

The Recharger's Quick Release Mounting Bracket

Turning the recharger cradle upside down, you will see a release pin on the same side as the power cord (Fig. 11). Depressing this pin with either a fingernail or closed end of a ballpoint pen will release the mounting bracket for installation. When locating and mounting the bracket, be sure that the release pin (Fig. 12) faces in the same direction as you want the head of the flashlight to be.

Note: Because of the innumerable places that can be chosen for mounting, there are no screws or fasteners supplied. Be sure to use fasteners that give maximum holding power for repeated use.

Two mounting brackets are included for location versatility (see page 9).

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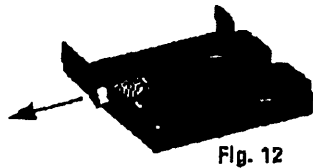


Fig. 12

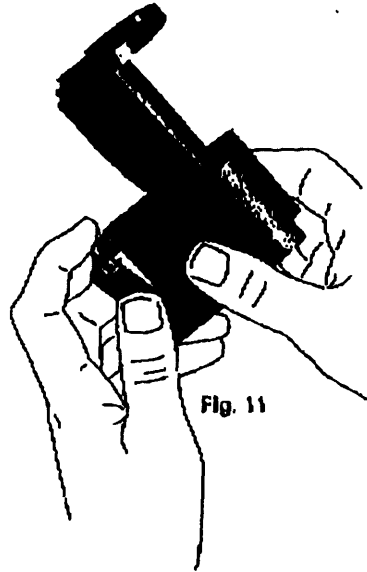


Fig. 11

The preceding has covered the operational basics of your new Mag-Lite® Rechargeable Flashlight System. Following is a more in-depth look at the flashlight, how to change the lamp and some suggestions for mounting and wiring your recharger.

Changing the Lamp The Halogen Lamp

For the ultimate in flashlight power as well as practicality, the Mag-Lite® Rechargeable Flashlight System features a halogen, tungsten filament, pin-type replaceable lamp (bulb). Though small in size, its specifications are large: 6 volts, 11 watts and a rating of 50 hours. The energy generated in the rechargeable system activates the halogen gas to the optimum level, thereby assuring maximum optical performance.

Caution: Allow lamp to cool before removing. This lamp is pressurized and may shatter. Do not operate lamp in excess of rated voltage as this will increase pressure and the risk of shattering. Protect lamp against abrasions and scratches, and against liquids when lamp is operating. To guard against personal injury, wear protective eyeglasses and clothing when handling lamp. Turn power off when installing and before removing lamp. Dispose of lamp with care. Do not operate in proximity to substances or materials that are flammable or adversely affected by heat or drying.



Lamp Assembly / Switch Retainer

- Gas-filled Pin-type Lamp
- Insulator
- Lamp Assembly Retainer
- Cam Followers (both sides)
- Switch Retainer



Caution: Never attempt to touch lamp within 2 minutes of its last "on-time". Serious burns may result.

Removing the Lamp

1. Holding the largest part of the flashlight's head, unscrew the face cap. The reflector assembly will come out with the face cap. This is factory assembled and should not be taken apart (Fig. 13).
2. Holding the barrel in one hand (Fig. 14), gently lower the head till it touches the recharge module (two silver rings). This reveals the lamp for replacement.
3. Grasp the lamp firmly (Fig. 16) with thumb and forefinger. Pull straight up until lamp's pins are clear of receptacle. Do not dispose of old lamp in fire or trash compactor.

Note: Lamp is pin-type; do not apply excessive pressure.

4. The New Lamp

Line up the new lamp's pins (Fig. 15) with the 2 holes in receptacle and apply a straight downward pressure.

Note: The receptacle is spring-loaded and the entire unit (receptacle) will move down about 1/4 inch. When the glass of the lamp touches the receptacle, release pressure and let go.

5. Raise the head of the light (Fig. 13) to its full up position. Reinsert face cap and reflector assembly and screw on tightly.

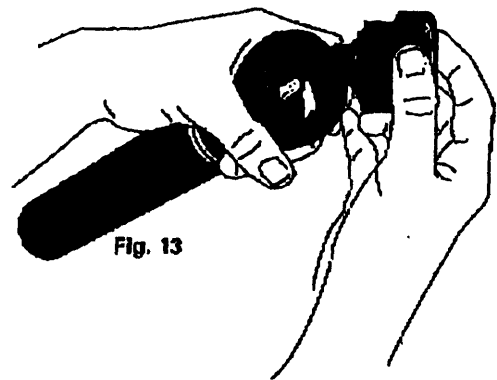


Fig. 13

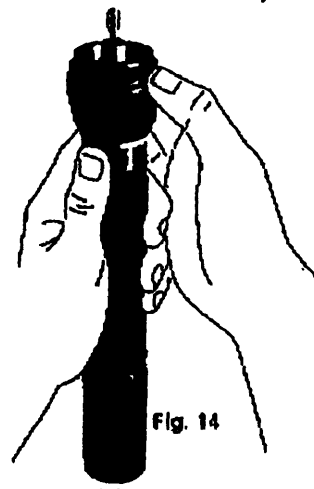


Fig. 14

For the Best Spot and Beam Focus

To obtain the best "spot pattern" and beam focus it is important to center the bulb in the bottom opening in the parabolic reflector. The bulb has two pins which allow for this adjustment. After inserting the bulb in the receptacle, apply a slight pressure on the bulb with your thumb and index finger to obtain alignment (Fig. 16). Place the reflector over the bulb and look through the clear lens to visually inspect for proper centering. Re-adjust as required. Gently wipe bulb surface with a clean, soft cloth to remove fingerprints.

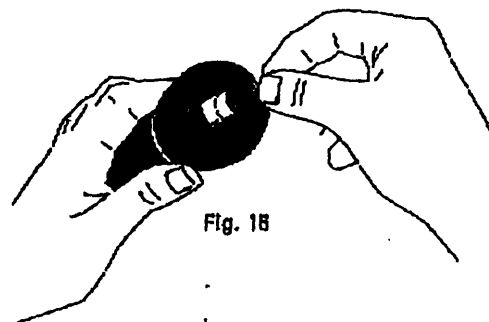


Fig. 15

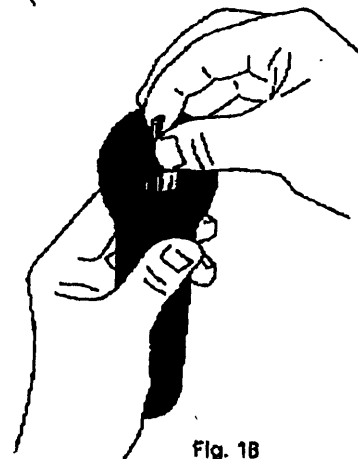


Fig. 16