



A-B
Type SA Inoperative Mechanism

Type SA Inoperative Mechanism For Type SA Marker Lights and Fixed Arms

Note: Mechanisms shown on this plate may be used with Type SA Marker Lights and Fixed Arms as shown on Plate H2639.

These mechanisms will operate on d-c. or a-c. any voltage or frequency by installing the proper lamp.

Lamp Fig. 14 is not included with mechanism complete and must be ordered separately.

If other colors than red, as listed below, are required, same will be furnished when specified.

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 SA Inoperative Mechanism Complete, as shown, equipped with red disc Fig. 19, for use with stepped lens signals.....	53052-18 Gr. 3
A1	as above, except with one ohm resistor Fig. E.....	53052-38 Gr. 3
A2	same as Fig. A, except with five ohm resistor Fig. E1.....	53052-39 Gr. 3
B	Type SA Inoperative Mechanism Complete, equipped with red disc Fig. 19 and lens Fig. 42, for use with compound lens signal	53052-18 Gr. 4
B1	as above, except with one ohm resistor Fig. E.....	53052-38 Gr. 4
B2	same as Fig. B, except with five ohm resistor Fig. E1.....	53052-39 Gr. 4
C	Reflector Holder Complete, comprises lamp receptacle and parts Figs. 1, 2, 4, 13, 15 and 16.....	53056-1 Gr. 1
D	Lamp Receptacle Complete, as shown, with leads for 1/4" to 5/16" terminal posts.....	53058-5 Gr. 2
D1	as above, except 1/4" terminal posts.....	53058-5 Gr. 3
E	Resistance Unit Complete, one ohm, 2.5 amps., with mounting screws.....	55945-1 Gr. 3
E1	as above, except five ohms, 1 amp.....	55945-1 Gr. 1
1	Holder, for reflector unit Fig. C, includes studs for mounting receptacle riveted in place.....	53068-2 441-120
2	Washer, for use between pad and holder, for reflector.....	590-25
3	Plate, for mounting terminal block.....	41885-21
4	Pad, for use behind reflector.....	1533-32
5	Block Complete, includes screws used as terminal posts.....	46048-10 Gr. 3
6	Nut, No. 14-24, for terminal posts.....	42843-1

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Fig. No.	Name	Drawing Reference
Order by plate, figure number and name		
7	Screw, No. 10-32 x $\frac{1}{2}$ " rd. hd., for fastening plate Fig. 3 to case . . .	2438-1
8	Lock Washer, for screw Fig. 7	53029-7
9	Washer, for terminal posts	1225-2
10	Nut, No. 10-32 x $\frac{1}{4}$ " hex., for screw Fig. 12	577-7
11	Name Plate, includes escutcheon pins, for fastening to case	401-180 0677-1
12	Screw, No. 10-32 x $\frac{7}{8}$ " rd. hd., for fastening terminal block to plate	2438-18
13	Reflector, glass, as shown	53122
14	Incandescent Lamp, 2 pin, candelabra single contact bayonet base S-8 bulb, single filament, 1000 hour rating, 11.3 volts, 13.3 watts, recommended for operation on 10 volts	34866-32
14a	as above, except S-11 bulb, single filament, 1000 hour rating, 8 volts, 10 watts, recommended for operation on 7.2 volts	34866-43
14b	same as Fig. 14, except S-11 bulb, major and minor filaments in multiple, 1000 hour rating, 8 volts, 13+3.5 watts, recommended for operation on 7.2 volts	34866-37
14c	same as Fig. 14, except S-11 bulb, single filament, 1000 hour rating, 9 volts, 15.3 watts, recommended for operation on 8 volts	34866-34
14d	same as Fig. 14, except S-11 bulb, major and minor filaments in multiple, 1000 hour rating, 10 volts, 13+3.5 watts, recommended for operation on 9 volts	34866-60
14e	same as Fig. 14, except S-11 bulb, single filament, 1000 hour rating, 10 volts, 25 watts, recommended for operation on 9 volts	34866-47
14f	same as Fig. 14, except S-11 bulb, single filament, 2000 hour rating, 13.5 volts, 17 watts, recommended for operation on 12 volts	34866-25
14g	same as Fig. 14, except G-16 $\frac{1}{2}$ bulb, single filament, 1000 hour rating, 115 volts, 25 watts, recommended for operation on 110 volts	34866-45

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Fig. No.	Name	Drawing Reference
Order by plate, figure number and name		
14h	same as Fig. 14, except S-11 bulb, single filament, 1000 hour rating, 4 volts, 3 watts, recommended for compound lens signals only, for operation on 4 volts.....	34866-35
14j	same as Fig. 14, except S-11 bulb, single filament, 1000 hour rating, 8 volts, 5 watts, recommended for compound lens signals only, for operation on 8 volts.....	34866-55
14k	same as Fig. 14, except S-11 bulb, major and minor filaments in multiple, 1000 hour rating, 8 volts, 5+3.5 watts, recommended for compound lens signals only, for operation on 8 volts.....	34866-58
14m	same as Fig. 14, except S-11 bulb, single filament, 1000 hour rating, 10 volts, 5 watts, recommended for compound lens signals only, for operation on 10 volts.....	34866-38
15	Screw, No. 4-36 x 1/4" fl. hd., for fastening retainer to holder.....	35699-2
16	Retainer, for reflector.....	45647-5
17	Plate, for holding color disc in place.....	55790
18	Screw, No. 6-32 x 1/4" rd. hd., with lock washer, for fastening plate Fig. 17 to case.....	2613-1 53029-1
19	Color Disc Complete, red, A.A.R. Standard, assembled in retaining cup.....	53073 Gr. 2
19a	as above, except yellow with one side depolished, A.A.R. Standard	53073 Gr. 12
19b	same as Fig. 19, except green, pre-cracked, A.A.R. Standard....	53073 Gr. 3
19c	same as Fig. 19, except purple, A.A.R. Standard.....	53073 Gr. 7
20	Cover Plate, for bottom of case.....	5718-15
21	Lock Washer, for screw Fig. 22.....	53029-8
22	Screw, 1/4"-20 x 1 3/4" rd. hd., for fastening cover plate to case, four required.....	15287-22
23	Screw, No. 8-32 x 7/8" rd. hd., used as shown.....	2553-21
24	Clip, for holding connectors in place.....	58114-1
25	Plate, for mounting receptacle on holder.....	58104

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Fig. No.	Name	Drawing Reference
Order by plate, figure number and name		
26	Washer, used as insulation, six required	493-18
27	Washer, for screws Figs. 23 and 32	1225-26
28	Lock Washer, for screws Figs. 23 and 32	43058
29	Receptacle, as shown	34864-13
30	Plunger, for contacting lamp base	53107-5
31	Spring, for plunger, as shown	786-64
32	Screw, No. 8-32 x 1 1/4" rd. hd., used as shown	2553-23
33	Block, only, for receptacle	53091-2
34	Washer, for screw Fig. 32	2534-1
35	Nut, No. 8-32 x 1/8" hex., for screws Figs. 23 and 32	3891-1
36	Nut, No. 10-32 hex., for stud on reflector holder	46277-1
37	Nut, No. 10-32 x 1/8" hex., for stud, as shown	40796
38	Terminal, for plunger Fig. 30	53108
39	Spring, for receptacle	586-32
40	Nut, No. 10-32, cup-shape, for spring	20673-2
41	Spring, for holding lens in case	51107-6
42	Lens, 4 1/2" dia., 6 1/2" focus, for compound lens units	54240-3
43	Gasket, rubber, for use between lens and case	52983-3
44	Sleeve, for spring Fig. 41	15284-17
45	Screw, No. 8-32 x 5/16" rd. hd., with lock washer, for fastening resistance unit Fig. E to holder Fig. 1	{ 2553-9 { 53029-4