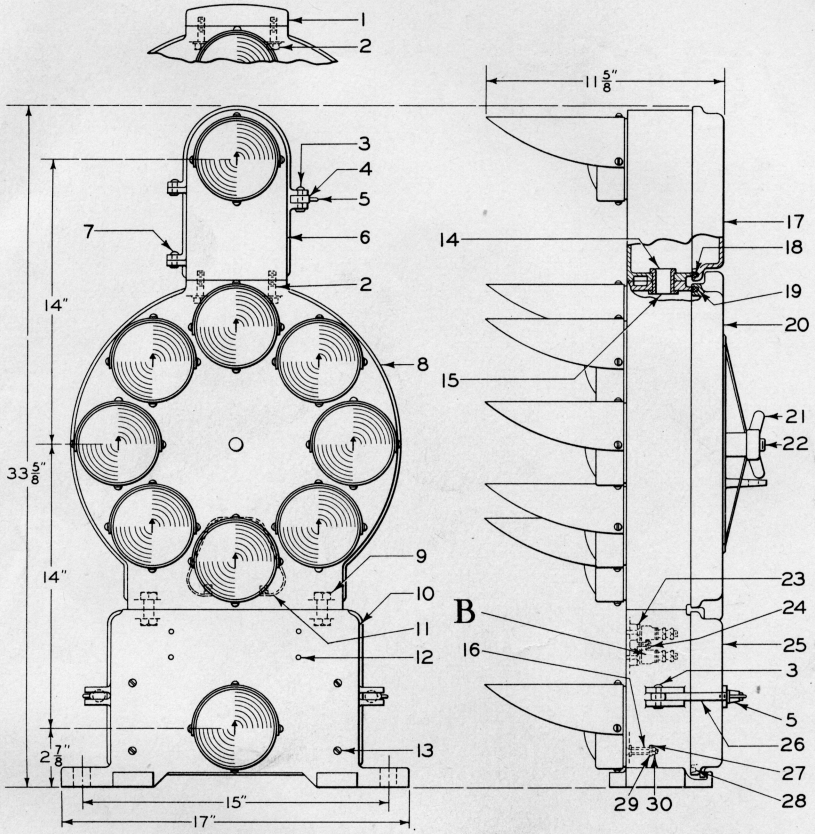
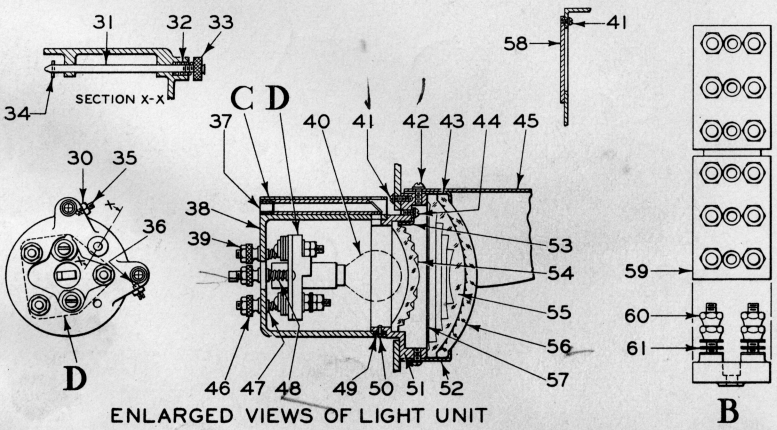




ENLARGED VIEWS OF LIGHT UNIT

TYPE "VA" COLOR-POSITION-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 11:36:12 -05'00'

PLATE H3511

AUG. 1939 GENERAL RAILWAY SIGNAL COMPANY

TYPE "VA" COLOR-POSITION-LIGHT DWARF SIGNAL
With Doublet Lens and Focus Finders

NOTE: This plate is included for ordering parts only for signal 54360-3. When ordering complete signals, order should refer to B & O plan 190-R-1.

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

Fig. No.	Name	Drawing Reference
	Order by plate, figure number and name	
B	Terminal Block Complete.	46048-23 Gr 1
C	Receptacle Unit Complete, for signal, includes the following parts: 1-D, 2-30, 1-31, 1-32, 1-33, 1-34, 2-35, 2-36, 2-37, 1-38, 3-39, 3-46, 3-47, and 3-48. Does not include lamp which must be ordered separately.	56895 Gr 2
D	Lamp Receptacle Complete, for receptacle unit Fig. C. For details and order references, see Plate H3509, Fig. L.	53058-10 Gr 1
1	Cover, for signal head, for use when top marker light is omitted.	45571-16
2	Screw, 5/16"-18 x 1-1/4" hex. hd., with lock washer, for fastening cover Fig. 1 and marker case to main case.	0712-3 53029-5
3	Rivet, 1/4" x 1" rd. hd., for fastening eye-bolts Figs. 4 and 26 to cases.	0869
4	Eye-bolt, 3/8"-16, for case Fig. 6.	39319-20
5	Wing Nut, 3/8"-16, for eye-bolts Figs. 4 and 26.	10117
6	Case, only, for top marker light.	53071-25
7	Rivet, 1/4" x 11/16" rd. hd., hinge pin for door Fig. 17.	0791-1

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Fig. No.	Name	Drawing Reference
	Order by plate, figure number and name	
8	Case, only, for signal head.	53071-26
9	Bolt, 1/2"-13 x 1-1/4" sq. hd., with sq. nut, for fastening main case to lower case.	077-1
10	Case, for lower marker light.	53071-24
11	Guide, for wire.	56893
12	Screw, No. 10-32 x 1/2" fl. hd., for fastening strap Fig. 23 to case.	2602-15
13	Screw, No. 8-32 x 1-1/2" fl. hd., for fastening bushings Fig. 16 to case.	35042-25
14	Bushing, for use between cases.	36710-2
15	Lock Nut, 3/4"-14 for bushing Fig. 14.	0826
16	Bushing, insulation for field wires.	47495-8
17	Door, only, for top marker light.	36727-53
18	Gasket, 23-1/4" lg. for door Fig. 17.	47436
19	Gasket, 4'-4" lg., for door Fig. 20.	47436
20	Door, for signal head.	36727-52
21	Wing Nut, 5/8"-11, for stud Fig. 22.	10118-5
22	Stud, 5/8"-11, for signal head.	980-59
23	Strap, for mounting terminal block.	51432-52

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Fig. No.	Name	Drawing Reference
	Order by plate, figure number and name	
24	Screw, No. 10-32 x 1/2" fil. hd., with lock washer, for fastening terminal block to strap Fig. 23.	12563-1 53029-7
25	Door, only, for lower marker light.	53057-5 Gr 1
26	Eye-bolt, 3/8"-16, for lower marker light.	39319-33
27	Washer, for nut Fig. 30.	3890
28	Gasket, 3'-4" lg., for door Fig. 25.	47436
29	Washer, fibre, for bushing Fig. 16.	684
30	Nut, No. 8-32 x 1/8" th., for screws Figs. 13 and 35.	3891-1
31	Pin, for receptacle unit latch.	1478-2
32	Spring, for nut Fig. 33.	786-64
33	Knurled Nut, No. 10-32, for pin Fig. 31.	846-37
34	Pin, .064" dia. x 3/8" lg., for pin Fig. 31.	2644-18
35	Set Screw, No. 8-32 x 7/16", for locking focus finders Fig. 37.	5100-32
36	Ball, for set screw Fig. 35.	36126-4
37	Focus Finder Complete, for receptacle unit.	51120-4 Gr 1
38	Holder, only, for receptacle unit.	56891
39	Nut, No. 10-32 x 3/8" hex., for locking knurled nut Fig. 46 in place.	40796

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Fig. No.	Name	Drawing Reference
	Order by plate, figure number and name	
40	Incandescent Lamp, 13.5 volts, 17 watts.	34866-25
41	Screw, No. 8-32 x 5/16" rd. hd., with lock washer, for fastening bezel ring Fig. 51 to case, also for fastening blanking disc Fig. 58 to case.	2553-9 53029-4
42	Screw, No. 10-32 x 3/8", rd. hd., with lock washer, for fastening hood and ring Fig. 52 to bezel ring Fig. 51.	2438-12 0622-1
43	Gasket, for roundel and lens.	13014-188
44	Screw, No. 6-32 x 1/4", rd. hd., with lock washer, for fastening clip Fig. 53 to bezel ring Fig. 51.	2613-1 53029-1
45	Hood, for light units.	49127-51
46	Knurled Nut, No. 10-32, for adjusting lamp receptacle.	3605
47	Washer, for springs Fig. 48.	5046-6
48	Spring, for lamp receptacle.	586-32
49	Guide, for positioning receptacle unit on bezel ring Fig. 51.	32518-2
50	Escutcheon Pin, No. 16 x 1/2" for fastening guide Fig. 49 to bezel ring.	0677
51	Bezel Ring, as shown, for receptacle unit.	43983-71
52	Bezel Ring, for roundel and lens.	56904

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Fig. No.	Name	Drawing Reference
	Order by plate, figure number and name	
53	Clip, for fastening inner doublet lens to bezel ring.	53721-26
54	Inner Doublet Lens, 2-3/4" dia., green.	56901
54a	as above, except yellow.	56901-1
54b	same as Fig. 54, except red.	56901-2
54c	same as Fig. 54, except lunar white.	56901-3
54d	same as Fig. 54, except clear.	56901-5
55	Outer Doublet Lens 4" dia., for lens unit.	56902
56	Roundel, 4" dia., for lens unit.	9238-78
57	Disc, Wire Gauze, for use in marker lights only.	48885-2
58	Disc, for blanking out light spaces not used.	39719-20
59	Block Complete, with terminal posts only.	5971-19 Gr 1
60	Nut, No. 14-24 x 5/16" hex., for terminal posts.	42843-1
61	Washer, for terminal posts.	1225-2