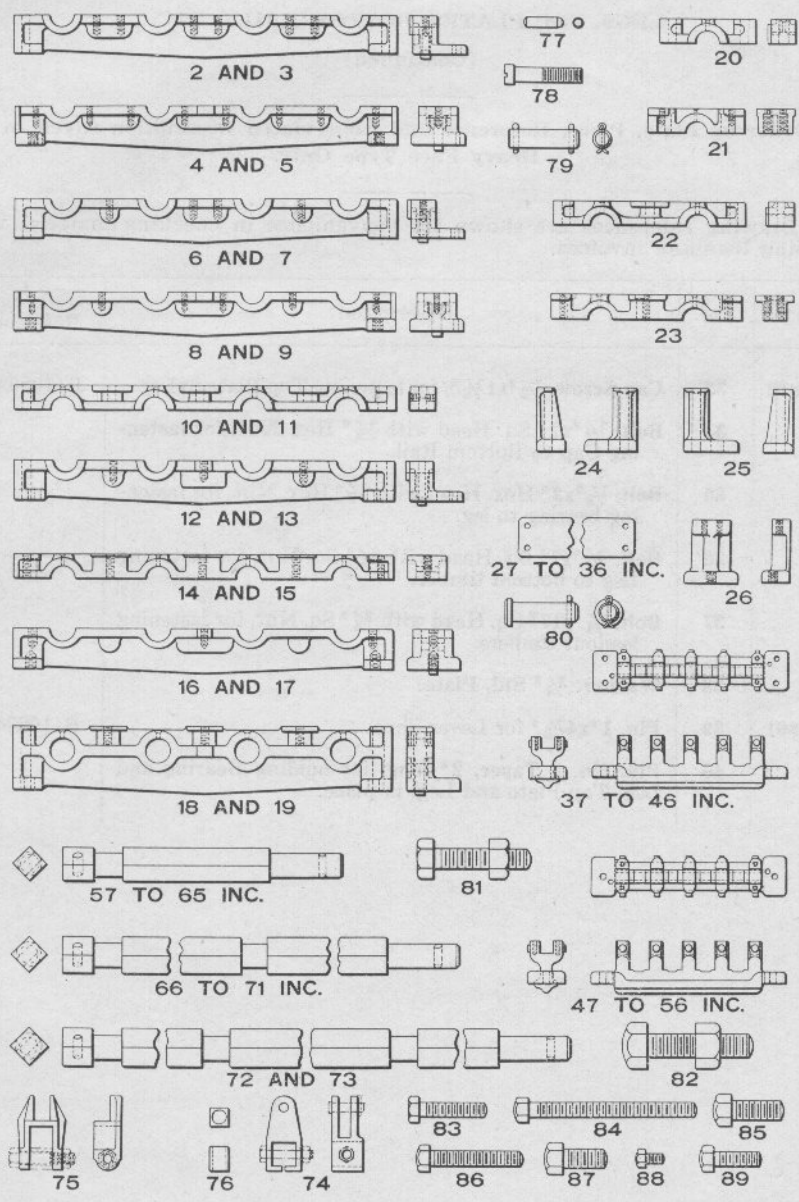


UNION SWITCH & SIGNAL COMPANY

Zachary C. Gillihan 2008



UNION SWITCH & SIGNAL COMPANY

THE SAXBY AND FARMER INTERLOCKING MACHINE
DETAIL PARTS

FRONT, BACK, INTERMEDIATE RAILS, LOCKING BRACKETS, ETC.

Order by Plate, Piece, Reference and Abbreviated Description Given in
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Piece	Ref.	Description	Drawing Reference
25021	2	Front or Back Rail only, 4-lever, for independent caps.	B-7974-6
71062	2a	Front or Back Rail, 4-lever, with Caps, Cap Screws, Bolts and Pins (Inc. 1-2, 4-20, 2-84, 6-83, 2-85 and 2-77)	B-7974-6
25025	3	Front or Back Rail only, 8-lever, for independent caps	B-7974-7
72830	3a	Front or Back Rail, 8-lever, with Caps, Cap Screws, Bolts and Pins (Inc. 1-3, 8-20, 2-84, 14-83, 2-85 and 2-77)	B-7974-7
25023	4	Intermediate Rail only, 4-lever, for independent caps	B-7974-6
79263	4a	Intermediate Rail, 4-lever, with Caps, Screws and Pins (Inc. 1-4, 4-21, 8-78, 2-85 and 2-77)	B-7974-6
25201	5	Intermediate Rail only, 8-lever, for independent caps	B-7974-7
72831	5a	Intermediate Rail, 8-lever, with Caps, Screws, Bolts and Pins (Inc. 1-5, 8-21, 16-83, 2-85 and 2-77)	B-7974-7
7580	6	Front or Back Rail only, 4-lever, for two-way caps....	B-7974-2
	6a	Front or Back Rail, 4-lever, with Caps, Screws, Bolts and Pins (Inc. 1-6, 2-22, 2-84, 4-83, 2-85 and 2-77) ..	B-7974-2
7581	7	Front or Back Rail only, 8-lever, for two-way caps..	B-7974-2
	7a	Front or Back Rail, 8-lever, with Caps, Screws, Bolts and Pins (Inc. 1-7, 4-22, 2-84, 10-83, 2-85 and 2-77)	B-7974-2
4915	8	Intermediate Rail only, 4-lever, for two-way caps...	B-7974-1
	8a	Intermediate Rail, 4-lever, with Caps, Screws and Pins (Inc. 1-8, 2-23, 6-78, 2-85 and 2-77)	B-7974-1
4916	9	Intermediate Rail only, 8-lever, for two-way caps...	B-7974-1

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Piece	Ref.	Description	Drawing Reference
	9a	Intermediate Rail, 8-lever, with caps, screws and Pins (Inc. 1-9, 4-23, 12-86, 2-85 and 2-77).....	B-7974-1
7584	10	Cap only, 4-lever, for front rail.....	B-7974-3
7587	11	Cap only, 8-lever, for front rail.....	B-7974-3
7589	12	Front Rail only, 4-lever.....	B-7974-4
79180	12a	Front Rail, 4-lever, with Cap, Bolts, Screws and Pins (Inc. 1-12, 1-10, 2-85, 3-83, 2-84 and 2-77).....	B-7974-4
7591	13	Front Rail only, 8-lever.....	B-7974-4
76188	13a	Front Rail, 8-lever, with Cap Bolts, Screws and Pins (Inc. 1-13, 1-11, 2-89, 7-83, 2-84 and 2-77).....	B-7974-4
7585	14	Cap only, 4-lever, for intermediate rail.....	B-7974-3
7588	15	Cap only, 8-lever, for intermediate rail.....	B-7974-3
7590	16	Intermediate Rail only, 4-lever.....	B-7974-4
79181	16a	Intermediate Rail, 4-lever, with Cap, Pins and Screws (Inc. 1-16, 1-14, 2-85, 3-78 and 2-77).....	B-7974-4
7592	17	Intermediate Rail only, 8-lever.....	B-7974-4
79182	17a	Intermediate Rail, 8-lever, with Cap, Pins and Screws (Inc. 1-17, 1-15, 2-85, 5-78 and 2-77).....	B-7974-4
7583	18	Back Rail only, 4-lever.....	B-7974-3
	18a	Back Rail, 4-lever, with Screws and Pins (Inc. 1-18, 2-77, 2-84 and 2-85).....	B-7974-3
7586	19	Back Rail only, 8-lever.....	B-7974-3

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Piece	Ref.	Description	Drawing Reference
	19a	Back Rail, 8-lever, with Screws and Pins (Inc. 1-19, 2-77, 2-84 and 2-85).....	B-7974-3
25022	20	Cap only, 1-way, for front or back rail.....	B-7974-6
	20a	Cap, 1-way, with cap Screws (Inc. 1-20, 1-84 and 1-86)	B-7974-6
	20b	Cap, 1-way, with Cap Screws (Inc. 1-8 and 2-86).....	B-7974-6
25200	21	Cap only, 1-way, for intermediate rail.....	B-7974-7
	21a	Cap, 1-way, with Machine Screws (Inc. 1-21 and 2-78)	B-7974-7
7582	22	Cap only, 2-way, for front or back rail.....	B-7974-2
	22a	Cap, 2-way, with Cap Screws (Inc. 1-22, 1-84 and 2- 86).....	B-7974-2
	22b	Cap, 2-way, with Cap Screws (Inc. 1-22 and 3-86)...	B-7974-2
4918	23	Cap only, 2-way, for intermediate rail.....	B-7974-1
	23a	Cap, 2-way, with Machine Screws (Inc. 1-23 and 3- 78).....	B-7974-1
4912	24	L. H. End Block only.....	C-6551-1A
	24a	L. H. End Block with Cap Screw (Inc. 1-24 and 1-87)	C-6551-1A
4913	25	R. H. End Block, only.....	C-6551-1A
	25a	R. H. End Block with Cap Screws (Inc. 1-25 and 1-87)	C-6551-1A
4911	26	Filler Block only, for intermediate bearing.....	C-6551-1A
	26a	Filler Block, with Cap Screws (Inc. 1-26 and 2-85)....	C-6551-1A
7465	27	Cap only, 4-way, for locking bracket.....	B-9704-1

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Piece	Ref.	Description	Drawing Reference
7466	28	Cap only, 6-way, for locking bracket.....	B-9704-1
7467	29	Cap only, 8-way, for locking bracket.....	B-9704-1
7468	30	Cap only, 10-way, for locking bracket.....	B-9704-1
7469	31	Cap only, 12-way, for locking bracket.....	B-9704-1
7470	32	Cap only, 14-way, for locking bracket.....	B-9704-1
7471	33	Cap only, 15-way, for locking bracket.....	B-9704-1
7472	34	Cap only, 16-way, for locking bracket.....	B-9704-1
7473	35	Cap only, 18-way, for locking bracket.....	B-9704-1
7474	36	Cap only, 20-way, for locking bracket.....	B-9704-1
7425	37	Locking Bracket only, 4-way, for junction of two sections or on either end of a one span locking bed	B-4552-5
	37a	Locking Bracket, 4-way with Cap, Screws and Pins (Inc. 1-37, 1-27, 4-84, 4-88 and 2-77).....	B-4552-5
7426	38	Locking Bracket only, 6-way, for junction of two sec- tions or on either end of a one span locking bed...	B-4552-5
	38a	Locking Bracket, 6-way, with Cap, Pins and Screws (Inc. 1-38, 1-28, 6-88, 4-84 and 2-77).....	B-4552-5
7427	39	Locking Bracket only, 8-way, for junction of two sec- tions or on either end of a one span locking bed...	B-4552-19
	39a	Locking Bracket, 8-way, with Cap, Pins and Screws (Inc. 1-39, 1-29, 6-88, 4-84 and 2-77).....	B-4552-19
7428	40	Locking Bracket only, 10-way, for junction of two sec- tions or on either end of a one span locking bed...	B-4552-19

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Piece	Ref.	Description	Drawing Reference
7429	40a	Locking Bracket, 10-way, with Cap, Pins and Screws (Inc. 1-40, 1-30, 6-88, 4-84 and 2-77).....	B-4552-19
	41	Locking Bracket only, 12-way, for junction of two sections or on either end of a one or two span locking bed.....	B-4552-20
	41a	Locking Bracket, 12-way, with Cap, Pins and Screws (Inc. 1-41, 1-31, 6-88, 4-84 and 2-77).....	B-4552-20
7430	42	Locking Bracket only, 14-way, for junction of two sec- tions or on either end of a one or two span locking bed.....	B-4552-20
	42a	Locking Bracket, 14-way, with Cap, Pins and Screws (Inc. 1-42, 1-32, 6-88, 4-84 and 2-77).....	B-4552-20
7431	43	Locking Bracket only, 15-way, for junction of two sec- tions or on either end of a one or two span locking bed.....	B-4552-21
	43a	Locking Bracket, 15-way, with Cap, Pins and Screws (Inc. 1-43, 1-33, 6-88, 4-84 and 2-77).....	B-4552-21
7432	44	Locking Bracket only, 16-way, for junction of two sec- tions or on either end of a one or two span locking bed.....	B-4552-21
	44a	Locking Bracket, 16-way, with Cap, Pins and Screws (Inc. 1-44, 1-34, 6-88, 4-84 and 2-77).....	B-4552-21
7433	45	Locking Bracket only, 18-way, for junction of two sec- tions or on either end of a one or two span locking bed.....	B-4552-22
	45a	Locking Bracket, 18-way, with Cap, Pins and Screws (Inc. 1-45, 1-35, 8-88, 4-84 and 2-77).....	B-4552-22

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Piece	Ref.	Description	Drawing Reference
7434	46	Locking Bracket only, 20-way, for junction of two sections or on either end of a one or two span locking bed.....	B-4552-22
	46a	Locking Bracket, 20-way, with Cap. Pins and Screws (Inc. 1-46, 1-36, 8-88, 4-84 and 2-77).....	B-4552-22
7405	47	Locking Bracket only, 4-way.....	B-4552-1
	47a	Locking Bracket, 4-way, with Cap. Pins and Screws (Inc. 1-47, 1-27, 4-88, 1-86, 1-89 and 2-77).....	B-4552-1
7406	48	Locking Bracket only, 6-way.....	B-4552-1
	48a	Locking Bracket, 6-way, with Cap. Pins and Screws (Inc. 1-48, 1-28, 6-88, 1-86, 1-89 and 2-77).....	B-4552-1
7407	49	Locking Bracket only, 8-way.....	B-4552-18
	49a	Locking Bracket, 8-way, with Cap. Pins and Screws (Inc. 1-49, 1-29, 6-88, 1-86, 1-89 and 2-77).....	B-4552-18
7408	50	Locking Bracket only, 10-way.....	B-4552-18
	50a	Locking Bracket, 10-way, with Cap Pins, and Screws (Inc. 1-50, 1-30, 6-88, 1-86, 1-89 and 2-77).....	B-4552-18
7409	51	Locking Bracket only, 12-way, for one or two span locking bed.....	B-4552-2
	51a	Locking Bracket, 12-way, with Cap. Pins and Screws (Inc. 1-51, 1-31, 6-88, 1-86, 1-89 and 2-77).....	B-4552-2
7410	52	Locking Bracket only, 14-way, for one or two span locking bed.....	B-4552-2
	52a	Locking Bracket, 14-way, with Cap. Pins and Screws (Inc. 1-52, 1-32, 6-88, 1-86, 1-89 and 2-77).....	B-4552-2

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Piece	Ref.	Description	Drawing Reference
7411	53	Locking Bracket only, 15-way, for one or two span locking bed.....	B-4552-3
	53a	Locking Bracket, 15-way, with Cap. Pins and Screws (Inc. 1-53, 1-33, 6-88, 1-86, 1-89 and 2-77).....	B-4552-3
7412	54	Locking Bracket only, 16-way, for one or two span locking bed.....	B-4552-3
	54a	Locking Bracket, 16-way, with Cap. Pins and Screws (Inc. 1-54, 1-34, 6-88, 1-86, 1-89 and 2-77).....	B-4552-3
7413	55	Locking Bracket only, 18-way, for one or two span locking bed.....	B-4552-4
	55a	Locking Bracket, 18-way, with Cap. Pins and Screws (Inc. 1-55, 1-35, 8-88, 1-86, 1-89 and 2-77).....	B-4552-4
7414	56	Locking Bracket only, 20-way, for one or two span locking bed.....	B-4552-4
	56a	Locking Bracket, 20-way, with Cap. Pins and Screws (Inc. 1-56, 1-36, 8-88, 1-86, 1-89 and 2-77).....	B-4552-4
7593	57	Locking Shaft only, 4 way.....	B-7966-1
7594	58	Locking Shaft only, 6-way.....	B-7966-1
7595	59	Locking Shaft only, 8-way.....	B-7966-1
7596	60	Locking Shaft only, 10-way.....	B-7966-1
7597	61	Locking Shaft only, 12-way.....	B-7966-1
7598	62	Locking Shaft, only 14-way.....	B-7966-1
7599	63	Locking Shaft only, 16-way.....	B-7966-1
7600	64	Locking Shaft only, 18-way.....	B-7966-1

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Piece	Ref.	Description	Drawing Reference
7601	65	Locking Shaft, only 20-way	B-7966-1
7602	66	Locking Shaft only, 24-way	B-7966-1
7603	67	Locking Shaft only, 28-way	B-7966-1
7604	68	Locking Shaft only, 30-way	B-7966-1
7605	69	Locking Shaft only, 32-way	B-7966-1
7606	70	Locking Shaft only, 36-way	B-7966-1
7607	71	Locking Shaft only, 40-way	B-7966-1
7609	72	Locking Shaft only, 48-way	B-7966-1
7608	73	Locking Shaft only, 60-way	B-7966-1
7212	74	Driver only, for end of locking shaft, M. I. Pat. No. 5742	9685-7
116547	74a	Driver, with Pin and Bolt (Inc. 1-74, 1-80 and 1-81) . . .	9685-7
7208	75	Driver, only, for locking shaft, M. I. Pat. No. T-7705	9685-3
68056	75a	Driver with Filler Block and Cap Screw (Inc. 1-75, 1-76 and 1-85)	9685-3
7237	76	Filler Block, for driver	C-6551-1
2356	77	Dowel Pin, $\frac{1}{4}$ "x1", for holding locking brackets in place on rail	B-8063-1
49940	78	Machine Screw, $\frac{3}{8}$ "x1 $\frac{3}{4}$ ", for fastening cap to intermediate rail	8190-225
6413	79	Pin, $\frac{1}{2}$ "x1 $\frac{11}{16}$ ", with two $\frac{1}{8}$ "x $\frac{3}{4}$ " cotters, for fastening universal link to driver on end of locking shaft	B-10215-1

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Piece	Ref.	Description	Drawing Reference
195	80	Pin, $\frac{1}{2}$ "x $1\frac{1}{16}$ " with $\frac{1}{8}$ "x $\frac{3}{4}$ " cotter, for Ref. 74.....	B-10214-1
	81	Bolt, $\frac{1}{2}$ "x $2\frac{1}{2}$ " Hex. Hd. with Hex. Nut, for fastening driver to end of Locking Shaft.	
	82	Cap Screw, $\frac{5}{8}$ "x $2\frac{3}{4}$ " Hex. Hd. with $\frac{5}{8}$ " thin Hex. Nut, for clamping driver and filler block to locking shaft.	
	83	Tap Bolt, $\frac{3}{8}$ "x $1\frac{3}{4}$ " Hex. Hd., for fastening cap to front or back rail.	
	84	Cap Screw, $\frac{3}{8}$ "x $4\frac{3}{8}$ " Hex. Hd., for fastening locking bracket and back rail to bearing cap, and front rail to bearing.	
	85	Cap Screw, $\frac{1}{2}$ "x $1\frac{3}{8}$ " Hex. Hd., for fastening intermediate rail to bearing.	
	86	Cap Screw, $\frac{3}{8}$ "x $2\frac{3}{8}$ " Hex. Hd., for fastening locking bracket and cap to front rail.	
	87	Cap Screw, $\frac{1}{2}$ "x $1\frac{1}{8}$ " Hex. Hd., for fastening front and back rails to bearing.	
	88	Cap Screw, $\frac{1}{4}$ "x $\frac{1}{2}$ " Hex. Hd., for fastening cap to locking bracket.	
89		Cap Screw, $\frac{3}{8}$ "x $1\frac{1}{4}$ " Hex. Hd., for fastening locking bracket to back rail and cap, and locking bracket to intermediate rail.	