



Attention:

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

It is recommended to wear safety glasses as some parts are under spring tension.

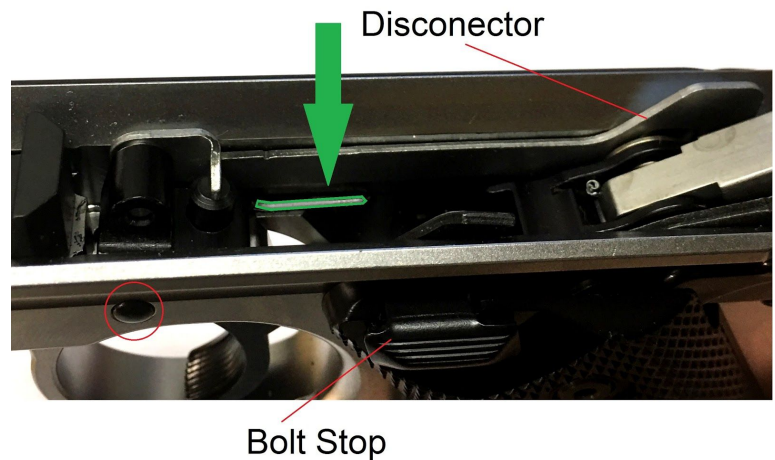
You will either need two small punches or allen wrenches in order to install this part.

Before installing the trigger into the gun, install the included 5-40 1/4" set screws into the trigger. This must be done before putting the trigger in the gun. The pre-travel set screw is easiest to install from the top with the hex opening in the set screw facing toward the face of the trigger. You will need to make sure that it is threaded almost completely into the hole to get the trigger to fit into the frame. For the post travel screw, the one with the **green tip, thread it into the bottom hole with the hex opening on the same side as face of the trigger.**



1. Follow the Ruger manual disassembly instructions to separate the upper receiver from the lower plastic grip frame.

2. Locate the Trigger Pivot Retainer (the long and thin bent wire that is outlined in **green** and has a **green** arrow pointing to it) underneath the disconnector. This part secures the Trigger Pivot Pin (**red** circle) from being pushed out by engaging a small slot on one side of the pin.



3. Using a small punch or similar tool, press down on the Trigger Pivot Retainer as close to the Trigger Pivot Pin as possible while simultaneously pushing the Trigger Pivot Pin out of the frame from either direction. Depending on the variable tolerances of your individual firearm, it may be easier to press the retainer down from between the plastic frame's sidewall and disconnector lever or between the disconnector lever and trigger.

4. With the Trigger Pivot Pin out, gently lift the entire trigger assembly upwards. You may have to wiggle the disconnecter assembly for this to happen. Be careful not to lose the trigger plunger and spring that are located at the very top-most portion of the trigger.

5. You can now slide the trigger off of the disconnecter lever (by sliding it towards the left side of the frame, or side that the Bolt Stop is on) and replace it with the TANDEM KROSS trigger. Be sure to reinstall the stock Ruger plunger and spring into the trigger plunger hole at the top of the trigger. (Put the spring in first and then place the plunger in next).

The disconnecter bar has a projection that retains the trigger plunger and spring when the trigger is rotated against it. Be careful and hold these in place as they are under spring tension.

5. Next, rotate the trigger assembly down into the pistol frame and line up the Trigger Pivot Pin hole in the trigger and frame. Push the pin back into its slot. Make sure that the notched end is on the same side (right side of frame) as the Trigger Pivot Retainer so that it can be held in place.

Make sure that there is no ammo in the chamber and that no magazine is inserted into the pistol and perform a function check of the new trigger and adjust the pre-travel and overtravel screws to your liking. We also strongly recommend the use of a medium strength thread locker sealant (*Blue Loctite*) on the trigger screw threads as they will unscrew themselves after many rounds without it. ***It is important to note you can not remove 100% of the pre-travel or overtravel as some is required for the trigger to reset properly. If your trigger is not re-setting you will need to back off the settings.***

How to adjust the trigger screws:

Pre-travel screw (the top screw): This screw eliminates the amount of trigger travel *before* the pistol fires. The easiest and most convenient way to adjust this is to use the short end of the included allen wrench and turn the screw clockwise so that it threads up through the trigger. You need to test the trigger along the way as you can over adjust the screw and make it so that the sear won't reset. If this happens, just back the screw out by turning it counterclockwise until it allows the sear to reset.

Overtravel screw (the green nylon-tipped screw): This screw eliminates the excessive rearward movement of the trigger *after* the pistol has already fired. Use your allen wrench and turn it clockwise until your trigger feels good to you and it still allows the sear to reset. If the pistol won't dry fire, back the screw out counterclockwise until it is able to.

