



## “Victory” Trigger for Ruger® PC Carbine™ Installation Instructions

V1.0

[www.tandemkross.com](http://www.tandemkross.com)

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### **Attention:**

**Before you begin, be certain that the magazine is clear and safe.** You will need a 5/32” allen wrench for removing screws in nylon stock. You may also need a thin punch.

1. Pull the bolt back, then press the metal tab in front of the trigger guard to lock it back. Pull the lever at the front end of the stock towards the front of the gun and twist the barrel off..

2. Loosen the two stock screws using a 5/32” allen wrench. One is in front of the mag well, one is behind the trigger guard. The screws are captive and do not need to be removed all the way. Just loosen enough so that the receiver can be separated from stock. Be aware that the dowel pins that hold in the trigger housing have a tendency to fall out thus this procedure is best done in a controlled environment.



3. Push the two dowel pins out of the receiver to release trigger housing using an allen wrench. Drop the trigger housing from the receiver. Release the hammer from the sear by turning off safety and pulling the trigger. Control the drop of the hammer using your other hand. Remove the main spring sub-assembly.



4. With the hammer disengaged from the sear, the hammer pin can easily be pushed out of the trigger housing. Remove the hammer.



5. Remove the trigger sub-assembly pivot pin. Remove trigger sub-assembly. The trigger return spring and plunger can stay in the trigger housing.



6. Remove 3/32" pin from trigger to release disconnecter, sear, and sear spring. Take care not to misplace sear spring. Replacement sear springs are available from Tandemkross.

7. Set the small spring into the counterbore on the top of the sear, then put the other end into the counterbore on the bottom of the disconnecter, and push them together until the disconnecter hooks onto the sear. Spring tension will hold them together.



Set them back into the trigger and replace the smallest pin. Install the slave pin through the trigger and the sear. The trigger sub-assembly is now ready to be installed in the trigger housing



8. Take the nylon tipped screw out of the hardware bag and screw it metal end first into the hole on the rear face of the trigger. This will be your overtravel adjustment screw. You can use the included allen wrench to adjust it to your liking once the install is done.



9. Hold the trigger housing so that the trigger return spring and plunger are held in by gravity as shown. Insert trigger sub-assembly into trigger housing. Align the slave pin and dowel pin through the hole in the trigger housing. Push the slave pin out with the 1/8 trigger pivot pin. Squeeze the trigger to verify smooth operation.



Note: An elongated trigger return spring is provided with the kit. This allows you to adjust trigger pull weight. If trigger pull feels too light or you are experiencing reset issues, please use the elongated spring in place of the original factory spring.

10. Insert the hammer into the trigger housing, with the slot for the mainspring strut towards the rear of the gun. Align the hammer with the through hole in the trigger housing. The hammer will be compressing the sear slightly when in the proper position. Install the hammer pin.



11. Rotate the hammer towards the front of the gun. Install the mainspring. The washer that captures the spring is inserted into the counterbore in the trigger housing. There is a window in the side of the trigger housing that allows access for fully seating spring into housing. The spring strut fits into the slot in the back of the hammer. Rotate the hammer towards the rear of the gun to compress and capture the mainspring in the trigger housing. Engage the safety so that the trigger Does not get inadvertently pulled.

