

**REMEMBER:**

Before installing or adjusting your sights, unload and/or check to ensure the firearm is unloaded.

**AK Front Sight Installation Instructions**

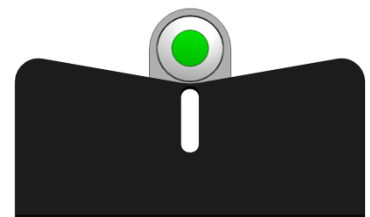
1. Remove magazine and ensure weapon is unloaded.
2. Using an AK front sight tool, remove the original front sight from its windage drum.
3. Press or drive original windage drum from the front sight tower using the sight adjustment tool and/or a brass punch.
4. On the XS sight, loosen the screw and remove the front sight from the drum.
5. On the XS windage drum, notice that one side has a line parallel to the threaded hole for the sight, while the other side holds the elevation lock screw. Using the lock screw side as the lead, test each side of the front sight tower and pick the side with a looser fit.
6. Press or drive on the lined side of the drum until it's centered in the tower; keep the line vertical.
7. Thread the XS sight back into the drum. It should thread easily. If it does not thread easily, stop. DO NOT insert anything into the threaded hole in the drum as this will damage the threads. Take care not to cross thread the sight, do not force the sight into the threads. If needed, remove the drum and re-install so the sight can be easily screwed into the drum.
8. Screw the front sight into the drum until the top of the sight is 1/8<sup>th</sup> inch below the top of the protective wings of the sight tower.
9. Tighten the elevation lock screw. Begin the zeroing process at this setting.
10. If the windage drum is not as tight as the original, apply a small amount of the supplied thread locking compound on both sides of the tower where the windage drum protrudes.



**Stripe w/ AK Rear**  
POI = Top of Stripe



**Dot w/ AK Rear**  
POI @25yds = Top Half of White Dot  
PO @50vds = Top of White Dot



**Dot w/ Express Rear**  
POI @25yds = Top Half of White Dot  
PO @50yds = Top of White Dot



### AK Express Rear Sight Installation Instructions

1. Remove magazine and ensure weapon is unloaded.
2. Fix the weapon firmly in a vise or have someone hold it tightly while you work.
3. Lift the back of the rear sight up slightly and use the tip of a fairly wide flat bladed screwdriver to apply downward pressure to the tip of the rear sight tension spring, which is visible at the front edge of the rear sight leaf where it pivots in the trunnion block.
4. Depress the spring until the 2 pivot ears of the rear sight leaf can drop down out of their slot and the sight can be pulled out of the trunnion block to the rear.
5. Install the new rear sight in the reverse order. The small depression on the front of our sight is there to help prevent the screwdriver tip from slipping out as you install the sight.
6. Adjust the elevation screw so the back end of the sight leaf is down as far as it can go in the housing. Twist the elevation screw UP, which moves the leaf down, until the leaf touches the housing. Then, turn the screw back DOWN one revolution.

### **Sight Movement Information**

All computations done for full size AK, which has a sight radius of 14.5"

	<b>Movement</b>	<b>Measurements</b>	<b>25 yards</b>	<b>50 yards</b>	<b>100 yards</b>
<i>Font Sight Elevation</i>	1 revolution	Threads 64 tpi	1"	2"	4"
<i>Rear Sight Elevation</i>	1/8 <sup>th</sup> revolution	Threads 32 tpi	1/4"	1/2"	1"
<i>Rear Sight Elevation</i>	1/4 <sup>th</sup> revolution	Threads 32 tpi	1/2"	1"	2"
<i>Rear Sight Elevation</i>	1/2 revolution	Threads 32 tpi	1"	2"	4"
<i>Rear Sight Elevation</i>	1 revolution	Threads 32 tpi	2"	4"	8"
<i>Rear Sight Windage</i>	1/2 stripe width	0.0155"	1"	2"	4"