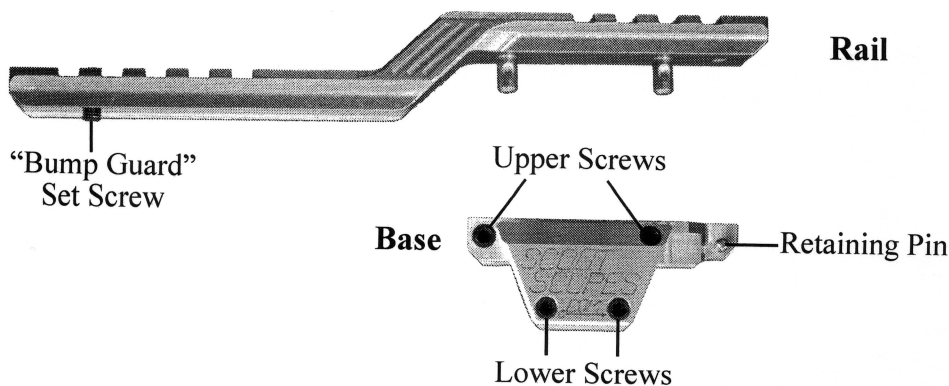
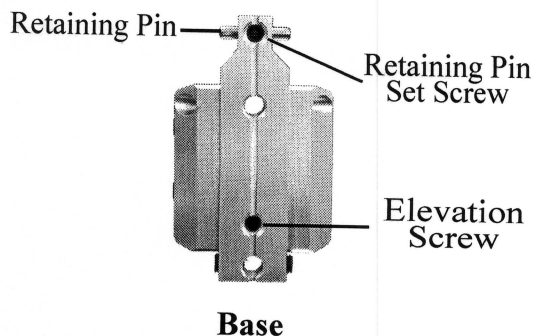


Installation Instructions For AK Dropped Rail

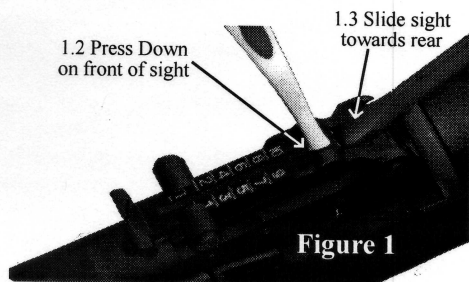
Warning: Make sure the firearm is completely unloaded before beginning the installation. Pull the bolt back to the locked position, and inspect the magazine and chamber to be sure they are empty.



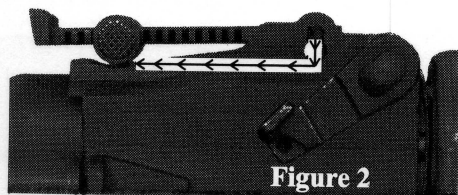
Thank you for purchasing a "Made-In-The-U.S.A." product. Every effort is made to make this mount last a lifetime. Any comments good or bad; or problems encountered are of great value to us and are truly appreciated. Direct them to the comment section @scoutscopes.com. This mount is only attached to the front trunion or gas block of the AK. It is considered free floating because it doesn't touch the dust cover, receiver, hand grips, gas tube or any other part of the rifle giving the shooter an increased accuracy over other mounts. The base, once mounted will stay on the gas block. Your rifle can be completely disassembled for maintenance/cleaning and put back together with no loss of zero. Since the scope stays mounted on the rail, other styles of rails are available and are interchangeable to mount other optics on for other purposes. No gunsmithing. No permanent alterations. You can return the rifle to its original configuration. It should take approximately 20 minutes to 1 hour to mount the base and get it adjusted so that you are range ready. Please send us a picture of your rig to post on our customer gallery @scoutscopes.com. Enjoy your new AK!

Step 1 – Remove the existing rear sight.

- 1.1 Secure the rifle in a gun vise.
- 1.2 Firmly press down on the front of the rear sight with a small non scratching tool (see figure 1).
- 1.3 With sight fully depressed, push sight towards the rear and out of the gas block.
- 1.4 Leave the leaf spring in place.



Note: A side view of the path the AK sight must travel to be removed (see figure 2).



Step 2-Separate the rail from the base.

Your Scoutscopes mount consists of two main parts:

1. The dropped rail- referred to as "Rail".
2. The rail base-referred to as "Base"

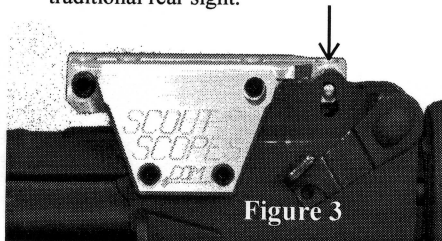
On both the left and right side of the base there are four screws. The two lower screws secure the base to the rifle's gas block. The two upper screws secure the rail to the base.

- 2.1 Loosen the 2 upper screws on one side of base.
- 2.2 Loosen the 2 upper screws on the other side of base.
- 2.3 With the 4 upper screws fully disengaged lightly lift upward on the rail.

Note: Due to the extremely tight tolerances of the scoutscopes mount, you must lift the rail straight up. If the rail is tilted or canted in any way, it will not separate from the base. Do not use force to separate the two pieces. If you are unable to separate the rail from the base, check that the four upper (oval point) screws have been backed out enough to disengage the pins on the rail.

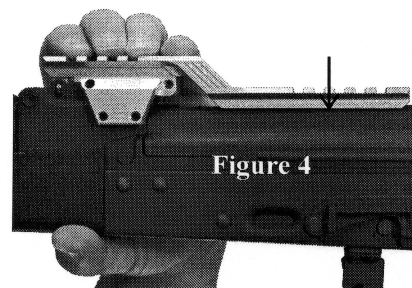
Step 3 – Install the base onto gas block.

- 3.1 Loosen the 4 lower screws so that they don't interfere with placing the base over the gas block.
- 3.2 Remove the retaining pin screw and remove the retaining pin.
- 3.3 Place the base on the gas block, with the front of the base above the leaf spring (see figure 3).
- 3.4 Push down on the base while aligning the retaining pin hole in base with the holes on each side of the gas block.
- 3.5 With the holes aligned, insert the retaining pin. Make sure the notch in the pin is facing up. Center notch in retaining pin in the base by eye.
- 3.6 Install retaining pin screw and tighten. If the notch in the retaining pin is not properly aligned with the screw, it will not fully engage and will interfere with using the base as a traditional rear sight.



Step 4 – Base elevation adjustment for rail clearance over dust cover.

- 4.1 "Bump guard" screw is flush with bottom of rail from the factory. Keep it in that position until step 6 to get the correct elevation adjustment on base.
 - 4.2 With the four upper screws of the base completely disengaged, place the pins of the rail into the corresponding holes in the base and lightly push the two pieces together.
- Note:** Do not force the rail into the base, when properly aligned the two pieces will easily join.
- 4.3 With one hand, grasp the receiver and the upper portion of the rail to simulate the lock-down position. Due to the wide variances in the manufacture of the AK, the adjustment is different from AK to AK. It is preset at the factory- you may have to adjust up or down from there. The optimum adjustment will put the "dropped" portion of the rail parallel to the receiver cover but not touching.
 - 4.4 Take the rail off and adjust the elevation screw in rear of base to achieve this. The elevation screw has a nylon thread locker to allow movement with an allen wrench, but will stay in place and will not vibrate loose with use.
 - 4.5 Put rail back on and hold in lock-down position. Repeat step 4.4 and 4.5 until you are satisfied with the even gap between the "dropped" portion of the rail, and the dust cover (see figure 4).



- 4.6 Take rail off and set aside for now.



Wrong

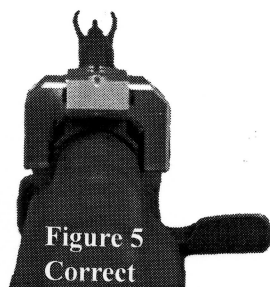


Figure 5
Correct



Wrong

Step 5 – Left to right adjustment of base with front sight and rail clearance over dust cover.

Note: These are paired together to minimize the front sight's left to right adjustment.

- 5.1 Again with one hand, grasp the receiver and the base and apply light pressure to keep the base's elevation screw in contact with the gas block. Snug the 4 lower screws to where they are all gripping the gas block, keeping the base centered by eye.
- 5.2 Assume a shooting position with the rifle so that the barrel is raised slightly from horizontal and you can look down (not through) at the aiming groove in the base in relation to the front sight. You want the whole groove in alignment with the front sight.
- 5.3 If the groove needs to be "walked" to the right, loosen the screws on the left a ¼ turn and snug screws on the right to take up the slack created.
- 5.4 If the groove needs to be "walked" to the left, loosen the screws on the right a ¼ turn and snug the screws on the left to take up the slack created.
- 5.5 Fine adjustment can be made by loosen/tighten only the front lower screws or only the back lower screws. Repeat steps 5.2 – 5.5 until you are satisfied with the alignment. **DO NOT** tighten the lower screws yet!

Note: Because the front sight is usually not mounted in the perfect 12 o'clock position, the base may have to be "walked" over a bit more to obtain clearance at the rear of the rail over the dust cover.

- 5.6 Install the rail onto the base and hold in place with one hand in the lock-down position.
- 5.7 Take a look at the end of the rail where it straddles the dust cover, by eye, you want the center of the end of the rail over the center of the dust cover. This is where the final tweaking left to right of the base is performed. If it is centered to your liking, remove the dropped rail, set aside and skip 5.8 and go to 5.9 (see figure 6)

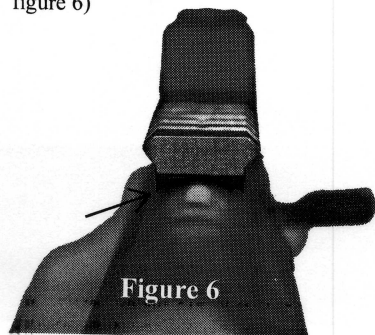


Figure 6

- 5.8 Make a mental note of which way you need to "walk" the back of the rail. Remove the rail and set aside. Loosen/tighten in small increments the lower screws the same way you did in 5.3-5.5, keeping the aiming groove in alignment with the front sight. Repeat 5.6-5.8 until you are satisfied that it's straight and centered as possible.
- 5.9 At this point your rail is set aside and your base is where you want it – lower screws are snug but not tight. It is a good idea to use a removable thread locker on the lower screws to keep them from vibrating loose. A good one to use is loctite 242 thread-locker, medium strength/removable/ blue. If you don't, skip ahead to 5.10. If you do, remove one lower screw, coat it with thread locker and re-install. Repeat for the remaining lower screws, keeping alignment in place.
- 5.10 Tighten opposite lower screws in equal small increments until base is secured, keeping your alignment in place. Tighten until the ears visually start to bend outward. At this point tighten screws 1/8 of a turn more. This should be a torque value of approximately 10-12in-lbs. Wheeler engineering makes a great tool called the F.A.T. Wrench (firearm accurizing torque wrench) to get this torque value easily. The base stays on your rifle and is a platform to mount optics for increased accuracy.

Note: If you tighten the lower screws too much, you will bend the scope mount causing the rail pins to not fit in their holes. If this is your case, then loosen opposite lower screws in equal small increments keeping your alignment in place until the rail pins will fit in their corresponding holes.

Step 6 – "Bump Guard" adjustment to protect optic alignment if rifle is dropped or optics are bumped hard.

- 6.1 Install rail to base. At this point the upper screws are backed out enough to allow free movement of rail into base.
- 6.2 With one hand, grasp the receiver and the upper portion of the rail to simulate lock-down position. With the other hand, grasp the receiver and the "dropped" part of the rail and alternating hands, squeeze or rock the rail to where it contacts the dust cover. You will want to adjust the "bump guard" screw to have minimal (.005"- .020") travel but not touching. The closer the better. The screw has a nylon thread-locker that allows adjustment but will not vibrate loose with use (see figure 7).

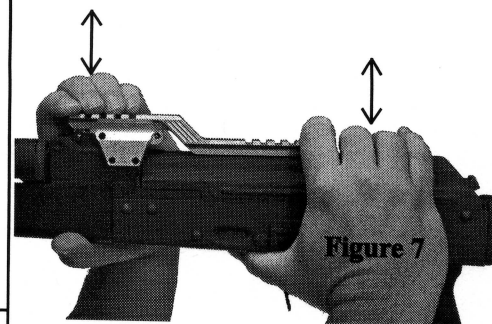


Figure 7

- 6.3 Final check of clearance, install rail to base and snug upper screws. Visually check for small gap and/or minimal rocking at rear of rail.

Step 7 – Using your Scout Scopes mount as a traditional rear sight.

- 7.1 Separate rail from base following steps 2.1-2.3
- 7.2 Sight in your AK by adjusting only the front sight. The rear sight no longer needs adjustment. Start at 25 yards to get on paper; shoot and adjust. Move to 50 yards; shoot and adjust. From there move to whatever yardage you want to dial in your "open" sights to; shoot and adjust.
- 7.3 The base may now be used as a traditional rear sight.

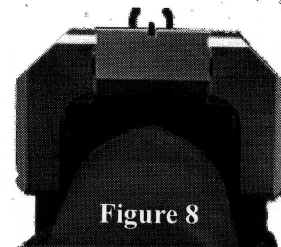


Figure 8

Step 8 – Sight in your red dot.

- 8.1 Mount rail to base. Secure rail to base by tightening both upper screws on one side of base and then tighten both upper screws on the other side of base.

Note: Do not use excessive force to tighten upper screws or damage to pins may occur. Because of their design only a small amount of pressure is needed to lock rail to base and will not vibrate loose during use.

- 8.2 Mount your red dot scope onto the rail following the scopes manufacturers' instructions.
- 8.3 Go to your favorite gun range. All adjustments from here are made with the elevation and windage turrets on the scope. Follow the scopes manufacturers' instructions for sighting in.
- 8.4 Always keep the red dot mounted to the rail. Remove the rail and red dot on it as one piece following steps 2.1-2.3. This will ensure no loss of zero when re-mounting following step 8.1