



# "Red Spring" Replacement Recoil Spring for Ruger® PC Carbine™

V1.0 [www.tandemkross.com](http://www.tandemkross.com)

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## **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 need a small punch and a 5/32 allen wrench to install this part.**

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.



4. Remove any charging handles you may have installed, then pull the bolt by the buffer up and out of the receiver.



5. Compress recoil spring and remove retaining clip, buffer, and the spring itself. Be careful not to let any of these parts go flying. Thread "Red Spring" onto the recoil spring rod. Replace buffer and retaining clip.



6. Replace bolt in receiver.



7. Replace trigger housing. Align holes in trigger housing with holes in the receiver and replace the two dowel pins.



8. Drop the receiver into the stock. Tighten the stock screws with a 5/32" allen wrench.



9. Reattach the barrel, and the installation is done.