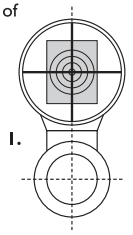
Level-Level-Level USER INSTRUCTIONS

The alignment of a rifle scope's crosshairs relative to the axis of the bore is very important, especially at long range.

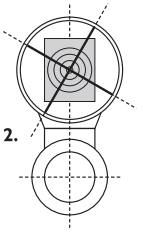
The Level-Level-Level works by aligning a scope's horizontal plane with a horizontal plane on the rifle's receiver. Manufacturing processes of scopes and rifles offer accessible horizontal platforms for alignment.

There are two respects of scope alignment:
1. Alignment of the scope to the rifle.
2. Alignment of the crosshairs as controlled by the shooter.

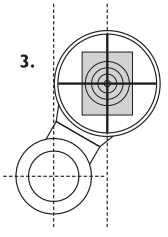
An aligned scope reticle has its vertical portion positioned so that if it were extended downward, it would pass through the center of the bore. **See Photo 1.**



If a scope is misaligned and you attempt to adjust the windage or elevation, the reticle will not track vertically or horizontally with respect to the bore. **See Photo 2.** In this instance, adjusting elevation upwards will also move the point of impact to the right. This is frustrating and wasteful during sight-in.

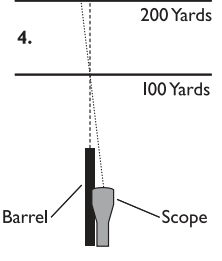


If a scope is misaligned clockwise and you hold the rifle such that the horizontal reticle is level, the rifle can only be perfectly sighted in at one distance. **See Photos 3 and 4.** In this instance where the rifle is sighted in for 100 yards, the bullet will impact left of the point of aim for any distance beyond 100 yards and right of the point of aim for any distance less than 100 yards.



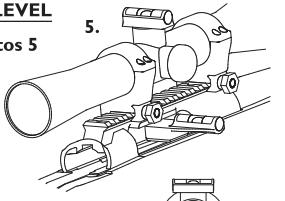
If a shooter is given a zeroed rifle with an aligned scope, but cants the rifle to the right, a shot at a range beyond the sight-in distance will strike to the right and likely low, depending on the cartridge trajectory and range.

NOTE: It is imperative that every attempt possible is made to ensure the scope crosshairs are properly maintained in horizontal and vertical alignment while shooting. Proper alignment will ensure the scope reticle tracks vertically and horizontally correctly while making adjustments for elevation and windage.

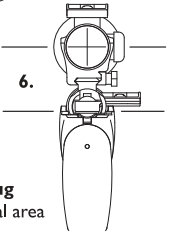


HOW TO USE THE LEVEL-LEVEL-LEVEL

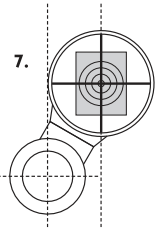
For most bolt-action rifles: See Photos 5 and 6.



1. Secure rifle in a padded vise, such as the Tipton Gun Vise. Place magnetic base of Action Level across receiver rails and maneuver rifle until bubble is centered.
2. Loosen scope rings and remove turret cover.
3. Place Scope Level across the elevation adjustment screw and rotate the scope until bubble is centered.
4. Tighten scope rings.
5. Crosshairs are now perfectly level for ultimate accuracy at any distance.



Bolt-action rifles with small receivers, or three-lug systems like the Cooper: Locate another horizontal area to attach the Action Level. The Cooper offers an area immediately behind the rear receiver bridge. (You can use the scope bases although they are not necessarily as accurate as the raceway rails.) AR15 style rifles - On flattops the scope base is machined as part of the receiver; so use it as a platform. The magnetic base of the level does not adhere to the aluminum, but it can be held in place with finger pressure or a rubber band. Carry handle versions offer no surfaces on the upper receiver. The bottom surface that meets with the lower receiver is machined. Position the level crossways on the underside of the receiver using imaginative attachment procedures, such as rubber bands or finger pressure.



Lever-action rifles with offset scopes, M1, and M1A: M1 and M1A's have flats behind the rear sight. The level can be attached across the top edges of the receiver on the Winchester M94. Other applications may require imaginative treatment. **See Photo 7.**

Autoloading and pump rifles and slug-shooting shotguns with flat sides: These firearms seldom have a horizontal plane available for attachment of the level. Since the vertical side of the Action Level is calibrated as well, it can be placed on the flat vertical side of the receiver to level the rifle and/or shotgun.

Troubleshooting: If you have been shooting for any length of time with unlevel crosshairs before using the Level-Level-Level, you may find it disconcerting when you shoulder your firearm and the crosshairs appear skewed. This is normal. You may have been consciously or unconsciously canting your rifle to align the crosshairs horizontally. The Level-Level-Level works and if used correctly, can be trusted to align your crosshairs perfectly. You may have to unlearn your bad habits to get used to shooting a scope with level crosshairs.

Level - Level - Level

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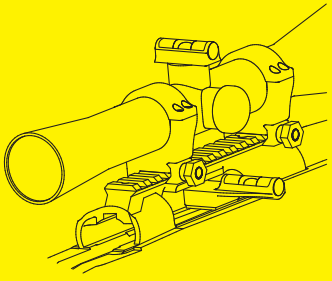
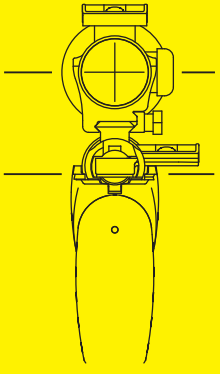
Detailed Instructions Inside



- Secure rifle in padded vise, such as the Tipton Gun Vise. Place magnetic base of Action Level across receiver rails and maneuver rifle until bubble is centered.



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- Place Scope Level across the elevation adjustment screw and rotate scope until bubble is centered.
- Tighten scope rings.
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PATENT PENDING

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Level - Level - Level

Level Rifle + Level Scope = Level Crosshairs

Crosshair Leveling Kit

- The simplest, most accurate scope leveling system ever designed.
- Levels your scope to your receiver, not the top of your scope base.
- Saves you time & money.

PATENT PENDING

Accurate Rifles Require Level Crosshairs

Scope Level

Action Level