RELAY	1
	CB2455	RELAY ENCLOSURE	1
	CB126	SCREW #10-32 x 3/8" RD. HEAD (ENCLOSURE FRAME)	2
	CB988	LOCKWASHER #10	2
	CB1070B	GROUNDING SCREW	1
	CB2457	SCREW #8-32 x 1/2" PAN HEAD	1
	CB860J	NUT #8-32 NYLOK	1
4	CB429	CONNECTOR	5
5	D38384F	DUAL CONNECTOR	2
6	CB283	POWER CORD	1
7	RTM1326F	INTERLOCK SWITCH	3
8	CD2991A	SWITCH BRACKET	1
9	RTM1324F	SCREW #6-32 x 1.25" BUTTON HEAD	4
10	CD3003A	SWITCH BRACKET	1
11	RTM1324F	SCREW #6-32 x 1.25" BUTTON HEAD	2
12	CB287E	SCREW #6-32 x 1/2" RD. HD.	2
13	CB3006A	SPACER	1
14	CB620	SCREW 5/16-18 x 1 3/4" HEX	2
15	CB102A	NUT 5/16-18	2
16	CB285K2	PUSH BUTTON SWITCH	1
	CB126	SCREW #10-32 x 1/2 RD. HD.	2
	CB988	LOCKWASHER #10	2
	CB278	NUT #10-32	2
17	CNN57	SWITCH BRACKET	1

INTERLAKE STITCHER S3A

GBC#	VENDOR#	DESCRIPTION
1726309	CA-9083	CLINCHER POINTS