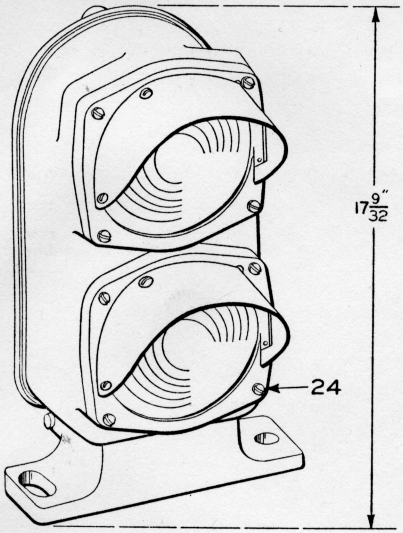
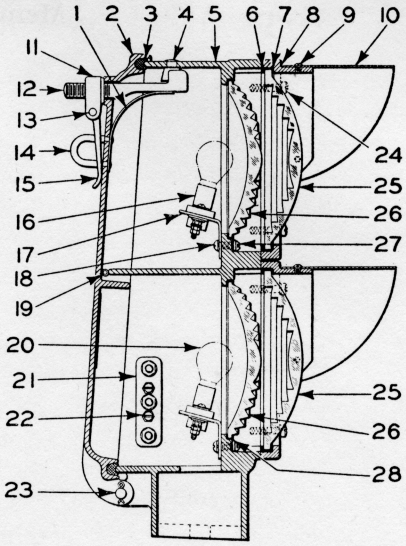
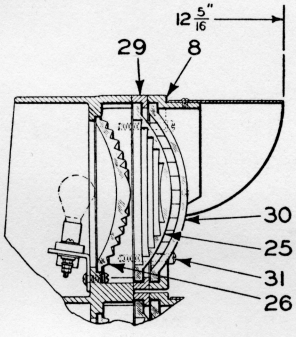
GENERAL RAILWAY SIGNAL COMPANY August 1947

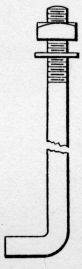


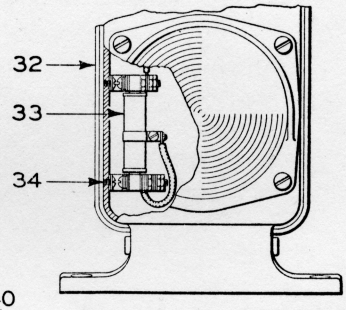


A

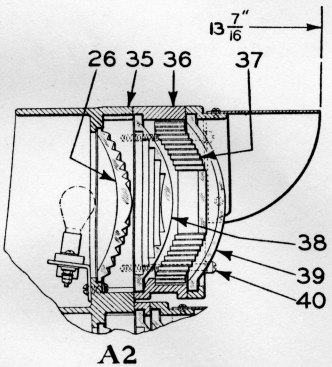


A1

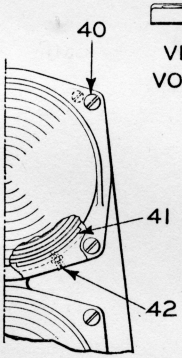


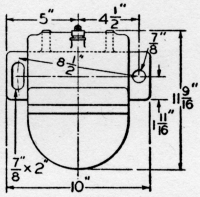


VIEW SHOWING LAMP VOLTAGE REGULATING RESISTOR



A2





Type ME Color-Light Dwarf Signals

Zachary Gillihan
Digitally signed by Zachary Gillihan
DN: cn=Zachary Gillihan, o=ZCG Utility Scrap, ou, email=zachary.gillihan@gmail.com, c=US
Date: 2018.10.15 11:01:56 -05'00'

August 1947 GENERAL RAILWAY SIGNAL COMPANY

Type ME Color-Light Dwarf Signals

Note: See foreword and general ordering information at the beginning of this part. Lamps and anchor bolts are not included and must be ordered separately. For typical circuits see Bulletin 175.

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	Type ME Color-Light Dwarf Signal Complete, two-indication, with 5½″ dia. inner doublet lens and 6⅜″ dia. outer lens in both units. This lens combination deflects parts of the main beam 40 degrees upward for close-up indication. **Order must specify the following:** 1. Color required in each lens unit. 2. Voltage and wattage of lamps. 3. If voltage regulating resistor is required. 4. If lens guards are required. (See Plate H3401, Fig. 45.) 5. If backlights are required	36722–60
A1	as above, except with outer roundel. This lens combination deflects or spreads part of the main beam for curved track conditions. See Fig. 30 for roundels available. **Order must specify information called for under Fig. A**	36722–60
A2	same as Fig. A1 except with phankill unit Fig. 37 in yellow indication. **Order must specify information called for under Fig. A**	36722–75
A3	same as Fig. A except with phankill unit Fig. 37 in yellow indication. **Order must specify information called for under Fig. A.**	36722–75
1	Spring, for door	53105
2	Door Complete, with hasp and gasket, for signal unit	15076–16 Gr. 1
2a	as above, except with backlight	15076–17 Gr. 1
3	Gasket, for door	43460
4	Stud, for door locking device	441–121
5	Case, only, for signal units Figs. A and A1	36726–86
6	Wicking, for use between outer lens and adapter	0160
7	Gasket, for use between outer lens and adapter	13014–56

(Continued on following page)

Type ME Color-Light Dwarf Signals

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

Fig. No.	Name	Drawing Reference
	Order by plate, figure number and name	
8	Hood Adapter, as shown, for signal	49127–34
9	Screw, No. 10-32 x $\frac{5}{16}$″ rd. hd., with lock washer, for fastening hood to adapter	3044–3 53029–7
10	Hood, 4″ long, for signal units	49127–61
10a	as above, except 8″ long	49127–50
11	Nut, for lock latch	9525–6
12	Lock Latch, for door	53106–1
13	Pin, $\frac{3}{16}$″ dia. x 1$\frac{1}{8}$″ lg., for hasp	7568
14	Staple, for door	16914
15	Hasp, for door	9524
16	Receptacle Complete, for lamp	53058 Gr. 3
17	Bracket, for mounting receptacle	53170–1
18	Screw, No. 14-24 x $\frac{1}{2}$″ rd. hd., with lock washer, for mounting bracket to case	21029–1 0510–1
19	Screw, No. 6-32 x $\frac{5}{8}$″ rd. hd., with lock washer and bushing, used as wire guide	2613–18 48526–1 7350–24
20	Incandescent Lamp, single contact, candelabra bayonet base. Refer to Section H, Part 39, when ordering	34866
21	Terminal Block Complete, for signal units	46048–9 Gr. 1
22	Screw, No. 10-32 x $\frac{3}{4}$″ fil. hd., for fastening terminal block to case.	12280–13
23	Pin, with cotter for door hinge	730–21 0663–1
24	Screw, No. 14-24 x 1″ fil. hd., with lock washer, for fastening hood adapter Fig. 8 to case	0504–4 0510–1
25	Outer Lens, 6$\frac{3}{8}$″ dia., clear, 3$\frac{3}{4}$″ focus with 40 degree deflecting bullseye. This lens deflects part of the main beam 40 degrees upward for close-up indication	53119–18
25a	as above, except with gasket	54193–1 Gr. 2
26	Inner Lens, 5$\frac{1}{2}$″ dia., red, $\frac{1}{2}$″ focus	43988–2
26a	as above, except yellow	43988–1

(*Continued on following page*)

Type ME Color-Light Dwarf Signals

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

Fig. No.	Name	Drawing Reference
	Order by plate, figure number and name	
26b	same as Fig. 26 except green	43988
26c	same as Fig. 26 except purple	43988–4
26d	same as Fig. 26 except lunar white	43988–5
27	Screw, No. 8-32 x 3/8″ rd. hd., with washer and lock washer, for holding inner lens in signal unit	2553–11 1601–64 43058–1
28	Gasket, for inner lens	13014–74
29	Ring, for signal unit Fig. A1	43938–68
30	Outer Roundel, 6 3/8″ dia., clear, 25 degree deflecting	9238–60
30a	as above, except with gasket	
30b	same as Fig. 30, except 20 degree deflecting	9238–14
30c	same as Fig. 30b, except with gasket	54194–1 Gr. 1
30d	same as Fig. 30, except 10 degree deflecting	9238–8
30e	same as Fig. 30d, except with gasket	
30f	same as Fig. 30, except 25 degree spredlite	9238–65
30g	same as Fig. 30f, except with gasket	
31	Screw, No. 10-32 x 1 5/8″ fil. hd., with lock washer, for fastening ring Fig. 29 to case	0504–13 0510–1
32	Case, only, for signal unit using voltage regulating resistor	36726–109
33	Resistor Complete, voltage regulating, 1 ohm	55945–1 Gr. 4
33a	as above, except 2 ohms	55945–1 Gr. 8
34	Screw, No. 8-32 x 5/16″ rd. hd., with lock washer, for mounting resistor Fig. 33	2553–9 53029–4
35	Case, only, for signal unit Fig. A2	36726–112
36	Ring, for use when phankill units are employed	43983–75
37	Phankill Unit, 5 7/8″ dia., with 25 degree prism close-up	56629–1
38	Outer Lens, 6 3/8″ dia., clear, for use with phankill unit	53119
38a	as above, except with gasket	54193–1 Gr. 1
39	Outer Roundel, 6 3/8″ dia. plain convex, for use with phankill unit	9238–2
39a	as above, except with gasket	

(Continued on following page)

Type ME Color-Light Dwarf Signals

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

Fig. No.	Name	Drawing Reference
	Order by plate, figure number and name	
40	Screw, No. 14-24 x 3″ rd. hd., with lock washer, for mounting hood adapter to signal unit Fig. A2	48561–8 0510–1
41	Strap, for holding phankill unit in place	51432–71
42	Set Screw, No. 10-32 x $\frac{21}{32}$″ headless, with hex. nut, for strap	3018–30 40796
43	Anchor Bolt, $\frac{3}{4}$″–9 x 18″ long, with sq. nut and washer, for fastening signal to foundation	36182 35703