

Prior Scientific Help Guides and Installation Instructions

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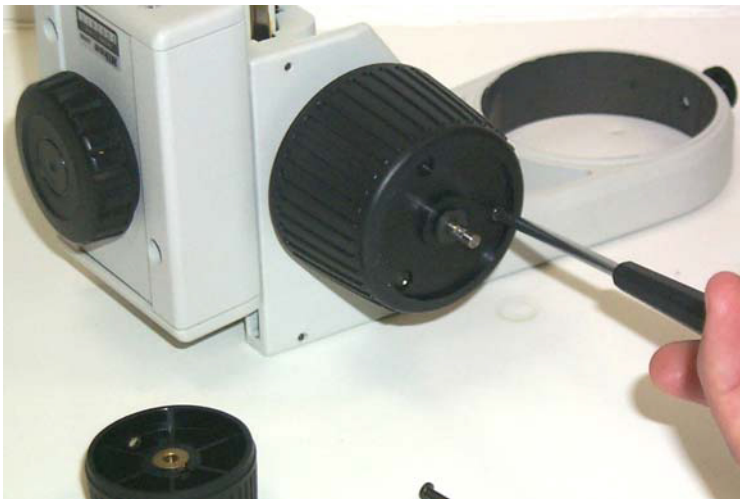
# Installing the PS3HI22SI5 Focus Drive on Nikon SMZ1500

## Installation instructions

- 1) Remove the fine focus knob from the right hand side of the focus block with the 1.5 mm hex key, as shown.



- 2) Remove the coarse knobs with the Philips screwdriver.



- 3) Remove the focus sleeve from the focus adapter by loosening the three set screws with the 2mm hex key.



- 4) Place the focus sleeve onto the focus block and make sure that it is pushed all of the way into the focus block.



- 5) Place the silver coupler onto the focus shaft making sure that it does not extend beyond the hole in the coupler. This coupler is either loose in the bag with the focus motor or it is loosely attached to the focus motor shaft via a black anti-backlash coupling. **Note that the other coupler attached to the focus motor shaft should not be moved.** Tighten the coupler onto the shaft using the 2mm hex key.



- 6) Remove the focus motor from the focus adapter by loosening the single set screw. Place the focus adapter over the focus sleeve and tighten the three set screws with the 2mm hex key. Slide the motor in rotate it slowly to make sure that the two mating parts of the coupler interlock. Lock in the motor by tightening the motor lock screw.



### Notes

The speed limitation of the PS3H122S15 is dependent on the amount of weight carried by the focus block. The speed settings, either on the joystick, digipot, or computer, may need to be decreased if the focus motor is determined to be stalling. Methods for decreasing these speeds are outlined in the manual.