



TANDEMKROSS Ruger MKIV 22/45 “Cornerstone” Thumb Ledge Safety Installation Instructions

V1.0

www.tandemkross.com

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

Ruger supplied Spacer for Removing Ambidextrous Safety

3/32 Allen Wrench for removing grips

1. Before you begin, locate your original Ruger box. In the box there is a Spacer that is included to remove the ambidextrous safety on the pistol. The “Cornerstone” utilizes this part for the installation. This is referenced on Page 23 of the original Ruger Manual. If you cannot locate this spacer, please contact TANDEMKROSS or Ruger and we can assist with locating one.



The spacer is .080” thick and has a recessed face for the tapered screw found in the safety. As a replacement an aluminum spacer from McMaster-Carr with a drilled surface can be used. Part number: 94669A029

2. Remove the barrel from the grip frame, remove the grips.

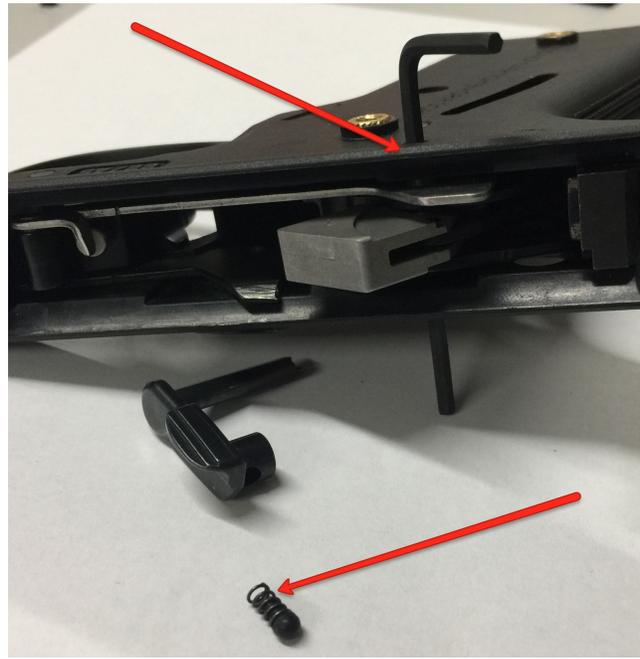


3. Uncock the pistol. Place an unloaded magazine into the pistol, put the pistol on fire and pull the trigger. Alternatively you can lift the magazine safety with a tool and pull the trigger.

Using a 1/16 sized 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. 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. Keep the punch in the frame and this will keep all the internal parts properly aligned to install the thumb ledge. Starting from the Left, line up the "Cornerstone" with the punch and slide it into the frame. Once you have the "Cornerstone" almost completely installed, reinstall the spring and detent. Put the "Cornerstone" all the way down to the "Safe" Position and insert the detent into the hole. Then align the internal safety plate with the stud on the "Cornerstone" pressing it the rest of the way into the pistol.



5. Install the Ruger factory provided spacer over the shaft on the "Cornerstone" and reinstall the factory screw into the end. This will keep the "Cornerstone" in place and allow it to properly function. Do not overtighten. The "Cornerstone" should move freely up and down with the detent clicking into place.

Re-install the grips and the barrel to the frame.

