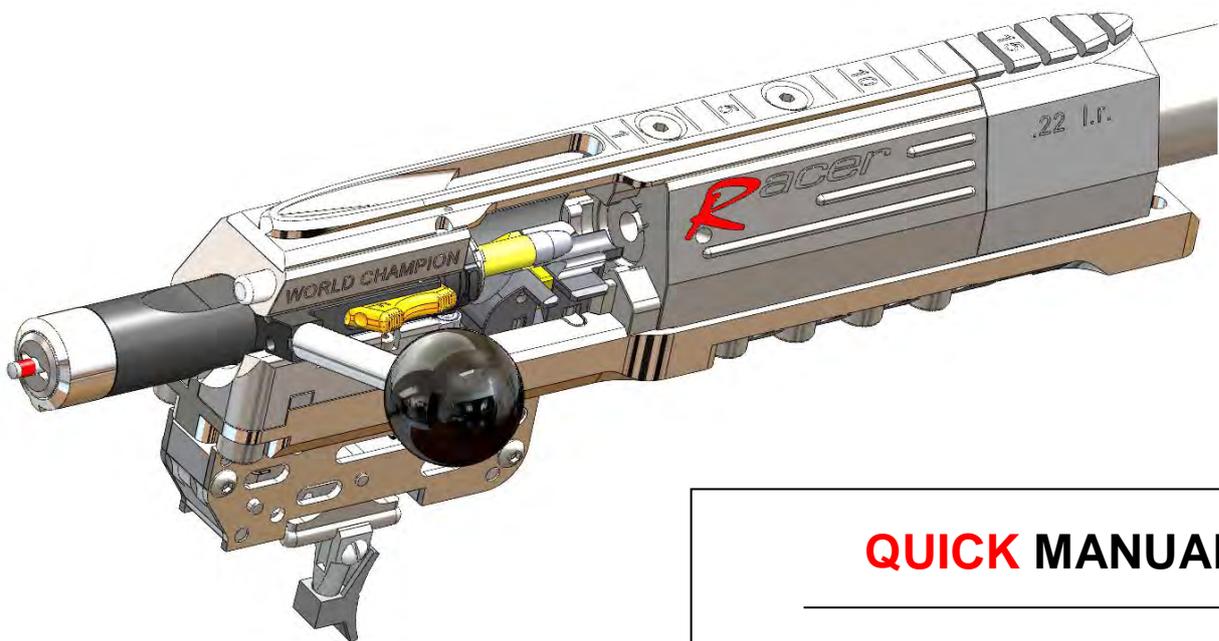


Racer

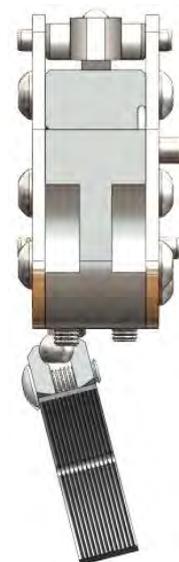
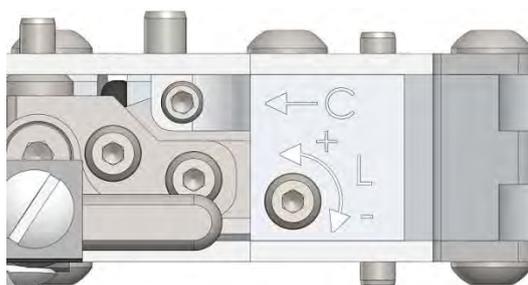
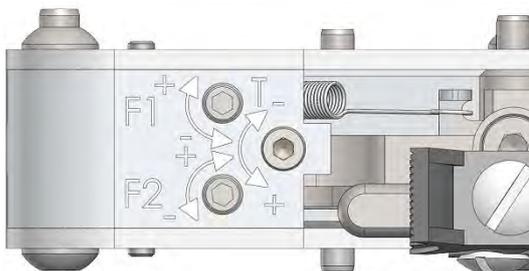
WORLD CHAMPION

SMALL BORE RIFLE .22 l.r.



QUICK MANUAL

Trigger adjustments



Trigger adjustments (quick guide)

-General comments	Page 2
-Overview of the trigger assembly	Page 3
-Trigger pull	Page 4
-First stage pull	Page 4
-First stage travel	Page 4
-Second stage pull	Page 4
-Sear engagement	Page 5
-Adjusting the trigger shoe	Page 6

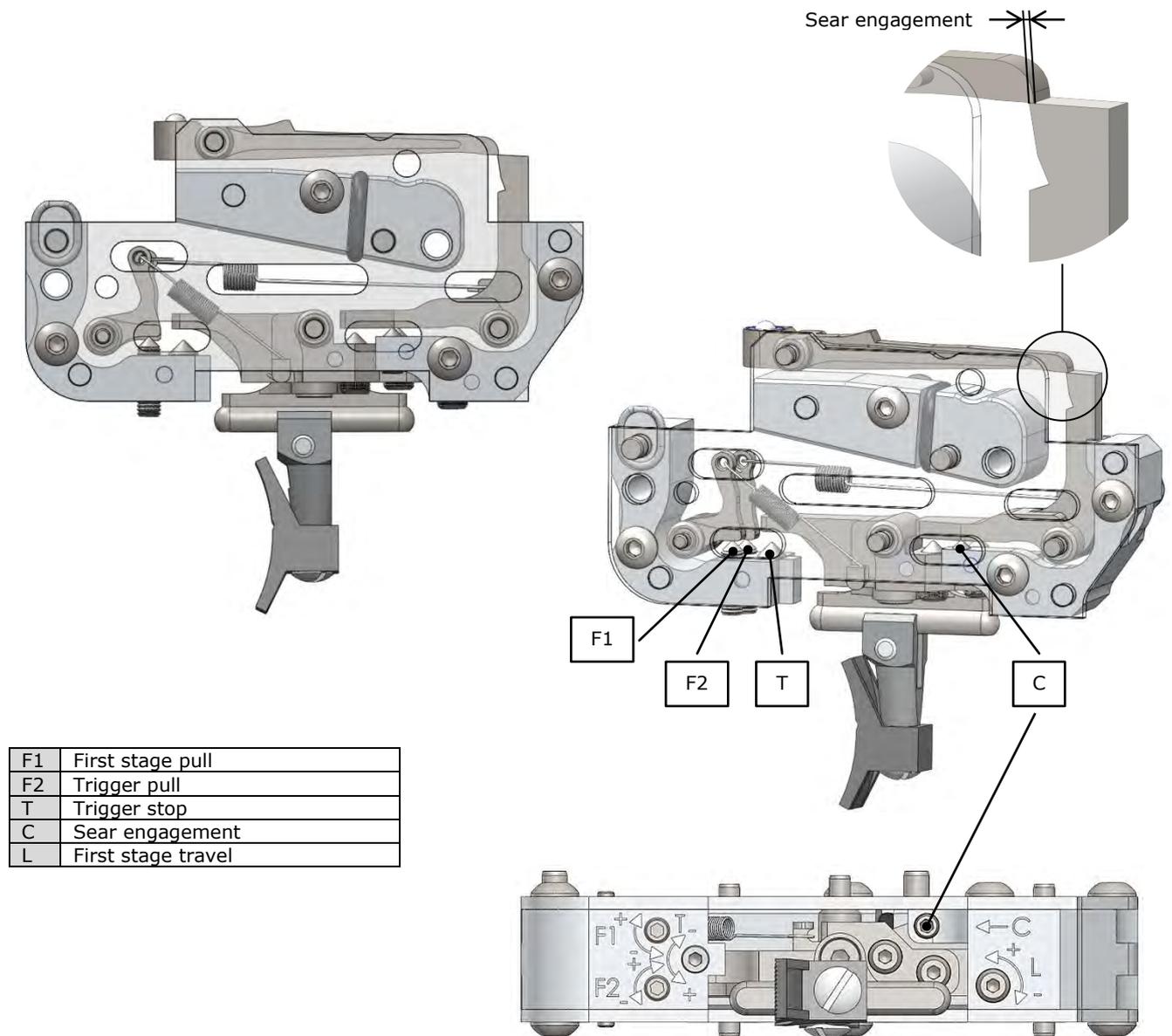
Dear target shooter

We congratulate you for the acquisition of your new target rifle. Our rifles are used worldwide with great success. We are therefore convinced that your decision was easy. Our products fulfill the highest engineering standards and are manufactured with the latest product technology.

Please carefully read the following before using your new rifle:

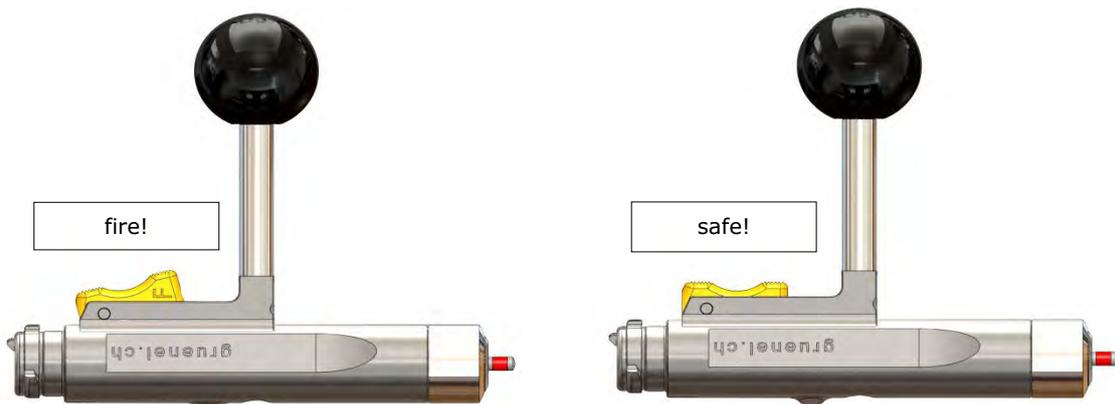
1. Always consider a rifle loaded until you personally checked that it is not. Make sure the action is open when you carry the rifle around so everybody can see that your rifle is unloaded.
2. Make sure the muzzle is always pointed downrange!
3. Always make sure that you are using the correct ammunition for your rifle.
4. Before shooting always check that your barrel is not obstructed by dirt, leftovers from cleaning or other objects.
5. The safety lever must always be pushed all the way in either "safe" or „ready to fire" position (F)! Always keep your rifle on "safe" until you are ready to fire. Make sure there is nothing between the muzzle and the target before you release the safety lever. If you do not fire a shot, always keep the finger off the trigger!
6. Except for cleaning, your rifle should only be disassembled by an authorized gunsmith.
7. The life of your rifle and your barrel depends on proper care. Please carefully follow the instructions in this manual.
8. Target rifles should only be used by an experienced shooter or under the supervision of such individual.

Overview of the trigger assembly



Watch out!

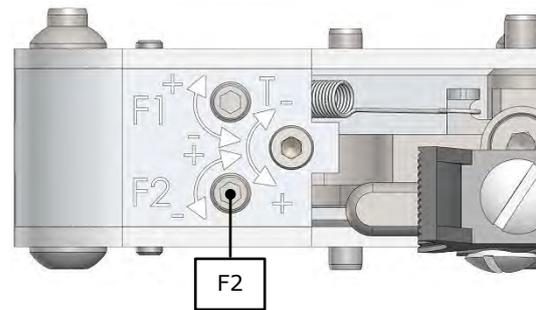
Always unload your rifle before making any adjustments. Carefully follow the safety instructions of your rifle. If you make any trigger adjustments make sure the safety is in the "safe" position (see picture below).



Adjusting the trigger weight:

The **trigger weight** can be adjusted with screw **F2**:

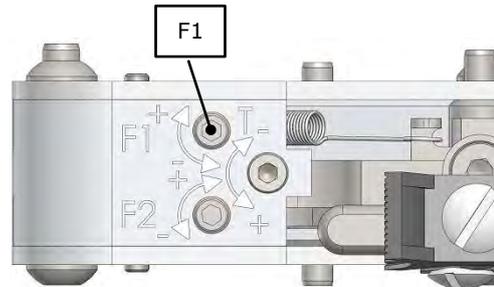
- turn right (clockwise):
trigger weight **increases (+)**
- turn left (counterclockwise):
trigger weight **decreases (-)**



Adjusting the first stage pull (only for double-stage trigger):

The first stage pull can be adjusted with screw **F1**:

- turn right (clockwise):
first stage pull **increases(+)**
- turn left (counterclockwise):
first stage pull **decreases (-)**



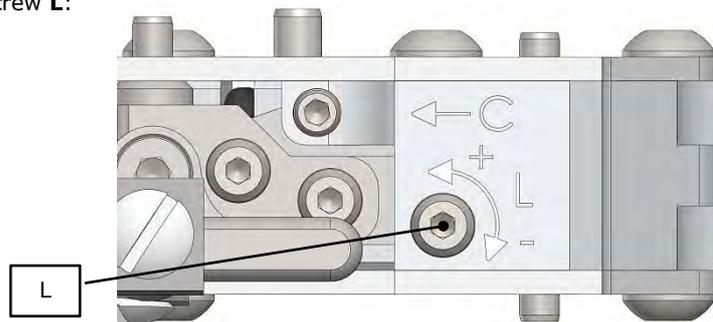
Any adjustment of the trigger pull will affect the first stage pull and vice versa because they are interdependent.

First stage travel:

The first stage travel is the distance the trigger blade moves from the beginning to the trigger release.

The first stage travel can be adjusted with screw **L**:

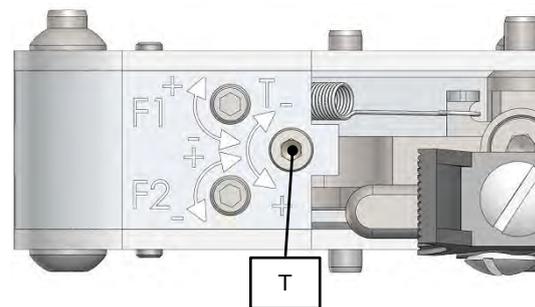
- turn right (clockwise):
first stage travel shortens (-)
- turn left (counterclockwise):
first stage travel extends (+)



Second stage pull:

The second stage pull together with the trigger stop can be adjusted with screw **T**:

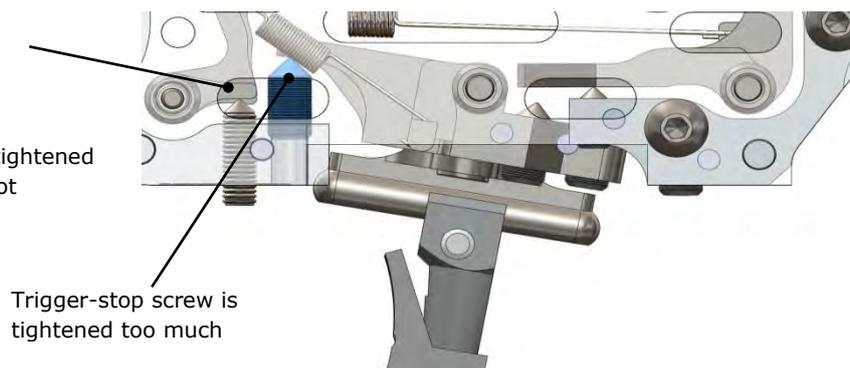
- turn right (clockwise):
second stage travel shortens (-)
- turn left (counterclockwise):
second stage travel extends (+)

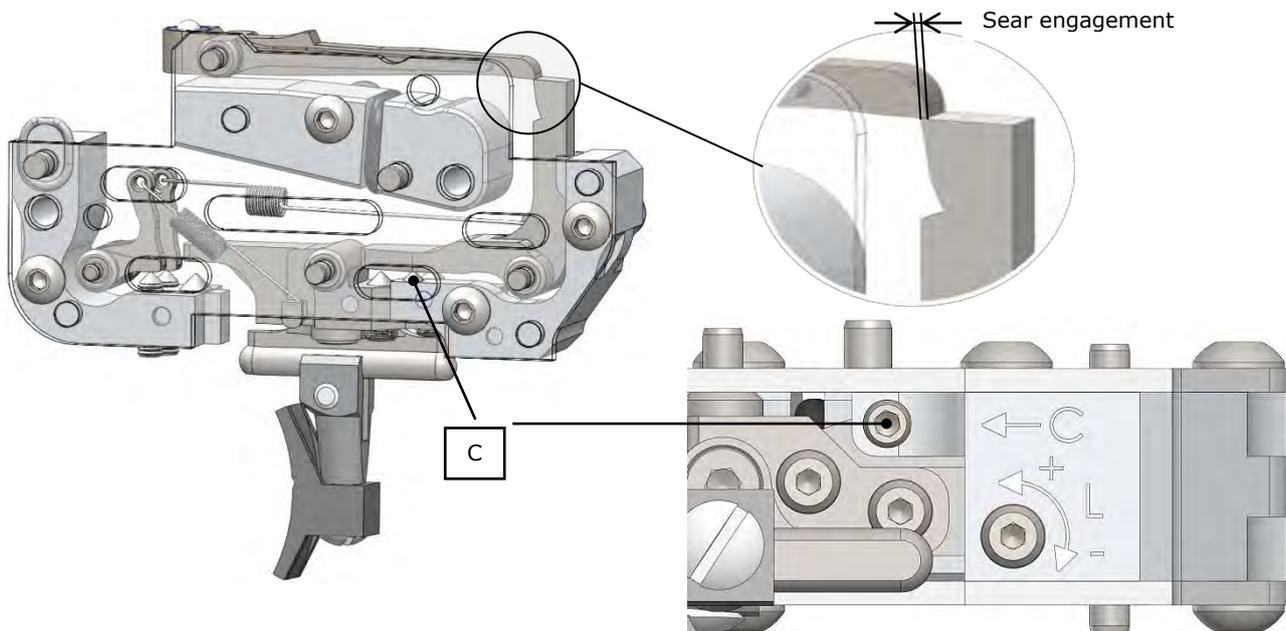


Watch out!

The trigger-stop screw **T** can be tightened too much so that the trigger will not release!

Inspection slot





Sear engagement

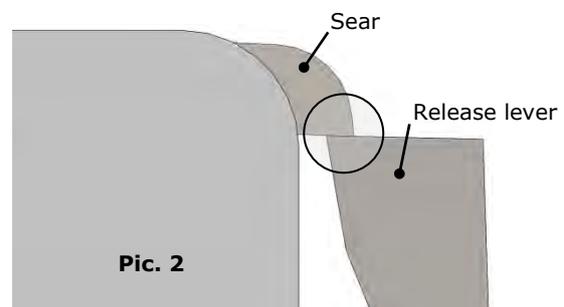
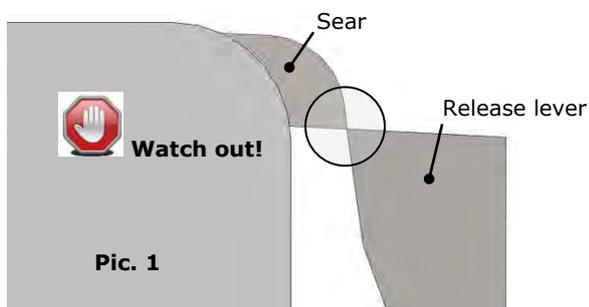
The sear engagement was perfectly adjusted when the rifle left the factory.

Adjusting the sear engagement requires a lot of experience. Always refer to your gunsmith for making this adjustment. If this adjustment is not done properly, you will experience malfunctions!

The pictures below show the sear engagement either too small (**Pic. 1**) or too big (**Pic. 2**).

Watch out!

If the overlap is too small, the trigger can be accidentally released by the slightest movement or vibration! Additionally, the lifespan of your trigger will be dramatically reduced.



When the overlap is too big (Pic. 2), you will experience „creeping.“

The overlap can be adjusted with screw **C**:

- turn right (clockwise):
sear engagement decreases
- turn left (counterclockwise):
sear engagement increases

Important!

To prevent any damage to your precision trigger never close the action forcefully! If the sear engagement is too small or the first stage pull too short, it is possible that a shot is released accidentally when closing the action or a hard blow strikes the rifle.

Hint: After having made adjustments to your trigger, test the proper function by using the dry fire mode.

Adjusting the trigger shoe:

Loosen the locking screw. The trigger shoe can be pivoted sideways or moved back and forth. The asymmetrical trigger rail **5** can be flipped 180.° This gives you an additional option for adjusting the trigger shoe sideways.

