Xisco XS46U trigger group – shim and polish for smoother action

Disassembly:
1. Remove **anti-beartrap bracket**, taking care to not to lose the **spring**. Removing this part gives access to all the other pins.
2. Remove the rest of the pins and their corresponding parts. I don’t think you have to remove the pin holding the **2 long springs** nor the **safety detent pin** but I did anyway.
3. Take some photos along the way. This precaution will save you much frustration should you fail to notice a fine detail during disassembly.
4. Pay particular attention to the orientation of the **trigger spring**. During reassembly, the side with a double bend hooks onto the trigger. The other side (consisting of a long “L”) presses against the piston catch.

Polishing:
5. The following parts have factory ground faces recognizable by the lack of bluing:
   a. Trigger
   b. Piston catch
   c. Safety
6. Polish these faces. There are a number of ways to do this so do what works for you. I prefer to clamp the parts in a vise and use a diamond stone to flatten the surfaces initially. Remove only enough stock to get an even surface and do not change the profile unless you know what you are doing (I don’t). Then I use progressively finer sandpaper (320, 400, and 600) backed by a glass plate or mirror to bring it to a polish.

7. While you are at it, also lightly bevel/debur and polish any touch surfaces of the trigger and safety. Doing so will remove some bluing on them but will make them much more comfortable to use. The safety was particularly sharp on mine.

Reassembly:
8. Now you are ready to reassemble. Apply a thin film of grease (molybdenum, lithium, etc.) to each part as you go.
9. Use M3 flat washers as shims on either side of the trigger and safety. This takes the side-to-side play out of them and effectively reduces friction. In my estimation, this step makes the biggest improvement.
   Tip: Before you attempt to install the washers, go ahead and start each pin. Stop short of seating it fully so as to leave a slot for the washer. A little grease helps control the placement. Once the washer is centered on the pin, finish seating it and drive it on past flush, which opens up the opposite side for a washer. Install a washer there and drive the pin back flush.
10. Reinstall the stock. Check for rubbing between the trigger and trigger guard. On mine, the trigger is biased toward one side so it touched the guard. I trimmed the guard to take care of it.
11. Enjoy your buttery smooth trigger.