# The AK100 and AK200 Sighting Systems for the AK47 and variants

### **Frequently Asked Questions:**

### Q. Will the AK100 and AK200 series sights fit my AK rifle?

A. Tech-SIGHTS has designed the new AK sight to fit the AK47 and its variants with no permanent modifications to the rifle. We have created a compatibility chart to help in selecting the proper model for your personal firearm.

MODEL COMPATIBILITY CHART									
	AK - TYPE RIFLE MODELS								
Tech-SIGHTS MODEL No.	Yugoslavian M70	Romanian	Polish Tantal	Egypt. Maadi	Bulgarian	Hungarian	Chinese	Russian	
AK100S		Χ	Χ	Χ	Χ	Χ	Χ	Χ	
AK200S		Χ	Χ	Χ	Χ	Χ	Χ	Χ	
AK100Y	Χ								
AK200Y	Χ								

#### **Model Selection Chart**

Although we have designed our sight systems to fit the AK 47 and variants we cannot guarantee that they will fit every individual rifle. The rifles have been manufactured and assembled by many different companies and individuals. The quality of parts and assembly procedures can and have produced rifles with small dimensional variations that can affect how the Tech-SIGHTS AK series sights will integrate into the rifle. For instance; rifles that have been assembled with a twist in the receiver frame, in other words the butt stock and rear trunion is twisted slightly to the left or right from the barrel assembly, may require that the windage adjustment of the Tech-SIGHTS be moved to the right or left to compensate for this misalignment. If the misalignment is too great the sight adjustment may not be able move far enough to provide a zero of the rifle. This same condition may be experienced if the front sight tower was attached to the barrel slightly tipped to the right or left. Should your rifle be one that has been assembled with one of these conditions, you may have to return the sight for a refund. Because the sight installation does not require any permanent modifications to the rifle you can reassemble your firearm to its original condition.

### Q. Which model is right for me the AK100 or the AK200?

A. This is a matter of preference. The advantages of each are as follows:

AK100S and AK100Y.......Windage adjustable with detent locking.

Dual flip aperture - one for short distance (100 yards)

and one for long distances (200 yards).

The front sight post of the AK47 must be adjusted for elevation.

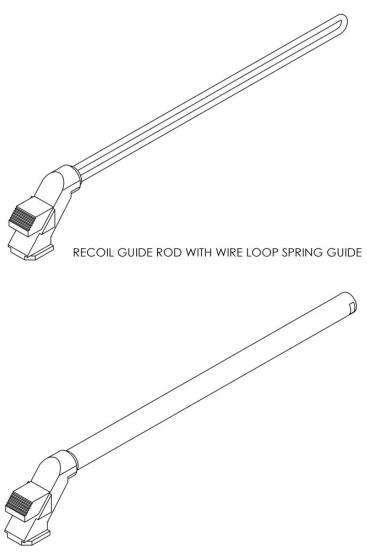
AK200S and AK200Y......Windage adjustable with detent locking.

Single aperture that is elevation adjustable at the rear sight.

### Q. Will I need additional parts to install my AK Series sights?

A. The AK rifles were built with two different type Recoil Spring Assemblies as illustrated in Figure 1. One uses a wire loop type guide for the recoil spring to slide on and the other a telescoping tube spring guide to guide the recoil spring. If your AK rifle uses the wire loop spring guide you can just replace the rear portions of the recoil assembly with the Tech-SIGHTS AK Series Sight Assembly and you are good to go.

If your rifle uses the telescoping tube spring guide, you will have to add the moveable guide rod (TS00209) and retaining collar (TS00208) designed for the wire loop type guide system as shown in Figure 2. Tech-SIGHTS has these part available and are also available at many other AK47 parts suppliers.



RECOIL GUIDE ROD WITH TELESCOPING TUBE SPRING GUIDE

Figure 1.

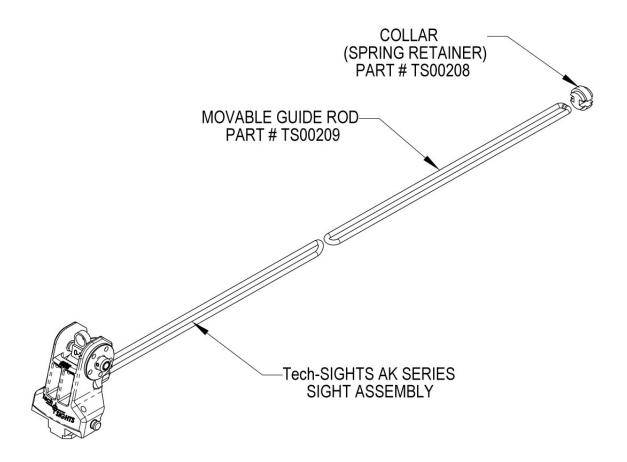


Figure 2.

## Q. Do I have to remove the Tech-SIGHTS AK100 or AK200 for cleaning the rifle and if I do will I lose my zero upon reassembling the rifle?

A. This is a very important question. Yes you will have to remove the sight to do a full cleaning of the rifle. As always it is very important to make sure the rifle is unloaded by removing the magazine and checking to make sure the chamber is empty of ammunition before proceeding. Our AK100 and AK200 sights are designed to return to zero after being removed from the rifle. The sights were also designed to be disassembled with the use of a FMJ bullet tip making field maintenance easy and uncomplicated.

### Q. How can the sight return to zero after being dissembled if a bullet tip is all that it takes to remove it from the rifle?

A. This is another good question and allows the opportunity to point out the unique design of the AK series sighting system that we have developed. The design of our AK sights is simple and yet profound at the same time. Our sight mounts in the tee slot found in the rear trunion of the AK receiver. This tee slot is made of machined surfaces cut into the trunion and is therefore a very stable feature on the receiver of the rifle. Our sight base has a matching tee shaped base that allows it to slip into this tee slot at the rear of the AK receiver. The tee slots in the rear trunion vary from manufacturer to manufacturer. We have designed our tee shaped base on the sight with a threaded hole that allows for an adjusting screw ensuring the best fit possible. Because we have integrated our sight into the rear of the recoil assembly the full force of the recoil spring continually ensures the sight base is seated into the rear trunion making for a solid and repeatable seat for the sight base. See Figures 3 & 4.



Figure 3.

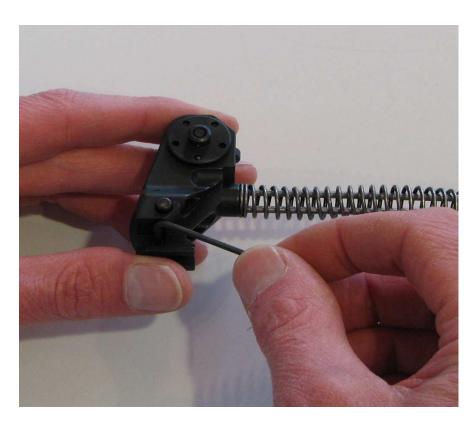


Figure 4.

### Q. What if I drop my rifle? Is the sight durable enough to hold position?

A. That is a tough question. We have drop tested the rifle and it does hold zero. The machined surfaces of the trunion and the sight base along with the consistent pressure of the recoil spring do their job to keep the sight in a repeatable position. The all steel construction and patent pending design of the Tech-SIGHTS AK series sights live up to the tactical job they were designed for.

### Q. Will your sight and cover fit on an AK with a milled receiver?

A. Yes, the sight will fit but may require some filing as the trunions on the milled receiver tend to be a little tighter.

### Q. Will your sights fit my Saiga 223/7.62 x 39?

A. The Saiga 223 /7.62 x 39 uses interchangeable recoil assembly and cover with the AKs. So the AK100S and the AK200S will work.

#### Q. Do I have to modify my rifle?

A. No permanent modifications are needed.

### Q. Will my old cover work?

A. No, it won't work. A new cover is supplied with the sight.



AK100S AK100Y