

# INSTALLATION INSTRUCTIONS

## Adjust Microscope Focus Mechanism Tension.

Use the tension adjustment gauge (included) to adjust the gap between the top of the Coarse Tension Adjustment Ring (the innermost of the three focus control knobs on the right-hand side of the microscope) and the microscope body.



- 1) Remove the fine-focus cap on the right side of the microscope by gently prying the rubber cover off.



- 2) Using a flat-blade screwdriver, remove the brass nut on the end of the focus shaft. The fine focus wheel should slide off. (You may need to hold or gently rotate the fine-focus wheel on the left side of the microscope.)

continued



- 3) Attach the large focus gear (large hub toward the microscope), rotating to align the pins in the hub with grooves in the plastic shaft. Lock in place using the brass cup washer (cup placed towards gear hub) and the 3mm nut.



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 flush with the microscope.

continued



- 5) 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.)