



A - WITH 8 VOLT MOTOR FIG. E
 B - WITH 10 VOLT MOTOR FIG. F
 C - WITH 20 VOLT MOTOR FIG. G

Two-Arm, Model 2A, Base-of-Mast Signal Mechanism

March 1916

GENERAL RAILWAY SIGNAL COMPANY

**Model 2A, Direct-Current, Base-of-Mast
Signal Mechanisms**

For Two Arm Signal, 8 volts, 10 volts or 20 volts

Circuit controllers are equipped with the contacts necessary for the local control of the signal only. Maximum contact equipment is shown merely as a matter of information.

If pole changing contacts or extra drag contacts are required, same must be specified. State the position of the signal blade at which each extra contact is to make and break, considering the stop position as 0 degree.

For Semaphore Oil and Oiling diagrams see Part 21 of this Section.

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	Model 2A 8 volt Signal Mechanism Complete, for Two Arm Base of Mast Signals. Specify Spectacle to be used and whether Signal is to operate in two or three positions. If lever controlled state whether Dynamic or Battery Indication.	
A1	same as Fig. A, except with Mechanism Case Plate H1601 Fig. A and Shelving Plate H1603 Fig. B	
A2	same as Fig. A, except with Mechanism and Battery Case Plate H1601 Fig. B and Shelving Plate H1603 Fig. B	
B	same as Fig. A, except 10 volt.	
B1	same as Fig. B, except with Mechanism Case Plate H1601 Fig. A and Shelving Plate H1603 Fig. B.	
B2	same as Fig. B, except with Mechanism and Battery Case Plate H1601 Fig. B and Shelving Plate H1603 Fig. B	
C	same as Fig. A, except 20 volt.	
C1	same as Fig. C, except with Mechanism Case Plate H1601 Fig. A and Shelving Plate H1603 Fig. B	
C2	same as Fig. C, except with Mechanism and Battery Case Plate H1601 Fig. B and Shelving Plate H1603 Fig. B	
D	Frame Complete, includes Bearing, Studs, Bushings, etc. For details see Plate H1201 Fig. B.	
E	Motor Complete (8 volts.) For details see Plate H1301 Fig. A1.	
F	Motor Complete (10 volts). For details see Plate H1301 Fig. B1.	36000
G	Motor Complete (20 volts). For details see Plate H1301 Fig. C1.	
H	Ratchet Gear Complete. For details see Plate H1203 Fig. A.	30080

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Fig. No.	Name	Drawing Reference
Order by plate, figure number and name		
J	Intermediate Gear Complete. For details see Plate H1203 Fig. C.....	29965
K	Circuit Controller. For details and specifications see Plate H1405.....	
1	Main Shaft. For details see Plate H1203 Fig. 14.....	36458
1a	as above, except with two Woodruff Keys Fig. 8 and Pin Fig. 9.	
2	Shaft, for Circuit Controller. For detail see Plate H1405 Fig. 6.	36459
3	Sector. For details see Plate H1203 Fig. 11.....	29830
4	Crank, for pipe or rod connected Signals. For details see Plate H1203 Fig. 25.....	36055
5	Sheave Sector, for upper quadrant wire connected Signals. For detail see Plate H1203 Fig. 22.....	40646
5a	as above, except with Set Screw Fig. 7.....	
6	Connector Complete, for upper quadrant wire connected Sign ls. For details see Plate H1203 Fig. 23.....	42019
7	Set Screw, $\frac{1}{4}$ " x $\frac{5}{8}$ ", for Sheave Sector Fig. 5.....	18981
8	Woodruff Key, for Sector Fig. 3, Crank Fig. 4 and Sheave Sector Fig. 5.....	028
9	Pin, for connecting Shaft Fig. 2 to Main Shaft Fig. 1.....	42146
10	Frame, left hand, for Circuit Controller.....	36063
10a	as above, except with two Cap Screws Fig. 12.....	
11	Frame, right hand, for Circuit Controller.....	36052
11a	as above, except with two Cap Screws Fig. 12.....	
12	Cap Screw, $\frac{3}{2}$ " x $1\frac{1}{4}$ " hex. hd., for fastening Circuit Controller Frames Fig. 10 and Fig. 11 to Bracket.....	5255
13	Roller Bearing Complete, for Intermediate Gear Fig. J. For details see Plate H1203 Fig. 13.....	29998
14	Clamp, for holding Motor to Frame. For detail see Plate H1203 Fig. 27.....	36061
14a	as above, except with Tap Bolt and Lock Washer. (1-14, 1-16, 1-17).....	

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Fig. No.	Name	Drawing Reference
Order by plate, figure number and name		
15	Clamp, for holding Motors to Frame. For detail see Plate H1203 Fig. 26.	36060
15a	as above, except with Tap Bolt and Lock Washer. (1-15, 1-16, 1-17).....	
16	Tap Bolt, $\frac{3}{8}$ " x $1\frac{3}{4}$ " hex. hd., slotted, for holding Clamps Fig. 14 and Fig. 15.....	36062
16a	as above, except with Lock Washer Fig. 17.	
17	Lock Washer, for Bolt Fig. 16.	0569