



## “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 right 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. This will allow the barrel to twist 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 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 two dowel pins out of receiver to release trigger housing using allen wrench. Drop trigger housing from receiver. Release hammer from sear by turning off safety and pulling trigger. Control the drop of hammer using other hand. Remove 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 hammer.

5. Remove 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 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 slave pin and dowel pin thru hole in trigger housing. Push out slave pin with 1/8 trigger pivot pin. Squeeze to trigger to verify smooth operation.



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



11. Rotate hammer towards the front of the gun. Install main spring. 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 hammer towards rear of the gun to compress and capture main spring in trigger housing. Turn on safety so that the trigger doesn't get inadvertently pulled.

10. This is a good time to verify that the bolt release components have remained in the trigger housing. Verify that the bolt release plate/button, bolt release pin, and bolt release spring are present and accounted as shown. If these parts have fallen out, install spring into counter bore, compress spring with bolt release button/plate, install dowel pin, release button.



12. Insert trigger housing into receiver. Align trigger housing with holes in receiver and replace two pins. Turn off safety and dry fire to verify that fire control is operating as expected.



13. Drop receiver into stock. If receiver is resisting install, re-check that trigger dowel pin are flush with receiver. Tighten stock screws with 5/32" wrench.

14. Reattach barrel.