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INVENTURE
ENGINEERING & MACHINE

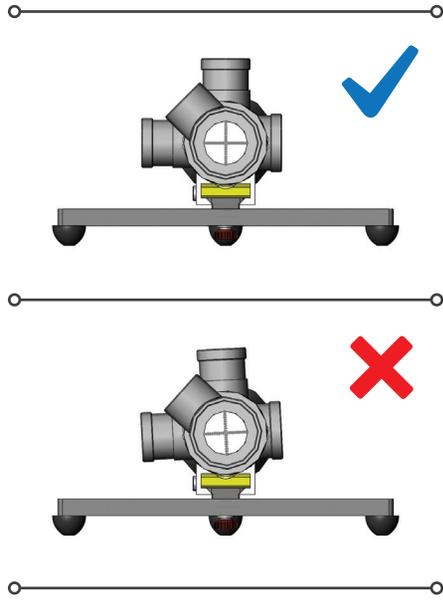
PO Box 190026
Boise, ID 83719-0026
208 863 6033
inventeng.com

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Thank you, and enjoy your new
SCOPE SETTER



Picture above depicts 3 degrees of rotational misalignment, which could result in several feet of windage error at 1,000 yards.



THE GOAL

Crosshair properly adjusted.

SCOPE SETTER

INSTRUCTIONS
FOR USE

Set it up right the first time!

Scope Setter is a bench-top tool that enables you to level your scope reticle and align the scope rings relative to true level on an actual Picatinny rail. Reticle level is extremely important for long range accuracy—especially when using ballistic drop compensating (BDC) scopes. In addition, having both scope ring bases aligned to an actual Picatinny rail is absolutely essential to repeatable installation on a firearm. Scope Setter can also be used to preset your clamp-on style scope level.



CAUTION: When handling any firearm please use safe gun handling practices. Always verify the magazine and chamber are unloaded. Consult your owner's manual for complete safety instructions on making your firearm safe for scope installation.

STEP 1

Assemble Scope Setter as shown, by loosening the thumbscrew and relocating the crossbar from below the rail to a position perpendicular to the rail. Secure the thumbscrew.

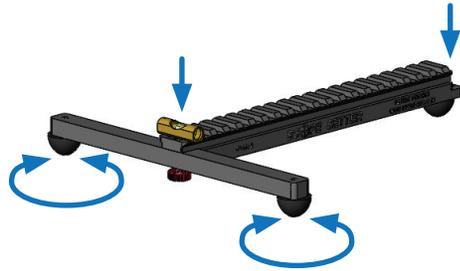


STEP 2

Verify that all three rubber feet are screwed in (clockwise viewed from the bottom) until snug—allowing the Scope Setter to sit as close to the benchtop as possible. Place the Scope Setter on a clean, flat, stable surface.

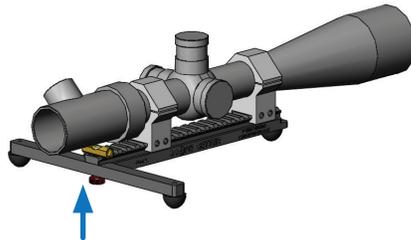
STEP 3

Place the enclosed level on either end step of the Picatinny rail (engraved “LEVEL”). The lower step is typically used with low profile scope rings. Adjust one of the two crossbar feet until the rail is level. **NOTE:** Level accuracy can be improved by rotating the level 180 degrees and readjusting to average the two readings. Repeat until satisfied the rail is level. The level may be used on any of its three flat surfaces.



STEP 4

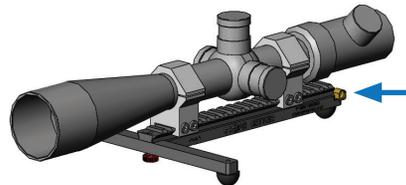
Using the actual firearm, mount the scope to establish the desired position of the rings relative to the scope and appropriate eye relief. Lightly snug the ring clamp screws. The ring clamp screws should be tight enough to maintain position on the scope tube, but loose enough to allow the scope to rotate with moderate rotational force.



Level placed near crossbar for medium or high mounts

STEP 5

Install the scope and mounts onto the Scope Setter Picatinny rail. As you tighten the rail clamp screws, both scope ring mounts will be properly aligned to each other via the rail. Position the rings so the forward side of the rail clamp bolts rest against the rail lug to provide added support for recoil stability. Recheck this later during installation on the actual firearm.



Level placed on lower step for low profile mounts

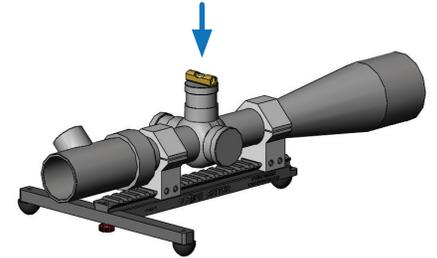
STEP 6

Verify the Scope Setter is level as in Step 3 and adjust if needed.

STEP 7

Move the level from the Scope Setter to a horizontal surface on the scope and rotate the scope until level.

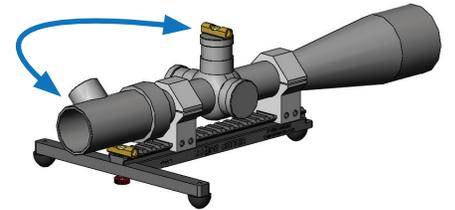
NOTE: Level accuracy can be improved by rotating the level 180 degrees and readjusting to average the two readings. Repeat until satisfied the scope is level. The level may be used on any of its three flat surfaces. If your scope does not have a flat feature to place the level, or for a double check of accuracy, without changing the level of the Scope Setter, look through the scope at: vertical or horizontal features of buildings, or a plumb bob line (vertical string with a weight at the bottom).



STEP 8

Double check by moving the level between the scope and Scope Setter until satisfied with equal readings. Evenly snug the scope ring clamp screws. Monitor scope level while tightening the scope ring clamp screws evenly per manufacturers instructions.

HINT: For added support when tightening clamp screws, Scope Setter can be clamped in a smooth jaw bench vice.



STEP 9

Once the ring clamp screws are securely tightened, repeat Steps 6 and 7 to verify the alignment and correct any issues by repeating above steps.