

Ruger 22/45 “Titan” Extended Magazine Release Installation Instructions

V1.0

www.tandemkross.com

For more info or support contact CustomerService@tandemkross.com



Attention: Before you begin, be certain that the firearm is safe.

Remove the magazine and inspect the chamber making sure that it is empty.

We recommend that if you are not comfortable with disassembly of your gun that you consult a gunsmith. This is a simple job for an experienced gunsmith but it can be challenging if you are not experienced with the inner workings on the Ruger 22/45.

Tools you will need:

- *A punch or similar tool to press down on a retaining spring and slide the trigger pin*
- *Optional but helpful: A dental pick or similar to assist with alignment of springs and parts.*

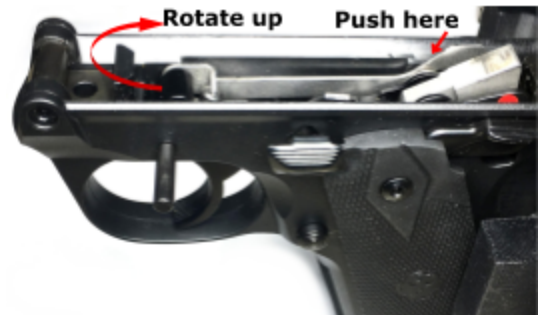
These instructions were written using the MK IV 22/45, but apply to the MK II and MK III as well. Read instructions all the way through before attempting installation.

Comes with 1 “Titan” Extended Magazine Release, 1 5-40 Screw, 1 Round Button, 1 Paddle Button, 1 spacer

1. Follow the Owner’s Manual for field stripping the 22/45.
2. Locate the trigger retaining spring and the trigger pin. These will be partially removed later.



3. Press down on the retaining spring to relieve tension on the trigger pin and slide the pin from RIGHT to LEFT. You DO NOT have to remove the pin completely, it can be used to keep the bolt stop in place and still allow access to the trigger.



4. Remove the trigger, spring and plunger. Place these in a safe place and take care not to lose the plunger or spring.

5. With a dental pick or similar tool gently lift UP on the retaining spring while pressing on the magazine release. **Be aware, the spring is under pressure.**



6. Once the retaining spring has been released from the top, the magazine release will slide out from the grip frame from RIGHT to LEFT. **Be aware that if the magazine release is not the factory release, a spring and plunger may slide out from the magazine release.**

7. Locate the spring and plunger in the magazine release. If it is a factory release button, the spring and plunger may be stuck inside. Use a dental pick or similar tool to gently remove them.

8. Install the spring and plunger inside the "Titan" Magazine Release.

9. Insert the "Titan" into the grip frame, lining up the half circle on the "Titan" with the cut-out in the opposite side of the frame.

10. *This step is for reinstalling the retainer spring if it was removed completely. The indicated end goes into a small hole in the frame below the half circle and it is captured into the notch that is in the end of the magazine release.*

11. Press the spring into the groove in the frame.

12. Re-install the trigger, spring and plunger and rotate them back into position.

13. Push the trigger pin back into the grip frame, through the trigger, from LEFT to RIGHT. Be sure that the notch on the pin is installed correctly, facing right. The retaining spring *will* block the pin from going all the way through. Using a small tool, push the retaining spring down below the trigger pin, as pictured.

14. Install the button style of your choice: round or paddle. If installing the paddle, adjust the paddle to the desired position.

If you have grip panels thicker than the factory standard, you may have to install one or more spacers.

15. Test the "Titan" with an **empty** magazine before reassembling the gun.

