



Frame Details
Model S Form F Interlocking Machine

Model 5 Form F Electric Interlocking Machine

Frame and Cabinet Details

NOTE: Name and location of interlocking plant for which materials are required should be shown on order.

Drawing references are shown for convenience in checking shipping lists and invoices.

Fig. No.	Name	Drawing Reference
Order by plate, figure number and name		
A	Cabinet Complete, specify number of lever spaces.	
B	Leg Complete, for use in intermediate position, includes front leg Fig. 11, rear leg Fig. 42, center girder Fig. 24, cable clip and screws for mounting, screws Fig. 12 and taper pins Fig. 13.	53302-3 Gr. 1
B1	as above, except with holes in legs, for mounting at each end of machine.	53302-3 Gr. 2
1	Plate, for top tier of locking. See Plate G0809 for details and order references.	
2	Plate, for second and third tier of locking. See Plate G0809 for details and order references.	
3	Screw, $\frac{3}{8}$ " x $1\frac{1}{2}$ " rd. hd., for mounting plates Figs. 1 and 2 to frame	2474
4	Taper Pin, No. 7 x $1\frac{3}{4}$ ", for fastening plates Figs. 1 and 2 to frame	13863
5	Screw, $\frac{3}{8}$ "-16 x $1\frac{1}{2}$ ", fil. hd., with washer, for fastening cabinet to frame.	{ 2474-4 43038-1
6	Spacer, $\frac{1}{8}$ " lg., for use between cabinet and frame.	38165-3
7	Bar, for supporting terminal board, for 16 lever intermediate section	53338
7a	as above, except for 16 lever end section.	53338-1
7b	same as Fig. 7, except for 12 lever intermediate section.	53338-2
7c	same as Fig. 7, except for 12 lever end section.	53338-3
7d	same as Fig. 7, except for 16 lever machine only.	53338-4
7e	same as Fig. 7, except for 12 lever machine only.	53338-5
8	Screw, No. 14-24 x $\frac{7}{8}$ " fil. hd., with washer, for mounting bar Fig. 7 to frame.	{ 0504-1 0510
9	Bar Frame, front. Specify number of lever spaces and whether for use with 12 or 16 lever sections.	53328

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Fig. No.	Name	Drawing Reference
Order by plate, figure number and name		
10	Screw, 1/2"-13 x 1 1/4" hex. hd., with lock washer, for fastening bar Fig. 9 to frame.....	3343-2 091
11	Front Leg, as shown, for use in intermediate position.....	53323
11a	as above, except with holes for mounting cabinet, for use at ends of machine.....	53323-1
12	Screw, 1/2"-13 x 1 1/2" hex. hd., with washer for fastening front leg Fig. 11 and rear leg Fig. 42 to center girder Fig. 24.....	2818 091
13	Taper Pin, No. 8 x 2" lg., for fastening front leg Fig. 11 and rear leg Fig. 42 to center girder Fig. 24.....	47224
14	Support, as shown, for cable.....	53737
15	Screw, No. 10-32 x 1 1/4" sq. hd., with nut, for fastening support Fig. 14 to frame.....	40129
16	Screw, No. 10-32 x 5/8" fl. hd., with hex. nut and washers, for fastening cabinet to lamp case.....	2439-1 38239-1 0622-1 0325-15
16a	as above, except No. 10-32 x 1 3/4" fl. hd., with hex. nut and washers, for fastening cabinet to bracket. For use at ends of machine only.....	38239-1 40791 0622-1
17	Bar Frame, upper front, for use with 16 lever section.....	53328
17a	as above, except for use with 12 lever section.....	53328-1
18	Guide Plate, for levers, for 16 lever intermediate section.....	53326
18a	as above, except for 16 lever, right hand end section.....	53326-1
18b	same as Fig. 18, except for 16 lever, left hand end section.....	53326-2
18c	same as Fig. 18, except for 12 lever, intermediate section.....	53326-3
18d	same as Fig. 18, except for 12 lever, right hand end section.....	53326-4
18e	same as Fig. 18, except for 12 lever, left hand end section.....	53326-5
18f	same as Fig. 18, except for 16 lever machine only.....	53326-8

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Fig. No.	Name	Drawing Reference
Order by plate, figure number and name		
18g	same as Fig. 18, except for 12 lever machine only.....	53326-9
19	Block, for levers.....	53384
20	Screw, No. 10-32 x $\frac{5}{8}$ " fl. hd., with washer, for block Fig. 17.....	{ 0327-1 34494-1
21	Stud, for guide plate.....	2628-2
22	Bar Lock, for guide plate, for use with 16 lever section.....	53339
22a	as above, except for use with 12 lever section.....	53339-1
23	Screw, No. 10-32 x $1\frac{1}{4}$ " fl. hd., for fastening bar lock Fig. 22 to lever guide Fig. 18.....	34053
24	Center Girder, as shown, for interlocking machine frame.....	53325-4
25	Bar, support for controller, for use with 16 lever section.....	53331
25a	as above, except for use with 12 lever section.....	53331-1
26	Screw, No. 14-24 x $\frac{3}{4}$ " fl. hd., with washer, for mounting bar Fig. 25 to frame.....	{ 8150-1 0510
27	Rod, $\frac{1}{4}$ " dia. for supporting wires. Specify number of lever sections.....	17689
28	Nut, No. 14-24 x $\frac{3}{16}$ " hex., with washer, for rod Fig. 27.....	{ 50637 0510
29	Bracket, as shown, for supporting cabinet and polarized relays.....	53333-5
30	Screw, No. 14-24 x $\frac{7}{8}$ " hex. hd., with washer, for fastening bracket Fig. 29 to frame.....	{ 12527-1 0510
31	Screw, $\frac{3}{8}$ "-16 x $2\frac{1}{4}$ " fl. hd., with washer, for fastening cabinet to frame.....	{ 2474-5 43038-1
32	Spacer, $1\frac{7}{16}$ " lg., for use between cabinet and frame.....	38165-5
33	Bracket, as shown, support for cabinet.....	53405-1
34	Bar, for supporting fuse and resistor boards, for use with 16 lever section.....	53330
34a	as above, except for use with 12 lever section.....	53330-1
35	Screw, No. 14-24 x $\frac{7}{8}$ " fl. hd., for fastening bar Fig. 34 to frame.....	0380-11

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Fig. No.	Name	Drawing Reference
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36	Plate, as shown, for use on top of bracket Fig. 40, for use with 16 lever section	55041
36a	as above, except for use with 12 lever section	55041-1
37	Screw, No. 10-32 x $\frac{3}{8}$ " fl. hd., with washer, for fastening plate Fig. 36 to bracket Fig. 40	{ 0325 0622
38	Spacer, $1\frac{1}{8}$ " lg., for use between cabinet and frame	38165-4
39	Screw, No. 14-24 x $\frac{5}{8}$ " fl. hd., for fastening bracket Fig. 33 to brackets Figs. 29 and 40	0409
40	Bracket, as shown, for supporting cabinet	53335-2
41	Screw, $\frac{3}{8}$ "-16 x 1" hex. hd., with washer, for fastening brackets Figs. 40 and 43 to frame	{ 6170 0569
42	Rear Leg, for use in intermediate positions	53324-6
42a	as above, except with holes for mounting cabinet, for use at ends of machine	53324-7
43	Bracket, as shown, for supporting resistor board	53335-3
44	Spacer, $1\frac{1}{2}$ " lg., for use between cabinet and frame	38165-6
45	Bar, for supporting low voltage circuit controller, for use at top, for use with 16 lever section	53329-9
45a	as above, except for use with 12 lever section	53329-11
46	Screw, No. 14-24 x $1\frac{1}{4}$ " fl. hd., with washer, for fastening bars Figs. 45 and 47 to rear leg	{ 0651 0510
47	Bar, for supporting low-voltage circuit controller for use in intermediate positions and bottom, for use with 16 lever section	53329-10
47a	as above, except for use with 12 lever section	53329-12
48	Screw, $\frac{1}{2}$ "-13 x $2\frac{3}{4}$ " hex. hd., with washer, for fastening guide plate to frame	{ 3343-6 091
49	Block, filler, for use with bar Fig. 17 at ends of machine, has drilled hole	53336

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Fig. No.	Name	Drawing Reference
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49a	as above, except has tapped hole	53336-1
50	Screw, $\frac{3}{8}$ "-16 x $1\frac{1}{4}$ " hex. hd., with washer for fastening bar Fig. 17 and block Fig. 49 to frame	<div style="display: flex; align-items: center;"> { <div style="margin-left: 5px;"> 2472 0569 </div> </div>
51	Screw, $\frac{1}{2}$ "-20 x 6" lg., for fastening cabinet to front leg of frame at ends of machine	53400-3
51a	as above, except $7\frac{1}{2}$ " lg., for fastening cabinet to rear leg of frame at right hand end of machine	53400-1
51b	same as Fig. 51, except $4\frac{1}{2}$ " lg., for fastening cabinet to rear leg of frame at left hand end of machine	53400-2
52	Nut, $\frac{1}{2}$ "-20 x $\frac{5}{16}$ " hex., for screw Fig. 51	51823-1
53	Washer, for screw Fig. 51	091-7
54	Washer, for screw Fig. 51	53401
55	Cap Nut, $\frac{1}{2}$ "-20 x $\frac{3}{4}$ " hex., for screw Fig. 51	53399