

- Saturate clean, soft, lint-free cloth with isopropyl alcohol.
- Wipe reflector in **one** direction only.
- Use clean, dry cloth and wipe lightly in the **same direction** to remove all alcohol.

For stubborn stains, clean the reflector using Pelton & Crane reflector cleaning kit (HB9-017134). Use same procedure for cleaning as previously outlined.

The **rear** surface of the reflector may be cleaned as necessary using a soft cloth dampened with a mild detergent. Take care not to permit cleaning solution to contact front surface.

3.03 Replacing Lamp (Figure 10)—To replace the lamp, the following procedure should be performed:

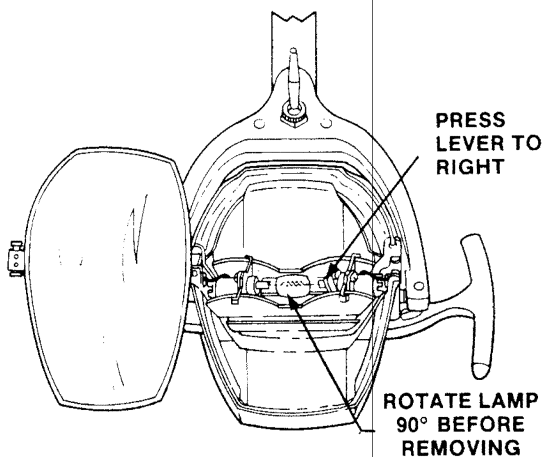


FIGURE 10—REPLACING LAMP

WARNING: TO AVOID BURNING FINGERS OR HAND, ENSURE LAMP IS OFF AND COOL.

- Open rear of light by depressing small pin on side of light frame. Rotate lamp 90° so edge can be held with fingers.
- Hold lamp with left hand and press lever to right side with right hand. Remove lamp by gently pulling out.

CAUTION: USE TISSUE TO HOLD NEW LAMP WHILE INSTALLING. DO NOT TOUCH NEW LAMP WITH BARE FINGERS. CONTAMINATION MAY SHORTEN LAMP LIFE. IF TOUCHED, CLEAN WITH WATER AND DRY WITH CLEAN CLOTH TO REMOVE FINGERPRINTS.

- Install replacement lamp with exhaust tip **away** from reflector. Close reflector.

3.04 Focusing Lamp (Figure 11)—To focus the lamp, the following procedure should be performed:

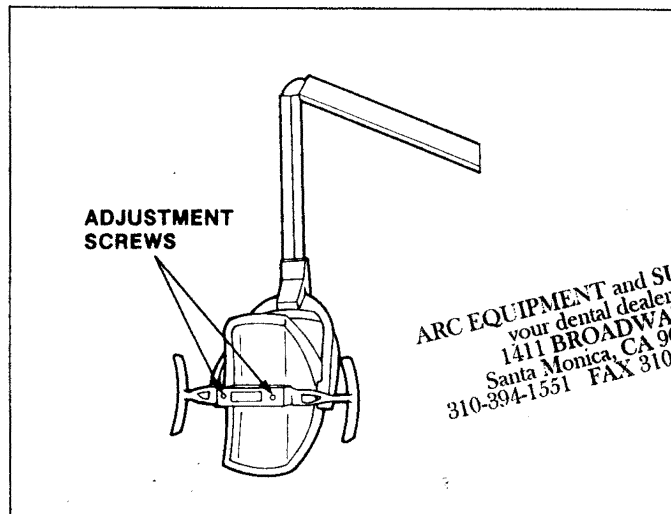


FIGURE 11—ADJUSTMENT SCREWS FOR FOCUSING LAMP

NOTE: The lamp focus is factory set for an optimum pattern 27" (68.6 cm) from the oral cavity. This results in an excellent pattern in an 18" (45.7 cm) to 36" (91.4 cm) range from the oral cavity. The lamp may also be refocused for an optimum pattern at other operating distances.

- Turn **two** screws on front of light **clockwise** until both screws are tight. The patterns will now be partially overlapped as shown in Pattern A in Figure 12.
- Turn each screw **counterclockwise** equally one turn at a time until the patterns are superimposed as shown in Pattern B in Figure 12.
- Inspect for optimum pattern by blocking out one half of the light. If the pattern appears to shift, further adjustment is required. Otherwise, focusing of the lamp is completed.
- If patterns are irregular as shown in Pattern C in Figure 12, turn **only one screw** until the patterns are superimposed.