FORT WAYNE TACTICAL LLC

Gen 2 Ruger LCP 5.5LB MISSION SELECT TRIGGER KIT INSTALLATION INSTRUCTIONS

WARNING: BEFORE ATTEMPTING ANY WORK ON A FIREARM, ENSURE IT IS UNLOADED! REMOVE THE MAGAZINE AND VERIFY THE CHAMBER IS CLEAR.

- ***Installation by a gunsmith is recommended.***
- ***Actual trigger weight may vary based on condition and manufacturer variation of firearm.***
- ***No liability is expressed or implied for damage or injury which may result from installation or use of this product.***
- ***You are responsible for the safe handling, legal compliance, and correct usage of your firearm.***
- ***Modification of a firearm may nullify its manufacturer warranty.***

TOOLS NEEDED FOR THIS INSTALLATION:	
• Soft (plastic) faced hammer	• 1/8" punch
• Brass faced hammer	• 5/64" punch
• Small flat blade screwdriver	• Hooked pick or needle nosed pliers
• Wood block with 3/8" hole	• Gun oil

We recommend lubricating firearm components when installing them into your firearm.

Step 1: Field stripping the firearm:

Remove the takedown pin and remove the slide. This is accomplished by leveraging this takedown pin out with a flat blade screwdriver. Then move the slide forward.

Remove the recoil spring and guide rod from the slide.

Remove the barrel from the slide.

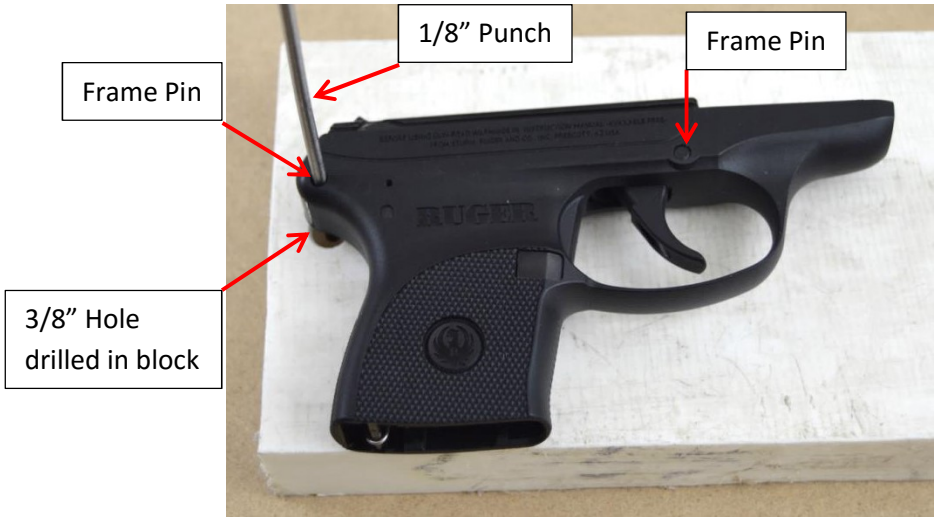
Step 2: Removal of the polymer grip cap from the bottom of the grip:

Push a small punch into the small hole at the back of the grip. This will cause the polymer grip cap to move downward away from the grip.

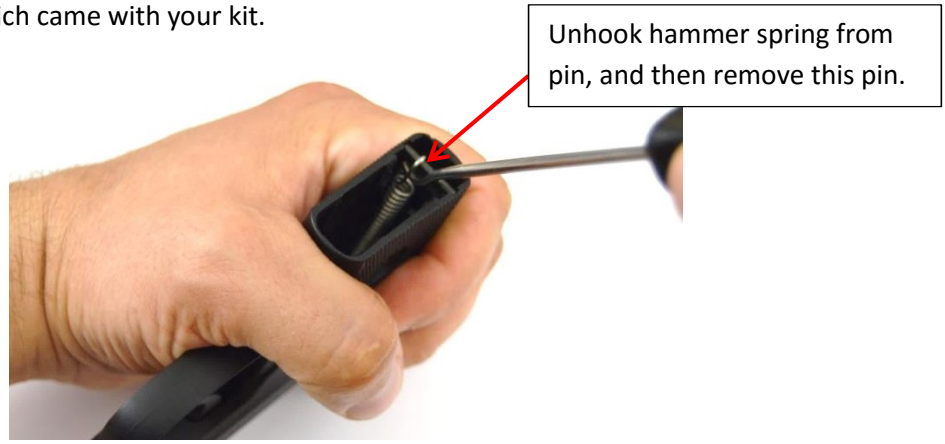
Pull the polymer grip cap out of the grip.

Step 3: Removal of the metal internal frame from the polymer grip:

Using a 1/8" punch, a mallet, and a wood block; tap out the two frame pins. A block with a 3/8" hole drilled in it will be helpful removing pins. In the photo below we show a polymer block, however a wooden block can also be used.



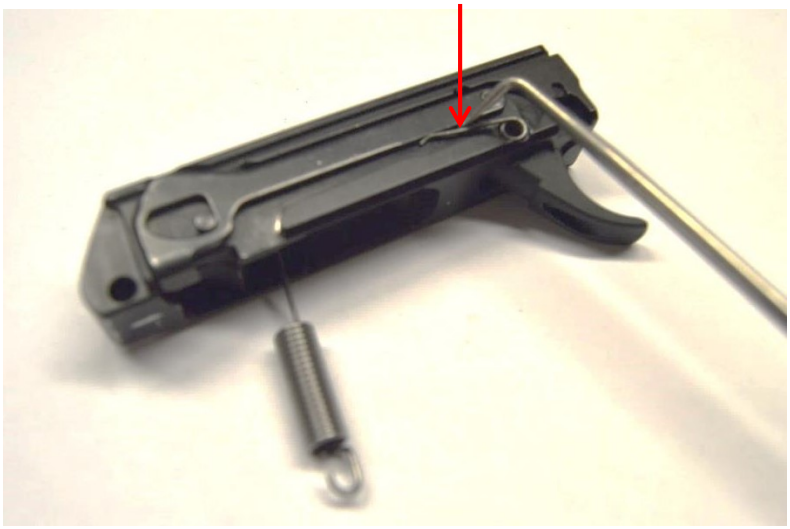
Using either a pick with a hooked tip or needle nose pliers, unhook the factory hammer spring from the pin at the base of the grip. The tension of this spring is holding this pin in place, so be careful not to lose this pin. When you unhook this spring, this pin will likely come out of its factory installed position, which is OK. Just be certain not to lose this pin. Once this spring is unhooked from the pin, remove the pin from the grip and set the pin aside. You will need this pin later during the installation of the new FWT LCP hammer spring which came with your kit.



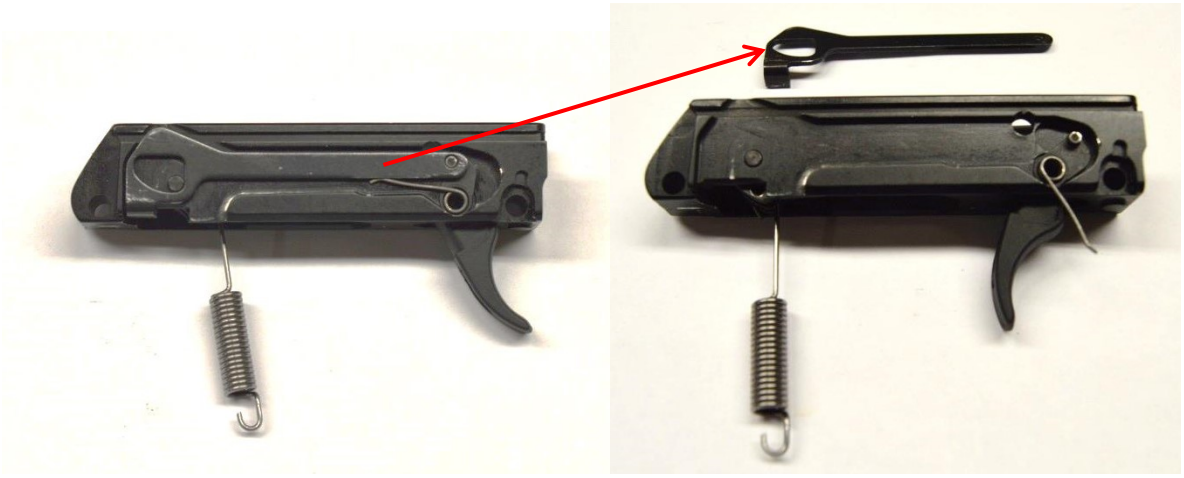
Lift the metal internal frame from the polymer grip. You may need to push up on the trigger slightly for the metal internal frame to come out of the polymer grip. Set the polymer grip aside.

Step 4a: Installation of the hammer spring:

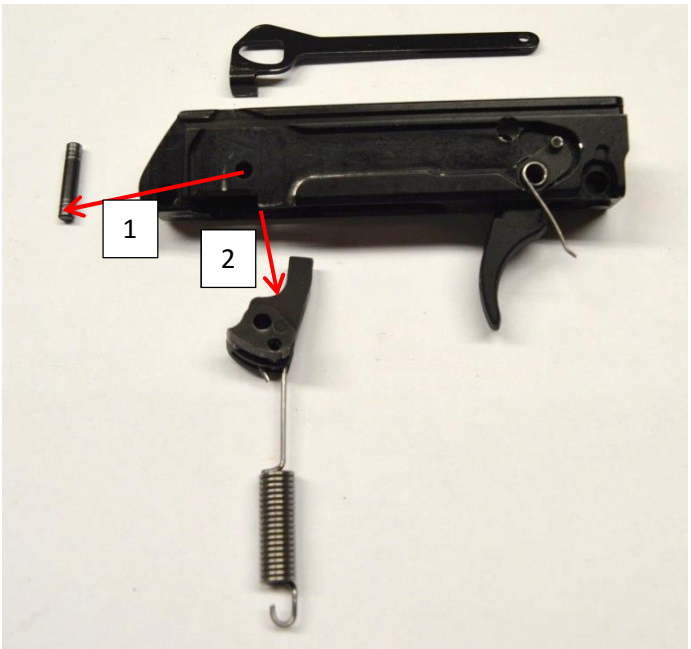
Using a pick, pull the arm of the stock trigger reset spring out from under the trigger bar. The stock trigger reset spring will NOT be able to be removed from the metal frame at this time.



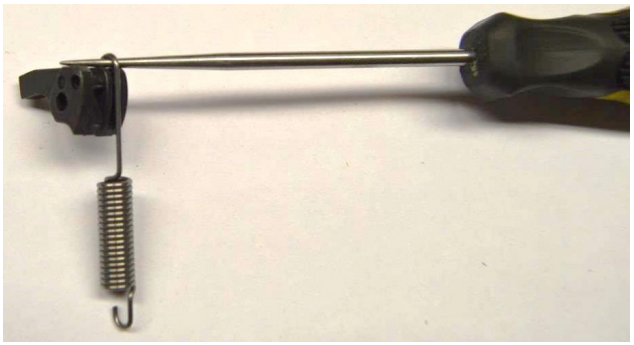
Lift the trigger bar from the internal metal frame.



Push the hammer pivot pin out with a small punch and remove the hammer from the internal metal frame. This should easily slide out. Set the trigger bar and hammer pivot pin aside.



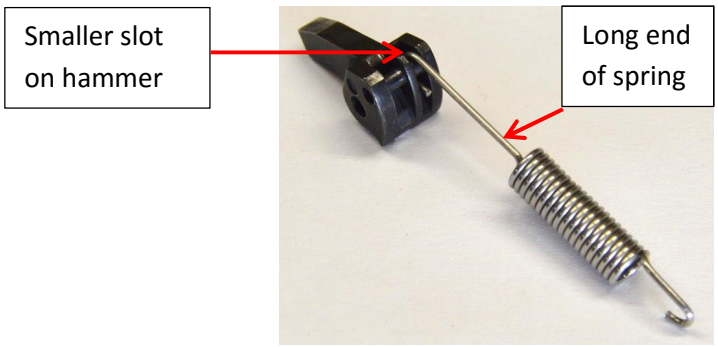
Remove the stock hammer spring from the hammer. You can use a pick or needle nose pliers to unclip the end of the spring from the roll pin which is installed in the hammer. It is NOT necessary to remove the roll pin from the hammer.



The Gen 2 Ruger LCP Mission Select Trigger Kit comes with two different hammer springs. These two hammer springs provide a either a 5.5lb or 6.0lb trigger pull based on your preference. The stock trigger pull is approximately 8.0lbs. Your kit includes a quick reference spring identification card for your convenience if you choose to install a different hammer spring in the future to try a different configuration.

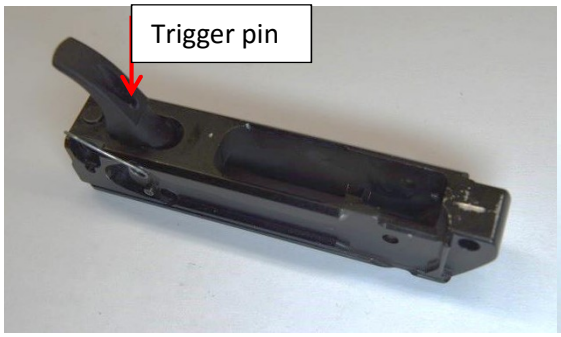
The 5.5lb hammer spring is all silver. The 6.0lb hammer spring is marked black. Select one of the following FWT hammer springs to install in your firearm.

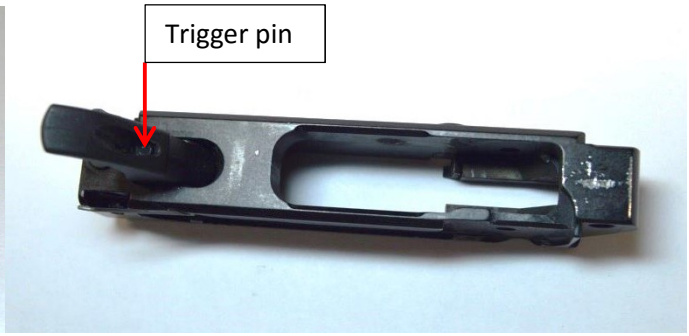
Install the Fort Wayne Tactical LLC hammer spring onto the hammer roll pin. The long end of this spring needs to go into the smaller slot on the hammer. Set this aside.



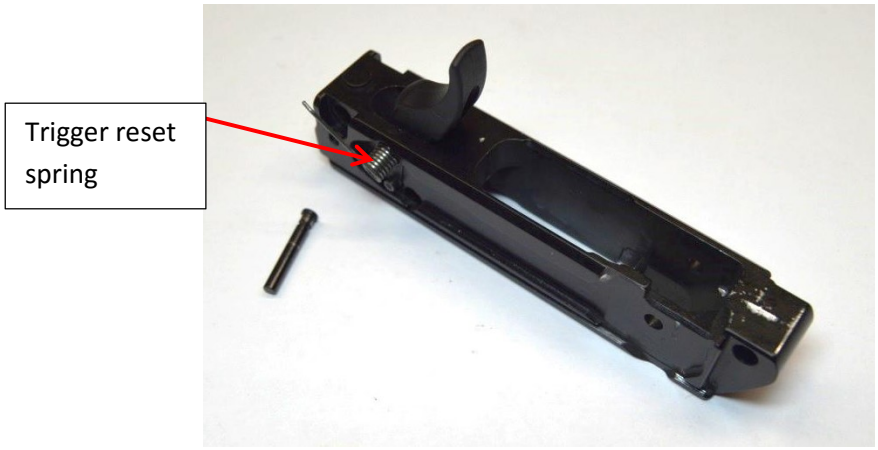
Step 4b: Installation of the trigger reset spring:

Place the internal metal frame upside down on your work surface. Using a small punch, tap out the trigger pin located on the underside of the trigger.

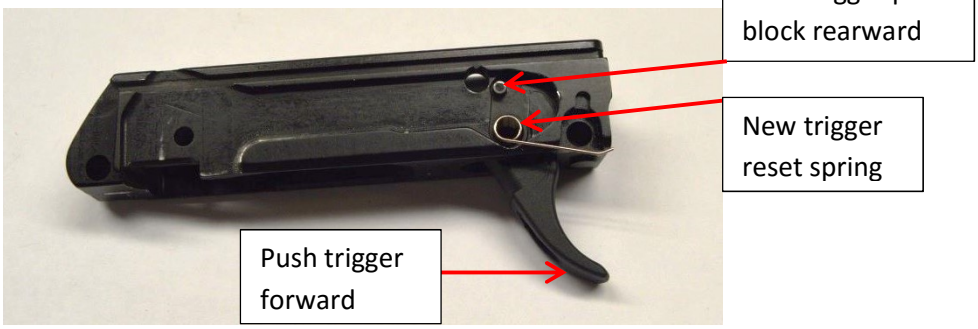


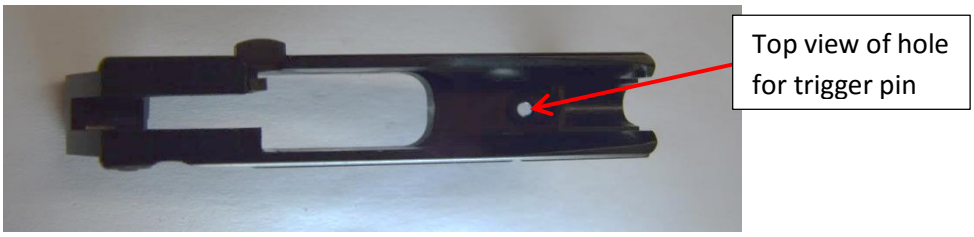


Pull the stock trigger reset spring out from the internal metal frame.

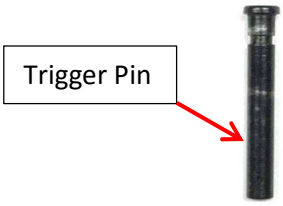


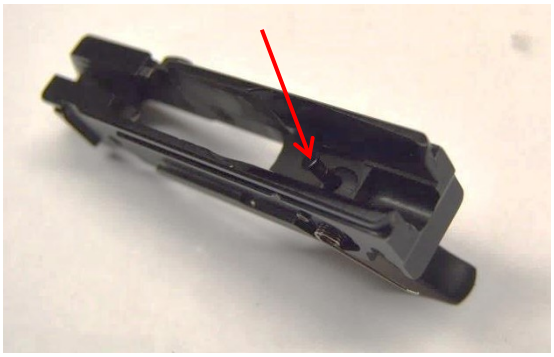
Insert the Fort Wayne Tactical LLC trigger reset spring into the hole on the side of the frame from which the stock trigger reset spring was just removed. Keep the trigger pushed forward and the trigger pivot block pushed rearward. The hook on the Fort Wayne Tactical LLC trigger reset spring should be parallel with the top of the frame. With these three components oriented in this manner, you should be able to visually look through the trigger pin hole from the top of the frame.





Push the trigger pin into the top of the trigger. The pin should be flush with the top of the trigger.

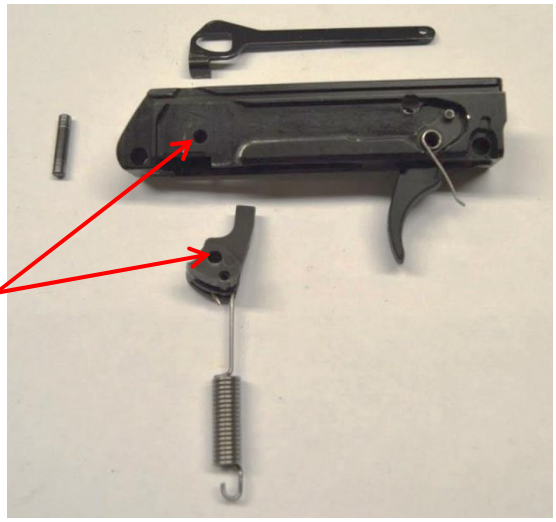




Step 4c: Reassemble the internal metal frame:

Insert the hammer into the internal metal frame. Line up the hole on the hammer with the hole on the frame and insert the hammer pivot pin. The hammer pivot pin should be flush on the left side of the frame and be proud on the right side of the frame.

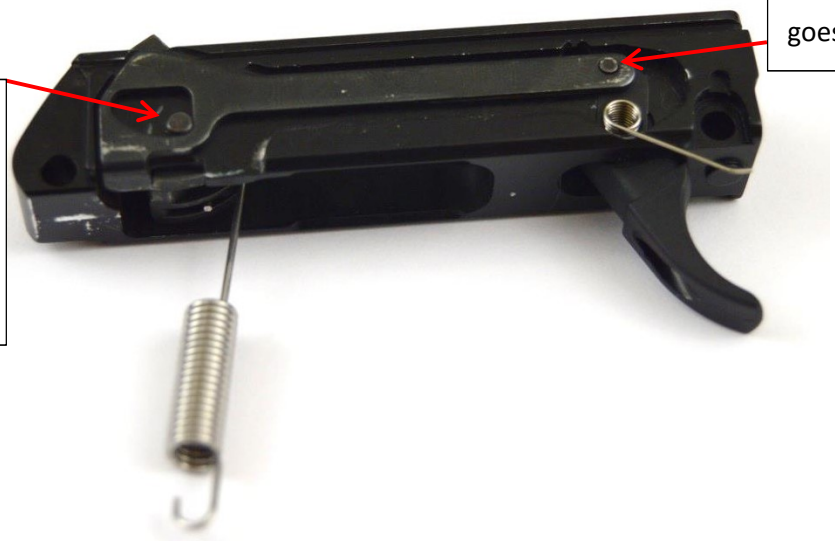
Insert hammer into underside of internal metal frame and line up these two holes, then insert hammer pivot pin.



Reinstall the trigger bar making sure the small hole on the transfer bar goes over the small post on the trigger pivot block.

Hole in trigger bar goes onto this post.

D-shaped hole on transfer bar goes onto the hammer pivot pin which is proud of metal frame.



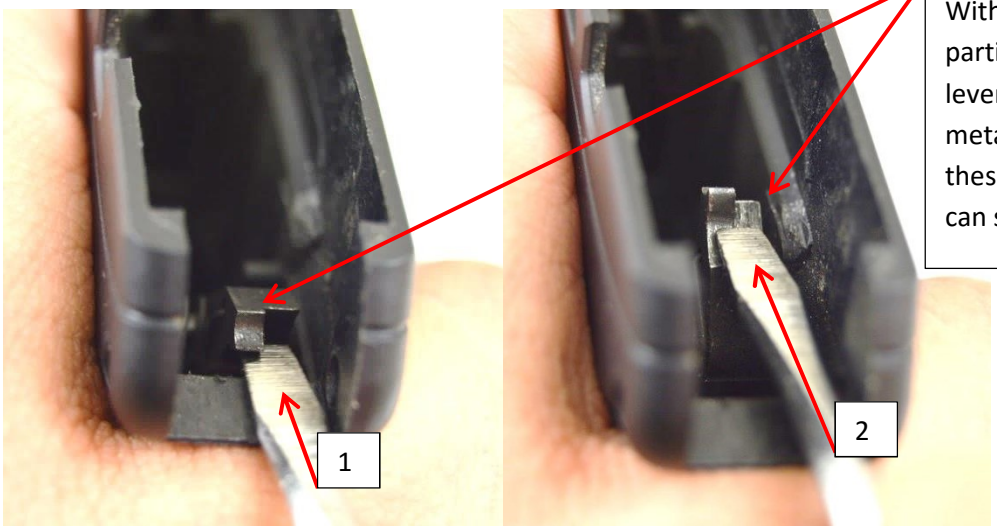
Rotate the arm of the Fort Wayne Tactical LLC trigger reset spring counter-clockwise and hook it under the transfer bar. The transfer bar has a small groove that the arm of this spring will rest on.

Step 5: Reassemble the internal metal frame into the polymer grip:

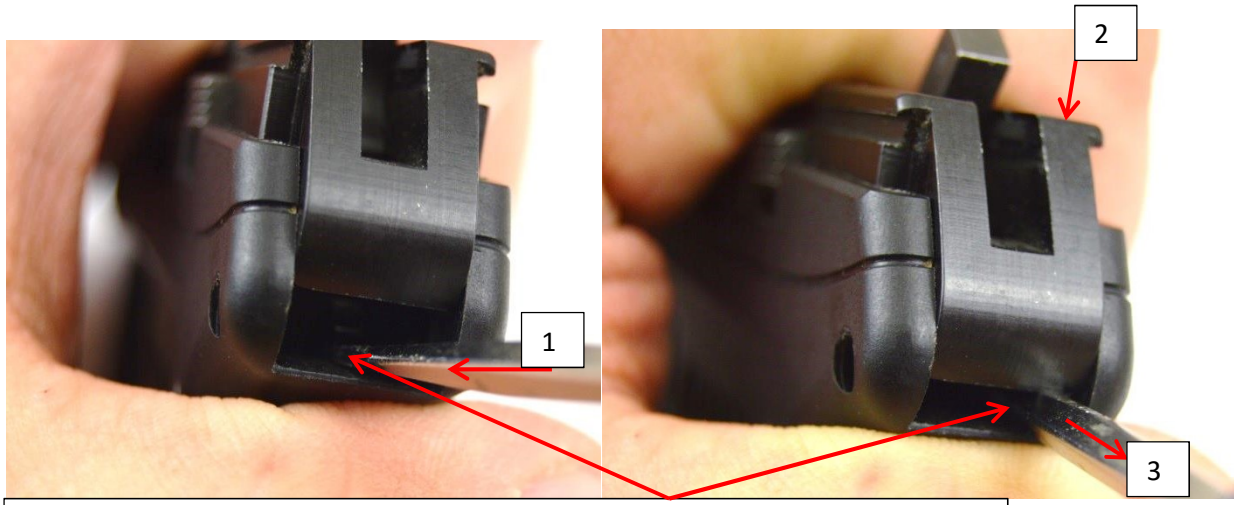
Insert the internal metal frame back into the polymer grip. The Fort Wayne Tactical LLC hammer spring will insert through the top of the magazine well and the trigger will insert through the trigger slot on the polymer grip. At this point the rear of the internal frame will NOT be fully seated into the polymer grip.

While holding the internal metal frame downward into the polymer grip, insert a small flat head screwdriver or pick into the rear of this gap. Lift the hammer reset lever (shown on next page) with the tip of the screwdriver and push this lever forward. Once this lever is forward (and you are still holding the metal frame downward), remove the screwdriver. The internal metal frame should fully seat into

the polymer grip. The images below show the location where the screwdriver needs to be positioned in order to lift the hammer reset lever. The internal metal frame is not shown in these images so that you are able to see where to position the screwdriver, however when doing this installation you will have the internal metal frame partially inserted into the polymer grip as described earlier.



With internal metal frame partially inserted, push this lever forward. The internal metal frame is not shown in these two images so that you can see this lever.



These bottom two images are the same two steps showing what you actually will be doing. Insert a small flat blade screw driver in the gap and push the lever forward; then remove the screwdriver. Keep some downward pressure on the internal metal frame as you remove the screwdriver. The internal metal frame should fully seat into the polymer grip after you remove the screwdriver.

Reinstall the two polymer frame pins to retain the internal metal frame into the polymer grip. One end of these pins is a slightly smaller diameter. Insert the smaller end of the frame pins first and then tap them with a mallet until they are flush with the polymer grip.

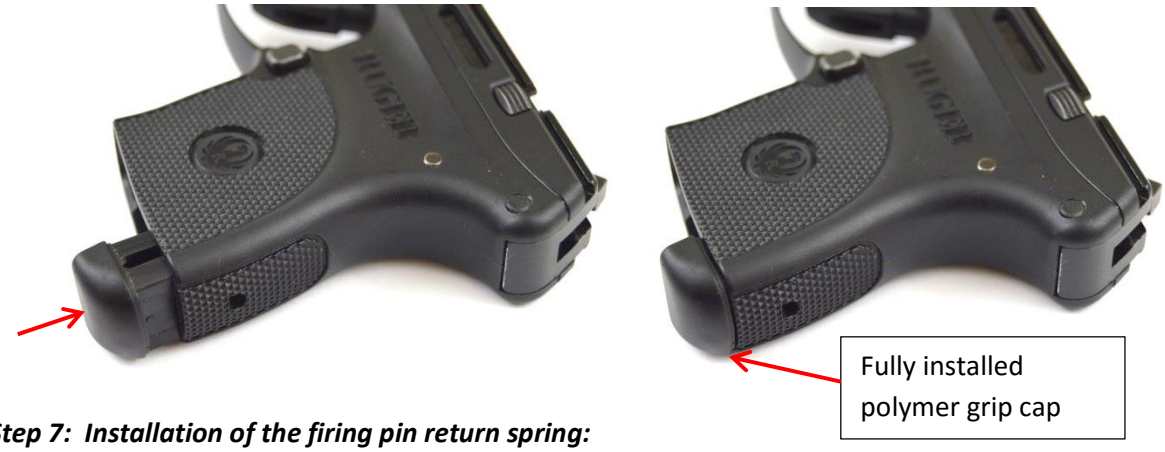
Step 6: Install hammer spring pin, hook on hammer spring, and reinstall polymer grip cap:

Place the hammer spring pin in the groves located in the bottom of the polymer frame. Using a hooked pick or needle nose plyers, pull the Fort Wayne Tactical LLC hammer spring until it hooks onto the hammer spring pin. The spring should be hooked on the grove on the left side of the firearm as is shown in the below images.

Hook the hammer spring on the left groove.

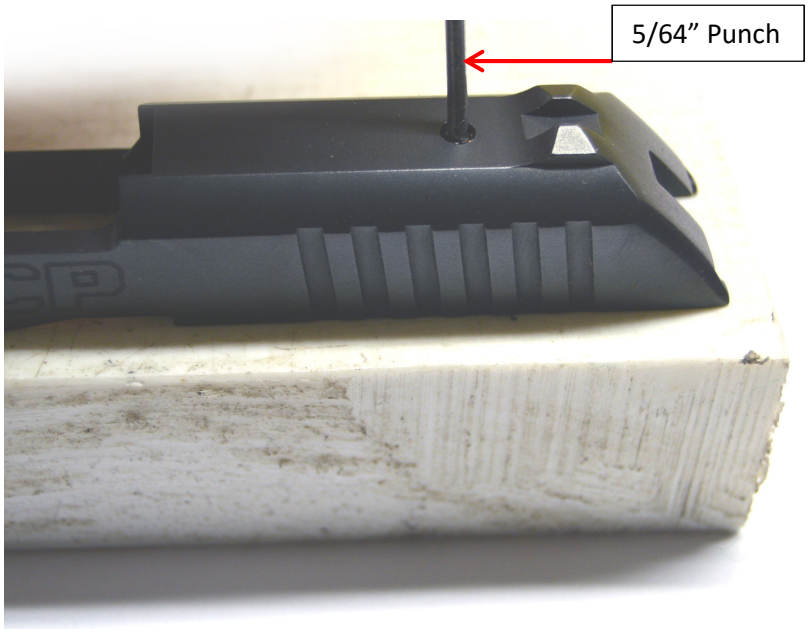
Fully installed hammer spring and pin.

Insert the polymer grip cap into the base of the grip until it clicks.

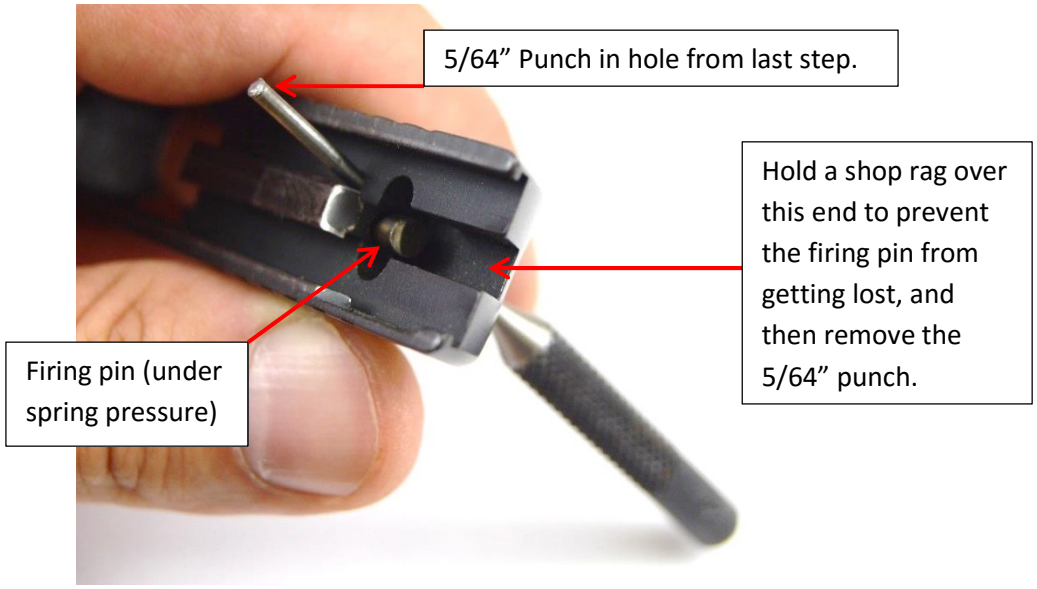


Step 7: Installation of the firing pin return spring:

Using a 5/64” punch, remove the roll pin from the slide. The same block used earlier in these instruction to remove the frame pins can be used to assist removing this pin.

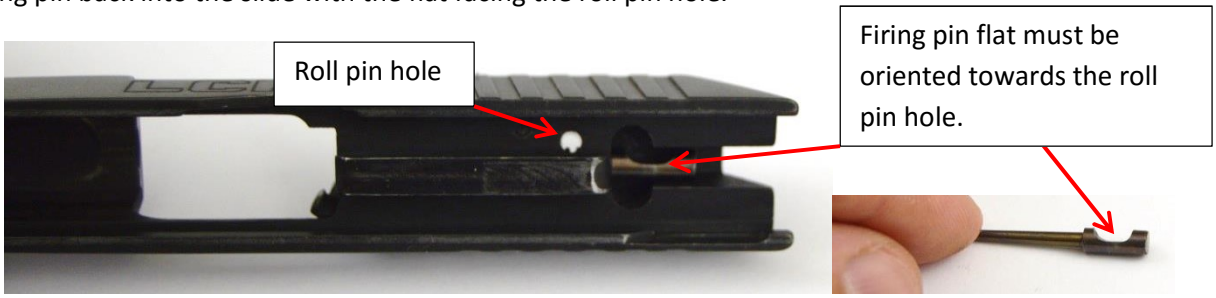


After the roll pin is removed, hold a shop rag over the back end of the slide and carefully remove the punch from the hole in the slide. The firing pin is under spring pressure and can be lost if it shoots across your shop (trust me on this one).

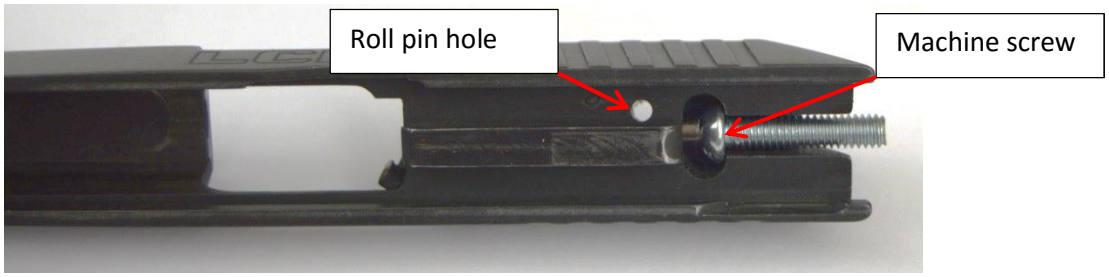


Pull the firing pin and stock firing pin return spring from the slide.

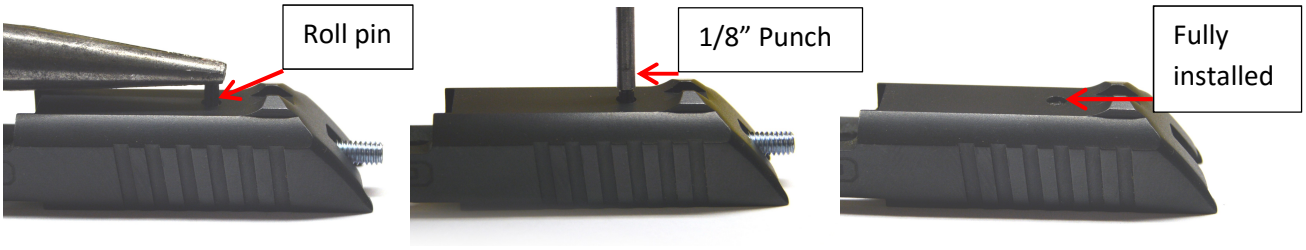
Insert the Fort Wayne Tactical LLC firing pin return spring into the firing pin hole on the slide. Insert the firing pin back into the slide with the flat facing the roll pin hole.



Next we will compress the firing pin slightly and reinstall the roll pin. We've found this is most easily accomplished by compressing the firing pin with the head of a pan head machine screw. The screw head fits easily into the T-slot on the underside of the slide. Once this is compressed and the machine screw is in place, verify that you can see through the roll pin hole. If the flat on the firing pin has turned and you can see it through this hole, insert a 5/64" punch into this hole and turn the firing pin flat until you can see the full diameter of the hole. If you see the full diameter of the hole, the firing pin flat is oriented correctly.



It will be easiest to reinstall the roll pin from the top of the slide. Tap the roll pin in from the top of the slide until it is below the top surface of the slide. It is helpful to hold the roll pin with a needle nose pliers and tap it most of the way down, then fully tap it into the recess on the top of the slide with a 1/8" punch.

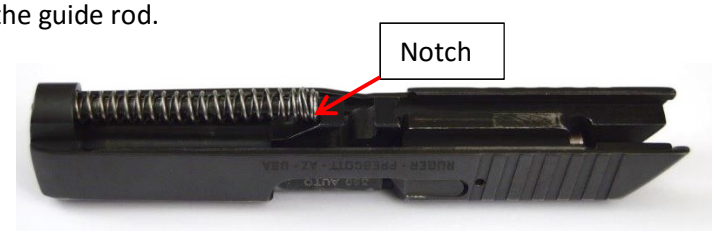


Ensure the roll pin is not proud of the underside of the slide otherwise this will interfere with the frame of the firearm. Push the back of the firing pin in and out to ensure it actuates smoothly. If the firing pin does not move, the flat of the firing pin has turned during this installation step and is interfering with the roll pin. Remove the roll pin and repeat this process until the firing pin actuates easily.

Step 8: Reassembly of the firearm (reverse of field strip):

Insert the barrel into the slide.

Insert the guide rod and recoil spring into the slide. Make sure the back of the guide rod seats on the notch on the back of the guide rod.



Insert the slide onto the rails of the polymer grip and fully push the slide on.

Insert takedown pin into the frame to retain the slide.

Installation of the Fort Wayne Tactical LLC – Ruger LCP 5.5 Trigger Kit is now complete.