

Installation-Wall Mount Surgery Light

1. Remove upper and lower covers from mounting plate by removing four cover screws.
2. Using the mounting plate as a template, mark and pre-drill the mounting holes (use 3/16 drill bit).
Note: Recommended height is 83 inches (2108mm) to center of post.
3. Install the mounting plate using two wood screws (060.1425.00) and two flat washers (065.2500.00).

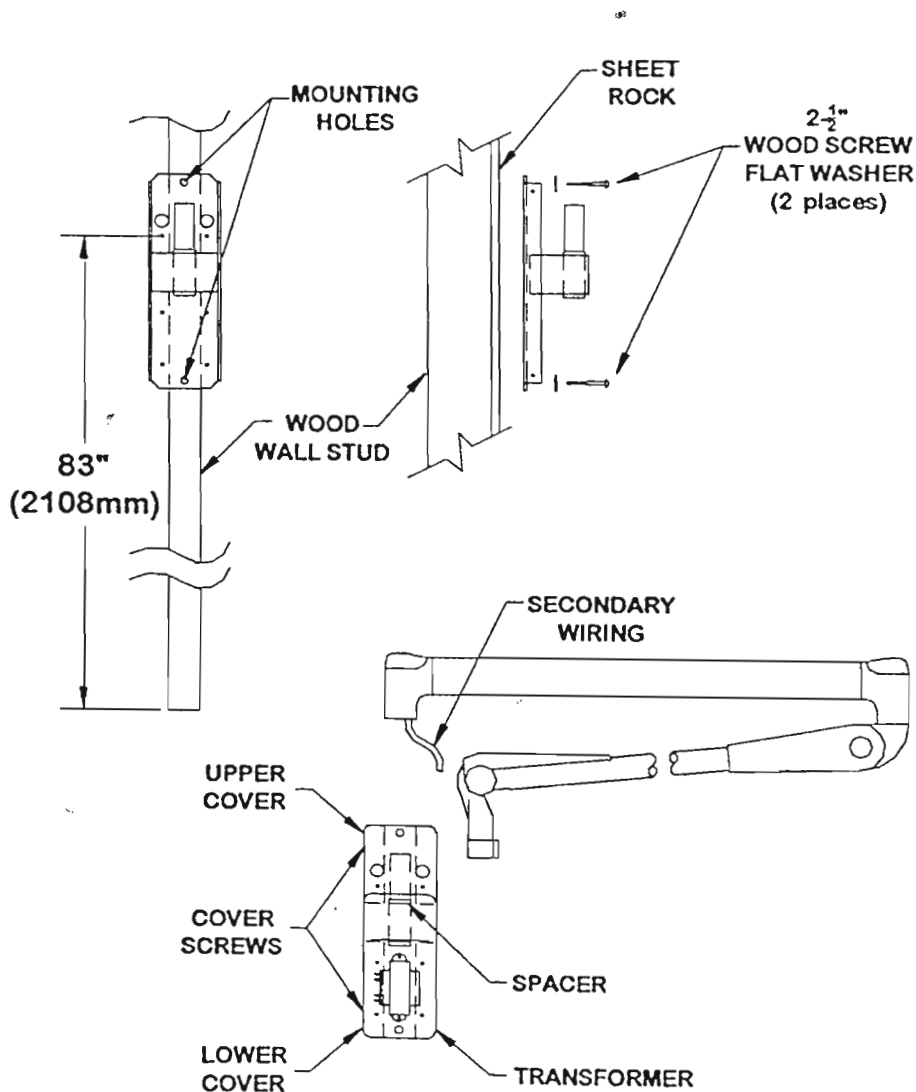


Fig. 1 Mounting plate installation

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4. Route and secure mains power through one of two access holes.

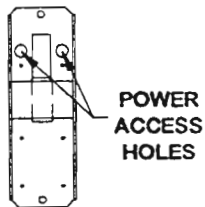


Fig. 2 LOCATION OF POWER ACCESS HOLES

5. Wire primary of transformer for the input mains voltage supplied. (see wiring detail, page 23)

WARNING! Do not energize circuit at this time!

6. Re-install upper cover. Verify spacer is installed.

7. Install arm to wall mount post and connect secondary circuit. (see wiring detail, page 23)

8. Install light head to arm.

WARNING! The spring lock (6) secures the spring and must not be removed until the head is attached. Remove the screw (7) on the locking sleeve (5), push back the plastic tab on the locking sleeve (5) with a flat screwdriver blade and push the locking sleeve (5) up. Extract the metal clip (2). Push the head slip ring attachment (3) into the arm receptacle (1) so that the groove (3) becomes visible in the slit (4). Replace the metal clip (2) and push locking sleeve (5) downward to lock. Re-install screw (7). Remove spring lock (6).

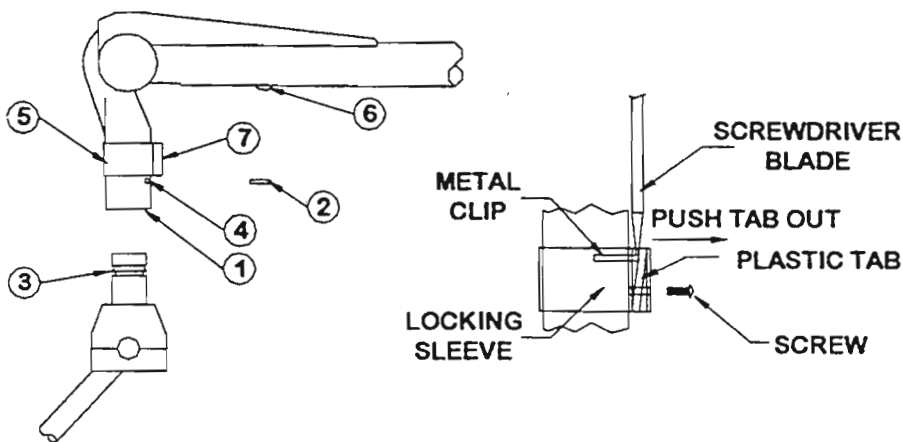


Fig. 3 INSTALLATION OF LIGHT HEAD TO ARM

9. Install lower cover.

10. Energize mains and verify operation.

Operational Precautions

1. **Caution:** Never touch existing or replacement light bulbs. Oils from your skin will damage the bulb. Use a clean dry cloth to handle the bulb. Always allow time for cooling, after use, when replacing bulb.



2. **Do Not Substitute.** Replace burned out bulbs only with specified bulbs. (See replacement parts, page 22)
3. Do not block the top cover assembly on top of light head.
4. To replace bulb (you will not need any tools for this) lift off the top cover assembly, pull the black knob to remove the light assembly and replace bulb as described in step #1.

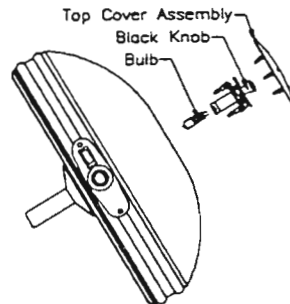


Fig. 11 BULB REPLACEMENT

Features/Operation

1. Our standard light systems have been designed to provide optimum light intensity to 4000 foot candles (Single Head) and to 6000 foot candles (Dual Head) at a distance of 36 inches from the operating area.
 - A. Autoclavable handle – push quick connect release button to remove.
 - B. Independent, On-Off switch for each light head.

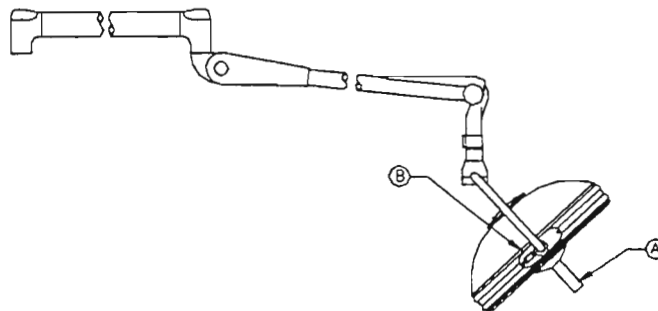


Fig. 12 FEATURES OF STANDARD LIGHT SYSTEM

Technical Information

Component Weights

Head assembly.....	9.6 lb (4.355 Kgm)
Arm, Ceiling or wall mount.....	13.0 lb (5.9 Kgm)
Arm, mobile.....	8.4 lb (3.8 Kgm)
Mount assembly, ceiling single.....	28.0 lb (12.7 Kgm)
Mount assembly, ceiling dual.....	43.0 lb (19.5 Kgm)
Mount assembly, wall single	17.0 lb (7.7 Kgm)
Mount assembly, base mobile	108.0 lb (49.0 Kgm)

Assembly Weights

Dual head ceiling system.....	85.4 lb (38.8 Kgm)
Single head ceiling system.....	49.2 lb (22.3 Kgm)
Wall mount system.....	38.2 lb (17.3 Kgm)
Mobile system.....	124.6 lb (56.6 Kgm)

Electrical

Input voltage/current.....	120VAC 50/60Hz, 1.5A per head 240VAC 50/60Hz, .8A per head
Luminous intensity.....	4000 foot candles per head at 36" (914mm)
Light pattern.....	8 inches (203mm) diameter

Motion-Extension

Head vertical motion.....	47 inches (1194 mm.)
Head horizontal motion.....	360°
Single head extended from mounting axis.....	70 inches (1778 mm.)
Dual head extended length (head to head).....	144 inches (3658 mm.)
Dual head extended length (head to head).....	38.5 inches (978 mm.)

Technical Information

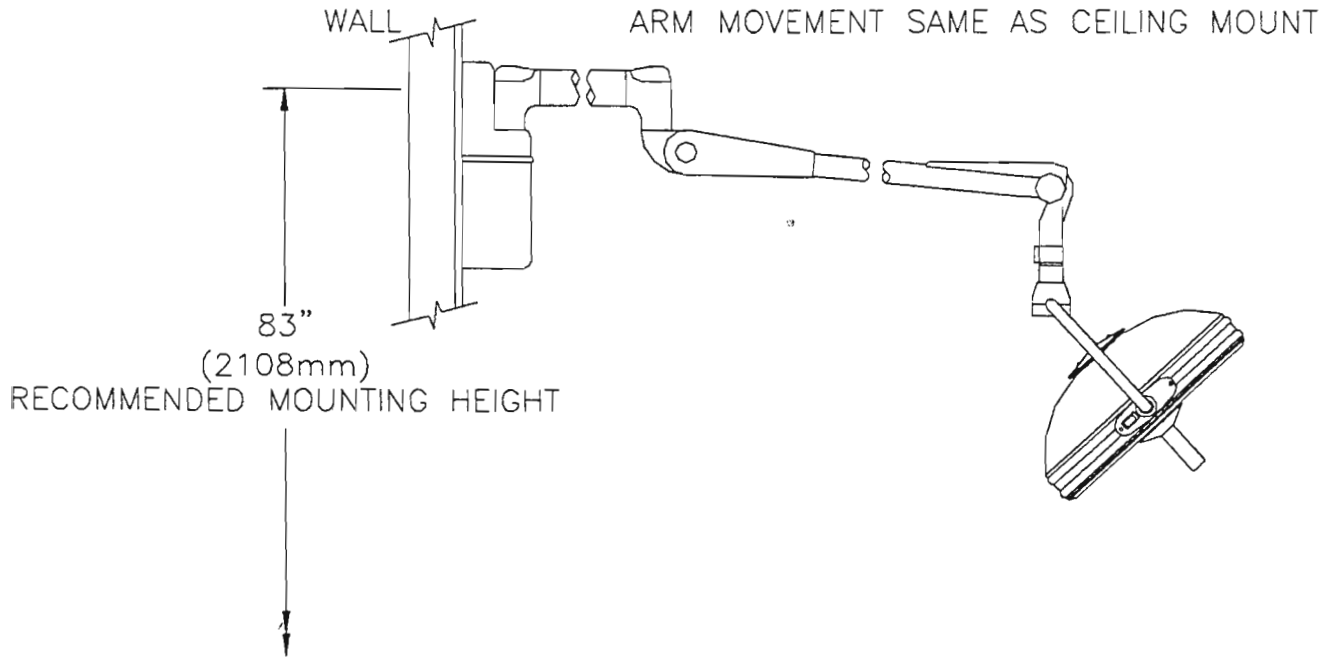


Fig. 15 WALL MOUNT