

Echo AK Trigger Additional Fitment Help

The Echo AK trigger and included parts are designed to fit and work with as many firearms in the AK family as possible. With this we have accounted for different receiver thicknesses as well as differences in rail height from firearm to firearm. You may come across situations where your carrier may seem to “drag” or have some issue where the Mode Selector Plate has “wobble”/ “feels Loose”. With platforms like the “AK Pattern” we try to account for the extremes of the firearms available. Below you will find helpful information on what fitment issues can occur due to variations in the platform and how to correct them. It is very important to know that we have found substantial differences between models of “AK Pattern” rifles, and from firearm to firearm within the same model. No disassembly of the trigger pack is required for any of the instances below and is strongly discouraged.

Mode Selector Plate:

Issue	Cause	Solution
"The Mode Selector Plate feels loose after screws are fully seated and tight."	Trigger Pins are longer than needed for receiver overall width.	Carefully shorten trigger pin to fit flush with the face of the screw hole pockets in the Mode Selector Plate. The trigger pins are threaded deeper to accommodate this in almost all cases. However, there could potentially be a situation where screws need to be shortened slightly.
"Unable to seat plate flat against receiver due to interference with rivets on receiver."	Rivets are proud or sit higher than accommodated by the Mode Selector Plate.	Carefully relieve areas on back of the Mode Selector Plate that are interfering with rivet head.
"Unable to seat plate flat against receiver due to interference with original selector on rifle."	The original selector stop on the firearm is a "long style" selector stop that interferes with the front face of the Mode Selector Plate.	Carefully relieve the front face of the Mode Selector Plate to allow plate to sit flat against receiver. Alternatively, the original selector stop can be removed in order to allow the plate to seat flat against the receiver. However, we always try to refrain for permanent modifications to the firearm and advise working on the plate itself.

Mode Selector Lever:

Issue	Cause	Solution
"Selector Lever feels loose or doesn't feel like it has a positive detent."	Selector Lever screw is not tight enough.	Ensure that Selector Lever Screw is tightened fully.
"	Selector Lever Spacer is not properly "keyed" or aligned in the pocket of the selector lever.	Take Selector Lever off and ensure the Selector lever spacer is fully seated and "keyed" into the pocket of the selector lever.
"	Selector Lever Spacer is not properly "keyed" or aligned with the slot in the safety bar.	Take Selector Lever off and ensure the Selector lever spacer is fully seated and "keyed" into the slot on the safety bar.
"	Selector Lever Spacer Is too long.	If everything is tightened and keyed properly and the issue persists file down the end of the Selector lever Spacer that "keys" into the safety bar. Maintain the length of the "tooth" when measured against the flat at the base of the tooth.
"Selector Lever feels too tight"	Selector Lever is too close to Mode Selector Plate.	Back the selector lever screw slightly. If this solved the issue the screw may have been over-tightened. If the Selector Lever Screw needs to be back out substantially, a spacer may need to be added between the Selector Lever and the Selector Lever Spacer.

Carrier Drag and difficulties cycling action:

It is important to realize/know that with the AK platform the carrier rides on the hammer as it travels backward and forward. Resetting the hammer or catching the hammer on the disconnects does not remove the hammer from contact with the carrier as it does on many other platforms. Our trigger lock lever follows this same mode of operation. The carrier rides on it, thus depressing the trigger lock lever down while the bolt is out of battery. This constant contact during the travel allows the trigger lock lever to perform its function as intended. There will be signs of metal on metal contact on the hammer and trigger lock lever. However, the hammer and trigger lock lever should not impede carrier movement any more than a standard style hammer would. Due to this constant contact we advise placing a small amount of lubricant on the hammer face and on the top of the trigger lock lever. This should help the carrier and trigger "break-in" together. Below you will find a diagram aid in smooth operation if heavy wear signs are present.

Issue	Cause	Solution
Heavy wear marks on hammer.	Hammer has too much contact with the carrier.	Polish the hammer face to reduce surface contact. Take this step little by little. Focusing on the top half of the hammer. Be very careful not to hit sear engagement surfaces.
Heavy wear marks on the Trigger Lock Lever.	Trigger Lock Lever has too much contact with the carrier.	Polish the top of the Trigger Lock Lever to reduce surface contact. Take this step little by little. Be careful not to take this too far. Work the top until carrier is moving freely and no further.
Carrier having trouble coming up and over Trigger Lock Lever / Stopping at the front of the Trigger lock lever.	Trigger Lock Lever has too abrupt of contact with the carrier.	Slightly reprofile the front of the trigger Lock Lever focusing on the top corner of the leading edge. Take this little by little this need to engage as soon as possible to ensure proper function of the Trigger Lock Lever. Work this until the carrier smoothly depresses Trigger Lock Lever and no further.

We have found that many firearms in our testing had a chamfer on the back of the carrier. These firearms generally had less instances of needed additional work for smooth operation. We also found that adding a slight chamfer to carriers that did not have them dramatically improved results when dealing with Hammer and Trigger Lock lever dragging issues without harming the firearm in any appreciable way. However, it is not necessary for proper function of the AK Echo Trigger, and we have had excellent results with multiple firearms that do not have chamfers on the back of their carriers. Chamfers on the carrier aid in the initial contact of the carrier to the Hammer and the Trigger lock Lever. All Echo AK triggers are fully tested before leaving the facility in actual firearms, and not simple testing jigs to ensure that install and operation go as easily as possible.