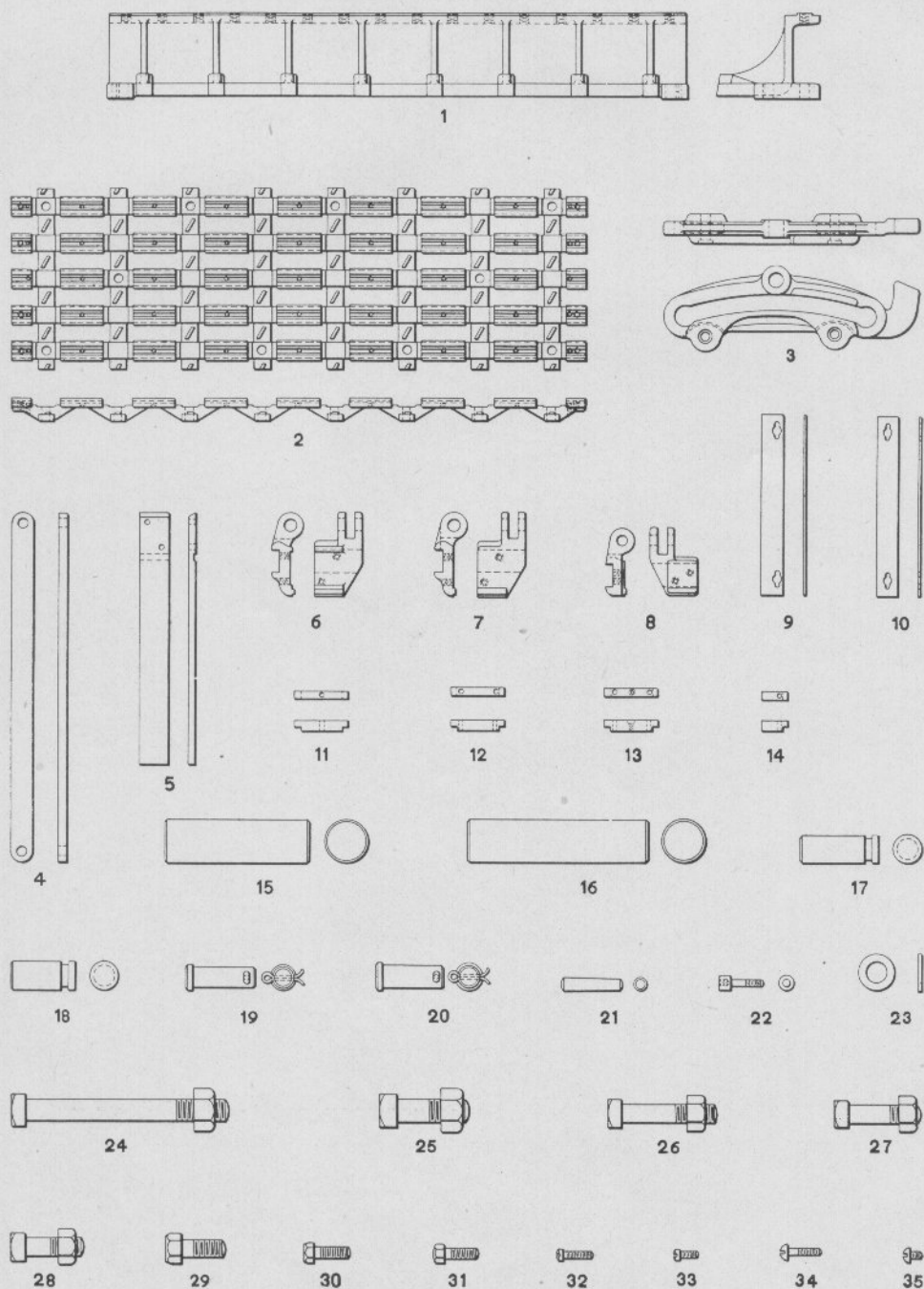


PLATE A-127

UNION SWITCH & SIGNAL COMPANY



BACK GIRDERS, LOCKING PLATES, TAPPETS, ETC., FOR
STYLE "A" INTERLOCKING MACHINE

UNION SWITCH & SIGNAL COMPANY

THE STYLE "A" INTERLOCKING MACHINE
DETAIL PARTS

BACK GIRDERS, LOCKING PLATES, TAPPETS, ETC.

Order by Plate, Piece, Reference and Abbreviated Description Given in
Heavy Face Type Only.

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

Piece	Ref.	Description	Drawing Reference
17730	1	Back Girder, 8-lever.....	C-7337-1
	1a	Back Girder, 8-lever, with Bolts and Pins (Inc. 1-1, 4-27 and 2-21).....	C-7337-1
17729	1b	Back Girder, 4-lever.....	C-7337-1
	1c	Back Girder, 4-lever, with Bolts and Pins (Inc. 1-1b, 4-27 and 2-21).....	C-7337-1
17743	2	Locking Plate, 8-lever, 4-space.....	C-7337-2
	2a	Locking Plate, 8-lever, 4-space, with Pins and Bolts (Inc. 1-2, 4-30 and 4-21).....	C-7337-2
17742	2b	Locking Plate, 4-lever, 4-space.....	C-7337-2
	2c	Locking Plate, 4-lever, 4-space, with Pins and Bolts (Inc. 1-2b, 4-30 and 4-21).....	C-7337-2
17761	3	Rocker Link.....	B-5241-5
17740	4	Tappet Connecting Link.....	C-7337-2
17733	5	Tappet, Length 1' 5½" for 4-space locking plate.....	C-7337-2
17734	5a	Tappet, Length 2' 6" for 9-space locking plate.....	C-7337-2
17735	5b	Tappet, Length 3' 6½" for 14-space locking plate.....	C-7337-2
17736	5c	Tappet, Length 4' 7" for 19-space locking plate.....	C-7337-2
17737	5d	Tappet, Length 5' 7½" for 24-space locking plate.....	C-7337-2
17738	5e	Tappet, Length 6' 8" for 29-space locking plate.....	C-7337-2
17739	5f	Tappet, Length 7' 8½" for 34-space locking plate.....	C-7337-2

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UNION SWITCH & SIGNAL COMPANY

THE STYLE "A" INTERLOCKING MACHINE DETAIL PARTS

BACK GIRDERS, LOCKING PLATES, TAPPETS, ETC.

(Continued)

Order by Plate, Piece, Reference and Abbreviated Description Given in
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Piece	Ref.	Description	Drawing Reference
17728	6	Tappet Jaw, M. I. Pat.....	C-7337-1
	6a	Tappet Jaw, with Pin (Inc. 1-6 and 1-20).....	C-7337-1
40147	7	Tappet Jaw, for end lever, M. I. Pat.....	C-7337-3
	7a	Tappet Jaw, with Pin (Inc. 1-7 and 1-20).....	C-7337-3
24656	8	Tappet Jaw, for locking on back of machine, M. I. Pat.....	C-7337-3
	8a	Tappet Jaw, with Pin (Inc. 1-8 and 1-20).....	C-7337-3
17762	9	End Locking Plate Strip.....	C-7337-3
17741	10	Intermediate Locking Plate Strip.....	C-7337-2
17744	11	Front Locking Guide, No. 1.....	C-7337-3
17745	12	Front Locking Guide, No. 2.....	C-7337-3
22404	13	Front Locking Guide, No. 3.....	C-7337-3
17747	14	Front Locking Guide, No. 4.....	C-7337-3
1129	15	Pin, $1\frac{1}{2}$ "x $4\frac{31}{32}$ " , for intermediate levers.....	B-10241-1
16187	16	Pin, $1\frac{1}{2}$ "x $6\frac{1}{4}$ " for end levers.....	B-10241-1
16221	17	Pin, 1"x $2\frac{3}{4}$ " , for right hand end quadrant.....	B-8066-5
16220	18	Pin, 1"x $2\frac{1}{4}$ " , for right hand intermediate quadrant..	B-8066-5
2385	19	Pin, $\frac{3}{4}$ "x $2\frac{1}{16}$ " cheese hd. with $\frac{3}{16}$ "x $1\frac{1}{8}$ " cotter, for connecting tappet connecting link to rocker link...	B-10223-1
23720	20	Pin, $\frac{3}{4}$ "x $2\frac{1}{16}$ " cheese hd. with $\frac{3}{16}$ "x $1\frac{1}{8}$ " cotter, for connecting tappet connecting link to tappet jaw...	B-10223-1

UNION SWITCH & SIGNAL COMPANY

THE STYLE "A" INTERLOCKING MACHINE
DETAIL PARTS

BACK GIRDERS, LOCKING PLATES, TAPPETS, ETC.

(Continued)

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Piece	Ref.	Description	Drawing Reference
1207	21	Dowel Pin, $\frac{7}{16}$ "x2", for holding front and back girders and locking plates in place on legs.....	B-8059-1
17516	22	Machine Screw, No. 14-24x1 $\frac{1}{8}$ ", special, for fastening front locking guides to locking plate.....	8098-247
34533	23	Washer, $\frac{3}{4}$ " Std. Plate.....	7826-98
	24	Bolt, $\frac{3}{4}$ "x7" sq. Hd. with $\frac{3}{4}$ " Hex. Nut for fastening leg and extension leg to timber framing.	
	25	Bolt, $\frac{3}{4}$ "x2 $\frac{1}{2}$ " sq. hd. and hex. nut, for fastening leg to extension leg.	
22478	26	Bolt, $\frac{5}{8}$ "x3 $\frac{1}{4}$ " sq. hd. and hex. nut, for fastening bottom girder to intermediate leg.....	8277-40
22477	27	Bolt, $\frac{5}{8}$ "x2 $\frac{1}{2}$ " sq. hd. and hex. nut, for fastening bottom girder to end leg and front and back girder to leg.....	8277-39
	28	Bolt, $\frac{5}{8}$ "x2" sq. hd. and hex. nut, for fastening cap to bottom girder and leg.	
	29	Tap Bolt, $\frac{5}{8}$ "x1 $\frac{3}{8}$ " hex. hd., for fastening quadrant to front and back girders.	
	30	Tap Bolt, $\frac{3}{8}$ "x1 $\frac{1}{4}$ " hex. hd., for fastening locking plate to leg.	
	31	Tap Bolt, $\frac{3}{8}$ "x1 $\frac{1}{4}$ " hex. hd. for fastening tappet to tappet jaw.	
32679	32	Mach. Screw, No. 14-24x $\frac{13}{16}$ " fil. hd. for fastening pin to right hand intermediate quadrant.....	8098-588
32680	33	Mach. Screw, No. 14-24x $\frac{5}{8}$ " fil. hd. for fastening pin to right hand end quadrant.....	8098-589

Zachary C. Gillihan 2008

PLATE A-127

UNION SWITCH & SIGNAL COMPANY

THE STYLE "A" INTERLOCKING MACHINE DETAIL PARTS

BACK GIRDERS, LOCKING PLATES, TAPPETS, ETC.

(Continued)

Order by Plate, Piece, Reference and Abbreviated Description Given in
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Piece	Ref.	Description	Drawing Reference
	34	Mach. Screw, No. 14-24x1 $\frac{1}{8}$ " rd. hd., for fastening front locking guides to locking plate.	Y811
	35	Mach. Screw, No. 14-24x $\frac{3}{8}$ " rd. hd., for fastening locking plate strips to special mach. screw.	Y1271