

Instructions to convert the Sierra or Wall Street II pen Into a pencil

First we measure the back of the insert and we get .085”



Notice how the insert fits into an unmodified twist mechanism.
(Note the writing)



Next we select a drill a few thousandths bigger than the diameter of the smallest end of the insert. (I used a # 43 drill .089") however a 3/32" (.0938") drill will work fine to.



Drill out the Twist mechanism.



Recheck the fit of the insert into the transmission (again, note the lettering)



Now we have fitted the insert to the twist mechanism. Lets look at the diameter of the nib end of the insert.



And see the fit into the nib end of the pen (note lettering)



Choose a 1/8" drill



And chuck it into a cordless drill so the point is 2.450" from the jaws or front face of the chuck (this is critical for proper fit)



Now drill out nib end until the jaws or face of chuck bottom.



Recheck the fit of the insert into the nib end. (Note lettering)



Begin the assembly by seating the back end of the insert into the twist mechanism first and screwing the assembly together.



Check final fit and function. Note: you must twist the mechanism and manually return it counterclockwise for this modification to work correctly.



Congratulations! You have just modified the Sierra or Wall Street II into a pencil.

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