



Frame Details  
Model 5 Form A Interlocking Machine

Model 5 Form A 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
<b>Order by plate, figure number and name</b>		
A	Cabinet Complete, specify number of lever spaces. . . . .	
B	Leg Complete, for use in intermediate position, includes front leg Fig. 9, rear leg Fig. 32, center girder Fig. 22, cable clip and screws for mounting, screws Fig. 10 and taper pins Fig. 11. . . . .	53302 Gr. 1
B1	as above, except with holes in legs, for mounting at each end of machine. . . . .	53302 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, $\frac{3}{8}$ "-16 x $1\frac{1}{2}$ " fil. hd., for mounting plates Figs. 1 and 2 to frame. . . . .	2474
4	Taper Pin, No. 7 x $1\frac{3}{4}$ " lg., for fastening plates Figs. 1 and 2 to frame. . . . .	13863
5	Bar, for supporting lower terminal board, for 16 lever intermediate section. . . . .	53338
5a	as above, except for 16 lever end section. . . . .	53338-1
5b	same as Fig. 5, except for 12 lever intermediate section. . . . .	53338-2
5c	same as Fig. 5, except for 12 lever end section. . . . .	53338-3
5d	same as Fig. 5, except for 16 lever machine only. . . . .	53338-4
5e	same as Fig. 5, except for 12 lever machine only. . . . .	53338-5
6	Screw, No. 14-24 x $\frac{7}{8}$ " fil. hd., for mounting bar Fig. 5 to frame, includes washer. . . . .	{ 0504-1 0510
7	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
<b>Order by plate, figure number and name</b>		
8	Screw, $\frac{1}{2}$ "-13 x $1\frac{1}{4}$ " hex. hd., for fastening bar Fig. 7 to frame . . .	3343-2
9	Front Leg, for use in intermediate positions . . . . .	53323
9a	as above, except with holes for mounting cabinet, for use at each end of machine . . . . .	53323-1
10	Cap Screw, $\frac{1}{2}$ "-13 x $1\frac{1}{2}$ " hex. hd., for fastening front leg Fig. 9 and rear leg Fig. 32 to center girder Fig. 22, includes washer . . . . .	{ 2818 091
11	Taper Pin, No. 8 x 2" lg., for fastening front leg Fig. 9 and rear leg Fig. 32 to center girder Fig. 22 . . . . .	47224
12	Support, for cable . . . . .	53737
13	Bolt and Nut, $\frac{1}{4}$ "-20 x $1\frac{1}{4}$ " sq. hd., for fastening support Fig. 12 to frame, includes nut . . . . .	49129 { 16758-6
14	Screw, No. 10-32 x $1\frac{3}{8}$ " fr. hd., for fastening cabinet to lamp case, includes nut and washer . . . . .	38239 0622 590-19
15	Bar Frame, upper front, for use with 16 lever section . . . . .	53328
15a	as above, except for use with 12 lever section . . . . .	53328-1
16	Guide Plate, for levers, for 16 lever intermediate section . . . . .	53326
16a	as above, except for 16 lever, right hand end section . . . . .	53326-1
16b	same as Fig. 16, except for 16 lever, left hand end section . . . . .	53326-2
16c	same as Fig. 16, except for 12 lever, intermediate section . . . . .	53326-3
16d	same as Fig. 16, except for 12 lever, right hand end section . . . . .	53326-4
16e	same as Fig. 16, except for 12 lever, left hand end section . . . . .	53326-5
16f	same as Fig. 16, except for 16 lever machine only . . . . .	53326-8
16g	same as Fig. 16, except for 12 lever machine only . . . . .	53326-9
17	Block, for levers . . . . .	53384 { 0327-1
18	Screw, No. 10-32 x $\frac{5}{8}$ " fl. hd., for block Fig. 17, includes washer . . . . .	34494-1

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Fig. No.	Name	Drawing Reference
<b>Order by plate, figure number and name</b>		
19	Stud, for guide plate.....	2628-2
20	Bar Lock, for stud, for use with 16 lever section.....	53339
20a	as above, except for use with 12 lever section.....	53339-1
21	Screw, No. 10-32 x 1¼" fl. hd., for fastening bar lock Fig. 20 to lever guide Fig. 16.....	34053
22	Center Girder, as shown, for interlocker frame.....	53325
23	Clip, for cable, includes screw, nut and washer for mounting to frame	51068-3
		43204
		0510-1
24	Rod, ¼" dia. for supporting wires. Specify number of lever sections	17689
25	Nut, No. 14-24 x ⅜" hex., with washer, for rod Fig. 24.....	50637
		0510
26	Bar, support for controller, for use with 16 lever section.....	53331
26a	as above, except for use with 12 lever section.....	53331-1
27	Screw, No. 14-24 x ¾" fl. hd., for mounting bar Fig. 26 to frame, includes washer.....	8150-1
		0510
28	Angle Bar, support for contactor lever bearing, for use with 16 lever section.....	53332
28a	as above, except for use with 12 lever section.....	53332-1
29	Screw, ⅜"-16 x ¼" hex. hd., for mounting angle bar Fig. 28 to frame, includes washer.....	0395
		0569
30	Bracket, for mounting relay case and for supporting cabinet.....	53333
31	Screw, No. 14-24 x 1¼" hex. hd., with washer, for fastening bracket Fig. 30 to frame.....	0411
		0510
32	Rear Leg, for use in intermediate positions.....	53324
32a	as above, except with holes for mounting cabinet, for use at ends of machine.....	53324-1
33	Screw, ⅜"-16 x 2" fr. hd., for mounting cabinet to bracket Fig. 30	46559

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Fig. No.	Name	Drawing Reference
<b>Order by plate, figure number and name</b>		
34	Washer, for screws Figs. 33, 37 and 52 . . . . .	21339
35	Bar, support for fuse board, for 16 lever intermediate section . . . . .	53330
35a	as above, except for 16 lever, right or left hand end section . . . . .	53330-2
35b	same as Fig. 35, except for 12 lever intermediate section . . . . .	53330-1
35c	same as Fig. 35, except for 12 lever, right or left hand end section . . . . .	53330-3
35d	same as Fig. 35, except for 16 lever machine only . . . . .	53330-4
35e	same as Fig. 35, except for 12 lever machine only . . . . .	53330-5
36	Screw, No. 14-24 x $\frac{7}{8}$ " fl. hd., for mounting bar Fig. 35 to frame . . . . .	0380-11
37	Screw, $\frac{3}{8}$ "-16 x $1\frac{3}{8}$ " fr. hd., for fastening cabinet to plate Fig. 38 . . . . .	21340-4
38	Plate, support, for cabinet . . . . .	53353-5
39	Screw, No. 14-24 x $\frac{5}{8}$ " fl. hd., for fastening plate Fig. 38 to frame . . . . .	0409
40	Washer, fibre, for screws Figs. 42 and 46 . . . . .	688
41	Bushing, insulating for screws Figs. 42 and 46 . . . . .	47495-6
42	Screw, No. 14-24 x $1\frac{3}{4}$ " hex. hd., for mounting support Fig. 44 to frame, includes washer . . . . .	12527-2 19680
43	Bar, for supporting bearing on contactor, for 16 lever section . . . . .	53329
43a	as above, except for two, 16 lever sections . . . . .	53329-1
43b	same as Fig. 43, except for 12 lever section . . . . .	53329-2
44	Support, for contactor bar . . . . .	49713-2
45	Nut, No. 14-24 x $\frac{7}{16}$ " hex., for screws Figs. 42 and 46 . . . . .	50637
46	Screw, No. 14-24 x $2\frac{3}{8}$ " hex. hd., for mounting bar Fig. 43 . . . . .	12527-4
47	Plate, insulation, for use between support Fig. 44 and frame . . . . .	47549-1
48	Bracket, support for wires . . . . .	53747
49	Screw, $\frac{3}{8}$ "-16 x $1\frac{1}{4}$ " hex. hd., for mounting bracket Fig. 48 to rear leg, includes nut . . . . .	35160
50	Bracket, support for cabinet . . . . .	53335
51	Screw, $\frac{3}{8}$ "-16 x 1" hex. hd., for mounting bracket Fig. 50 to frame . . . . .	6170
52	Screw, $\frac{3}{8}$ "-16 x $2\frac{5}{8}$ " fr. hd., for fastening cabinet to bracket Fig. 50 . . . . .	21340-5

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Fig. No.	Name	Drawing Reference
<b>Order by plate, figure number and name</b>		
53	Block, filler, for use with bar Fig. 43 at ends of machine. . . . .	53336-2
54	Screw, $\frac{1}{2}$ "-13 x $\frac{2}{4}$ " hex. hd., for fastening lever guide to frame, includes washer. . . . .	$\left\{ \begin{array}{l} 3343-6 \\ 091 \end{array} \right.$
55	Block, filler, for use with bar Fig. 15 at ends of machine, has drilled hole. . . . .	
55a	as above, except has tapped hole. . . . .	53336-1
56	Screw, $\frac{3}{8}$ "-16 x $1\frac{1}{4}$ " hex. hd., for mounting bar Fig. 15 to frame, includes washer. . . . .	$\left\{ \begin{array}{l} 2472 \\ 0569 \end{array} \right.$
57	Stud, $\frac{1}{2}$ "-20 x $6\frac{3}{4}$ " lg., for fastening cabinet to end legs of machine	
57a	as above, except $7\frac{1}{2}$ " lg. . . . .	53400-1
58	Cap Nut, $\frac{1}{2}$ "-20 x $\frac{3}{4}$ " hex., for stud Fig. 57. . . . .	53399
59	Washer, for stud Fig. 57. . . . .	53401
60	Washer, for stud Fig. 57. . . . .	17492
61	Nut, $\frac{1}{2}$ "-20 x $\frac{7}{8}$ " hex., for stud Fig. 57. . . . .	51823-1
62	Washer, for stud Fig. 57. . . . .	091