

MANUAL: IDEAL SCOPE MOUNTING SYSTEM™

Extremely sturdy one-piece QDP scope mount, with multiple Spuhr Interface™ attachment points for attaching and aligning accessories with the optics. 45-degree split rings and integrated bubble level for long-range precision shots.

Installation

The QDP series of mounts have two quick-detach levers with adjustment screws with TufLok® on the opposite side of the Mount Body. The tension of the levers is adjusted from the factory, but due to variances between different rails the tension may require re-adjustment prior to use.

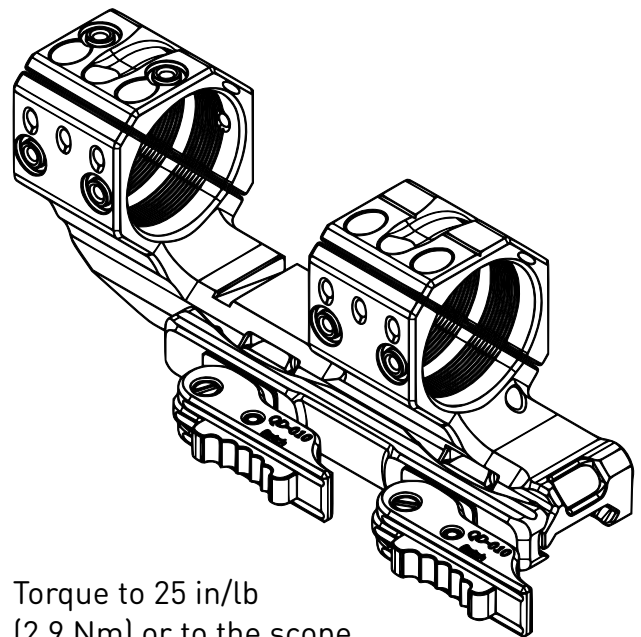
To attach the mount to a Picatinny or NATO rail for the first time follow these steps:

1. Wipe the rail clean and apply a light coat of oil to it (CLP is fine).
2. Release the levers and open them fully by depressing the locking latches and pulling on the levers.
3. Seat the mount fully on the rail and push it forward.
4. Close the levers carefully. If they close without any resistance, skip to step 8.
5. If a lever won't close, open it fully and use a T20 driver to loosen the adjustment screw two turns by screwing it counter-clockwise.
6. Close the lever fully and tighten the adjustment screw.
Note: Tighten until snug – do NOT overtighten!
7. Open the levers and repeat from step 3.
8. Grab hold of the mount and pull it to the rear. If the mount moves on the rail repeat from step 6, otherwise installation is complete.

Leveling the Scope

Seat the scope into the mount, then slide the 10-degree "wedge" indexing tool into the slot in the mount bridge underneath the flat of the scope (with the tool's flat edge down). Align the flat bottom of the scope against the "wedge" to align the reticle with the integrated level.

When satisfied, lay the top covers in position and tighten in a crossing pattern, starting with the center screws, while ensuring there is an even gap between the top cover and the mount body on both sides of the scope tube.



Torque to 25 in/lb (2.9 Nm) or to the scope manufacturer's specification, if lower.

Gripping Agents

All screws are waxed from the factory for proper torque values. Customers working in extreme conditions may want to degrease the screws and screw holes, and use Loctite 243 (Blue) instead. They may also want to use a small amount of gripping agent, such as powdered rosin, in the rings.

The insides of the rings have grooves for gluing the scope into place. Gluing is not necessary but is popular with benchrest shooters. For normal use - including most military, law enforcement, and civilian use - no gripping agents are needed.

Repeatability

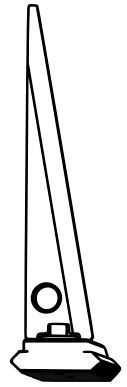
We have done our utmost to enhance the repeatability of our mounts compared to other designs on the market. For maximum repeatability on MIL-STD-1913 "Picatinny" and STANAG 4694 rails we use isolated engagement surfaces in key areas.

Accessories

Our mounts feature several Spuhr Interface™ surfaces on the mount body and top covers. The interfaces on the top covers are aligned with the scope - regardless of tilt - so that any accessories mounted to them will also be aligned with the optics. The interfaces on the mount body are aligned with the mounting surface and does not have any tilt.

We strongly recommend that lasers, illuminators, and/or secondary optics are attached to the ISMS™ for the strongest mounting position available, compared to a forend that will flex when used with rests, bipods, forward grips, or slings.

Always ensure that you are using the proper screw length before attaching accessories to the mount - if the screws are too long they will mar the scope tube. The back of the wedge tool has a screw length gauge for this purpose.



Marred scopes due to the use of excessive length screws are the responsibility of the users.

On Torque

Torque drivers are dependent on the amount of oil/grease/wax used on the screws to achieve the required torque, as friction in the thread engagement - and in the screw head and between the mount and rail - also affect torque values. Therefore, in field conditions, proper torque values can be difficult to measure.

Our recommendation is to use a torque driver during initial installation and to mark the screws (with paint or a small file) using the indexing mark engraved next to each clamping screw. Using the indexing marks, torque values can be confirmed (and the mount reinstalled on that specific rail) without a torque driver - just tighten the screws in the correct order until the index marks align.

The M4 Tx20 ring screws should be torqued to 25 in/lb (2.9 Nm,) or to the scope manufacturer's recommendation, if lower.

Materials

Mount	7055 & 7075 aluminum
Finish	Sealed hardcoat anodizing
Level	Clear plastic spirit level
Screws	M4 Tx20 steel ring screws
	M4 Tx20 steel adjustment screws

CONTACT

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