

Extended Magwell for

o CZ Scorpion EVO 3

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

The *extended magwell* is 100% „Made in Austria“ and offers the following advantages:

- ✓ Faster reloads by doubling the area available for magazine placement
- ✓ Simple mounting without any modification to the gun
- ✓ Robust design made of high-strength Aluminium and stainless-steel bolts



Supplied Parts:

- 1 pc. *TECTAL Extended Magwell PN 04.123 (with optionally required 4 pcs. O-ring small, 4 pcs. O-ring large)*

Required Tools:

- Torque wrench (1 - 5Nm) with 2,5mm Allen head bit (Allen head key 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. The *extended magwell* is pre-assembled as delivered. Disassemble into the components (1x magwell, 2x retaining claws, 4x bolts). The subsequent installation can be done on the complete gun or the removed trigger housing.

INSTALLATION

1. Place the *extended magwell* onto the original magwell.
2. Then attach the two retaining claws loosely to the *extended magwell* using the provided bolts.
3. Tighten the bolts alternating between the two sides and repeatedly check the fit of the *extended magwell* and the retaining claws → please note the details on the following pages!

The maximum recommended tightening torque of the bolts depends on the actual fit of the *extended magwell* on the individual gun, see p. 3/4/5.



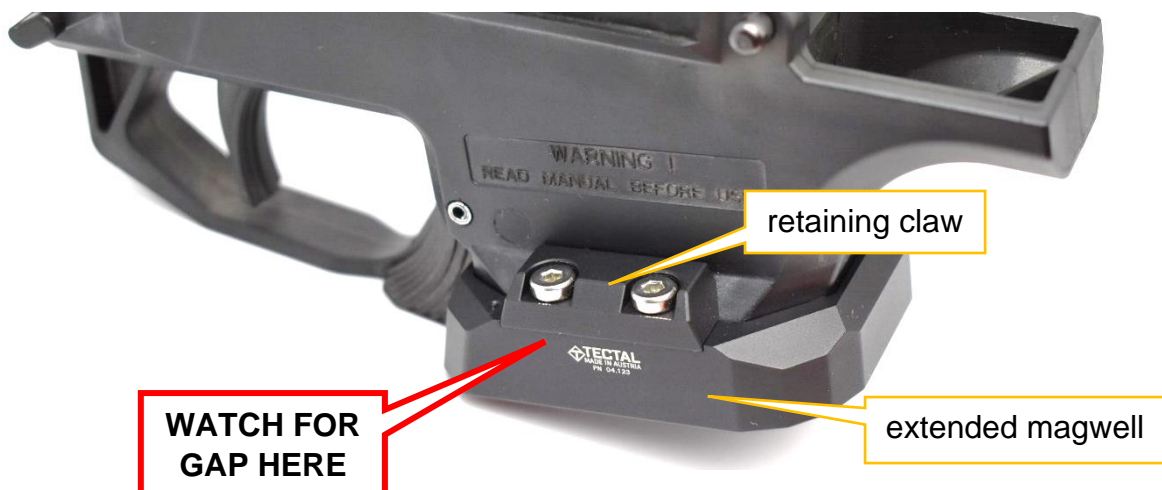
NEVER try to fix a loose fit of the *extended magwell* or to close a gap between the *extended magwell* and the retaining paws by tightening the bolts excessively. This may lead to damage to the components and/or the gun!

GOOD FIT

The *extended magwell* is designed and manufactured to a standard which – when mounted to the test guns –

- allows the retaining claws to fit into the *extended magwell* without a gap (see pic. below)
- while the *extended magwell* is retained securely and firmly on the gun.

The maximum recommended tightening torque of the bolts in this case is 2,6Nm.



... IF THE FIT OF THE *EXTENDED MAGWELL* REQUIRES SOME ADJUSTMENT because the *extended magwell* but especially the basic gun is subject to a range of manufacturing tolerances, proceed as follows with the included O-rings (*small / large*) serving as flexible shims:

- a. **Loose fit** despite the bolts having been fully tightened and the retaining claws fit without a gap into the *extended magwell*:
 - ➔ Insert the included **O-rings, small** into the INNER recesses on the top of the *extended magwell* (red arrows, pic. p.4) and repeat the mounting sequence.

The maximum recommended tightening torque of the bolts in this case is 2,6Nm.

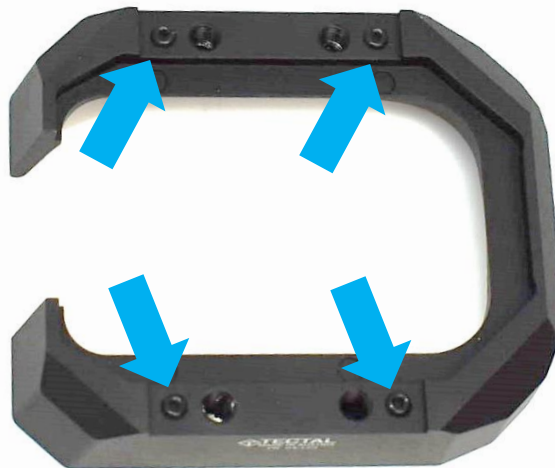


b. Firm fit, gap visible between the retaining claws and the *extended magwell* (see pic. p.3):

→ Gap smaller than 0,5mm, place the **O-rings, small** into the OUTER recesses between the *extended magwell* and the retaining claws (blue arrows, pic. below) and repeat the mounting sequence.

The gap will NOT be closed however additional support for the retaining claws is generated.

In this case limit the tightening torque to maximum 1,4Nm.



- Gap larger than 0,5mm, place the **O-rings, large** between the *extended magwell* and the retaining claws and repeat the mounting sequence. The O-rings are placed on the bolts and are retained there (green arrows, pic. below). The gap will NOT be closed however additional support for the retaining claws is generated.
- In this case limit the tightening torque to maximum 1,4Nm.**




4. Following a successful (test-) installation, the bolts can – if so required – be secured additionally with Loctite 243 (blue) or a comparable, non-permanent thread locker to ensure bolt retention while maintaining removability for maintenance
- Observe the recommend tightening torque values listed above!**


Re. the use of the thread locker:

- *Observe the manufacturer's 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 bolt!) to ensure that the retaining bolt can be unthreaded again for maintenance!*

NOTES ON INSTALLATION, MAINTENANCE, USE AND COATINGS

INSTALLATION

 **NEVER** try to fix a loose fit of the *extended magwell* or to close a gap between the *extended magwell* and the retaining paws by tightening the bolts excessively. This may lead to damage to the components and/or the gun!

 The maximum recommended tightening torque of the bolts is 2,6Nm resp. 1,4Nm (see p. 3/4/5).

MAINTENANCE

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

COATING

The coating of Aluminium parts is applied electrochemically. Where Aluminium parts are suspended or contacted during processing they may show bare spots. These have no impact on the durability and resilience of the coating.

Process related spots as well as installation or usage related wear are not considered a defect.

In case of any questions please contact us at

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