

# **GUEST®**

**MODEL 729493**

**BULB REPLACEMENT KIT  
FOR 500, 501 and 502 SERIES REMOTE  
SPOTLIGHTS**

**INSTRUCTIONS**

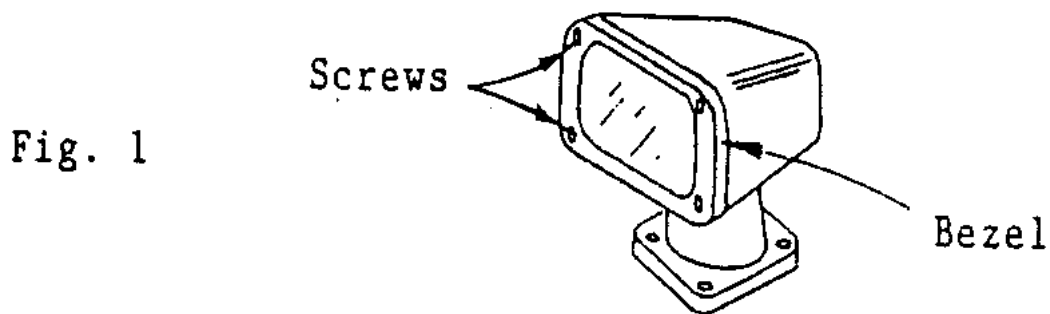
**Tools Required:**

Phillips screwdriver

Wire cutters / Stripper

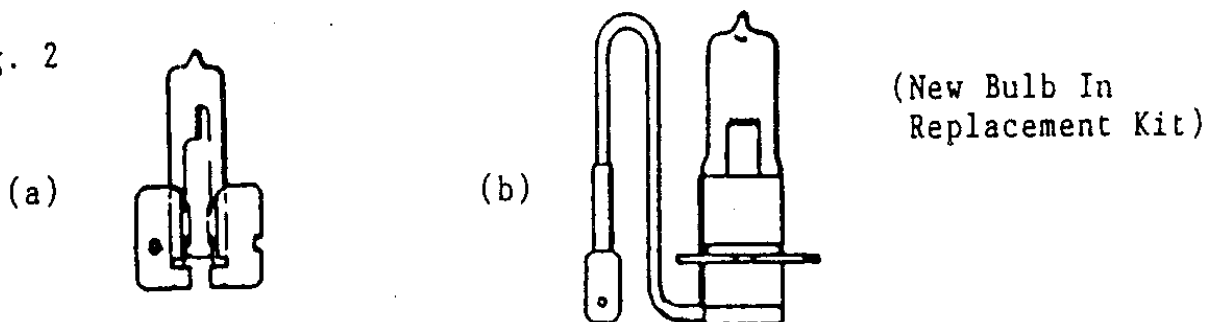
Electrical crimping tool

1. Move the Light to the full up (highest elevation) position then disconnect power to the Light.
2. Remove the Bezel by removing each of the 4 screws holding it to the Main Housing (See Fig. 1). Do not remove the Reflector Assembly.



3. Retain the screws for re-use but discard the 4 sealing washers found under the head of each screw.
4. Remove the gasket from the back of the Bezel and discard the old gasket.
5. Install the new gasket (adhesive side to Bezel) in the Bezel.
6. Remove the lens from the reflector. Clean and retain for re-use.
7. Compare your bulb with the bulbs in Fig. 2.

Fig. 2



## IMPORTANT

NOTE: IF YOUR BULB IS THE SAME AS (b) GO TO STEP 8. If your bulb is the same as (a) the following steps must be taken in order to fit the replacement bulb to your light.

- a. Carefully remove the reflector. DO NOT touch the reflective surface of the reflector.
- b. Disconnect the two (2) red wire leads from the back of the bulb holder assembly.
- c. Place the reflector face down on a clean, flat surface.
- d. Examine the back of the reflector to determine the type of bulb holder assembly, which is used in your light. (See Figure 3a, 3b, & 3c)

Fig. 3a

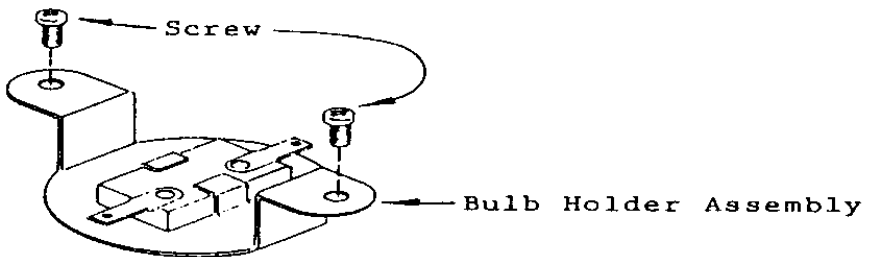


Fig. 3b

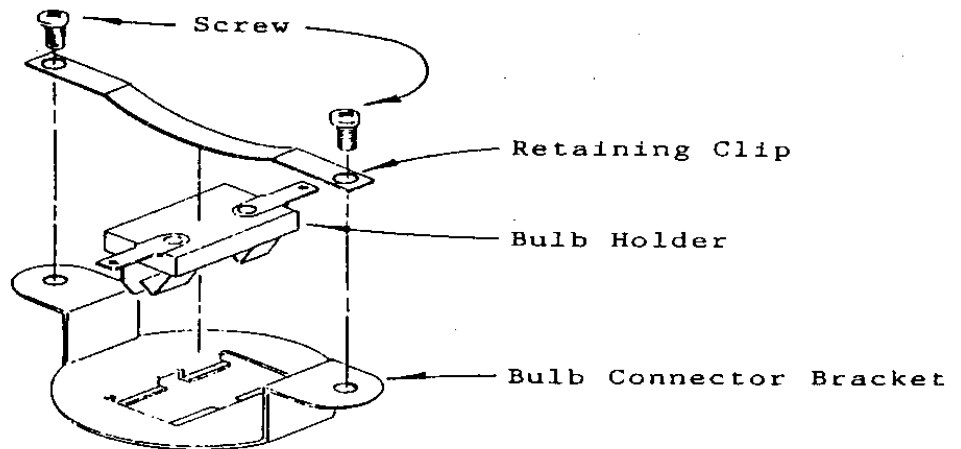
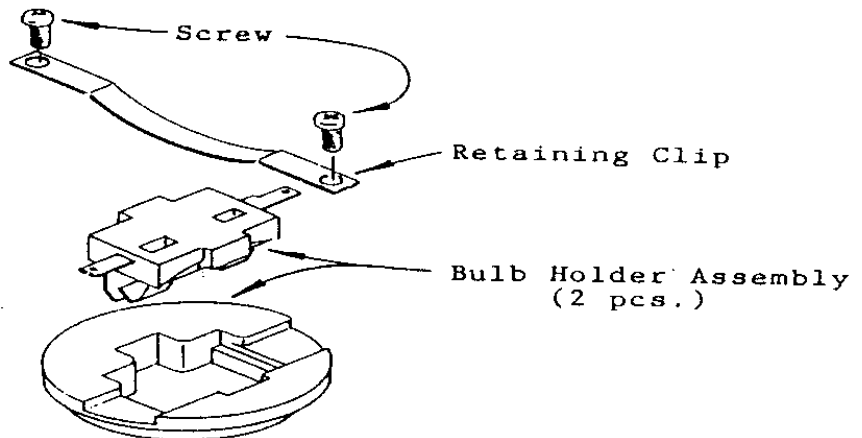


Fig. 3c



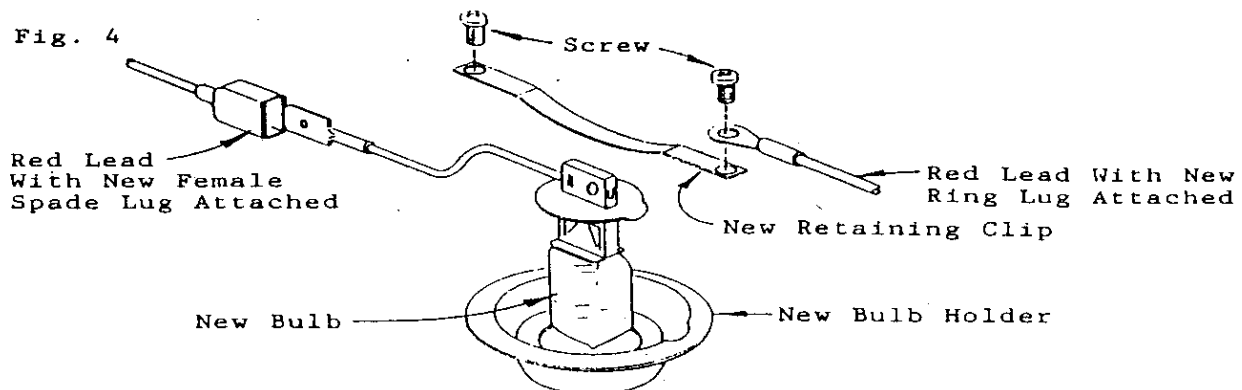
e. For Fig. 3a TYPE:

1. Remove the two (2) screws from the bulb holder assembly & retain the screws.
2. Remove the bulb holder assembly from the reflector and discard the bulb holder assembly.

For Fig. 3b and 3c TYPE:

1. Remove the two (2) screws from the retaining clip & retain the screws.
2. Remove the retaining clip and the bulb holder assembly from the reflector and discard the clip and bulb holder assembly

- f. In the main body of the lamp housing, locate the two (2) red wire leads. Using wire cutters, snip off the female spade lugs on each of the two (2) red leads, as close to the lug as possible.
- g. Strip off the insulation on each of the wire leads to expose approximately  $\frac{1}{4}$ " of bare wire.
- h. Using a crimping tool, securely attach the new female spade lug to one of the red leads and the ring lug to the other red lead. NOTE: POLARITY IS NOT IMPORTANT.
- i. Install the new bulb holder in the back of the reflector, cone side down (See Fig. 4)



j. Remove the new bulb from its box. (See Fig. 4)

**IMPORTANT: DO NOT TOUCH THE GLASS PORTION OF THE BULB: HOLD THE BULB BY ITS WIRE. IF YOU NEED TO TOUCH THE BULB BY THE GLASS DO SO WITH A PAPER TOWEL.**

Due to the very high operating temperatures, any contamination will be vaporized. It will deposit itself on the reflector and lens. While holding the bulb by its wire, install the bulb holder with the key on the base fitted into the keyway in the bulb holder.

- k. With the new bulb in place, position the new retaining clip over the bulb and align the holes in the clip with the holes on the raised bosses on the back of the reflector.
- l. Replace the two (2) screws, which hold the retaining clip in place.  
NOTE: Be sure to install the red wire with the new ring lug attached to the right hand side of the retaining clip. Align the holes in the lug, retaining clip, and raised boss before installing the right hand side screw. (See FIG. 4)
- m. Connect the red lead wire with the new female spade lugs attached to the male spade lug of the bulb.
- n. With all the connections in steps l & m complete, reposition reflector into lamp housing.
- o. To complete the reassembly procedure, proceed to step 9.

8. Carefully remove the reflector. DO NOT touch the reflective surface of the reflector

- b) Disconnect the red wire lead with the spade lug from the bulb lead wire.
- c) Disconnect the other red lead wire with the ring lug by removing the right hand screw on the retaining clip. Retain the screw.
- d) Place the reflector face down on a clean flat surface.
- e) Remove the other screw from the retaining clip. Retain the screw
- f) Remove the retaining clip and the old bulb. Retain the retaining clip and discard the old bulb.
- g) Remove the new bulb from its box. (See FIG. 4)

**IMPORTANT: DO NOT TOUCH THE GLASS PORTION OF THE BULB! HOLD THE BULB BY ITS WIRE. IF YOU NEED TO HOLD THE BULB BY THE GLASS DO SO WITH A PAPER TOWEL.**

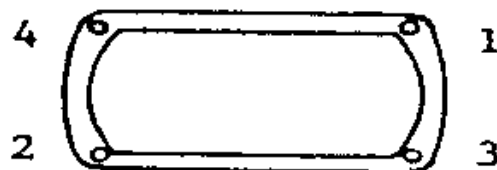
Due to the very high operating temperatures, any contamination will be vaporized. It will deposit itself on the reflector and lens.

While holding the bulb by its wire, install the bulb holder with the key on the base fitted into the keyway in the bulb holder.

- h) With the new bulb in place, position the retaining clip over the bulb and align the holes in the clip with the holes on the raised bosses on the back of the reflector.
- i) Install the screw on the left hand side of the retaining clip first.

- j) Reconnect the red wire lead with the ring lug to the right hand side of the retaining clip. Be sure to align the holes in the lug, retaining clip and raised boss before installing the remaining screw. (See FIG. 4)
  - k) Reconnect the red lead wire, with the female spade lug, to the male spade lug of the bulb.
  - l) With all the connections in steps j & k complete, reposition reflector into lamp housing.
9. Optional – Any contamination that found its way onto the new bulb will fog the reflector during operation. If you suspect contamination, follow these steps:
- a. Reconnect power to the light
  - b. Turn on light for 1 to 3 minutes.
- DANGER**  
**NEVER LOOK INTO LIGHT WITHOUT LENS IN PLACE.**  
**PERSONAL INJURY COULD RESULT.**
- c. Disconnect power to the light.
10. Install the glass lens.
11. Install the Bezel (with its new gasket in place) using the 4 screws you retained in step 3. Place a new sealing washer on each screw. NOTE: Start all 4 screws and then tighten each screw two turns in sequence until all are snug. Do not over tighten.

**TIGHTENING SEQUENCE**



12. Reconnect power to the light. You are ready to resume operation.

Tel: (707) 226-9600  
Fax: (707) 226-9670

Email: [info@marinco.com](mailto:info@marinco.com)  
Website: [www.marinco.com](http://www.marinco.com)