

AK TRIGGER

WITH LIGHTNING BOW™

INSTALLATION INSTRUCTIONS

READ THIS FIRST

Firearm safety is **YOUR** responsibility. You must memorize and put into practice the 4 Rules of Firearm Safety:

1. **ASSUME EVERY WEAPON IS LOADED.**
2. **KEEP YOUR FINGER OFF THE TRIGGER UNTIL YOU ARE READY TO SHOOT.**
3. **DO NOT LET THE MUZZLE POINT AT ANYTHING YOU ARE NOT WILLING TO DESTROY.**
4. **KNOW YOUR TARGET AND WHAT IS BEYOND.**

The ALG AK Trigger (AKT) is a single stage trigger designed for the AK47 and AK74 variant platforms. The AKT features a smoother and shorter trigger pull than the stock trigger and is ideal for combat and home defense use. It is machined from triple alloy steel and has a corrosion resistant Manganese Phosphate finish.

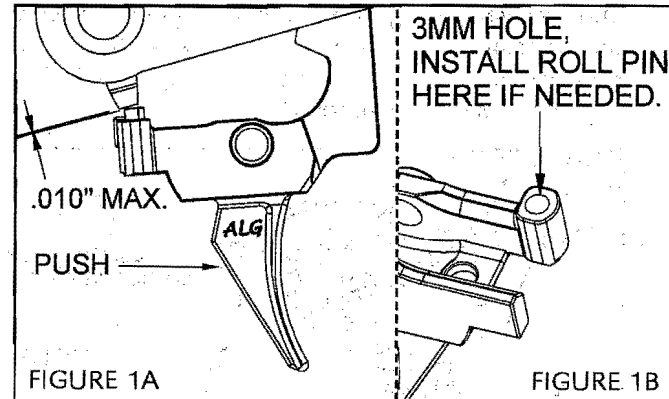
The AKT features the Lightning Bow, which produces a very comfortable feel to the user over the stock trigger, while enhancing trigger control. For OEMs and builders, the AKT lends three parts towards 922(r) Compliance.

The AKT will lighten the trigger pull relative to a stock trigger, which will make the firearm easier to discharge. You must recognize and accept this fact before installing this trigger. If you do not want a lighter than stock trigger pull or are not willing to accept responsibility for the safety of your firearm, yourself, and those around you, do not install this trigger.

ALG Defense recommends installation by a certified gunsmith only.

INSTALLATION INSTRUCTIONS

1. Unload rifle and make safe.
2. Remove the safety selector.
3. Remove existing trigger and clean receiver.
4. **SAFETY FITTING:** Pre-install the trigger without the disconnecter into rifle. Align trigger pin hole with receiver pin hole. Insert trigger pin into the receiver through the trigger and continue to push out through the other side of the receiver. Check that the trigger rotates freely on the trigger pin and does not interfere with the disconnecter stop rivet or the cut out on the bottom of receiver.
5. Due to the different models and platforms of AKs, the travel of the trigger to the safety stop varies greatly. No more than .010" clearance should be measured between the trigger and safety with the safety selector in the safe position (See **FIGURE 1A**).



- a. Your new trigger might require the installation of a roll pin, which is included along with a spare pin, to be used as the safety stop. The purpose of this installed pin is to minimize any excessive space between the trigger and safety, which could result in the gun firing in the SAFE position. This pin can be shortened to adjust the stop for trigger rotation.
 - b. After your trigger is pre-installed, you **MUST** check the function of the safety. In order to do this, you will have to push the back of the trigger forward, towards the muzzle end, until it stops against the floor of the receiver. While pushing the trigger forward, put the safety selector into the SAFE position and check the clearance (See **FIGURE 1A**).
 - c. If there is greater than .010" clearance, the trigger should be removed and a roll pin installed. The pin is installed into the 3mm hole located on top of the leg. The pin can be tapped with a hammer or pressed in until it stops. The pin can then be filed or sanded down to obtain the proper clearance height needed for the safety to function properly (See **FIGURE 1B**). ALG Defense recommends the McMaster-Carr file (PN: 4225A32 or equivalent).
 - d. After proper clearance is obtained, remove the safety selector and trigger from the rifle.
6. **TRIGGER INSTALLATION:** Place a drop of lubricant in the trigger bores. Install disconnecter spring into disconnecter. Then install disconnecter into trigger, aligning spring with the recessed pocket. Reinstall trigger and disconnecter into the rifle. Align trigger pin hole with receiver pin hole. Insert trigger pin into the receiver, through the trigger and disconnecter and continue to push out through the other side of the receiver.

