

**CG X-TREME MOD 22
TRIGGER FOR THE
REMINGTON 700**



- Target trigger – no safety
- Target trigger with safety
- Tactical trigger with safety and solid trigger shoe

Overview

The Model 22 trigger is the successor to the already popular and proven CG Jackson trigger, internally referred to as the Mod 21. The Mod 21 was designed to be universal and fit a variety of popular actions. However, in the Remington action, the Model 21 had clearance issues when installed in repeater rifles.

The Mod 22 trigger is a true 2 stage, 4 lever trigger specifically designed for Remington 700 actions and those “clones” that model much of the Remington geometry. With a re-designed upper frame to fit into the receiver with 2 cross pins, clearance problems with internal box magazines like BDL rifles or those with detachable box magazines have been eliminated!

The CG X-Treme Mod 22 trigger is designed by Robert Chombart and is a 100% machined trigger utilizing 3 dimensional solid modeling design and the best materials and manufacturing techniques available in the United States.

Before you start:

Firearms safety is YOUR responsibility.

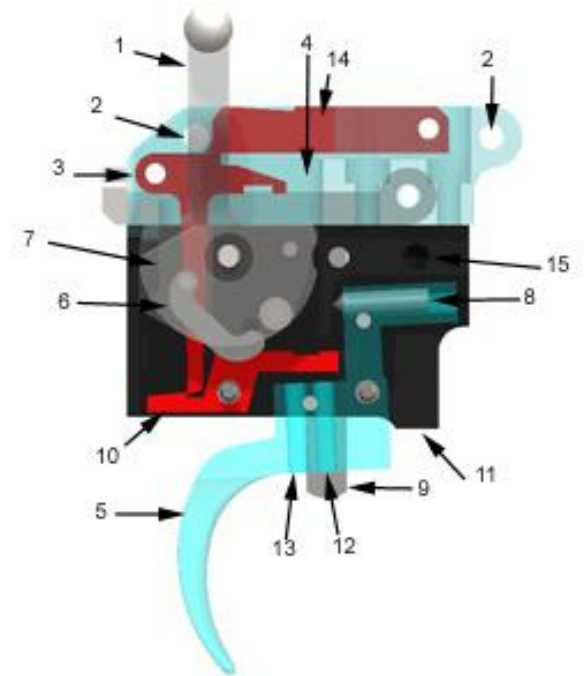
Always:

- **Assume every weapon is loaded.**
- **Keep your finger off of the trigger until you are ready to shoot.**
- **Do not let the muzzle point at anything you are not willing to destroy.**
- **Know your target and what is beyond.**

WARNING

This trigger should be installed by a competent gunsmith. It is intended to have a lighter more crisp trigger pull than a factory trigger but should never be adjusted to an unsafe condition. If you are not experienced in the maintenance, functioning, and repair of rifles, please do not install this trigger.

The trigger will need to be dry fired during adjustment so all ammunition must be removed from the area and locked up during the installation and adjustment procedure.



1. safety lever
2. mounting holes
3. #3 lever
4. 2nd stage pull adjustment screw
5. 1st lever/trigger shoe
6. safety link
7. safety hub
8. 1st stage travel adjustment
9. bolt release
10. #2 lever
11. 1st stage pull adjustment
12. 1st sear engagement adjustment
13. 2nd sear engagement adjustment
14. #4 lever
15. spare spring

INSTALLATION

Remove the bolt from the action and set aside. Remove the rifle action from the stock and using a pin punch, remove the front and rear cross pins, the original trigger and the bolt release (if so equipped).

Before placing your new CG X-Treme trigger into the action slot, adjust the #8 screw to take the 1st stage travel out of the trigger by screwing the set screw in or clock-wise. **It is important to remember that you cannot correctly adjust the sear engagements with 1st stage travel in the trigger.** The correct position of the 1st lever for adjustment and installation is approximately horizontal or parallel to the trigger body.

Place the trigger into the action slot and re-install the cross pins and bolt release taking care to insure the #4 lever is

place down in the trigger body before driving the rear cross pin into place.

SEAR ADJUSTMENT

It is easier to adjust the trigger with the action removed from the stock in order to observe the operation of the mechanism through the holes in the cover plate.

Carefully re-install the bolt into the action closing it gently and observe if it cocks. If it does not, back #12 & #13 sear engagement screws out 1-2 turns until the action cocks. With the 1st lever parallel to the trigger body, gently and slowly turn #12 screw in or clockwise until the action fires. As a starting point, back this screw out ¼ turn. Re-cock bolt and insure that it cocks properly. If not back #12 screw just a fraction more.

Repeat this same procedure with the #13 screw.

The trigger should now be functioning minus the 1st stage travel. Cock and fire the trigger several times to insure the sear engagements feel correct and are not dangerously light. You should be able to pull up against the 2nd stage and feel the hard stop. It should take a deliberate effort to fire the trigger from this point.

Now add the 1st stage travel back into the trigger by backing out the #8 screw 1-2 full revolutions to suit.

PULL WEIGHT ADJUSTMENT

Now that the sear engagements are properly set, it is important to avoid the #12 & #13 screws going forward.

Unless other-wise specified, triggers are shipped in the U.S. with the light 1stage spring installed. A spare heavier spring is provided under the cover plate at location #15.

If you prefer a total pull of 2 pounds or under, the light 1st stage spring is the correct choice. The heavier 1st stage spring will allow you to achieve total pull weights around 3.5 pounds.

The #11 screw is the 1st stage pull weight adjustment. With the provided light spring installed, 1st stage pressure can reach approximately 1 ½ pounds.

The #4 screw is commonly referred to as the 2nd stage pull weight adjustment. It can be reached only by removing the bolt and placing a 2mm hex key down through the access hole in the #4 lever. While fine tuning your 2nd stage pull weights, you may find that the 1st stage increases very slight. This is common as the #4 spring puts "back pressure" all through the entire mechanism. This is easily remedied by taking some weight off of the 1st stage #11 screw.

TEST FUNCTIONING

It is advisable to test the functioning of the trigger many times after all adjustments are made before re-installing the action into the stock. The first stage travel or "take up" should be easy and smooth with a very definite hard stop as you come up against the 2nd stage. The break of the 2nd stage should be deliberate and crisp with no creep.

It is also important to observe that if the 1st stage or slack is taken up and the trigger is not fired but let to return to its unfired position, the second lever (#10) should return to full sear engagement.

IMPORTANT: Any failure of the 2nd lever to resume full engagement when the trigger is released and not fired is a potentially dangerous malfunction requiring immediate cleaning or adjustment of the trigger.

With the trigger cocked, bump the palm of your hand against the barrel or receiver a few times to check for accidental firing. When all inspections and tests are complete, carefully re-install the action into the stock checking for interference or contact of the trigger to the stock or trigger guard as it is moved into place. Any side pressure or contact of the trigger to the stock or trigger guard is a problem and must be avoided.

CONTACT INFO

X-Treme Shooting Products, LLC

Tom Myers

www.x-tremeshooting.com

ctmyers@x-tremeshooting.com

WARRANTY

This trigger carries a lifetime warranty to the original buyer, providing it receives normal use in match rifle conditions. Any obvious mis-use or abuse of the trigger or improper installation will void the warranty.

No other warranty express or implied accompanies this product.