Improved Magazine Release / Mag Catch (PN 06.101) for

- **Typhoon F12**

Thank you for choosing a high-quality TECTAL product!

The *improved magazine release* has been 100% engineered and “Made in Austria”. It offers the following benefits:

- ✓ Optimized shape, grip and guidance of the *release button* for improved accessibility as well as easier and safer operation
- ✓ Revised, positive connection between the *connecting bolt* and the *release button* for reliable operation and even operating forces due to improved stability
- ✓ Robust execution from high-strength Aluminium with hard coat anodizing and surface treated steel for longevity

PN 06.101 – Scope of Supply resp. Complete Assembly

Scope of Supply:

- *TECTAL Improved Mag Release PN 06.101* consisting of:
  1 pc. *release button*, 1 pc. *connecting bolt*, *mounting bolts* (1 pc. black, 1 pc. stainless steel)

Required Tools:

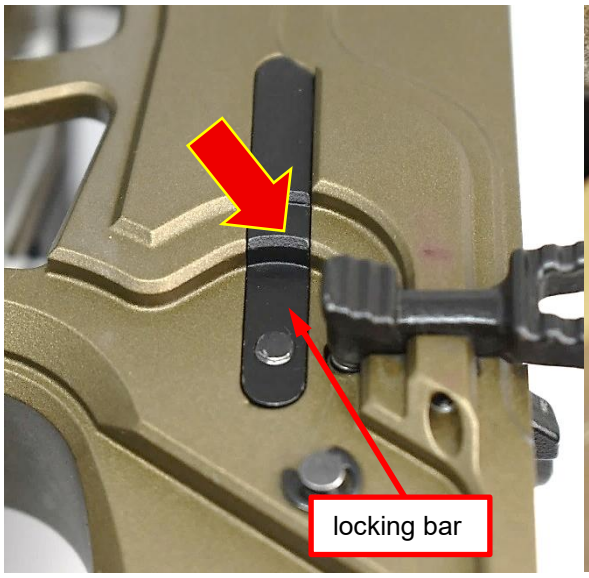
- Slotted (flat-head) screwdriver
- Allen key 2mm

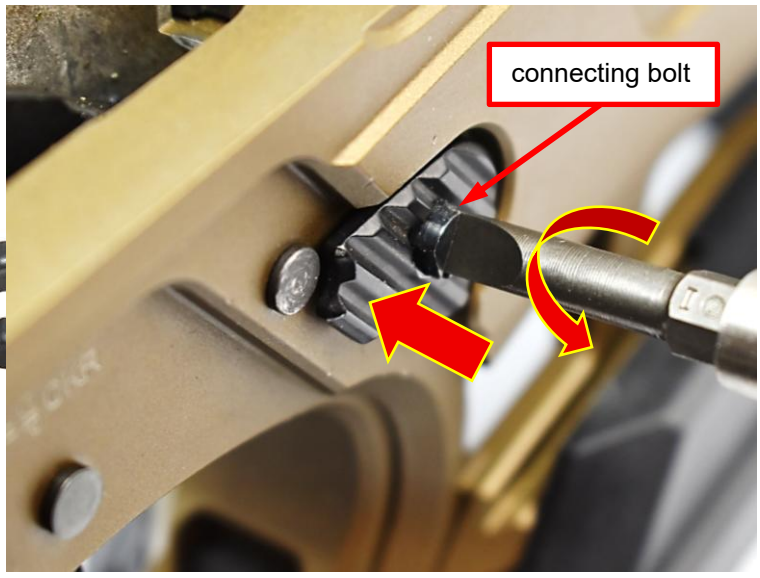
INSTALLATION - PREPARATION

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 bolt 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 original instruction manual. The installation from thereon will only involve the lower receiver.

3. Remove the original push button and connecting bolt;
   To do so
   - maintain pressure on the locking bar on the opposite side of the lower while
   - pushing down on the release button without covering the head of the connecting bolt so that the head of the connecting bolt is released from the push button and can be unscrewed with a slotted screwdriver.





CAUTION:

The spring of the mag release is under tension – release carefully after unscrewing the connecting bolt.

4. The locking bar and the spring are re-used – inspect and clean as required.

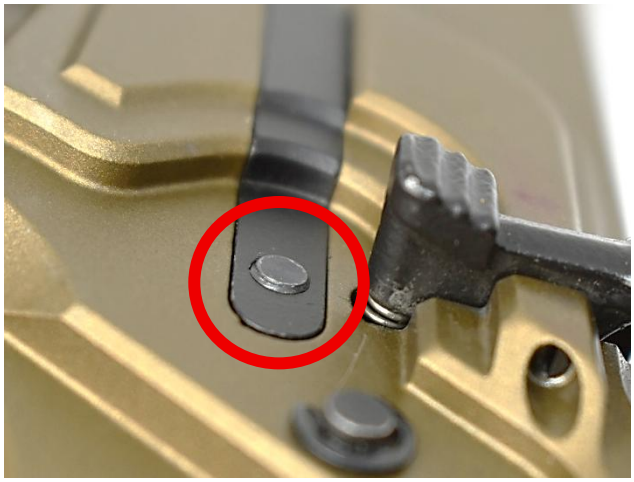
INSTALLATION

1. Re-insert the locking block.

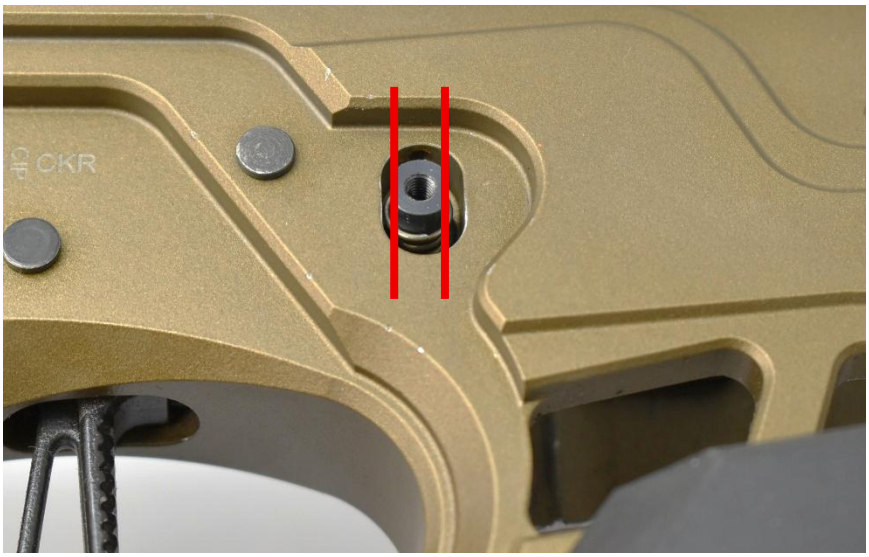
2. Lightly oil the new *connecting bolt*, insert it into the spring. Insert the *connecting bolt* with the spring into the lower and reattach it to the locking bar.

   The screw-in depth of the *connecting bolt* determines the distance of movement and thereby the release characteristic of the mag release.

   In most cases the connecting bolt is tightened until 1 to 2 threads protrude from the locking bar.

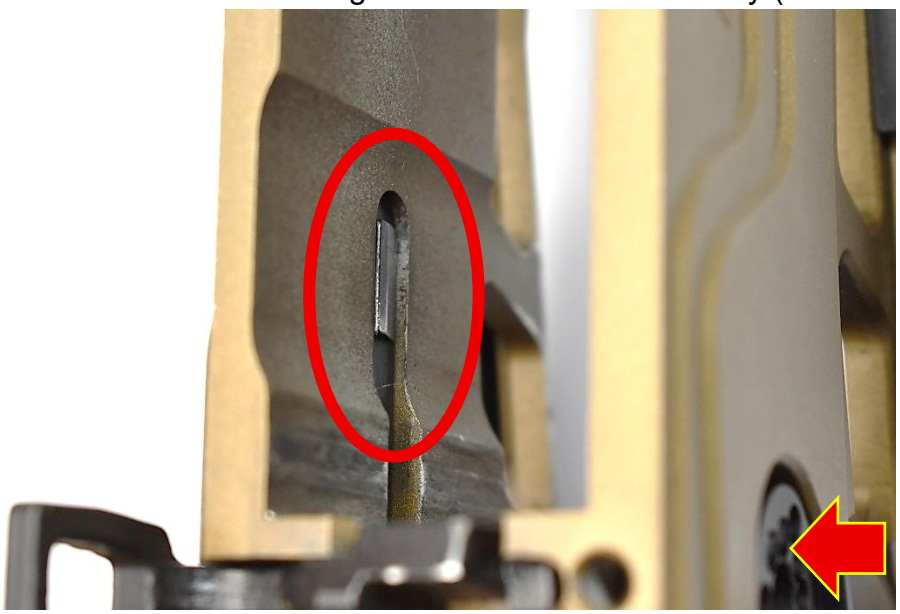


The side faces of the *connecting bolt* must be parallel to the side faces of the corresponding opening in the lower to enable the mounting of the *release button*.



3. Place the *release button* on the *connecting bolt* and check the position of the retaining nose of the locking bar as well as the lock-up and release of the magazine:

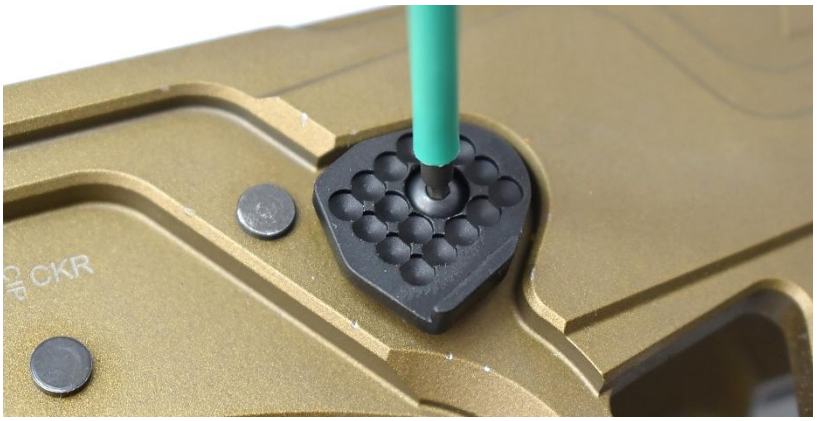
   ➔ The retaining nose of the locking bar shall not protrude into the mag well of the lower to allow for the magazine to be released cleanly (see below pic.).



   ➔ In addition, test the lock-up and release with an empty magazine.

If required, adjust the position of the locking bar by tightening or releasing the *connecting bolt* in ½ turn increments (use the side faces for reference).

Finally fix the *release button* to the *connecting bolt* using one of the provided mounting bolts (alternatively black or stainless for improved corrosion resistance) with a 2mm Allen head key.



Testing has shown that the use of a thread locker is not required and it is not recommended for easy removal for maintenance purposes.

Avoid overtightening the *mounting bolt!* This may cause damage to the components.

4. Re-assemble the gun as per the original instruction manual.

NOTES ON INSTALLATION, MAINTENANCE AND COATING / SURFACES

INSTALLATION (applicable also for maintenance)

The spring of the mag release is under tension – release carefully after unscrewing the *connecting bolt*.

Avoid overtightening the *mounting bolt*! This may cause damage to the components.

MAINTENACE

During maintenance it is sufficient to wipe all components clean and lightly oil the *connecting bolt* before re-installation. Due to the coating and surface treatment, it is neither necessary nor recommended to use aggressive solvents or abrasive tools for cleaning!

COATING / SURFACES

The coating is applied electrochemically.
Where the Aluminium parts are suspended during processing they may show minute, bare spots where contact has taken place. These have no impact on the durability and resilience of the coating.

While the *connecting bolt* has a corrosion resistant coating it is not made from stainless steel. Therefore, it is recommended to apply a light oil film following cleaning or exposure to a wet environment to maximise corrosion protection.
The same applies to the black *mounting bolt* – alternatively use the stainless *mounting bolt* provided.

Coatings and surfaces are subject to wear especially in exposed areas (edges, guiding surfaces, etc.).
Process related spots as well as installation or usage related wear are not considered a defect.

In case of questions please contact us at:

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