



1. All Parts needed:
 - a. #6-32 Drill & Tap (Harbor Frieght)
 - b. #6-32 x 1" screw
 - c. Juice box Straw
 - d. Foil Tape



2. Dremel out part of the Meade 1244 Focuser body
 - a. Watch out for the motor
 - b. Work up (start from the bottom-I used bit#199)
 - c. Cut out a nice square notch (Put tape over gear hole to keep clean)



3. Brass Gear installation:
 - a. Remove the factory focus knob off the etx 125
 - b. Cut a small piece of the rigid juice box straw(slip on the thinnest part of the stem only)
 - c. Wrap it one and a half time with the foil Duct tape(only the plastic straw tip part)
 - d. Place the gear snugly on the covered stem(placing the mount in place first! / tighten hex screw.

4. Drill the #6-32 hole
 - a. Center the module over the mount –once you dremel away enough material to have it fit snugly(see photos below)
 - b. Use a long skinny bit first as a pilot /place in back cover screw hole and twist by hand a few times-this will be enough to leave a mark.
 - c. Remove motor / use tap drill(#6-32) and drill it in lightly (you can finish by hand once it gets going to be safe)

5. Final Assembly:
 - a. Place motor back on mount /align the holes
 - b. Screw the #6-32 x1" in (very lightly –do not over tighten!! You may strip the threads!)

FINAL PHOTOS:



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