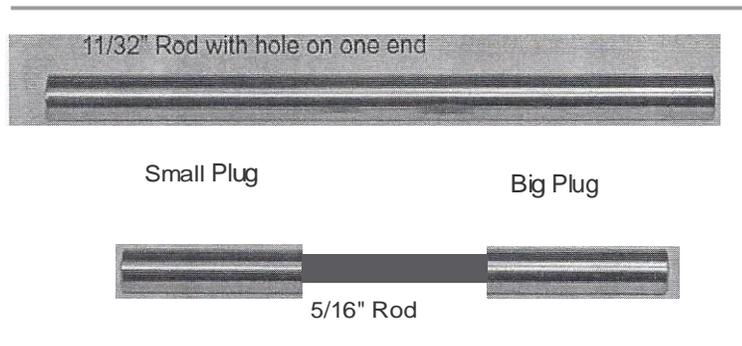


Baron Rollerball & Fountain Pen Disassembly Tool

This kit is comprised of four pieces: One 11/32" rod with a hole on one end (to remove the finial and clip of the pen), a large plug (.421" - to remove the black plastic center band coupler and the center band assembly), a 5/16" rod (to remove the end cap/end cap coupler/coupler/trim ring assembly) and a small plug (to remove the forward coupler).



To Remove the Finial/Clip and the Center Band Assembly

1. Remove the upper barrel from the lower barrel of the pen. Insert the 11/32" rod, hole end first, into the upper barrel (the barrel with the pen's clip). While holding the upper barrel tightly in your hand, soundly tap the rod using a hard rubber or leather mallet. It is suggested that you do this over a towel or other soft material so that you don't mar the finish of the finial and clip once they break free of the tube and start bouncing all over the place.
2. Insert the big plug into the end where the finial & clip were located and, using the same rod (the one with the hole in it), tap out the black plastic center band coupler and the center band assembly. It is suggested that you do this over a towel or other soft material so that you don't mar the finish of the center band assembly once it breaks free of the tube and starts bouncing all over the place (getting the hint yet?).

To Remove the End Cap Assembly and Lower Trim Ring

1. Unscrew and remove the complete rollerball nib assembly or the complete fountain pen nib assembly from the lower barrel. Slide out the rollerball refill (be careful not to lose the spring) or fountain pen nib & cartridge and set aside.
2. Insert the 5/16" rod where the nib assembly was and, while holding the lower pen tube tightly in your hand, gently tap the rod using a hard rubber or leather mallet. It is suggested that you do this over a towel or other soft material so that you don't mar the finish of the end cap assembly once it breaks free of the tube and starts bouncing all over the place.
4. Insert the small plug into the tube where the end cap assembly was and, using the same 5/16" rod, gently tap out the trim ring. Keep in mind that the trim rings and couplers are not indestructible so proper care must be exercised when removing them.

Suggestion:

We strongly recommend that the sharp edge inside the tube be removed prior to assembly. The use of a chamfering tool prior to pen assembly will make the assembly and disassembly process much easier.

When the tubes are squared-up using a pen mill or disc sander a very sharp edge is left on the inside of the pen tubes. This sharp edge can cause the part's plating to be sheared off during the press-fit process and the accumulated metal acts like a crimp between the tube and part. This accumulation of metal can also add outward pressure on the tube that can cause the pen material to crack when parts are press fit into the tube.