

Timney™ Manufacturing Inc.

Installation & Adjustment Instructions for
the

Ruger M77 -22 Sear

PLEASE READ THESE INSTRUCTIONS FULLY BEFORE STARTING INSTALLATION

1. Before handling your rifle make absolutely certain the chamber and magazine are empty and the muzzle is pointed in a safe direction.
2. Remove the bolt from the rifle.
3. Open the floorplate and remove the front floorplate mounting screw, then remove the two trigger guard screws.
4. Remove the barreled action from the stock.
5. Place the barreled action in a padded vice with the jaws of the vise clamped around the barrel just ahead of the receiver. Align the receiver so that the right side (safety selector side) is facing up with the bottom of the trigger facing the installer.
6. Before starting this step remember that the trigger is under spring tension. Using a 1/8 inch punch, remove the trigger pivot pin, original Ruger trigger and trigger/sear spring. Next remove the sear pivot pin and sear. Set the pivot pins aside for use later.
7. Install the Timney™ adjustable sear using the original Ruger pivot pin (the longer pin). Make certain the bulge on the sear faces down toward the trigger.
8. NOTE: We have included a spring to allow adjustment of the trigger to around two and a half pounds. If you would like a higher trigger pull weight use the original Ruger trigger spring.

9. Place the above mentioned spring into the cavity in the original Ruger 77-22 trigger. Slide the trigger into the receiver making sure the spring is centered around the bulge on the sear. Insert the trigger pivot pin.
10. Check the chamber to make certain it is empty. With the safety in the fire position insert the bolt into the receiver. Check the sear engagement. It has been set at the factory for proper engagement. Insert the bolt into the action and dry fire the rifle. Work the bolt vigorously several times to ensure that the rifle is working properly.
11. **IMPORTANT:** Your rifle's original safety was set at the Ruger factory. Because of the difference made by the new sear engagement the safety will probably need to be adjusted. Check to see if the bottom side of the safety selector clears the safety tab on the trigger when in the cocked position. The safety selector should move over the top of the tab as it is changed from fire to load/unload to the safe positions. There should be enough clearance to allow for easy movement without allowing the trigger to pivot to the point of let off. It is very important to make certain that you have the proper amount of sear engagement before you proceed with fitting the safety. If there is not enough clearance between the safety selector and the trigger's safety tab remove the trigger and carefully file the trigger's safety engagement tab until sufficient clearance has been achieved. Take your time when filing this tab. If you take too much metal off the trigger we cannot replace it. It can not be stressed enough that proper fit is critical. If you take off even .005 (the width of two human hairs) it can be too much.

As a service to our customers we will install this sear for \$20.00 plus \$8.00 shipping and handling.

TIMNEY™ ADJUSTABLE TRIGGER GUARANTEE

Material & workmanship: This Timney™ trigger has been carefully inspected, tested, and adjusted to give a lifetime of dependable service. Every possible care has been exercised in its design and construction. If any defect in workmanship or material should develop under conditions of normal use and service, necessary repairs, including parts and labor will be made at no charge to the purchaser, providing that our inspection reveals the trigger was not damaged through accident, alteration, misuse, abuse, or other causes beyond our control. We neither assume nor imply any oral or statutory warranties, and we neither assume nor authorize any person to assume for us any obligation or liability in connection with this trigger. Repairs or disassembly of this trigger in any manner without specific factory authorization voids this warranty.

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