

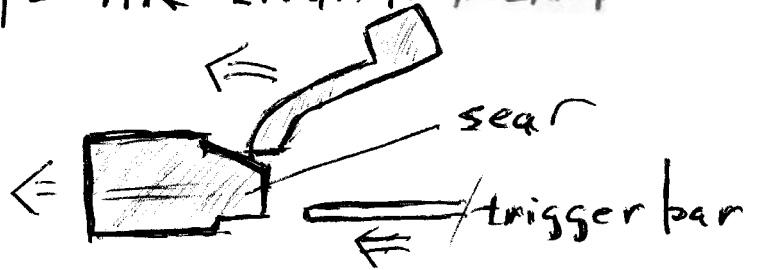
SAFE SKS TARGET/MATCH TRIGGER

My goal is to improve the safety of as many of the SKSs out there as possible for my shooting friends, increase their enjoyment of the rifle, and improve the militia's marksmanship! It is my opinion that the SKS is much more accurate than generally credited, and that trigger function, bedding/stock fitment, and proper use of a sling (USGI web sling adapted for loop) are the three most important things a serious rifleman can do to improve the "shootability" of Simonov's weapon. Besides practice, these items are excellent investments in assisting the true rifleman in delivering accurate, consistent fire down range. I view the SKS, primarily, but not only, as an intermediate range battle/hunting rifle capable of accurate fire rather than a close quarters only weapon with high firepower. The SKS is also an excellent weapon to introduce the skill of marksmanship to those less experienced in shooting weapons.

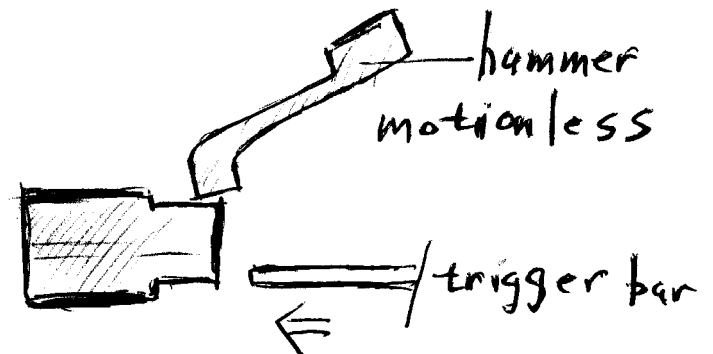
There are basically three kinds of engagement in varying degrees possible for a hammer/sear relationship. 1) negative engagement whereby the movement of the hammer on the sear's surface causes the hammer to move forward prior to let off, 2) neutral engagement whereby the hammer appears to be motionless prior to let off, and 3) positive engagement whereby the hammer's inertial force at rest is tending to keep the hammer naturally wanting to return to its full cock notch unless overcome by the sear. Since the safety ONLY blocks the trigger movement and does not lock the hammer or the sear from movement, conditions (1) or (2) above can increase the possibility of the hammer being "jarred" off the sear due to impact. The trigger bar must be set so that when the safety is engaged or while being engaged there is no possibility of the trigger bar touching the sear. Most SKSs in use—new, rebuilt, old, whatever, have negative or neutral hammer / sear engagement from the factory!!

ILLUSTRATIONS (EXAGGERATED) OF HAMMER / SEAR ENGAGEMENT

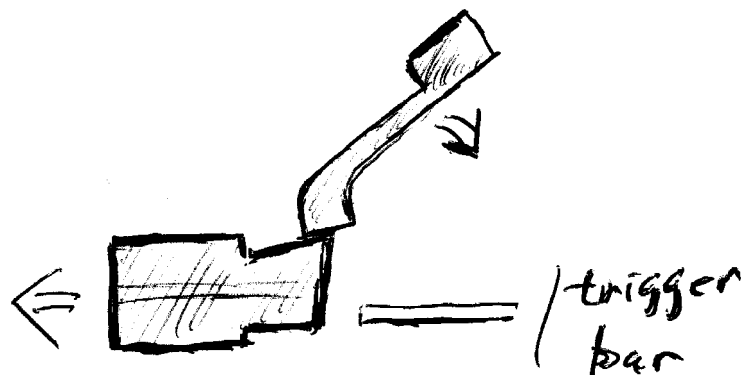
1) NEGATIVE



2) NEUTRAL



3) POSITIVE



You can easily check the engagement safety of your SKS by , first, clearing the weapon and cocking the hammer, removing the receiver cover and recoil spring, pushing the bolt/carrier forward to battery, and then squeezing the trigger while observing the hammer by looking down where the receiver cover is now missing. You will be able to see the hammer either move forward, stay motionless, or move slightly rearward before the hammer drops. The extremely high trigger pulls encountered are caused by too much positive engagement, improper purchase of the trigger bar on the sear, rough machining burrs on operating surfaces or all of the above. There are many SKSs that have a low pull weight because the factories or armories purposely created a negative or neutral engagement at the expense of safety. The traditional long creep on the second stage can be in any of the engagement scenarios.

With my match/target SKS trigger work, you get it all.....safety, clear 2 stage operation, lowered pull, much less creep, smoothness, repeatability, consistency....and give up nothing, well , a few bucks. Each trigger group is different and each one must be done individually; there are no "jigs" or systems that will allow a sear/hammer to be cut for one that will work optimally for another. These are all done by hand for maximized results.

The base price of \$50 + \$5 shipping includes carefully cutting and changing YOUR sear/hammer geometry for a minimal, acceptable positive engagement. A new sear is provided if needed. I install a Wolff sear spring upon assembly. The sear is stoned/polished as are the rails in the trigger group for smoothness of operation. The trigger bar/ sear purchase is adjusted so the safety is clearly preventing sear movement and the first stage is minimized in the trigger travel. Lastly, everything is fine tuned to a minimal, acceptable pull weight...usually around 6#, but your mileage may vary. An optional Wolff hammer spring (\$10) is highly recommended for the best results as the trigger pushes against the hammer spring some, too.

The base package will work on a functioning trigger group from a Russian, Romanian, Yugo, or Chicom rifle in good condition!. Albanians are pretty rough in their fitment regardless of condition and will minimally usually require a new hammer (\$15) and may require other parts as well. If the primary disconnect needs replacing or you have a "spare" trigger group not proven to work in a particular rifle, the disconnect may need adjustment for your rifle. I can help you do this via a telephone call. With the Albanian, you can send me the trigger group with a \$10 bill and I'll inspect it and call you with an estimate of what parts you might need. If you go forward with the work based on the estimate, I'll apply the \$10 against the total. If you choose not to go forward, I'll ship you back your trigger group and keep the \$10 bill for my time. Should you want, you can provide any parts required for your work for credit as long as they are new and/or excellent condition.

Remit mo with trigger group only (DO NOT SEND RIFLE) and this signed disclaimer or print/sign this page and forward with funds. If you have a particular concern or question, call me...I'm a shooter, too!! 30-day money back guarantee to give you time to fire the weapon.

"It is specifically and finally agreed and affirmed that I, (print your name here), am of legal age to own an SKS by all local, state, and federal laws and agree to hold harmless, Tom Prince, for any incidental, consequential, or any other subsequent damages incurred as a result of using this modified trigger group in any SKS rifle over which I have control and/or have acquiesced control and/or have installed this trigger group."

X _____ phone _____ email _____

Thanks for your kind business,

Tom Prince aka kivaari
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McKinney TX 75070
tprince@airmail.net
214-726-1269 message

2/07/04