Target rifle .22LR Schultz & Larsen with a Otterup M77 trigger assembly :
Trigger, bolt and Firing pin problems – corrective adjustment

I got a single shot target rifle .22LR Schultz Larsen M77 nr 25700 with a Otterup M77 trigger assembly.



After every shot, when I open the bolt to extract the fired case, the bolt move rearward only about 3.5 mm and stops.
Then, I have to pull the trigger to fully extract the fired case and open the bolt allowing it to ride over the ramp to reset position.
After firing, the firing pin and sear move past the trigger allowing the trigger to move back up and reset, preventing rearward movement of the bolt unless you depress the trigger.
A simple and safe solution is to extend the **sear**, so it keeps the **trigger** depressed after firing and allows the bolt to ride to the rear over the ramp to reset position.
To extend the sear position relative to the trigger, i made and experimented some spacers to go between the hammer and the firing pin. For this trigger assembly, a Firing pin spacer = 4,40 mm was required. (spacer = metal cylinder O.D. 6.6mm)

