How I Sharpen a Handheld Rip Saw

By Victor Skellett, August 18 2010

For friends and family. A few days ago some members of the family requested a photo tutorial on saw filing. I had reservations due to the fact that, while I consider myself a fairly competent saw sharpener, I don't get paid to do this. Everything I know about saws I learned from books, the Internet or hands on experience. If you are looking for a much more thorough and technical discussion of the fine art of saw filing, please, let me recommend you check out these web pages.

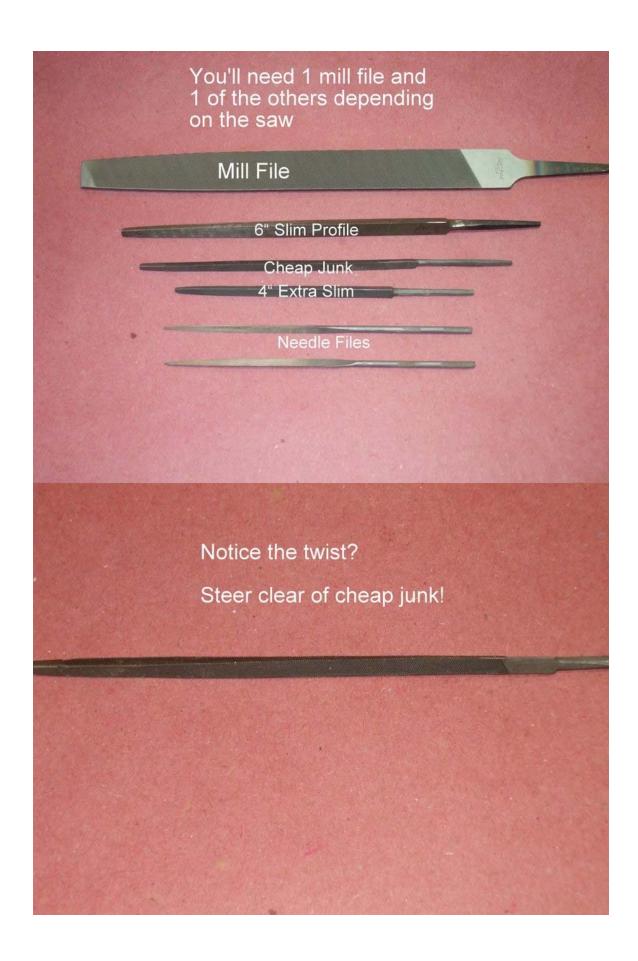
- * http://www.wkfinetools.com/tCare/toolCare-index.aspx
- * http://www3.telus.net/BrentBeach/sawjig/
- * http://www.vintagesaws.com/cgi-bin/f...mer/sharp.html
- * http://www.cianperez.com/Wood/WoodDo...ngHandsaws.htm
- * http://norsewoodsmith.com/content/sharpening-hand-saws

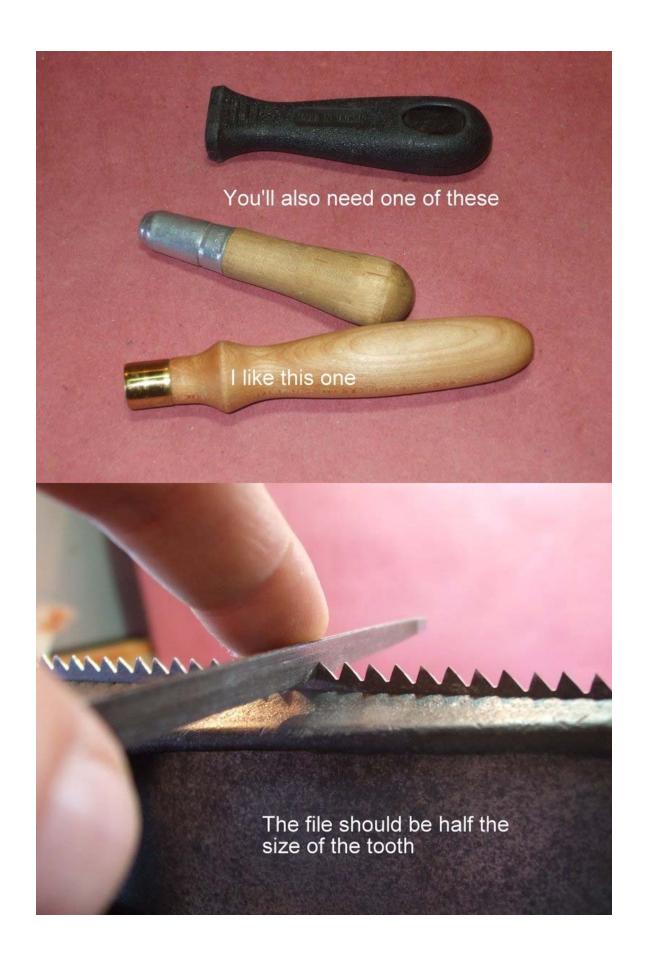
In addition to their saw filing information these sites have loads of goodies for galoots. It is my hope that my tutorial will remove some of the mystery surrounding this topic and give people the confidence to file their saws. One last thing before we begin. With the exception of the files you will see I have no money invested in any of my equipment. All of my tools and saws were given to me.

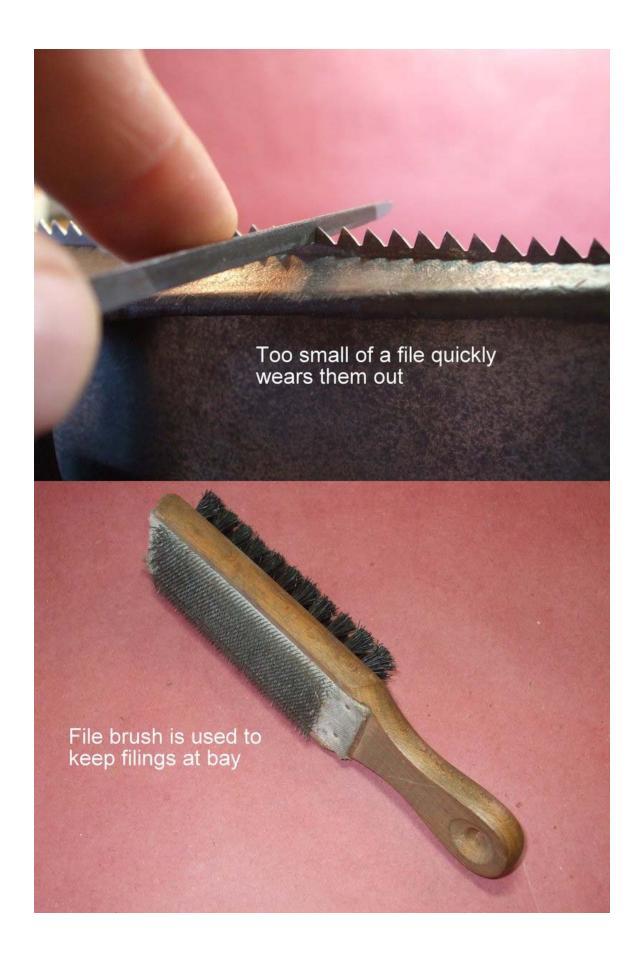
Oh wait! I did pay \$8.00 for my light (gloat).

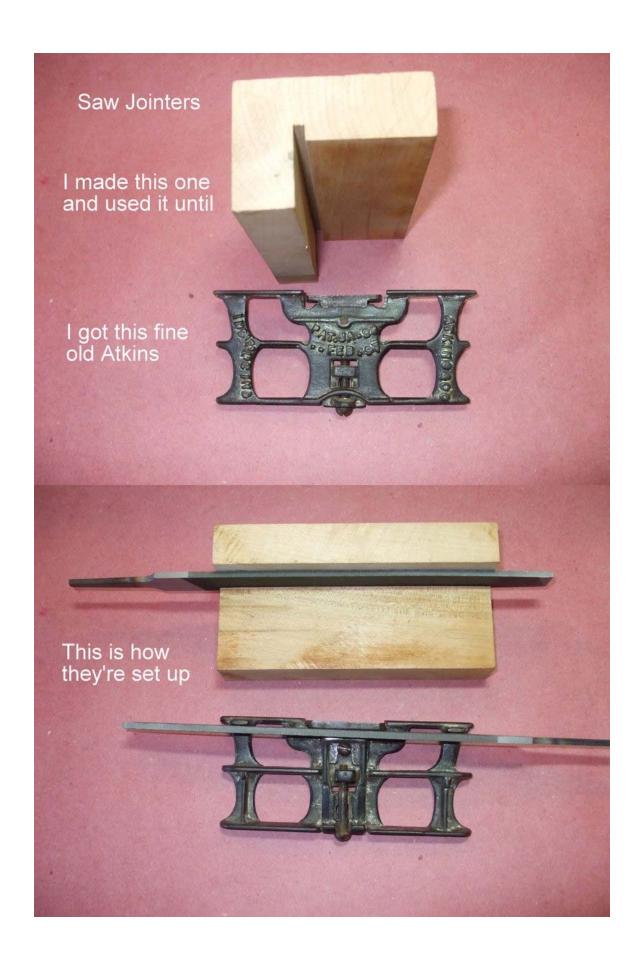
And so lets go.

First up tools.



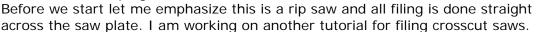


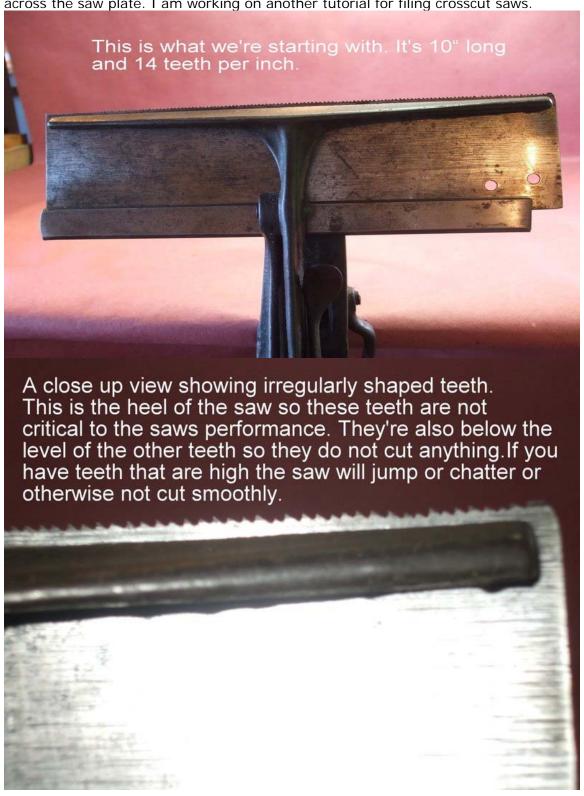






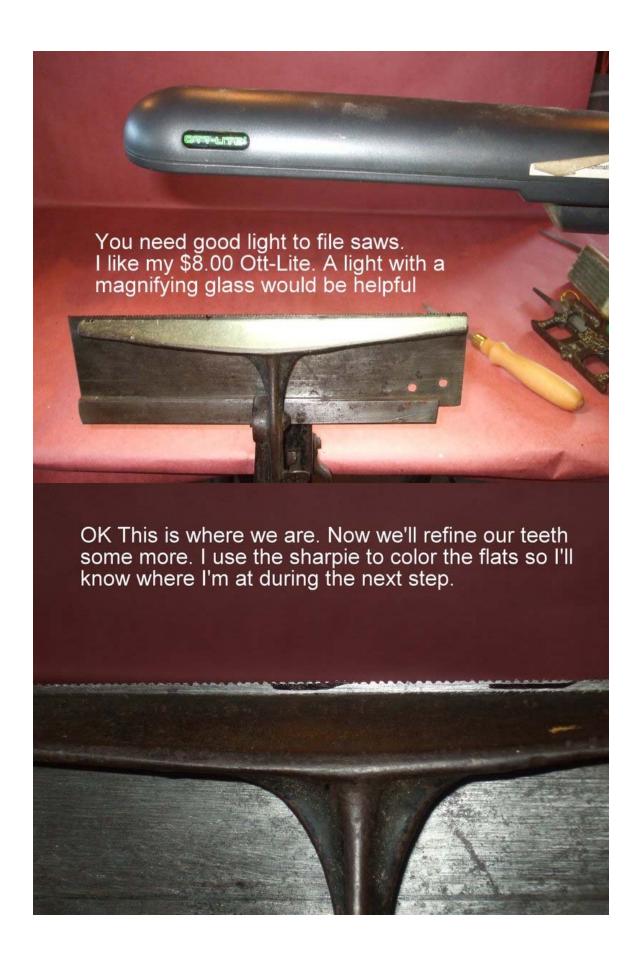
Lets do some shaping.

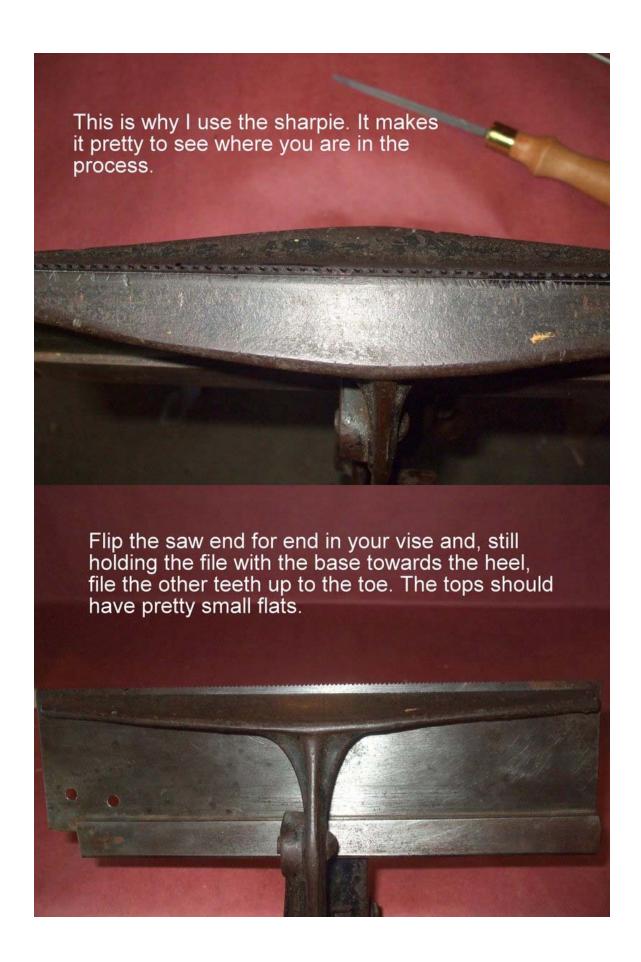




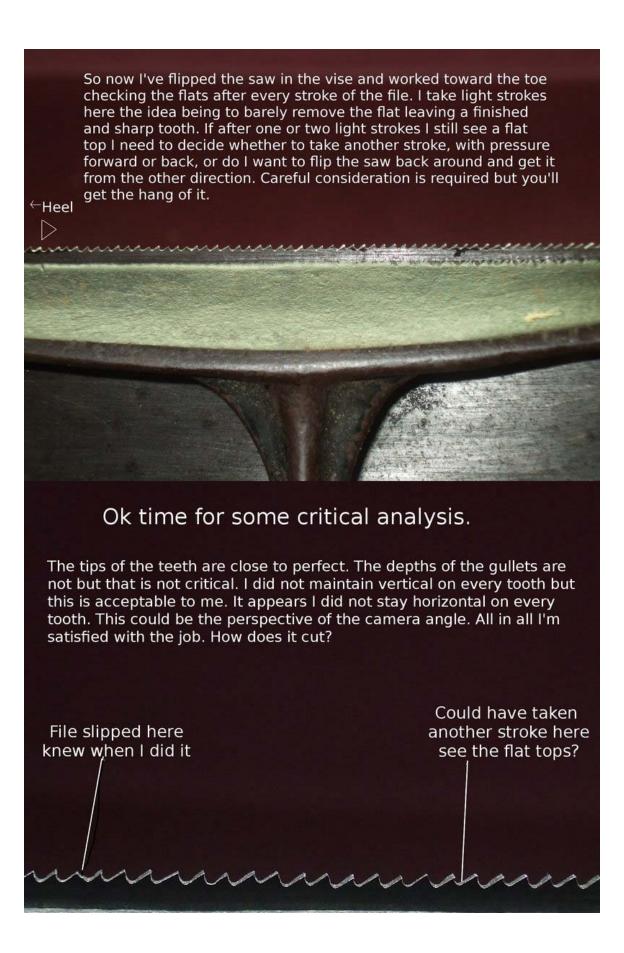


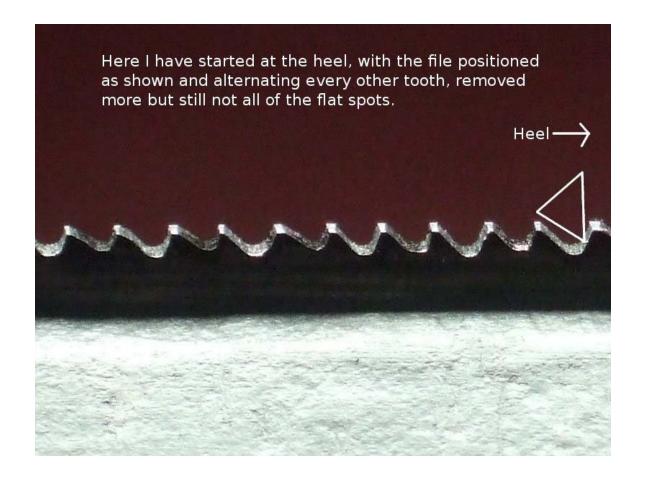












Addendum: In the previous "Improvement" thread I reversed myself when it came to setting the teeth. After testing this saw today I am going to reverse myself again. The saw cut very smooth in both cherry and hard maple without adding any set.

I enjoyed making this tutorial. It usually only takes about a half hour to file a saw. But this project occupied me for 2 days! I like that. I hope you do too.

So folks! Get your kit together and file some saws.

Victor Skellet