

Magazine Extension PCC +4 (PN 04.114) for

o Glock Magazine 9x19, original

Thank you for choosing a high-quality TECTAL product!

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

- ✓ Additional magazine capacity of min. 4 rounds (9x19):
 - Magazine long (4422-02) 37 rounds instead of 33 rounds
 - Magazine short (1587-01) 23 rounds instead of 17 rounds*
- ✓ With the permissible 32 rounds loaded in a long magazine at the start for IPSC - PCC the magazine extension offers additional space for easier compression of the magazine spring when loading against a closed bolt
- ✓ Increased weight aids in dropping the magazine quickly and safely from the magazine well
- ✓ Robust execution made from high strength Aluminium with additional grooves to improve the grip during magazine handling
- ✓ Last round bolt hold open functionality is maintained with the long magazine (4422-02) while retaining the original magazine spring**




Scope of Supply:

- 1 pc. *TECTAL Magazine Extension PCC, PN 04.114*
- 2 pcs. *retaining screws*

** Short magazines fitting flush in a pistol grip (e.g. 17 round magazine in a Glock 17 or 34) will not lock into a pistol grip after mounting the magazine extension PCC due to its design which is strengthened and optimized for PCC use!*

*** For PCC dependant on bolt travel, bolt velocity, bolt hold open system and magazine spring condition*

INSTALLATION - PREPARATION

1. All disassembly and installation steps are done with an empty / unloaded magazine. 
2. Remove the currently installed baseplate. With the original base plate the plastic of the magazine body immediately above the base plate must be slightly pushed in to allow the retaining tabs to disengage while simultaneously sliding the base plate off to the front.



CAUTION:

A temporary deformation shall only occur in the non-reinforced plastic at the lowest part of the magazine body. The inner sheet steel reinforcement SHALL NOT be damaged, to avoid compromising the function of the magazine!



Start of the sheet steel reinforcement – DO NOT deform above this line!

The magazine spring is under tension even when the magazine is empty. Keep hold of the baseplate during disassembly and release spring tension in a controlled manner. It is strongly recommended to wear protective glasses during the disassembly and installation process!

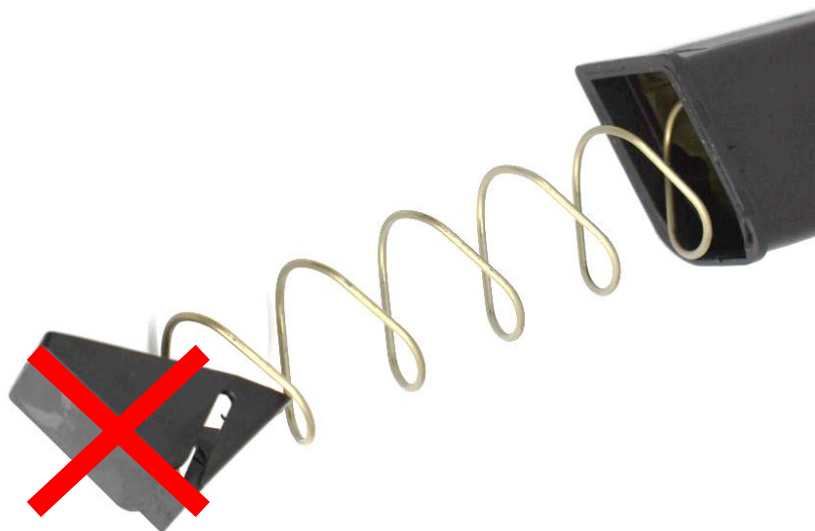


3. At this point the magazine components may be inspected and cleaned. During disassembly note the orientation of the individual parts. The lubrication of magazine parts with oil or grease is NOT recommended to avoid the adherence of contamination thus increasing the risk of malfunctions.

INSTALLATION

Required tools:

- 3mm Allen key
1. Remove the two, pre-installed *retaining screws*.
 2. Remove the plastic retaining plate / plastic shoe on the end of the magazine spring – it is not required in the following assembly.



3. Compress the magazine spring completely into the magazine body and retain there. Align the guiding ribs on the magazine body with the grooves in the *magazine extension PCC* and push it into place.

NOTE:

- Do not pinch the magazine spring between the magazine body and the *magazine extension*. The magazine spring will extend into place in the *magazine extension* during installation.
- Pushing the *magazine extension PCC* onto the magazine body may require a little force as - again - the plastic of the magazine body will have to be deformed to clear the retaining tabs until they are located in their corresponding recesses (see pic. below, partly installed).
- Avoid a skewed insertion so as to not damage the plastic of the magazine body. Consequently, observe that the guide ribs of the magazine body remain in the corresponding grooves of the *magazine extension PCC* at all times!



4. When the *magazine extension PCC* is in place thread in the *retaining screws* and tighten them. The maximum recommended tightening torque is 2Nm.



CAUTION:

For safety reasons always use both retaining screws! Especially when loaded the magazine spring is under a very high tension.



Once the installation is complete, the retaining screws can be secured with Loctite 243 (blue) or a comparable, non-permanent, medium thread locker as required to ensure bolt retention while maintaining removability.

Use of thread locker:

- ➔ *Observe the manufacturer instructions for the correct use of the thread locker!*
- ➔ *Use the thread locker sparingly (~ 2 thread turns - do not cover the whole threaded length of the screws!) to ensure that the retaining screws can be unthreaded again for maintenance!*

NOTES ON INSTALLATION, MAINTENANCE AND COATING

INSTALLATION (applicable also for maintenance)



All disassembly and installation steps are done with an empty / unloaded magazine.



Wearing safety glasses during the disassembly and installation process is strongly recommended! The magazine spring is under tension even when the magazine is empty.



A temporary deformation of the magazine body during disassembly and installation shall only occur in the non-reinforced plastic at the lowest part of the magazine body. The inner sheet steel reinforcement SHALL NOT be damaged, to avoid compromising the function of the magazine!



For safety reasons always use both *retaining screws*! Especially when loaded the magazine spring is under very high tension.



Avoid excessive tightening of the *retaining bolts*! This may cause damage to the components.

MAINTENANCE

During maintenance it is sufficient to wipe the *magazine extension PCC* clean. Due to the coating it is neither necessary nor recommended to use aggressive solvents or abrasive tools for cleaning!

COATING

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.

The coating is also subject to wear – especially in exposed areas (edges, etc.). Process related spots as well as installation or usage related wear are not considered a defect.

IMPORTANT NOTE:

The compliance with national laws regarding the maximum permissible magazine capacities is the sole responsibility of the customer!

In case of questions please contact us at:

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