

CFX Tuning.

Take the CFX apart. Wash all the components in paraffin.

Main Parts excluding receiver:



What your aim is with the parts is to make them fit each other and to de-bur all the stamped metal parts. This includes the inside of the piston and the receiver (the main part

of the rifle). See how the spring has a larger inner diameter than the guide and the spring has a larger inner diameter than the tophat. Also see how loose the tophat sits in the piston. All of this adds to your inaccuracy and also the twang of the rifle.



The Guide:

The guide is fairly easy. Use a thin heat-shrink that is slightly bigger than the diameter of the guide when it is un-shrunk. Sand the guide to roughen it up and then put a layer heat-shrink on. Test fit the spring.

The Piston:

Take the piston and using a small file de-bur the inside of the stamped out parts. This must be smooth when you stick your finger in and feel over them.



The Top-hat:

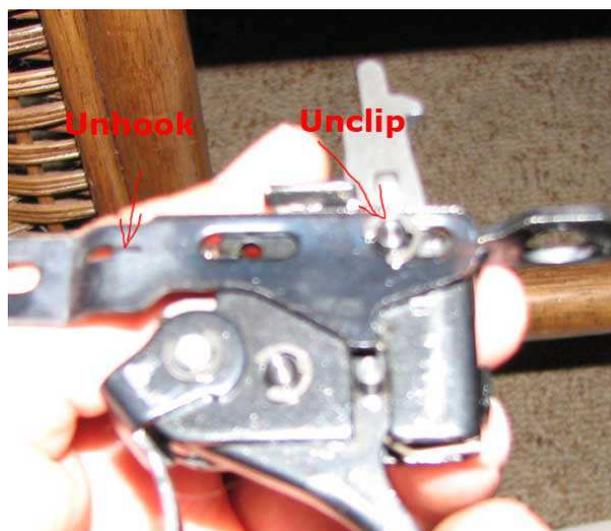
The top-hat is more tricky. I am not sure if the heatshrink will stay on the tophat the same way as the guide. It is worth a try I suppose. The problem is that you cannot fit the tophat to the piston with heatshrink as the stamped out part will surely rub the heatshrink and maybe cut it or lift it off. Still you can try it. The best way is to turn a new tophat that fits the spring and piston snugly.

The Trigger Mech.

Debut the bear trap using your small file. This will greatly aid the smoother cocking of the rifle.



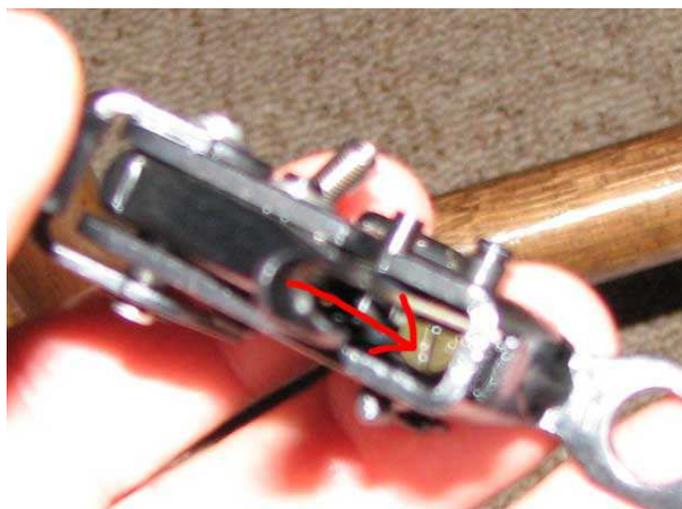
Remove the beartrap by taking off the circlip and unhooking the spring. Take note how it is attached.



The parts of the trigger that you can improve is to polish the seers. Please keep note that you should use something very fine like a 800 waterpaper and finer. Also, please make sure that you keep the angles of the seers. If you change these the trigger could become unsafe or not engage at all.



After this get yourself a GRTIII blade from www.CharlieDaTuna.com . If you don't want to get a blade then you can replace the adjustment screw. Please note that there is a legal reason the stock one is so short. This is to safeguard Gamo from legal troubles if they get sued for the rifle going off if dropped for instance. Put in the new screw. Have someone hold the rifle and slowly turn it in until the rifle fires. Then turn it out by half a turn. Cock and feel the trigger ☺ You should be pleased. But note that if the rifle bumps to hard the shot may go off and I take no responsibility for this mod.



The Spring:

Take the spring and using the same water paper polish the two ends of the spring. The closer you can get the parts you polish to a mirror finish the better your rifle will perform.

The Receiver:

Follow the same procedure as for the piston and debur all the insides of the stamped holes of the receiver. It is important that you do this well. This will keep your seal in one piece when you re- assemble and also make your cocking smooth as a rifle costing twice as much. Remember to unhook the cocking shoe first!

