



Model 2A Signal Mechanism—Details

March 1916

GENERAL RAILWAY SIGNAL COMPANY

**Model 2A, Top-of Mast
Signal Mechanism Details**

Note: Details as illustrated on opposite page are used with top of mast signal mechanism and dwarf signal as shown on Plates H0703 and H0903.

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

Fig. No.	Name	Drawing Reference
Order by plate, figure number and name		
1	Main Sector Complete as shown, for upper quadrant right hand and lower quadrant left hand Signals. Includes Hanger Block, Screws, Cotter Pin and Washer, for operating Main Shaft Fig. 7.....	
2	same as Fig. 1, except for lower quadrant right hand and upper quadrant left hand Signals.....	
3	Bearing Bracket Complete, includes Bushing and Oiler, for supporting Main Shaft Fig. 7.....	34637
3a	Oiler, for Bearing Bracket Fig. 3.....	0803
4	Sector, for operating Circuit Controller.....	34646
5	Stud, with hex. Nut and Washer, for fastening Bearing Bracket Fig. 3 and Circuit Controller to Case.....	
5a	as above, Stud only.....	34636
6	Stud, for supporting Ratchet Gear.....	34628
7	Main Shaft.....	34624
7a	as above, except with one $\frac{3}{16}$ " x $1\frac{3}{4}$ " Cotter Pin and Woodruff Keys Fig. 8 and Fig. 9.....	
8	Woodruff Key, for fastening Main Sectors Fig. 1 and Fig. 2 to Main Shaft Fig. 7.....	028
9	Woodruff Key, for fastening Sector Fig. 4 to Main Shaft Fig. 7.....	027
10	Ball Bearing Complete, for Main Shaft Fig. 7.....	47795
11	Retaining Plate, for Ball Bearing Fig. 10.....	34635
11a	as above, except with three Rivets Fig. 12.....	
12	Rivet $\frac{3}{16}$ " x 1" rd. hd., for fastening Retaining Plate Fig. 11 to Case.....	26709
13	Oiler Complete as shown, for Ratchet Gear.....	32417
14	Hook Arm, for Spring Fig. 17.....	34623

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Fig. No.	Name	Drawing Reference
Order by plate, figure number and name		
15	Stop, with Stud, Lock Washer and hex. Nut for Sector Fig. 1 and Fig. 2.....	
15a	as above, Stop only.....	34622
16	Stud, with hex. Nut and Lock Washer, for Spring Fig. 18....	
16a	as above, Stud only.....	34626
17	Spring, short.....	34632
18	Spring, long.....	34633
19	Lever, for Springs Fig. 17 and Fig. 18.....	34630
20	U Bolt, $\frac{1}{2}$ ", with four hex. Nuts, for fastening Lever Fig. 19....	
20a	as above, U Bolt only.....	34631
21	Intermediate Driver, used with Inside Stop Bearing Plate H1705 Fig. A, for upper quadrant right hand and lower quadrant left hand Signals. Used with Top of Mast Signal Mechanism shown on Plate H0903.....	35925
22	same as Fig. 21, except for lower quadrant right hand and upper quadrant left hand Signals.....	35924
23	Intermediate Driver, used with Outside Stop Bearing, for upper quadrant right hand and lower quadrant left hand Signals. Used with Top of Mast Signal Mechanism and Dwarf Signal shown on Plates H0703 and H0903.....	34634
24	same as Fig. 21, except for lower quadrant right hand and upper quadrant left hand Signals.....	35923
25	Machine Driver, used with Top of Mast Signal Mechanism and Dwarf Signal shown on Plates H0703 and H0903.....	34627
26	Nut, $\frac{1}{2}$ " hex., for use on Figs. 5, 15, 16 and 20.....	0286