



## [TK] "Fire Starter" Firing Pin Installation Instructions

V1.0

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

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### **Attention:**

**Before you begin, be certain that your pistol is clear and safe. Always wear safety glasses when working on firearms.**

***We recommend that a trained gunsmith perform the installation of the Firing Pin into the firearm to ensure proper fit and function. It is the sole responsibility of the gun owner to ensure that the parts fit and function properly.***

1. Following the takedown instructions for the Ruger® Mark III and 22/45 series pistols remove the bolt from the firearm.

2. Remove the Recoil Spring Assembly from the top of the bolt. Compressing the recoil spring assembly will assist with removal. **Caution should be taken to avoid bending or breaking the ends of the recoil guide rod.**

3. Locate the Firing Pin Stop. This is a cross pin that holds the Firing Pin in place but allows it to have freedom of movement. This will slide out easily with a simple punch.

4. Remove the factory Firing Pin. **Take care to keep the bolt upright when lifting out the factory Firing Pin. The rebound spring and rebound spring support are hidden under the Firing Pin.** The rebound spring support faces toward the front of the bolt with the spring toward the back.



*Orientation for rebound spring and support*

5. Install the “Fire Starter” Firing Pin into the bolt with the flat edge facing up and the curved edge catching the rebound spring. Re-install the Firing Pin Stop. A small amount of pressure on the back of the Firing Pin may be necessary to align the opening in the Firing Pin with the cross hole.



6. Test the function of the Firing Pin by pressing on the back end and ensuring that it moves smoothly in the cutout in the bolt. **IMPORTANT: If there is any binding or the Firing Pin does not move freely please stop, do not use the gun and contact TANDEM KROSS.**



Press and ensure smooth movement and rebound of the Firing Pin. There should be no binding.

7. Re-install the recoil spring assembly onto the bolt. Take care to align both ends onto the bolt for a proper fit.

