KNS AKM Precision Rear Sight
Installation/Use Instructions

Safety Notes

-Always obey the four laws of gun handling:
-Treat every gun as if it were loaded
-Do not point the muzzle at anything you are not willing to destroy
-Always be sure of your target and what is beyond it
-Keep your finger off the trigger until ready to fire
-Ensure the firearm is unloaded before installation
-Always wear eye protection while performing maintenance on the firearm
-Always use eye and ear protection during live fire

The KNS Precision Rear Sight was designed to be installed by the user with a minimum of common tools, these instructions are intended to guide the user through the process.

Tools required:

Medium to large flat-bladed screwdriver

1.5mm Hex key

Bench vise with non-marring soft jaws

Begin by ensuring the firearms is unloaded and safe, then clamp around the front trunnion in the bench vise.

To remove the factory sight assembly, use a flat bladed screw driver to apply downward and rearward force to the front of the sight body. Significant pressure may be required to overcome the leaf spring, so be careful not to let the screwdriver slip suddenly when the rear sight is released from the sight base.

The rear sight will move down slightly, then slide out to the rear of the weapon. Retain rear sight assembly for future use.

Installation is essentially the same as removal except the screw driver will be used to compress the leaf spring as the KNS rear sight is snapped into the rear sight base.

Use the flat bladed screw driver at the forward tip of the leaf spring to depress the spring enough to allow the rear sight to slide forward and down into the rear sight base. Apply steady forward pressure to the back of the sight assembly while compressing the spring. This may take several tries as the spring is very strong.

Once the rear sight assembly is fully installed and seated, it should look like this:

The 1.5mm hex wrench is used to set the elevation zero point without having to consume any of the available travel of the adjustment wheel. This set screw is adjusted by using the hex key only - the elevation adjustment wheel is unaffected.

Turning the set screw clockwise moves the point of impact UP

Turning the set screw counter clockwise moves the point of impact DOWN

Once this set screw is adjusted correctly, the entire range of the adjustment wheel is available for on-the fly adjustment in the field without using up any of it's travel just to get the weapon sighted in.

To adjust point of impact, simply turn the elevation and windage knobs as indicated by the markings.

Windage:

Turning the knob clockwise moves the point of impact LEFT

Turning the knob counter clockwise moves the point of impact RIGHT

Elevation:

Turning the knob clockwise moves the point of impact DOWN

Turning the knob counter clockwise moves the point of impact UP

Both elevation and windage adjustments have a finite range of movement and will stop moving once these limits are reached. Do not attempt to force additional movement as damage may occur.

Remember - the front sight post has the ability to be adjusted in both windage and elevation. On guns with severely out of alignment sighting systems - it may be necessary to adjust the factory front sight if additional adjustment is needed.

The Precision Rear Sight kit contains multiple diopter sizes so that a proper sight picture can be obtained across a wide variety of sight radii and front sight post size/ style. Simply interchange the diopter until the desired sight picture is achieved. Diopters are equipped with an o-ring to prevent backing out during firing/vibration.