

Dear Customer,

You are a proud owner of a Merkel o/u rifle of the model series B3.

A typical feature of this o/u series is the free floating bottom barrel that is guided on the muzzle and is adjustable in windage and elevation to the upper barrel.

The adjustment of the bottom barrel has always to be done by firing a group of shots (always in the sequence bottom/upper barrel) in a period of 6-8 seconds by using the set screws 1 and 2 that are located in the area of the barrel hook. These set screws are fixed with lock screws 3.

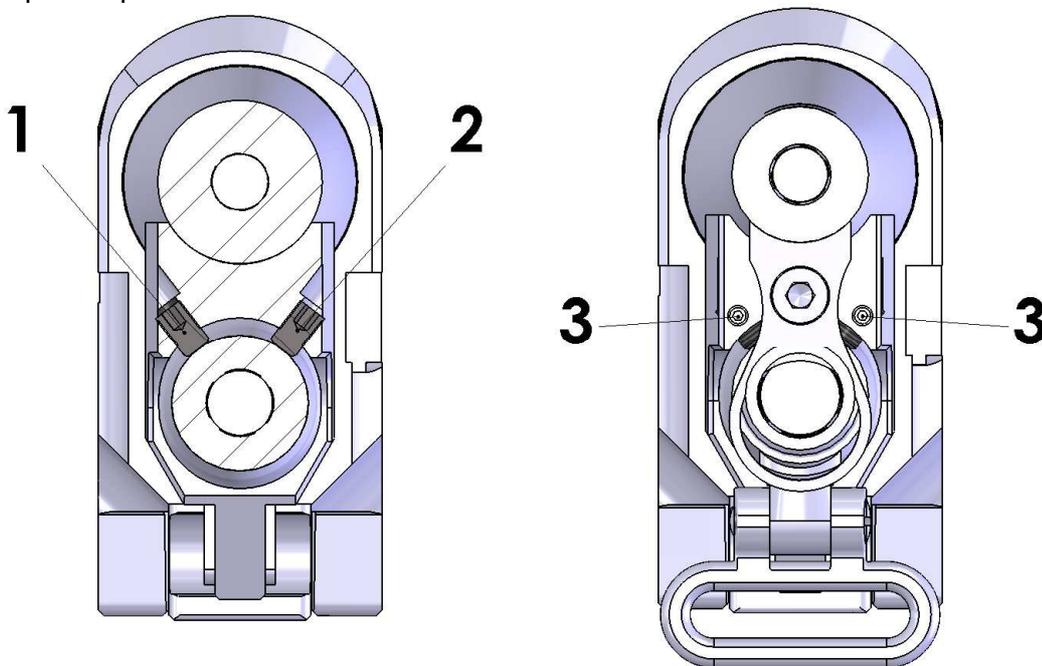
To reach an optimum of precision the barrels have to be cooled down after each shooting group to room temperature.

Please note:

The o/u rifle B3 is adjusted in the factory with a scope 3-12x50.

When other scopes are mounted - the point of impact can vary.

In this case - please proceed as follows:



- Release the lock screws 3(turn counter clockwise)

**ATTENTION:** The adjustment reacts very sensitive (1 turn corresponds app. 30 cm on a distance of 100m!)

In case of

- high shot of the bottom barrel: steady turn the set screws 1 and 2 counter clockwise
- deep shot of the bottom barrel: steady turn the set screws 1 and 2 clockwise
- right shot of the bottom barrel: steady turn the set screw 1 counter clockwise and the set screw 2 clockwise
- left shot of the bottom barrel: steady turn the set screw 1 clockwise and the set screw 2 counter clockwise

Set screw 1 is located right, set screw 2 left (while looking into muzzle direction)

**IMPORTANT!** The adjustment of the bottom barrel has to be done on the cold barrel.  
After finishing the adjustment process the set screws have to be fixed with the counter screws 3 (turn clockwise)

We recommend to have done the adjustment of the gun by an authorized Merkel – dealer.

Alteration without prior notice