



# INSTALLATION AND MAINTENANCE

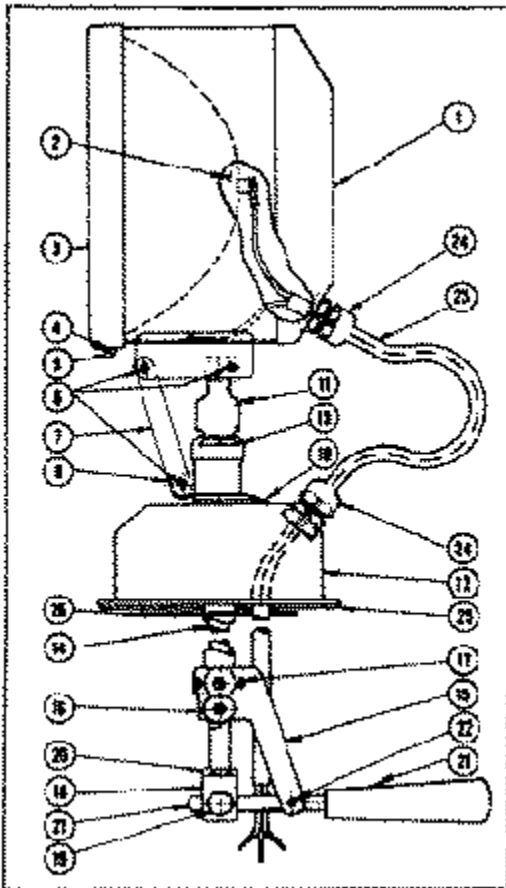
escutcheon plate (Key 26) over control rod and mark 4 mounting hole locations on ceiling. Remove escutcheon plate and drill 4 starter holes for #8 wood screws as marked. Attach escutcheon plate to ceiling using 4 mounting screws provided (Key 27) Replace fulcrum, nut, control rod, bracket, pivot bearing, control handle and roll pin, in that order. Control handle should face aft when searchlight is facing forward. To adjust alignment, loosen nut (Key 13) and rotate control handle and fulcrum assembly until lined up with searchlight head. Retighten nut. **NOTICE** - Do not overtighten set screws (Key 6) in fulcrum. These specially designed set screws provide a guide for the fulcrum for horizontal movement of the searchlight, and therefore, are not intended to lock tight against the control rod. Excessive drag and possible damage to the set screw could result from overtightening. Drag for the horizontal movement can be adjusted according to the operator's feel by tightening the top adjusting knob (Key 16). Likewise, drag for the vertical movement can be adjusted by tightening the bottom adjusting knob (Key 16)

**WIRING INSTRUCTIONS:** Use 12 gauge stranded copper wire for up to 35' (10.6 m). For greater distances, use 10 gauge stranded copper wire. Use a switch with an amperage rating of no less than the amperage of the searchlight (see chart). The green lead in the cable is intended for D C bonding (grounding) of the searchlight.

**CHANGING BULB:** Make sure power is off. Remove bulb clamp ring and remove bulb, disconnecting wires from rear of bulb. After connecting wires securely to replacement bulb, (see chart on reverse side) install bulb in housing and replace clamp ring. Before tightening clamp, position bulb top Indicator to top center of housing. Turn unit on to test.

**MAINTENANCE:** Clean the bulb periodically with a soft, lint free cloth for best efficiency. Apply a coat of all-weather grease to all moving parts as needed. Periodically check bolts and set screws for tightness.

**CAUTION** Bulb and housing are hot during operation. Do not touch during or immediately after use. Minor burns can result.



## PART LISTS

Key Description	PART NUMBER		Qty.
	Chrome Models	White Models	
1** HOUSING KIT	43700-1000	43700-1010	1
2 BULB 12 V	43990-0048	43990-0048	1
24 V	66165-0000	66165-0000	1
32 V	98040-0080	98040-0080	1
3** BULB RIM KIT	43990-0039	43990-0057	1
4 SCREW	91030-0679	91030-0679	1
5 NUT	63175-0000	63175-0000	1
6** SETSCREW	43639-0002	43639-0002	6
7 FULCRUM STRAP	43707-1000	43707-1010	1
8** FRICTION COLLAR KIT	43708-1000	43708-1010	1
9** SLEEVE BEARING KIT	43639-0003	43639-0003	1
10 STOP COLLAR INCLUDED IN	43708-KITS		
11 BELLOWS COVER	43710-1000	43710-1000	1
12** BASE KIT	43711-1000	43711-1010	1
13 LOCK NUT (3/4")	43742-0000	43742-0000	1
14** VERT. CONTROL ROD KIT	43714-1000	43714-1010	1
15 FULCRUM	43716-1000	43716-1010	1
16 ADJUSTING KNOB	92851-0215	92851-0215	2
17 SETSCREW	96091-0103	96091-0103	2
18 CONTROL ROD BRACKET	43717-1000	43717-1010	1
19 PIVOT BEARING	43718-0000	43718-0000	1
20 NUT (1/2")	91085-0510	91085-0520	1
21** CONTROL HANDLE KIT	43719-1000	43719-1010	1
22 ROLL PIN	93100-0222	93100-0222	1
23 CORD KIT	43723-0000	43723-0000	1
24 CONNECTOR	43724-0000	43724-0000	2
25 GASKET FOR BASE	43721-0000	43721-0000	1
26** ESCUTCHEON PLATE	43722-1000	43722-1010	1
27* MOUNTING SCREWS #8	92852-0099	92852-0099	8

\* Not Shown

\*\*Kits contain essential hardware

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THE PRODUCTS DESCRIBED HEREIN ARE SUBJECT TO THE JABSCO ONE YEAR LIMITED WARRANTY, WHICH IS AVAILABLE FOR YOUR INSPECTION UPON REQUEST.