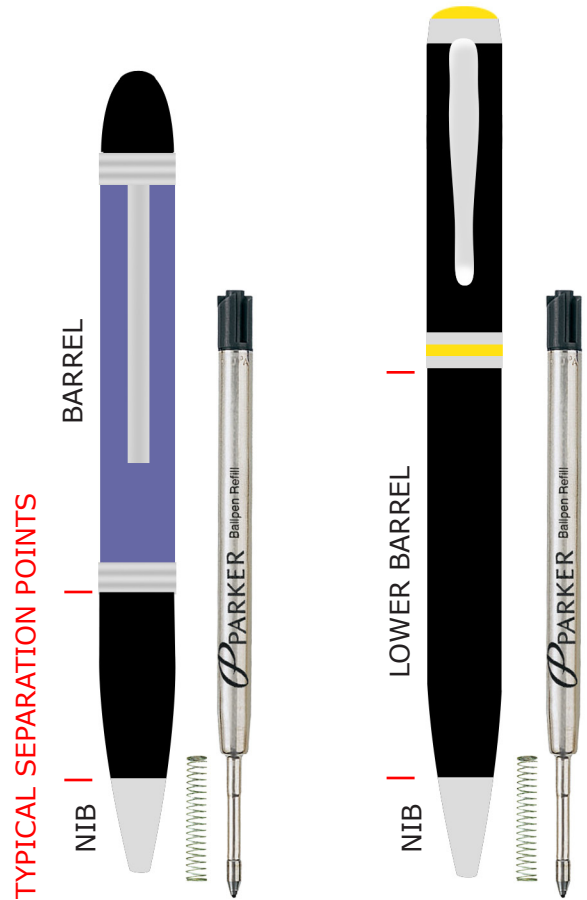


Ballpoint Refill Replacement

First, how do you know if your pen is a ballpoint or a rollerball? All Pen Studio rollerball and fountain pens have a removable cap to prevent the thinner inks used in both rollerball ink cartridges and fountain pen ink from drying out. Our ballpoints do not have caps. All Pen Studio ballpoints use Parker style ink cartridge refills. These can be ballpoints or Parker style gels.

Whether your ballpoint is a single barrel or two barrel style pen the replacement instructions are very similar. The safest way to approach any ballpoint replacement is to first retract the writing tip. This applies whether you have a click, twist, lever or bolt mechanism. Retracting the writing tip takes pressure off the spring and will make it easier to unscrew the pieces. It will also help prevent having the spring shoot off and the ensuing search that will follow. Second, always attempt to unscrew the lowest point of the pen (closest to the nib) that will separate before working your way to the center of the pen.



To replace a spent ink cartridge unscrew the nib or lowest portion of the pen counter clockwise. Remove the spent cartridge, retaining the spring for the tip of the new refill. Place the spring over the tip of the refill, place the refill into the body of the pen, align the two pieces and screw the lower tip clockwise. Do not push! Some pens have internal threads that cannot be seen. Pushing the pieces together can damage the twist mechanism and ruin your pen. With a twist mechanism, screw the tip clockwise until the writing tip extends and the lower half is firmly in place, being careful not to overtighten.

If you're a lefty, you might enjoy using a Schmidt 9000 refill. This is a Parker style compatible refill with an easy flow ink, similar to a gel refill, but the ink dries faster making it less likely for a left-hander to accidentally smear. Parker style refills can be found in most office supply stores, stationery stores or online. Prices and selection in fine/medium and available colors are generally better online.