

# INSTALLATION INSTRUCTIONS



To properly install the Computerized Z-Motor, the rotational torque ring of the microscope focus mechanism must be correctly adjusted. Rotate the Coarse Tension Adjustment Ring fully counter-clockwise (the motor unit will be retained on the Coarse Tension Adjustment Ring and thus it must be firmly clamped in place).

- 1) Remove the small circular cover-disk in the center of the right fine-focus wheel. (Pry off by placing a toothpick or other small object into the notch at the side of the disk.)



- 2) Remove the fine-focus wheel by first unscrewing the Hex-jam nut (with the nut-driver tool provided), then unscrewing the fine-focus wheel while holding the fine-focus knob on the opposite side of the microscope.



continued

- 3) Attach the large focus gear (provided), and lock in place using the Hex-jam nut previously removed.

NOTE: Make sure the bat handle on the motor mount unit is flipped to the right, disengaging the gears.

- 4) Place the large circular opening of the motor mount over the large focus gear. The back of the motor mount unit should be nearly flush with the microscope.

- 5) One at a time, loosen the three sunken screws in the front of the motor mount, push towards the center, and retighten. The unit should be secured onto the microscope.

NOTE: When removing the motor mount unit, loosen the screws, push them outwards, and retighten. If this is not done, the clips on the back side may interfere with removal.

- 6) Flip the bat handle up, engaging the gears.  
(It may be necessary to slightly rotate the left fine focus knob to fully engage the gears.)