

# INSTALLATION INSTRUCTIONS



## Installing the gear on the left side of the focus mechanism.

1. Remove the soft rubber covers from the two fine-focus knobs.
2. Remove the plastic disks on the ends of each fine-focus knob (on right and left side of stand). Use a toothpick or a thin plastic strip to carefully pry the disk out of the recessed end of the knob (see illustration 1).



3. Using the two 2.5mm hex wrenches (included), unscrew the socket-head cap screw in the end of both fine-focus knobs by gripping one wrench in each hand and counter-rotating them (see illustration 2). (Note: these screws have been firmly tightened and locked with thread-locking compound at the Olympus factory.) Unscrew the screw which releases first until you can remove that knob.

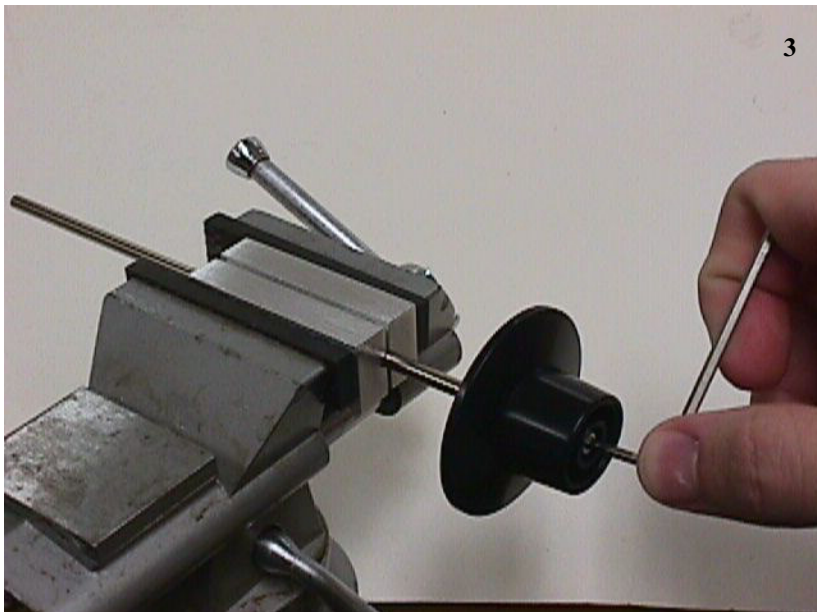
4. If the left-hand knob (the one without numbers) comes off, skip to instruction 6.
5. If the right-hand knob (the one with numbers around its edge) comes off, do the following:

Grip the left-hand knob and pull it and the attached shaft out of the focus mechanism.

Hold the center of the shaft in a vise (see illustration 3) using the pair of aluminum V-groove blocks (included). Be careful not to damage the shaft. Use a 2.5mm hex wrench to remove the socket-head screw from the left-hand knob which will allow you to remove the knob from the shaft.

Now, while still holding the shaft in the vise, slip the right-hand knob onto the shaft and tighten the socket-head screw into the shaft to **firmly** hold the knob in place.

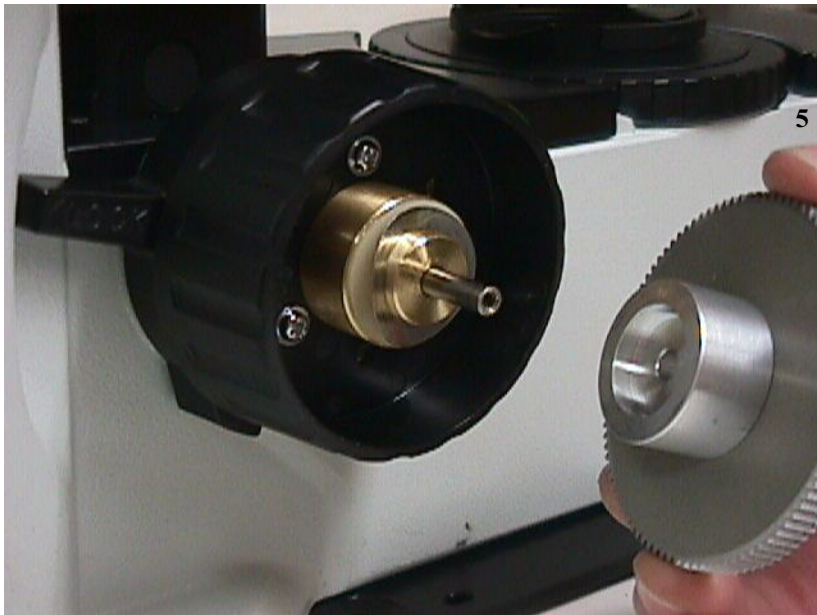
Re-insert the shaft and right-hand knob into the focus mechanism from the right side (see illustration 4).



continued



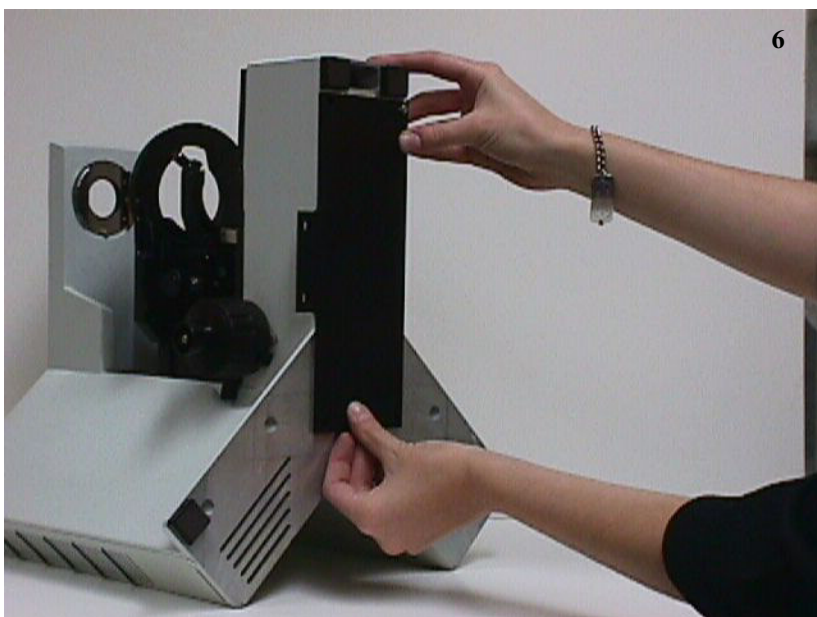
4



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Be sure the wavy washer is still in place on the left-hand focus mechanism (see illustration 5).

6. Slip the gear (included) onto the left end of the fine-focus shaft and tighten the socket-head screw **firmly** by using the two 2.5mm hex wrenches in the screw in the right and left-hand fine-focus knobs.



6

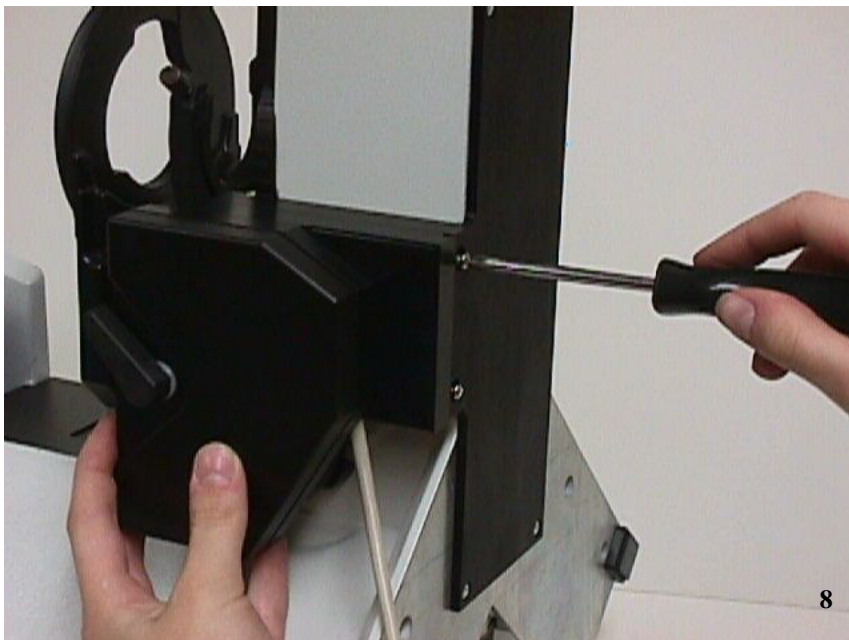
#### **Installing the motorized focus system on the stand**

7. Lay the stand on its back to provide access to the bottom. Replace the sheet-metal cover with the baseplate (included) using the M3x8 screws (included). Be sure the orientation is as shown in illustration 6 with the tab to the left of the stand.

continued



8. Now look at the motorized focus system. Flip the gear-engagement lever clock-wise to disengage the internal gear (see illustration 7).



9. While supporting the motorized focus system, slip it over the newly installed gear. Attach the focus system to the baseplate with the two 4-40 x 1/4 screws (included). Leave the screws slightly loose and move the focus system fore-and-aft in the slots (up and down with the stand on its back), notice the extremes of this motion and set the system at the mid-point of the extremes. Tighten the two screws.