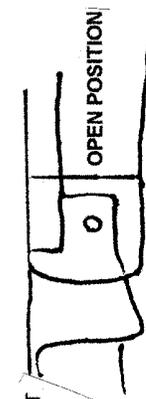
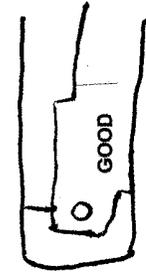
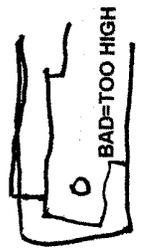
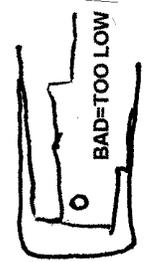


LETS ALL CREATE THIS ONE FOR THE OCTOBER CONFERENCE!

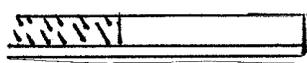
Leroi Price

Joel Chamblin is to demonstrate at the October Barberville Conference. Joel is a world class knifemaker and great guy to boot. He is eager to do a great job for us and since he is the first folder maker to demonstrate at Barberville, lets exploit the opportunity. The great thing about a demonstration is a lot of people see a lot, but unlike a workshop, you don't get to do it (nor do you get to take home a creation) and if you don't do it yourself you miss so much of the needed learning. One and a half days at Barberville doesn't even give the Instructor time to create a knife, so you might as well spend a week at Brasstown and plunk out a thousand bucks. Well, I got a compromise. If you (we) can make a knife prior to the conference you will acquire a perspective on the subject far advanced of the mere observer. Even if you only complete one-third of the steps of construction, the process will adapt your thinking toward obtaining a better experience at the demonstration. Your questions will also be more focused to what you need to learn by once having done real problem solving yourself. Joel will leave a little time to evaluate our efforts. I'm sure he won't even be able to go to the john without being accosted with "Hey Joel, whaddya think of this folder I made"? To bad for him, but a great chance for the rest of the club to pick up on some wisdom. Now, my dear friends, this is for everybody. I am so happy to be a member of this club. I am so happy for the opportunity to learn with Joel I am making a humble attempt at making a great day even better. If the spirit is right, how can it fail? You will miss out of a lot of fun as well as a learning opportunity if you don't at least try it too. If you can make a hinge than you can make a folder. Get a piece of mild steel from the hardware store and pin it together with a nail if you have to. I'll even personally give you the dollar for the cost the mild steel. You can learn the "timing" (fitting the moving parts together) and the "walk and talk" (how the blade swings open and shuts with a snap) when you hear the folder you just made close with a "click" it's as memorable as your first kiss..almost? And if the hinge-makers make folders, the next thing is they'll demand that Ray Roberts and I make some hinges and donate them to the auction, but that's a topic for later discussion. Just do it! Make one out of wood. Yes, make one at least out of paper. I have it on good authority that Patty Draper, our respected President, will come up with one even if it's out of a cereal box. There is no way to fail. Use this pattern or modify it or bang apart an old Pakistan folder from the flea market and copy it. Use any steel, plexiglass, or an old shoe. If you have any questions, suggestions or a better idea, call me: Leroi Price work: 407-847-6900 home: 407-891-0708 email: lnsreprice@hotmail.com. If you have questions for the master, call Joel Chamblin at: 770-884-9055. BTW: we probably could use a small mill, like a taiwan mill-drill if someone could bring one and a Bader grinder and a drill press and what ever.

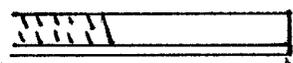
Materials & Methods: Blade: Joel prefers ATS 34 (but 01 is easy to use, readily available and you can heat treat in a coalfire or with a torch). Spring: same as blade. Liners: 410 SS or nickel silver (with nickel silver liners and bolsters they can be soldered together) or brass. Bolsters: 416 SS or nickel silver. Handle material: anything, Wood, pearl, micarta, bone. Pinning material: 416 SS or nickel silver or use brass or steel if that is all you have. Keep everything flat. The bolsters are soldered, spot welded or pinned on. The scales (handle material) can be pinned on or glued on. **Step 1:** photocopy this pattern and cut out and superglue to your steel. **Step 2:** cut out the profile to about 1/16th inch of the pattern. **Step 3:** Drill the holes, but exclude one of the spring holes so that you can put the final tension on the spring after everything has been fitted together. **Step 4** Grind the blade, but take care not to put a sharp edge on it. Tape the edge of the blade for safety while working with it. **Step 5:** make some temporary pins to hold the knife parts together while making your adjustments and performing your prefinish work. **Step 6:** file the back shoulder of the blade square as seen in the diagram. **Step 7:** temporarily pin the liners, spring and blade together and begin making adjustments to the spring by grinding or filing it down so that it fits properly into the back of the knife. Be careful not to get the end too short or you will have to make a whole new spring. **Step 8:** heat treat the blade and draw temper to blue color. **Step 9:** heat treat spring to at least beyond the pivot hole and draw temper beyond blue to grey which will make the spring more flexible. **Step 10:** pin the spring and blade temporarily within the liners and check for fit. To adjust the spring tension the end of the spring should be about 3/2" of an inch lower than when pinned, at where it sits on top of the back of the blade. One rule of thumb on how to locate the final spring hole is, with the blade and spring fitted together, mark on the spring the position of the liner hole, then move the location of the hole about half the distance further up and drill there. That generally will put enough tension from the spring against



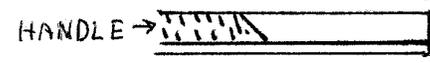
KEEP THE PIVOT HOLE EQUIDISTANT TO ALL SIDES SO THAT THE HEIGHT OF THE BACK OF THE SPRING WILL BE THE SAME HEIGHT IN BOTH THE OPEN AND THE CLOSED POSITION



BUTT THE BOLSTERS TO HANDLE MATERIAL AT 90 DEGREES =EASY



OR AT 60 DEGREES =NO SHARP EDGE



OR AT 45 DEGREES =GOOD HOLDING

HANDLE → LINER

the blade. **Step 11:** pin or solder (spot weld if SS), the bolsters onto the liners and fit up the handle material. **Step 12:** pin the knife together and do the final profile and finish. You can bring the knife to the Conference after having completed any or all of these steps and get some feedback on what you have done and how to finish the knife. If you have any unusual folders that are factory or hand made, particularly ones with unusual locking mechanisms, I'd like to see them. Good luck!! Good smithing!!

