



Type SA Color-Light Signal Unit  
With Compound Lenses  
For Repair Parts Only

## Type SA Color-Light Signal Unit With Compound Lenses

Note: This plate is included for ordering repair parts only for the original type of signal with compound lenses.

When ordering new signals complete see Plate H2635.

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

Fig. No.	Name	Drawing Reference
<b>Order by plate, figure number and name</b>		
B	Mechanism Complete, for details and order references see Plates H2643 to H2647.....	
1	Case, housing for mechanism, includes stud for hasp and studs for cams of mechanism.....	{ 53071 441-121 441-122
2	Hair-Line Sight Complete.....	51120-2 Gr. 1
3	Screw, $\frac{3}{8}$ "-16 x $\frac{3}{4}$ " hex. hd., for fastening sight to case.....	21931-3
4	Washer, $\frac{1}{16}$ " th. for screw Fig. 3.....	19867-2
5	Spacer, as shown $2\frac{1}{2}$ " lg., for background.....	53112-2
5a	as above, except $\frac{3}{4}$ " lg.....	53112
6	Background, as shown, for signal.....	49162-25
7	Screw, $\frac{3}{8}$ "-16 x 3" lg., hex. hd., for fastening background to case.....	2472-17
7a	as above, except $1\frac{1}{4}$ " lg. for use with spacer Fig. 5a for fastening background to case.....	2472-12
8	Adapter, as shown, for use with $8\frac{3}{8}$ " dia. lens.....	54243-1
9	Screw, $\frac{5}{16}$ "-18 x $\frac{3}{4}$ ", fil. hd., with lock washer, for fastening outer ring to adapter.....	{ 16398-4 0623-1
10	Outer Ring, as shown, for use with $8\frac{3}{8}$ " dia. lens.....	43983-35
11	Hood, for signal.....	49127-19
12	Screw, No. 10-32 x $\frac{1}{4}$ " rd. hd., for fastening hood to adapter....	2438-9
13	Lens, $8\frac{3}{8}$ " dia., $11\frac{1}{2}$ " focus.....	54249-2
14	Gasket, for use between $8\frac{3}{8}$ " dia. lens and adapter.....	13014-57
15	Screw, $\frac{5}{16}$ "-18 x 1" fil. hd., with lock washer, for fastening adapter to case.....	{ 16398-2 0623-1
16	Lock Latch, as shown, threaded $\frac{1}{2}$ "-24 for hasp nut.....	53106
16a	as above, except threaded $\frac{1}{2}$ "-13.....	53106-1

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Fig. No.	Name	Drawing Reference
<b>Order by plate, figure number and name</b>		
17	Hasp, as shown includes nut, threaded $\frac{1}{2}$ "-24.....	9524 9525 7568
17a	as above, except threaded $\frac{1}{2}$ "-13.....	9524 9525-6 7568
18	Door Complete, for case, includes gasket, latch, hasp and all riveted parts.....	53057 Gr. 1
19	Pin, $\frac{3}{8}$ " x $1\frac{1}{16}$ " with cotter, hinge for door.....	730-33 0663
20	Pin, $\frac{7}{16}$ " x $1\frac{1}{16}$ ", with cotter, as shown, for fastening case to bracket.....	730-21 0663
22	Taper Pin, No. 2 x $1\frac{1}{2}$ ", for fastening stud Fig. 34 to bracket Fig. 27.....	46463
23	Taper Pin, No. 2 x $1\frac{1}{4}$ ", for fastening stud Fig. 24 to signal case.....	28349
24	Stud, as shown, for obtaining vertical adjustment of signal unit..	980-10
25	Nut, $\frac{3}{4}$ "-10 hex., for studs Figs. 24 and 34.....	0272-1
26	Bracket, for supporting signal unit.....	53092-1
27	Bracket Complete, as shown, for attaching to 4", 5", or 6" dia. pipe. Includes screw Fig. 32 and nut. Fig. 33.....	53249-2 Gr. 1
27a	as above, except 23" lg., for use when signal unit is mounted in front of pipe.....	53249-3 Gr. 1
28	U Bolt, for mounting bracket to 5" pipe. Includes nuts and washers.....	16209-4 Gr. 1
29	U Bolt, for mounting bracket to 4" pipe. Includes nuts and washers.....	16209-5 Gr. 1
30	U Bolt, for mounting bracket to 6" pipe. Includes nuts and washers.....	16209-6 Gr. 1
31	Nut, $\frac{5}{8}$ "-11 hex., for U bolt.....	645

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Fig. No.	Name	Drawing Reference
<b>Order by plate, figure number and name</b>		
32	Screw, $\frac{1}{2}$ "-13 x $1\frac{1}{2}$ " cup pt., for locking stud Fig. 34 after horizontal adjustment of signal has been made. . . . .	40426
33	Nut, $\frac{1}{2}$ "-13 hex., lock for screw Fig. 32. . . . .	1048
34	Stud, as shown, for obtaining horizontal adjustment of signal. . . . .	980-11
35	Glass, with deflecting prisms. . . . .	54264
36	Holder, for glass Fig. 35. . . . .	54248-1
37	Screw, No. 8-32 x $\frac{1}{4}$ " rd. hd., for fastening holder Fig. 36 to adapter. . . . .	2553-11
40	Nut, $\frac{3}{4}$ "-10 hex., for studs Figs. 24 and 34. . . . .	646-3
41	Adapter, as shown, for use with $8\frac{3}{8}$ " dia. outer lens and $6\frac{3}{8}$ " dia. inner lens. . . . .	54243-2
42	Adapter, as shown, for use with 8" dia. lens. . . . .	54243
43	Screw, $\frac{5}{16}$ "-18 x $1\frac{1}{2}$ " fl. hd. with lock washer, for fastening rings Figs. 10 and 47 to adapter. . . . .	53116-1 0623-1
44	Lens, 8" dia., 13" focus, for use with lens Fig. 53. . . . .	54249-1
45	Deflecting Roundel, $8\frac{3}{8}$ " dia., deflects part of main beam through an angle of 20 degrees to one side of the beam axis. For use on curved track. . . . .	9238-38
46	Outer Ring, as shown, for use with 8" dia. lens. . . . .	43983-54
47	Ring, as shown, for $8\frac{3}{8}$ " dia. lens. . . . .	43983-46
48	Gasket, for use between 8" dia. lens and adapter. . . . .	13014-89
49	Cover, for adapter. . . . .	55030
50	Spredlite Roundel, $6\frac{3}{8}$ " dia., 25 degree spredlite also deflects part of main beam downward through an angle of 25 degrees. . . . .	9238-65
51	Gasket, for roundel Fig. 50. . . . .	13014-47
52	Screw, No. 8-32 x $\frac{3}{8}$ " rd. hd. with clip and washer, for fastening roundel, Fig. 50, to adapter. . . . .	2553-11 18547-15 43058-1
53	Lens, 4" dia., $6\frac{1}{2}$ " focus, for use with lens Fig. 44. . . . .	54249

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Fig. No.	Name	Drawing Reference
<b>Order by plate, figure number and name</b>		
54	Screw, No. 8-32 x 1/2" rd. hd., with lock washer and clip, for fastening lens Fig. 53 to adapter.....	{ 2553-15 { 43058-1 { 18547-25
55	Gasket, for lens Fig. 53.....	52983-2