

A SIMPLE 7MM DISASSEMBLY TOOL

Disassembly kits are available commercially. Some also use punch sets. I find that my most frequent need for disassembly is with the 7mm kit. It is easy to seat the transmission too fully and the ballpoint will not retract completely. I prefer to remove or reseat the transmission with as little trauma as possible, using the quill travel of my drill press.

Figure 1 shows the components of my kit: A piece of plastic cutting board with a 1/4" hole in it. A 1/4" steel rod (Sanded slightly to reduce diameter while watching NASCAR). A 1/8" rod (I used brass since I had it handy).

Figure 2 shows the brass rod in place to remove the nib

Figure 1



Figure 2



A sharp smack on the brass rod will remove the nib, as shown in Figure 3.

Figure 4 shows the 1/4" rod in place, ready to remove the transmission.

Figure 3



Figure 4



Figure 5 shows the bar chucked in the drill press, ready to remove the transmission. Don't worry, if you aren't fortunate enough to have a Paul Huffman vise, you can use something else to support the acrylic. ☺

Figure 6 shows the completed disassembly of the 7mm pen. I hope this helps in some small way.

Figure 5



Figure 6

