

# HMX-3 & HMX-4 LAMPHOUSE MERCURY/XENON INSTALLATION

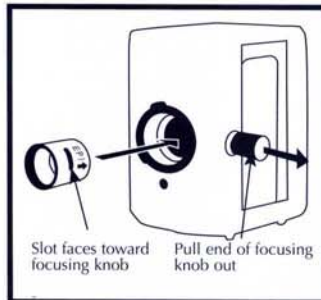
## — SAFETY WARNING —

### — LAMP HANDLING —

- SAFETY GLASSES AND SAFETY GLOVES MUST BE WORN WHEN HANDLING LAMP.
- HOLD LAMP BY METAL ENDS. IF LAMP IS TOUCHED — CLEAN WITH ALCOHOL. ACIDS FROM FINGERPRINTS CAN CAUSE ETCHING OF THE LAMP LEADING TO LIGHT LOSS OR EVEN BURSTING OF THE LAMP.
- MERCURY LAMPS CONTAIN SMALL AMOUNTS OF MERCURY AND MUST BE DISPOSED OF IN ACCORDANCE WITH GOVERNMENT REGULATIONS.

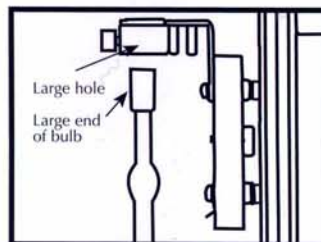
### PREPARE HMX-3/HMX-4 LAMPHOUSE

- Insert the "EPI" collector lens into lamphouse: Pull out focus knob and insert collector lens, with the arrow facing the bulb, until focusing pin engages slot. The lens should move in and out when you rotate focus knob.

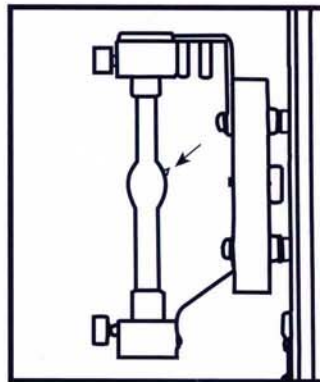


### INSTALL LAMP

- All components should be marked either Mercury or Xenon.
- Match large and small diameter ends on lamp and socket. Hold lamp only by metal end. Do not touch lamp glass.
- Clean lamp glass with alcohol if touched.
- Insert lamp into stationary end of socket first.

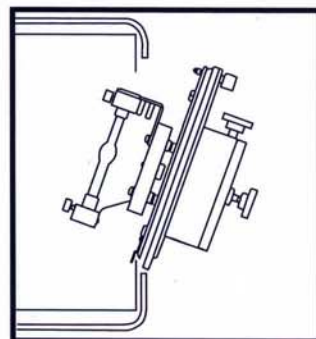


- Before tightening top thumb screw, rotate the lamp so the filler nipple on the glass (if visible) faces away from the collector lens. Insert lamp into flexible socket hole and tighten thumb screws **securely**.



### MOUNTING SOCKET ONTO HMX-3/HMX-4 LAMPHOUSE

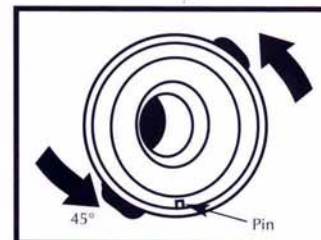
- Mount socket assembly onto lamphouse, insert bottom tabs of socket over the inner metal edge of lamphouse and pivot the socket door closed.



- Tighten top thumbscrew to hold door closed. The "safety cut-off" micro-switch will click as you tighten the screw.

### MOUNT HMX-3/HMX-4 ONTO EPI-FLUORESCENCE ATTACHMENT

- Attach the lamphouse if it is not already attached to the microscope.
- Rotate bayonet collar on back of Epi-Fluorescence attachment to 45 degree position.



- Mate HMX-3/HMX-4 lamphouse by aligning pin on Epi-Fluorescence attachment to the notch on the lamphouse bayonet. Lock on lamphouse by rotating bayonet collar clockwise.

### ATTACH POWER SUPPLY

- Note alignment notches on socket and rotate plug to match.
- Push on plug and tighten locking collar.
- Plug AC cord into wall.  
(See reverse side.)