



## “Victory” Trigger for Keltec PMR30, CMR30, and CP33 Installation Instructions

V1.0

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### **Attention:**

**Before you begin, be certain that the magazine is removed and the chamber is clear.**

You will need a 2 - 5/64" or 2mm allen wrenches, 2.5 mm allen wrench, TK torsion spring install tool, TK mag release slave pin, pick with hook end, safety glasses .

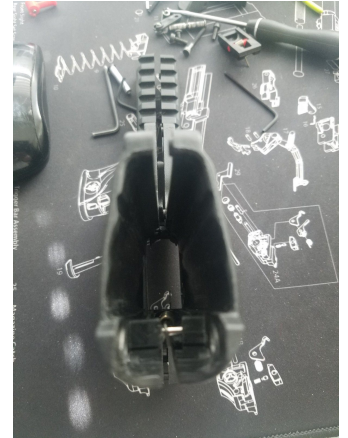
1. Charge the gun. Remove the take-down pin and remove slide.
2. With the safety off, and your thumb on the hammer, slowly drop the hammer by the pulling trigger. This releases energy from the main tension spring without damaging the frame.



3. Remove all screws from the right side of the firearm. Take note that the button head cap screws on magazine release and safety lever are longer than the rearmost screw. It will require two allen wrenches to remove the magazine release screw.



4. Push out the magazine release dowel pin using the slave pin. If the torsion spring comes loose, install it in the magazine release as shown to ease re-installation later.

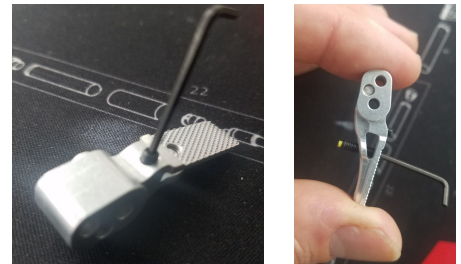


5. Put on your safety glasses. Try to keep the feed ramp attached to the left side of the firearm while opening the frame. Separate the two halves of frame. Start by splaying apart the muzzle end of the frame. Then separate the magazine well end. The mainspring is still in tension and will slide off the dowel pin at some point while separating the two halves of the lower. If the feed ramp falls out (it's no big deal), we will show you how to reinstall.

6. Raise disconnect bar to release force on torsion spring and remove stock trigger. Notice that free end of torsion spring rests behind the lower dowel pin.



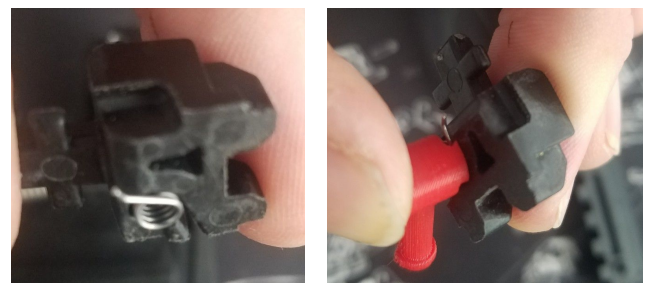
7. Install the pre-travel screw and overtravel screws. Both screws are installed with hex towards the face of the trigger.



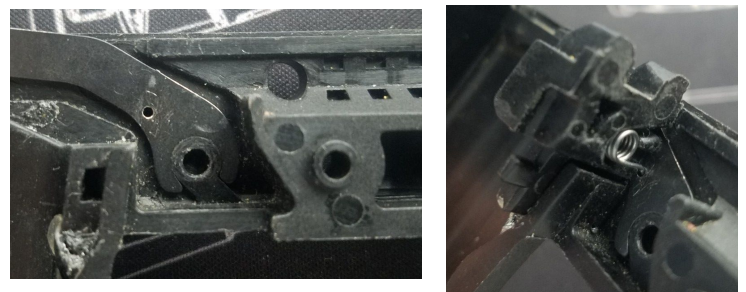
8. Verify that the straight end of the torsion spring is behind the lower pin as shown in Step 6. Place the trigger over the two pins and lower the disconnect bar towards the rear of frame (bar locks down in frame). Actuate the trigger and verify that it moves freely.



9. Install the feed ramp and torsion spring into the left side of the frame. The free end of the spring must be wound counterclockwise about 180 degrees to insert it into bolt release lever. Utilize the TK tool to aid in install.



10. Carefully assemble the two sides of the lower together. Align the mainspring pin first. Keep the left side of gun down to help keep the feed ramp from disengaging the bolt lever. Press the trigger disconnect bar down past the safety window in frame.



11. Install all of the standard socket head cap screws. Do not install the button head screws and magazine release components yet.

12. Tension the mainspring using the hook pick. Verify that the hammer is in the forward position prior to tensioning. Stretch the spring and hook it over the pin being careful not to allow it to slip and cause personal injury.



13. Align the magazine release subassembly with the dowel hole. Press the slave pin out of the assembly with dowel pin. Install the button head screw into dowel pin to secure magazine release assembly.

14. Install the short button head cap screw in the rear most hole. Install the safety lever with the final button head cap screw.



15. Install the slide. Install the takedown pin. Charge the gun and dry fire. If the trigger does not reset turn the pre-travel screw clockwise. If there is too much pre-travel turn the pre-travel screw counter clockwise. Adjust the overtravel screw so that the trigger breaks and then stops quickly to allow for a faster reset. Use blue loctite to secure the set screws when optimal performance is achieved. You have completed the installation! Enjoy your new Tandemkross Victory trigger!