

**Ruger 77 MKII, 77/22 ,
77/17 & 77 Hawkeye Trigger Kit**

Operators Instruction Manual



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Warning

This fire control system is intended for use only by experienced competitive shooters and professionals. You must take responsibility for your own actions. We will not be responsible for any loss, injury, or death resulting from the use or misuse of this product.

The handling and use of firearm bears with a certain unavoidable risks, like sky diving and rock climbing. If you are not willing to accept responsibility for your own actions, guns are not for you.

The use of any custom parts or modifications may void any warranty from the manufacturer of your firearm.

Returns will not be accepted on any parts that have been modified.

If you do not have a thorough understanding of the Ruger 77 MKII or 77/22 trigger system and the purpose and function of all the parts, do not attempt to install this system. Have it installed by an experienced gunsmith.

Read the instructions completely before beginning the procedure.

1. Check to make sure gun is unloaded.
2. Remove the bolt.
3. Remove the receiver from the stock.
4. Using a punch, remove the factory trigger, sear, and spring.
5. Remove the three screws from the upgrade kit, clean them thoroughly and apply the loctite provided. Then reinstall the screws.
6. Install the new sear back into the receiver. (Use factory pin.)
7. Install the upgrade spring and trigger into the receiver. (Use factory pin)
8. Replace the bolt and cock the gun. (The sear engagement and over-travel and safety screw may need to be adjusted to cock).
9. Turn the sear engagement screw in a clockwise direction until the firing pin drops, then back the screw out (counterclockwise) about one turn. (77/22 requires a 1/16" ball and hex wrench to access screw.)

10. Check the sear engagement setting by slamming the bolt home (closing it sharply) several times. If the sear is not released when closed sharply, then it may be possible to adjust less sear engagement, but if the sear is released, then back off the sear adjusting screw further, and/or increase the weight of the pull. (heavier spring)
11. The over-travel screw can now be adjusted. To access the screw the fire mechanism must begin in the fired position. Lift the bolt handle slowly and stop prior to sear engagement to allow the screw access hole to align overtravel screw. Adjust the screw so there is minimal travel after sear release. There must be ample clearance to allow the sear to release clearly when the trigger is pulled.
12. Now adjust the safety screw. The head of the screw is elliptical. Turn the screw counterclockwise so when the safety is on, the head of the screw contacts the safety. There should be **NO** movement of the trigger with the safety is on. (There must be at least .050" gap between the screw head and the trigger to prevent the trigger from wedging.)
13. Allow Loctite to dry 24 hours before using the weapon.
14. After Loctite has dried, recheck all settings.

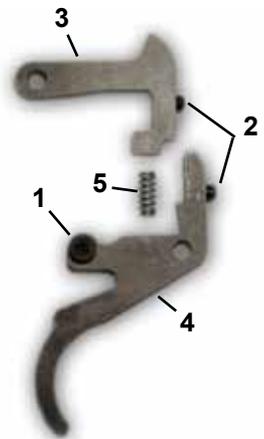
*Approximate pull weights

Trigger weights available: 1 lb, 1-1/2 lb, 2 lb, & 2-1/2 lb

Ruger 77 MKII 77/22 Trigger Parts Breakdown List

Ref #	Part #	Description
1.	1125	Safety Screw
2.	1130	Sear/over-travel Screw
3.	1145	Sear (77 MKII & 77/22)
4.	1146	Trigger (77 MKII)
-.	1176	Trigger (77/22)
-.	2259	Trigger (77 Hawkeye)
5.	1126	Trigger Return Spring (1#)
-	1127	Trigger Return Spring (1-1/2#)
-	1128	Trigger Return Spring (2#)
-	1129	Trigger Return Spring (2-1/2#)
-	1020	Thread Locker

Order by Part # and Description



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