

# GUN EXPERT



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## The Reversible Mechanism Cover with Bar Expert

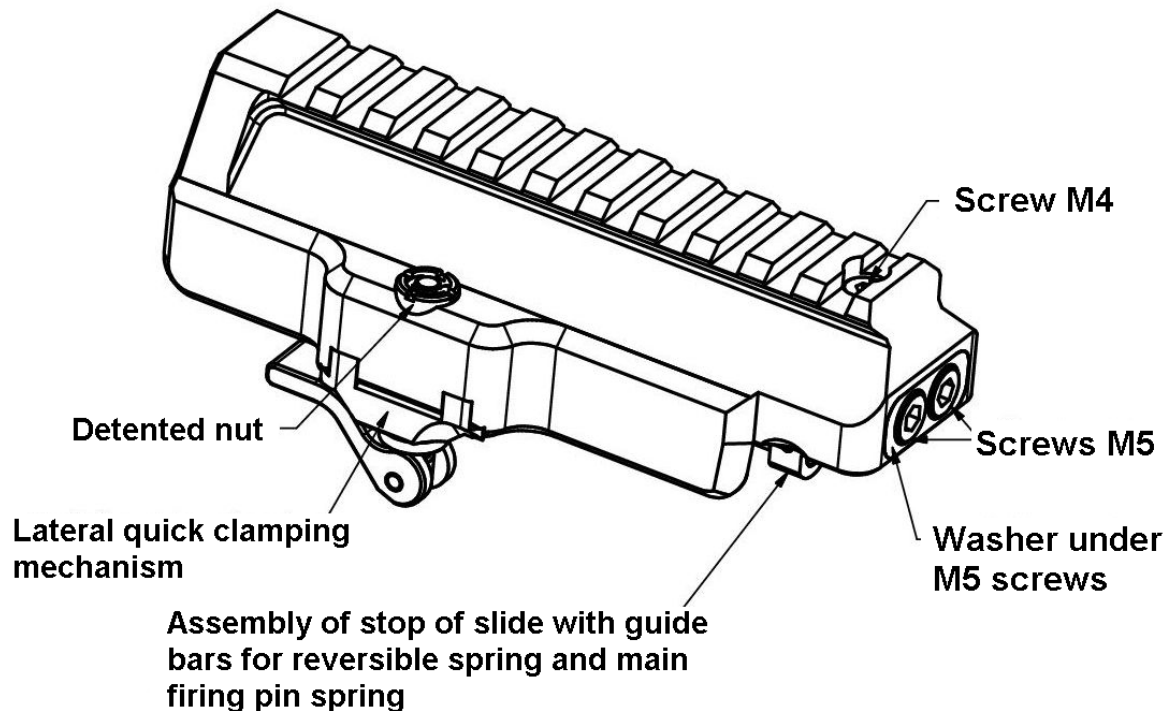
Dear customer, we should like to thank for buying our product. We believe you will be satisfied with our product and that it will serve you good. Please, read carefully this instruction manual before an assembly.

The Reversible Mechanism Cover was primarily developed for magnifying module of night seeing without an aim warp which is placed behind a collimator. Careful adjustment according to these instructions allows The Reversible Mechanism Cover to use it for a Dial Sight installation.

The Reversible Mechanism Cover with Bar Expert was developed for an easy installation on the weapon without any other adaptation. In spite of this fact, a necessity to adjust some of the gun parts can be detected for the right system function. This necessity depends on big dimension differences of various rifles. If the lateral area of gun is deformed, a side backlash of the cover can appear. The backlash is taken up with quick clamping mechanism but the correct aiming point can be lost especially when the Dial Sight is placed on The Reversible Mechanism Cover. The same difficulties can be detected if the upper surface of the rifle is not flat.

When you unwrap the delivery, please check the fullness of delivery by followed list:  
The Reversible Mechanism Cover with bar Expert and lateral clamping mechanism  
The assembly of stop of slide with guide bars for return spring and firing pin spring  
2x screw M5 with cylindrical head  
1x screw M4 with cylindrical head  
plain washer under M5 screws

Picture no. 1



**Warning:** The Reversible Spring and The Main Firing Pin Spring is not part of the delivery. If you attach The Cover on gun without the main firing pin spring and stretch the slide backwards, the firing pin remains in rear position and it is not practicable to take off the cover. Then you have to incline the muzzle gun point down and push the trigger. A firing pin should move to the front position. If it does not come, dismantle the screws M5 a screw M4, take off a duralumin cover without guide bars and stop slide. Then you can push the trigger and move the firing pin to front position. Then you can take the stop slide and guide bars off.

**The Assembly:** First of all, check the gun, it must be unloaded. Take off the original cover of a reversible system. Carefully clean the contact area. The frame of the reversible system cover exceeds a rear part of gun. (Pic.2). It can result in the additional requirement to modify a rifle butt. The reversible system cover must not touch the butt. Because the product is not delivered with main firing pin spring and reversible spring, use original springs. For disassembly of reversible spring it is necessary to push the spring to disengage the roller. Holder of spring is hooked to the roller. Take out the roller and pull out the spring.

Pay attention to disassembly and assembly of that spring. It can spring up and injure someone around. Now install the main firing pin spring and reversible spring on their guide bars in an inverse order. You can take up the configuration from the cover to unscrew of two screws M5 and one screw M4. The assembly of springs can be easier. Do not lose the washer under M5 screws.

You assembled the springs, you can insert the entire configuration inside the cover and screw in all three screws, don't fasten it.

Before The Reversible System Cover mounting disengage the handle of quick clamber (hand must be oriented to the back – Picture 2). The nut of the quick clamber must be free, not tightened. The nut is secured with small ball against rotation. The nut can rotate when the joint of handle is pushed (Picture 2 - 1) and the nut is lifted up. Every time when you adjust the thrust of quick clamber be sure to have a small ball securing the nut in the right position. If the ball is not in right position, the nut can be damaged by tightening the handle of quick clamber. Before the handle of quick clamber is tightened, the nut must rotate free.

Put The Reversible System Cover on the weapon, push it on the weapon frame. Push the assembly pin into the frame of the weapon.

Now it is necessary to adjust the quick clamber. Pull the handle of quick clamber and tighten it as on picture 3. If the cover is not fastened to the frame of weapon, release the handle of quick clamber (picture 2) and rotate the nut to adjust a thrust.

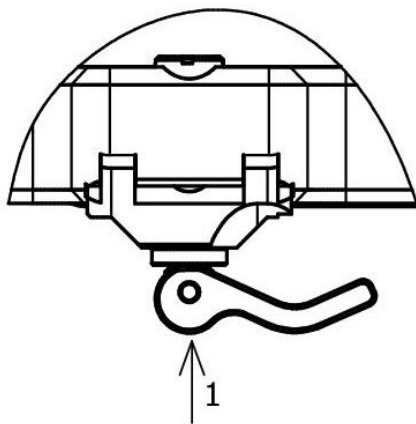
Probably it will be necessary to repeat this process several times to achieve the correct thrust. The handle should be tightened by fingers. Warning: if the tightening is too high, the quick clamber can be damaged.

Particularly if the cover is new one, we can recommend tightening simultaneously to push on the clip (picture 3, position 2) to decrease the operating force.

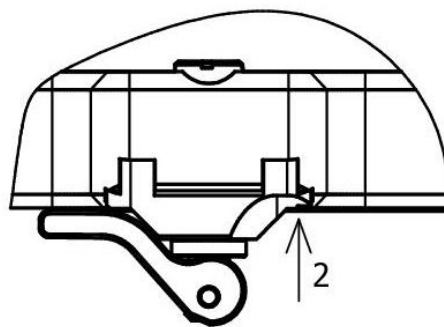
If the quick clamber is adjusted, tighten the M5 screws. To prevent screws from releasing use the Loctite locking.

After few gun shots check the reversible system cover tightening and eventually adjust it once again.

**Picture 2**



**Picture 3**



**The Maintenance:** preserve steel parts after shooting with weapon oil. All bearing areas must be cleaning order not to change the correct aiming point, if the dial sight is installed.

We would like to thank you for all experience and information to improve our product.

The gunsmith is not responsible for a weapon damage incurred by incompetent assembly or a violation of this instruction manual.

**The Guarantee:** 24 months from the date of selling.

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