



**TANDEMKROSS Ruger® MKIV 22/45 Blast Shield
Installation Instructions
V1.0**

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For more info or support contact CustomerService@tandemkross.com

Attention: Before you begin, be certain that the firearm is clear and safe.

Always wear eye protection when working on firearm parts.

Tools you will need:

1/16" Allen Wrench

3/32" Allen Wrench for removing grips

1. Remove the barrel from the grip frame and then remove the grips.



2. Uncock the pistol. Place an unloaded magazine into the pistol, put the safety on fire and pull the trigger. Alternatively you can lift the magazine safety with a tool and pull the trigger.

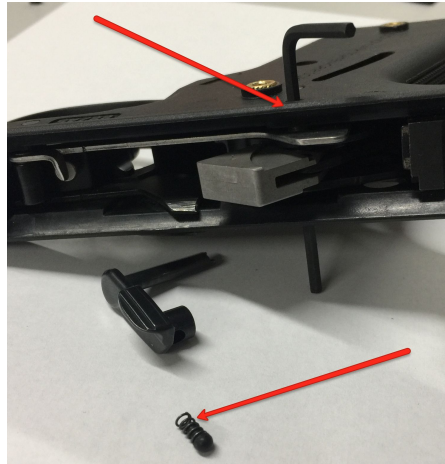
Using a 1/16" allen wrench, remove the screw from the right hand side of the safety. This screw is easily stripped so be careful. A replacement screw can be found on McMaster-Carr. Part number: 91253A097. It is a 3-56 Hex drive Flat Head Screw.



4. To facilitate an easy installation insert a small allen wrench or similar under the lower edge of the sear to keep it from rotating back when the hammer is removed.

Using a punch or similar tool, from the right side of the frame to the left side of the frame, press out factory safety lever. Take care to not lose the detent that is captured on the rear of the safety lever. Take care to not lose the spring and detent under the trigger disconnect bar.

5. Remove the magazine disconnect, spring and hammer bushing from the hammer. Install the TANDEM KROSS Blast Shield onto the hammer. Leave out the factory magazine safety and spring.



6. Install the entire hammer assembly into the pistol being sure that the sear is positioned in front of the hammer and not behind. The sear should easily be captured by the safety plate. Install the left side of the safety by re-installing the pin through the hammer assembly from left to right. Re-install the right side of the safety.



7. Your Ruger® MKIV will now be able to release the hammer without a magazine inserted into the gun when the safety is in the FIRE position. The gun will still not fire with the safety in the SAFE position. Please take time to understand this new functionality and how it changes the use of the pistol.

