

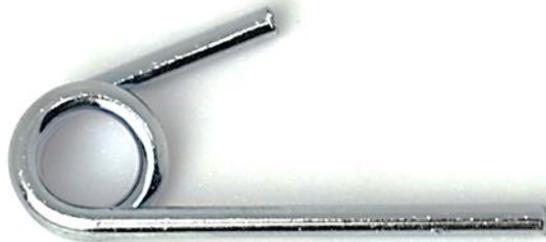
Trigger Spring, Light for

o CZ Scorpion EVO 3

Thank you for choosing a high-quality **TECTAL** product!

The *light trigger spring* is 100% „Made in Austria“ and offers the following advantages:

- ✓ Reduces the trigger pull weight by 25%* while maintaining full reliability
- ✓ Simple installation without any modifications to the gun
- ✓ High-quality spring steel, heat treated and plated to allow for visual differentiation from the original spring and to offer additional corrosion protection



Supplied Parts:

- 1 pc. **TECTAL Trigger Spring, Light PN 04.126**

** Mean value from tests with multiple guns; Actual reduction will depend on the condition of the trigger mechanism, proper lubrication, etc..*

It is recommended to have the *trigger spring, light* installed by a gunsmith!

To further help in identifying the parts consult the parts diagram and parts listing in the original instruction manual.

Required Tools:

- Allen key 1,5mm
- Allen key 3mm
- Centerpunch or other cylindrical assembly / disassembly tool, diameter 2,5mm

INSTALLATION - PREPARATION

1. **Before maintaining or working on any firearm always ensure that it is unloaded and safe!**

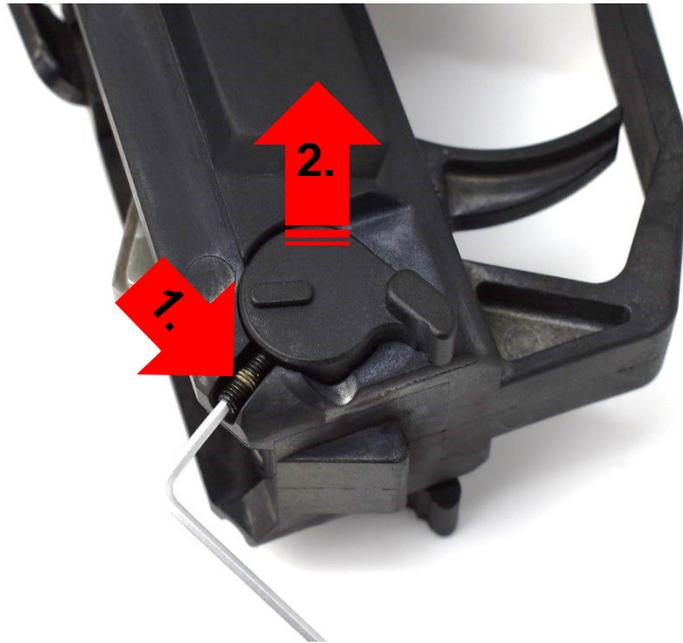
While pointing the firearm in a safe direction remove any magazine from the firearm and ascertain it is unloaded by locking the slide to the rear and visually inspecting the chamber before working on or cleaning it! If loaded follow the proper procedures to unload the firearm safely!



Firearms Safety is your responsibility!

2. Separate the upper receiver from the lower receiver - as per the CZ instruction manual - by
 - a. locking the bolt back by cocking the action and rotating the charging handle into the cut-out of the hand-guard.
 - b. pushing out the disassembly pin (CZ instruction manual „No. 41 - Disassembly pin”)
 - c. removing the lower by pulling down and forward on the magazine well.

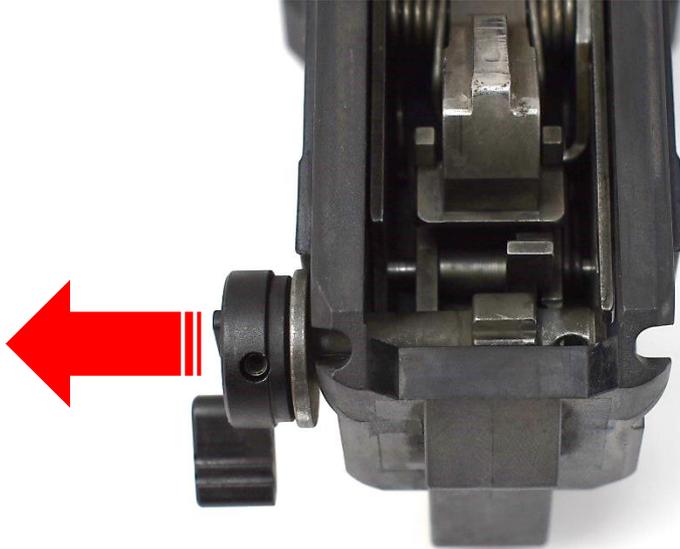
3. Rotate the safety selectors into the „Fire“ position – the mounting screws (= set screws) of the safety selectors become accessible.
4. Unscrew and remove the set screw of the safety selector on the right side (viewed from top and behind) using the 1,5mm Allen key (1.) and pull the safety off (2.).



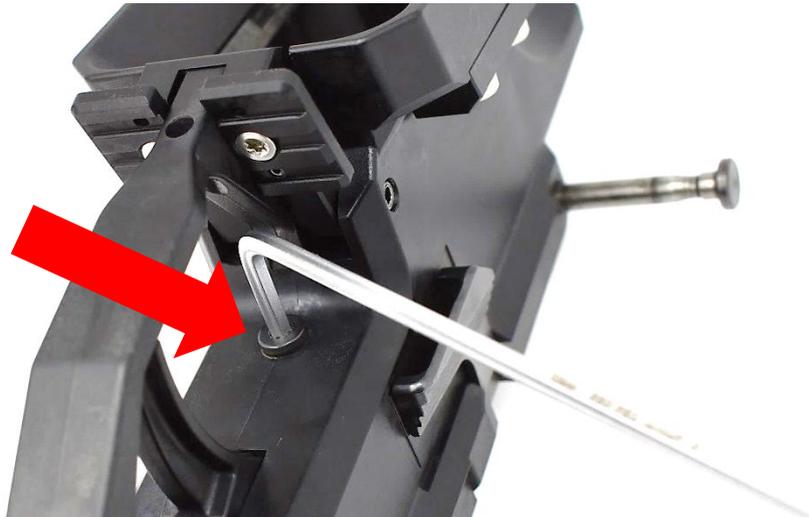
Note:

The set screws are secured with a thread locker from the factory and may require a little force to break loose. Use a standard Allen key -- using an Allen key with a spherical head is NOT recommended to avoid damaging the hex head of the set screw!

5. Pull out the safety selector shaft (CZ instruction manual „No. 60 – Safety plug“) from the lower to the left.



6. Loosen the screw retaining the trigger pack with the 3mm Allen key.



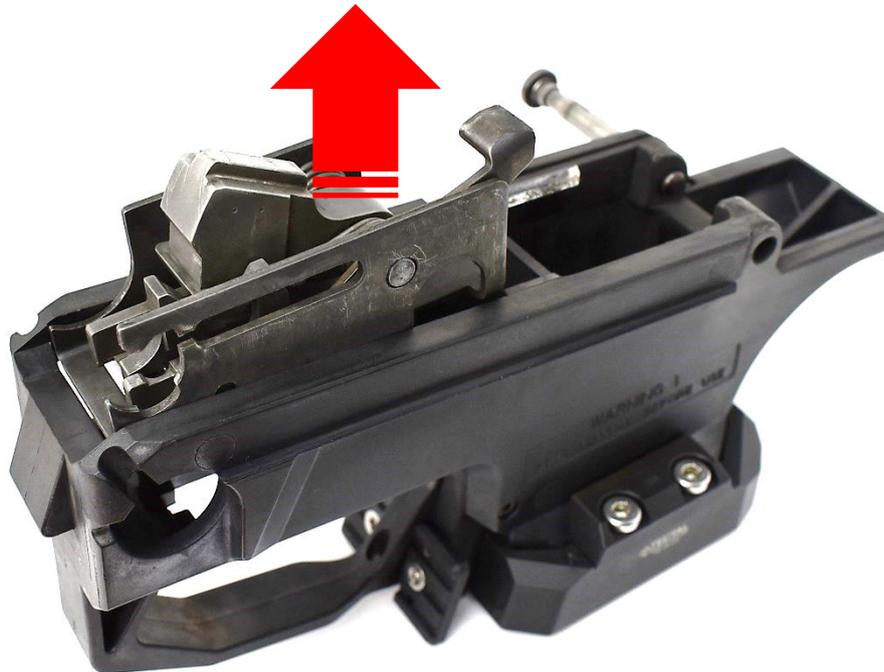
Note:

The trigger pack screw may require some force to break loose. Use a standard Allen key to avoid damaging the hex head of the screw!

ATTENTION: *With the first version of the trigger pack the retaining screw may be spot welded on the inside of the trigger pack. In this case it is strongly recommended to consult a gun smith to avoid damaging the gun during disassembly!*



7. Remove the trigger pack from the lower. The hammer shall be cocked for this step!



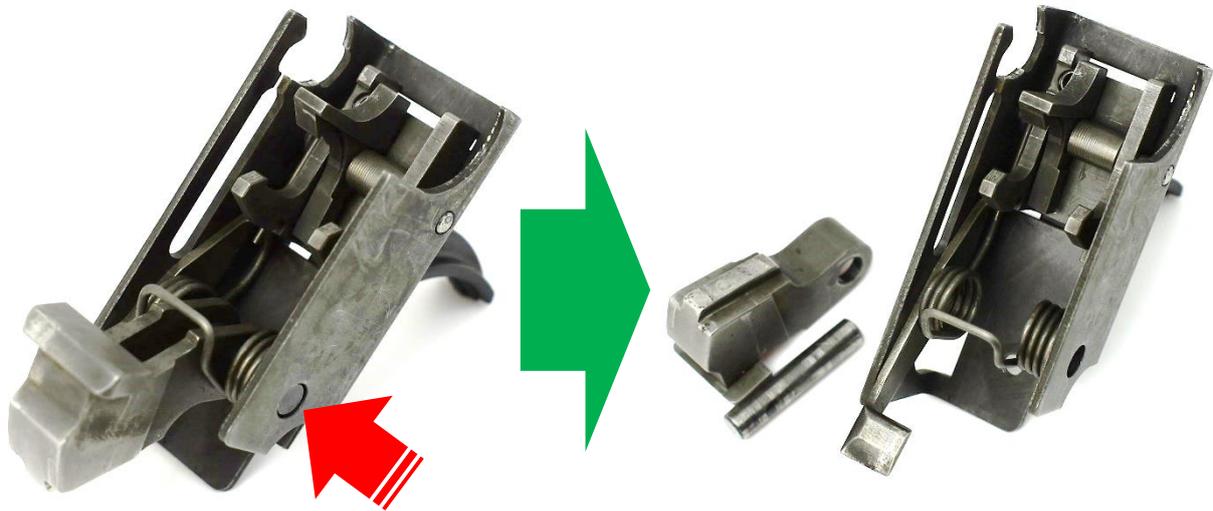
8. Carefully lower the hammer.



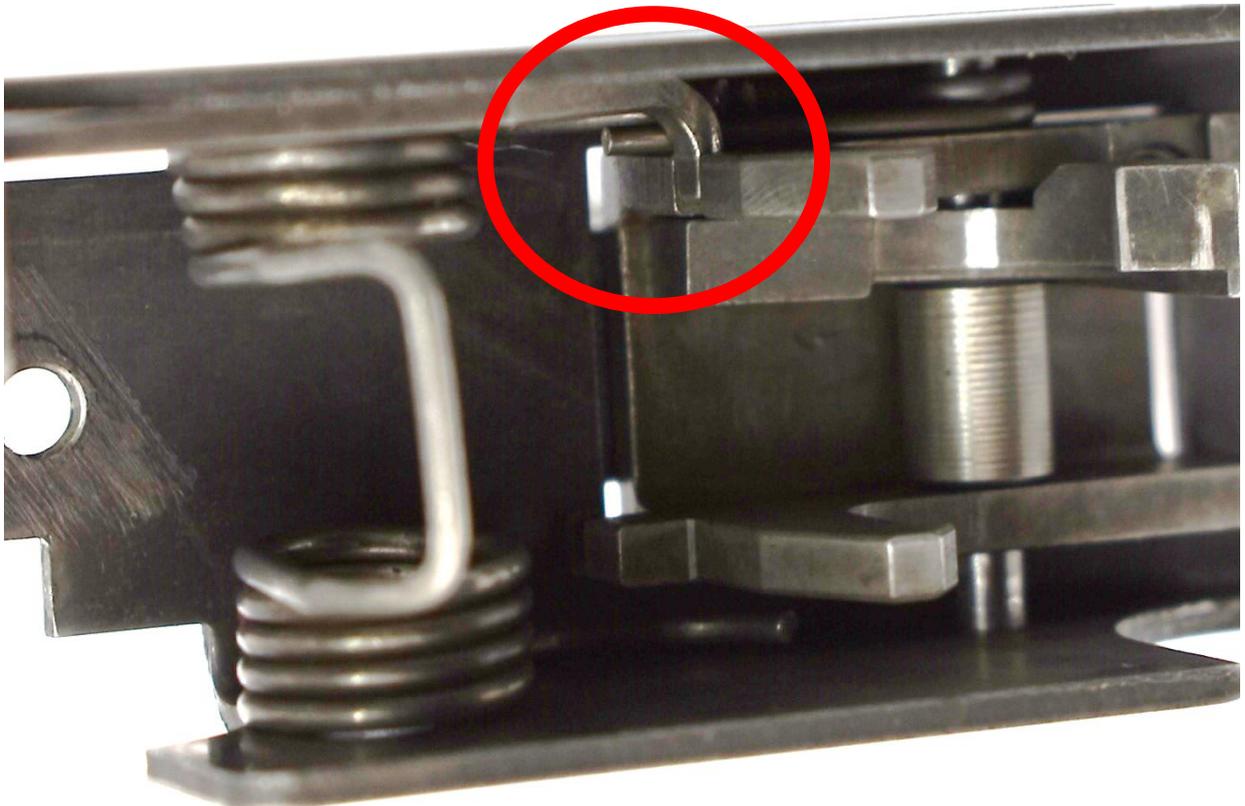
At this stage it is recommended to take note of the position of the components before continuing with disassembly.

A thorough cleaning and inspection of the individual components during the following steps shall be considered.

9. Push the hammer pin through with the centerpunch and remove the hammer.



Before the next step take note how the extension of the lever (CZ instruction manual „No. 55 - Block lever“) is retained in the recess of the trigger mechanism (CZ instruction manual „No. 56 - Trigger housing“). The trigger spring is located underneath and thereby preloaded.



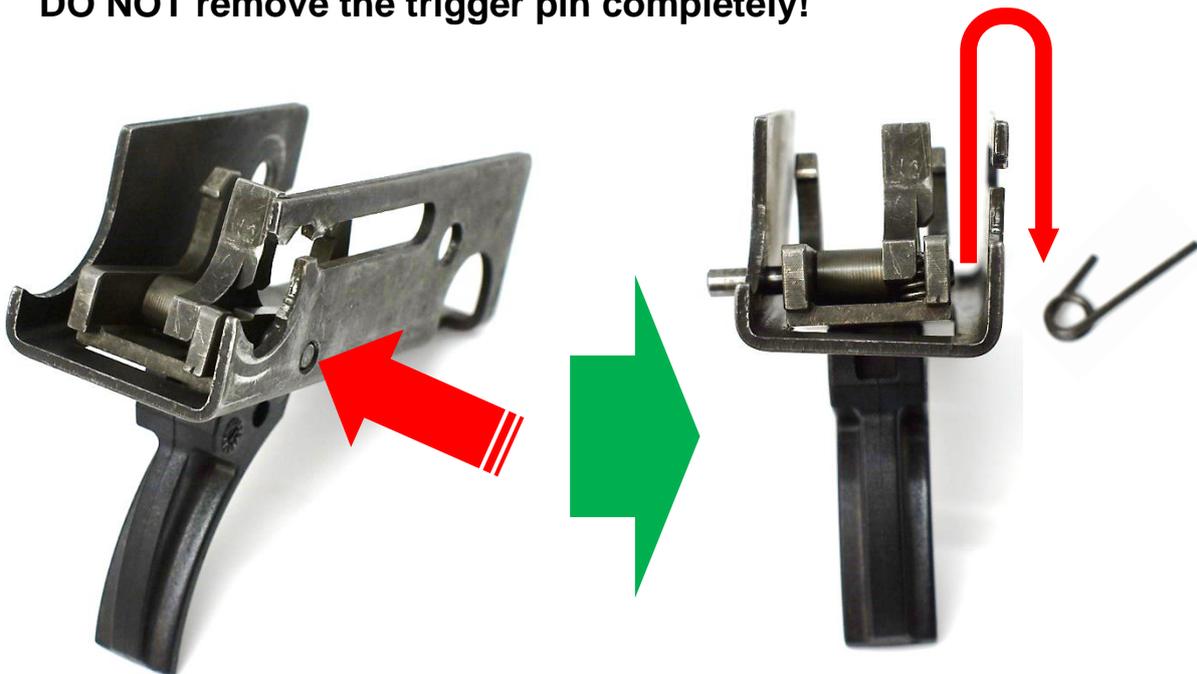
10. Remove the hammer spring and the lever (CZ instruction manual „No. 55 - Block lever“).



Maintain a firm grip on the lever to prevent it from jumping off as it is under preload from the trigger spring.

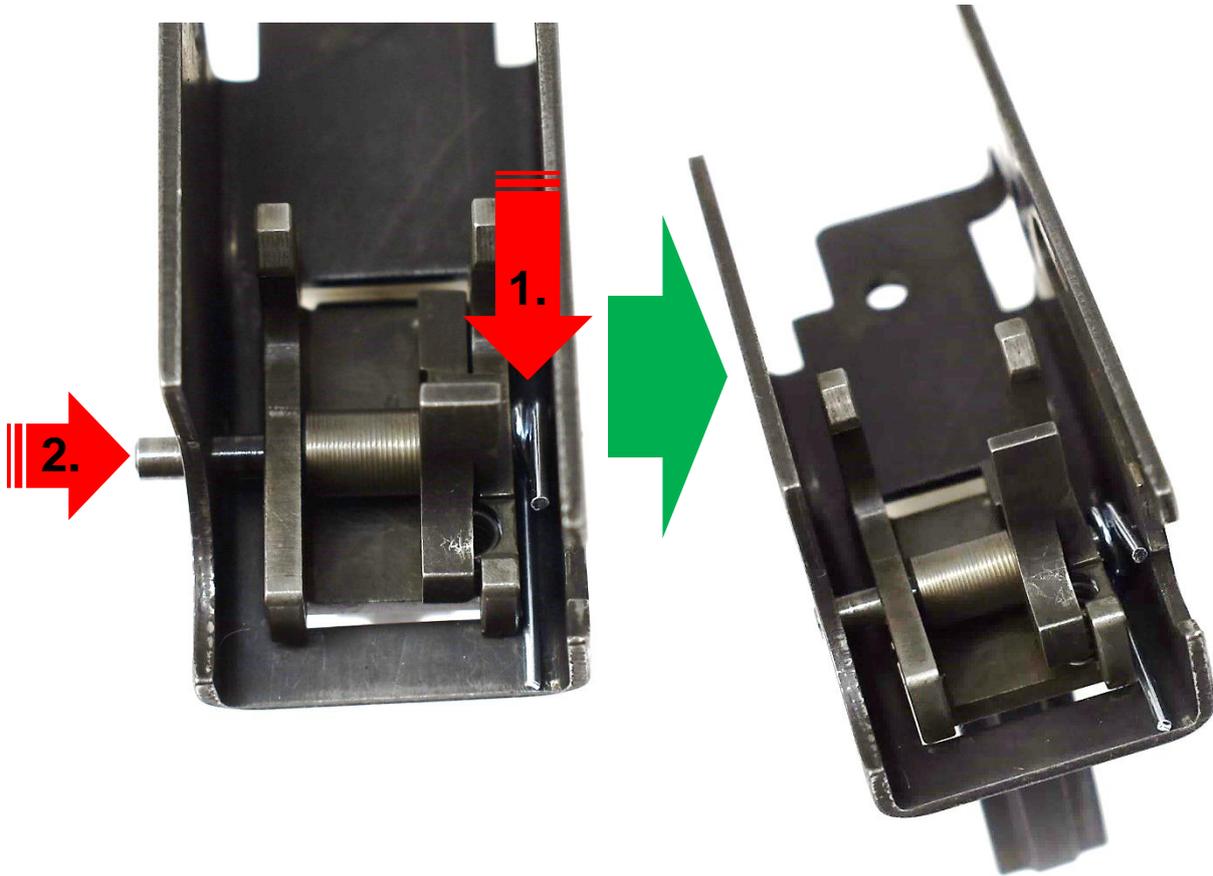


11. Press the trigger pin out from left to right with the centerpunch until the trigger spring can be removed.
DO NOT remove the trigger pin completely!



INSTALLATION

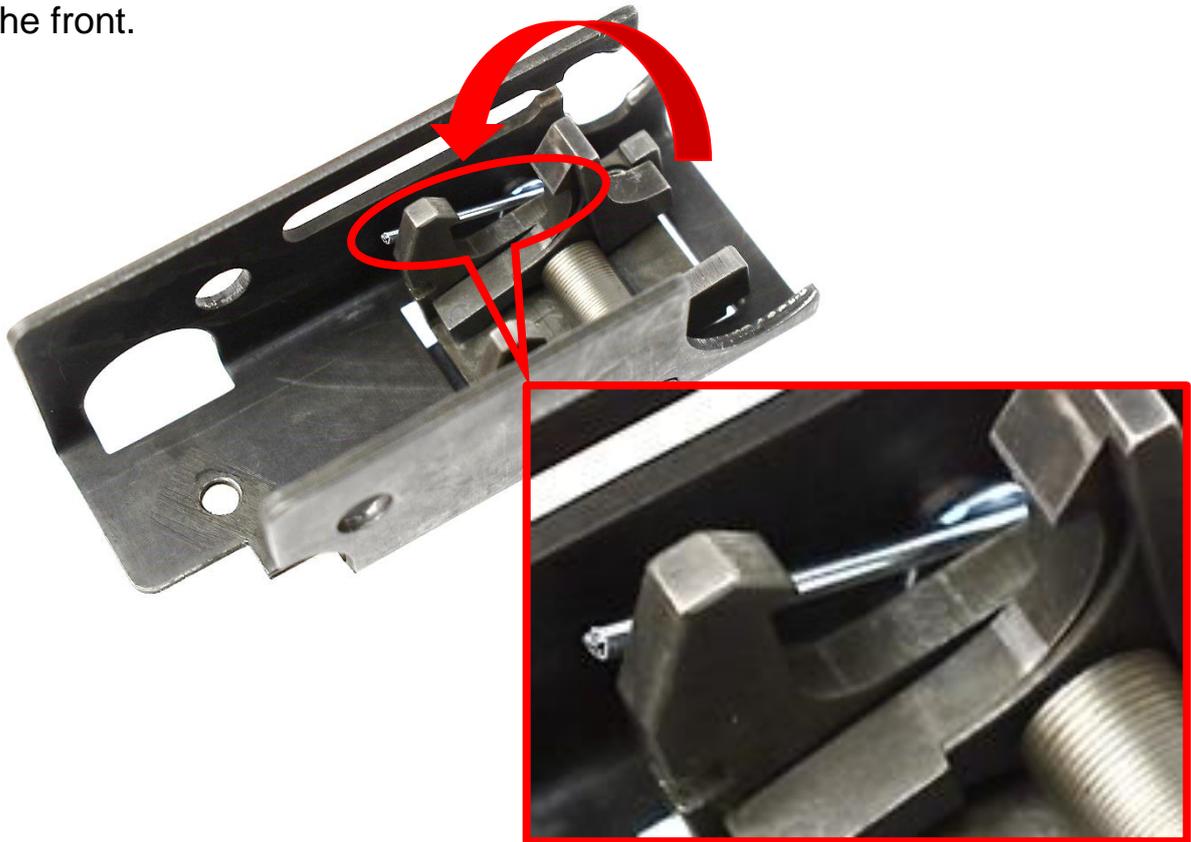
1. Insert the **light trigger spring** (1.) and push the trigger pin back into its original position (2.). The trigger pin must pass through the eye of the **light trigger spring** to keep it in position!



Note:

- a. Before reinstalling the trigger pin in its position, it is recommended to apply a light coating of a quality gun oil!
- b. To push the trigger pin easily back into position and **THROUGH** the eye of the spring take care to align the holes!
- c. At this stage the long spring leg shall point rearwards and rest against the trigger housing, as shown above.

2. Flip the long spring leg of the *light trigger spring* up to face towards the front.

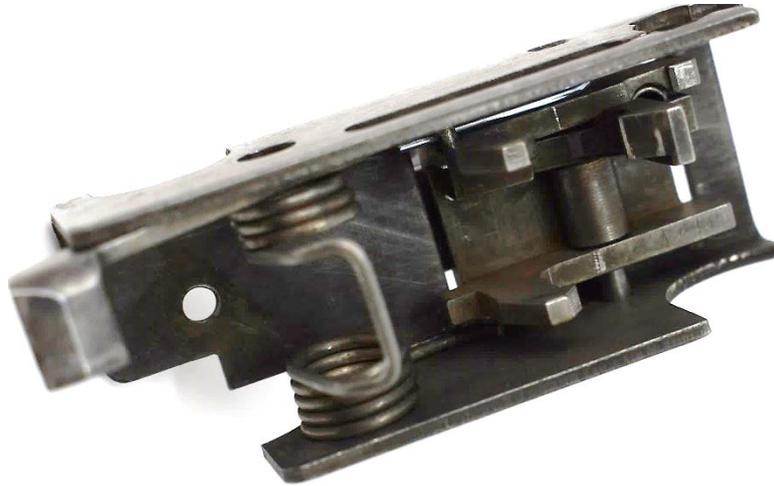


3. Re-install the lever Hebel (CZ instruction manual „No. 55 - Block lever“) and hold it in position!

Note: Take care to position the extension of the lever in the recess of the trigger mechanism and that the long spring leg of the *light trigger spring* is located underneath the extension exerting a preload.



4. Re-install the original hammer spring in the correct orientation – the hammer spring will hold the lever (CZ instruction manual „No. 55 - Block lever“) in position for further assembly.



5. Install the hammer and retain it by inserting the hammer pin. Before reinstalling the hammer pin in its position, it is recommended to apply a light coating of a quality gun oil.
6. Cock the hammer, insert the trigger pack into the lower and re-tighten the retaining screw.

Note:

Do not overtighten the retaining screw to avoid damage to the screw and the thread in the trigger housing (CZ instruction manual „No. 47 – Trigger case“) !



7. Carefully lower the hammer for an easier installation of safety selector shaft (CZ instruction manual „No. 60 - Safety plug“) and then insert the safety selector shaft from the left into the lower / trigger pack.



8. Place the right safety selector on the safety selector shaft and reattach using the factory set screw.

Note:

- *The shaft end on which the safety selector is placed may be covered by an excess of thread locker from the factory → if required for proper fitting of the safety selector remove carefully.*
- *The set screw can be re-secured with thread locker after the installation of the safety selector. To do so*
 - a. remove as much of the old thread locker as possible without damaging the thread.*
 - b. apply thread locker sparingly to the middle of the set screw (max. 3 to 4 thread turns).
Use Loctite 243 (blue) or a comparable, non-permanent thread locker to ensure bolt retention while maintaining removability for maintenance.*

Observe the manufacturer's instructions for the correct use of the thread locker!

- *Do not overtighten the set screw to avoid damage!*

9. Apply a light coating of a quality gun oil to all pivot, contact and friction points.
10. Complete re-assembly of the gun in reverse order of disassembly.

NOTES ON INSTALLATION AND MAINTENANCE

INSTALLATION



It is recommended to have the *light trigger spring* installed by a gunsmith.



Especially consider the information under “Note” on the previous pages for proper installation.

MAINTENANCE

The *light trigger spring* does not require any specific maintenance. It is sufficient to clean it when maintenance is performed on the trigger pack. The use of aggressive solvents or abrasive tools for cleaning is neither necessary nor recommended!

For the best possible, constant reduction of trigger pull weight regular maintenance of the trigger pack and proper, light lubrication of all pivot, contact and friction points with a quality gun is recommended.

In case of any questions please contact us at
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