



FORT WAYNE TACTICAL LLC

Ruger LC9

**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.

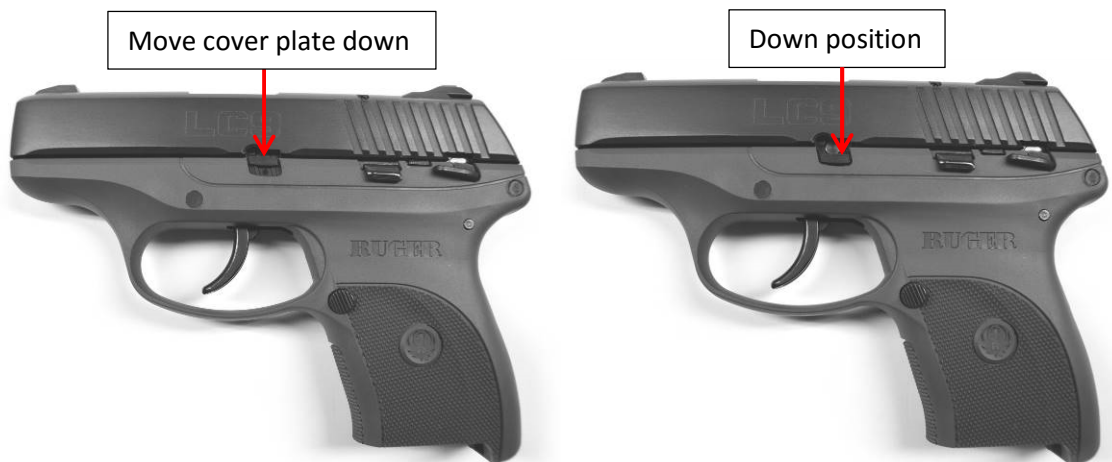
- *Installation by a gunsmith is recommended.*
- *Actual trigger weight may vary based on condition and manufacturer variation of firearm.*
- *No liability is expressed or implied for damage or injury which may result from installation or use of this product.*
- *You are responsible for the safe handling,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

Move the takedown pin cover plate downward.





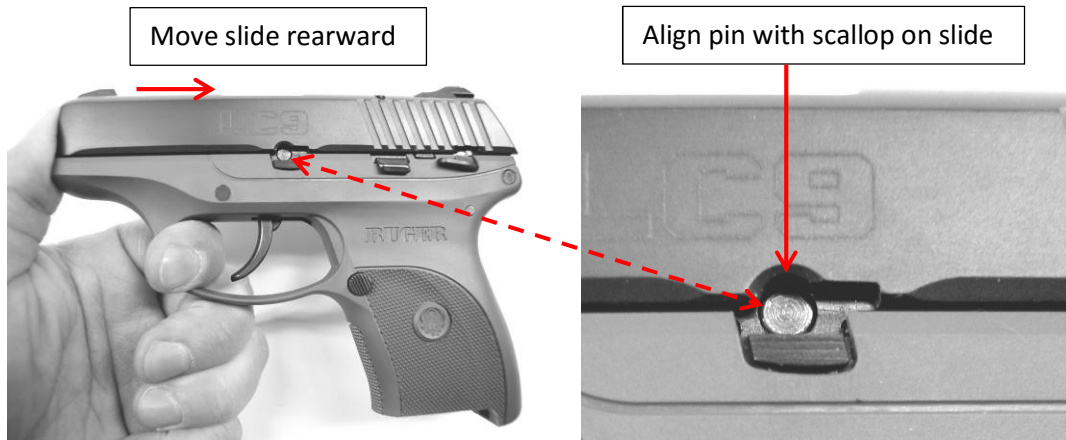
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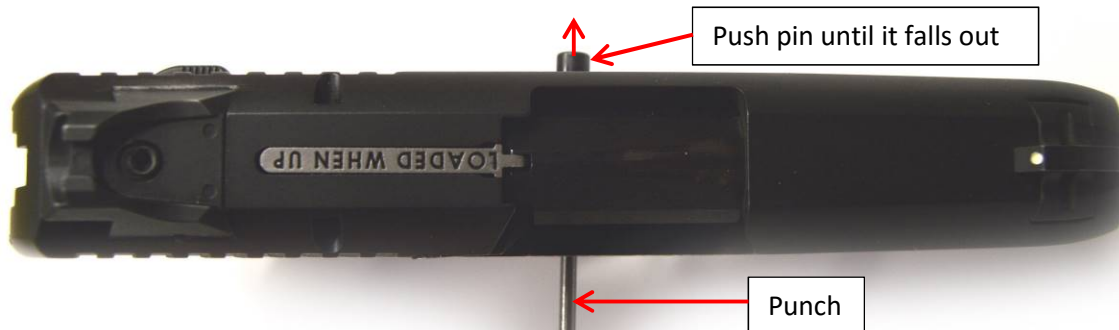
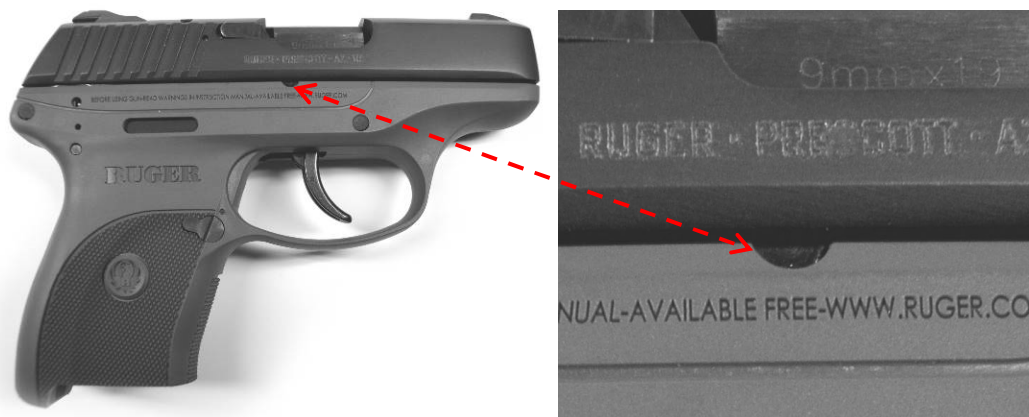
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Move the slide rearward just enough to line up the takedown pin with the scallop on the slide.



Insert a small punch in the hole on the right side of the firearm and push the pin out. Your Ruger LC9 may have come with a takedown tool from Ruger which can be used for this step.





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Push the slide forward and remove it from the polymer frame.



Remove the recoil spring and guide rod from the slide.



Remove the barrel from the slide.





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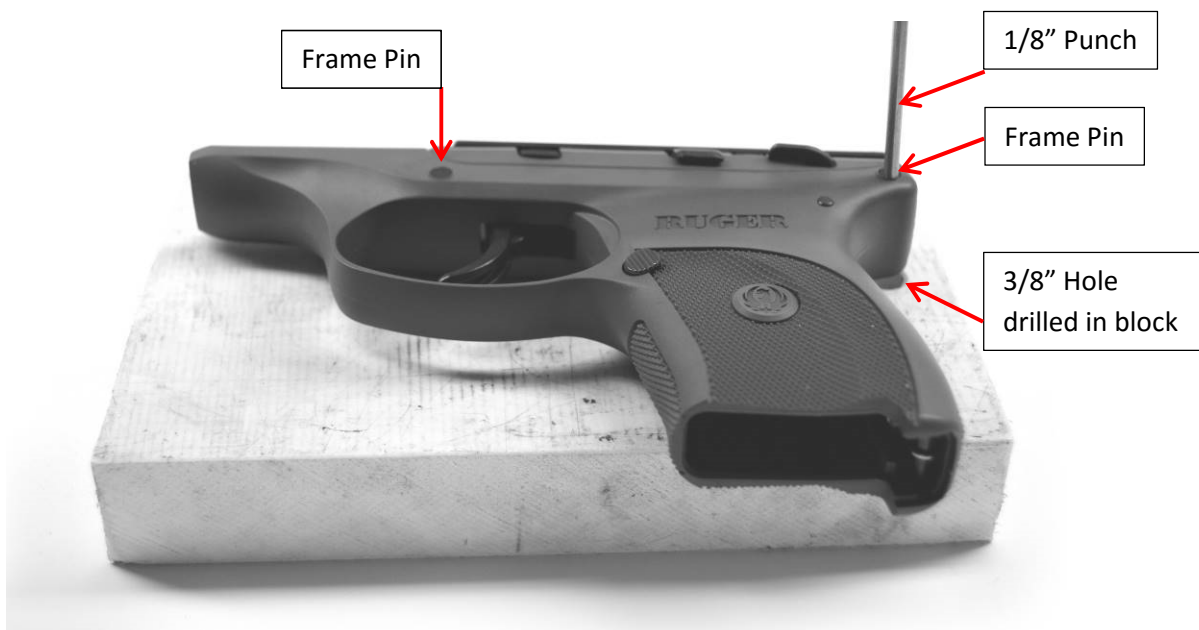
Step 2: Removal of the polymer grip cap from the bottom of the grip:

Leverage out the grip cap using a small flat blade screwdriver.



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.





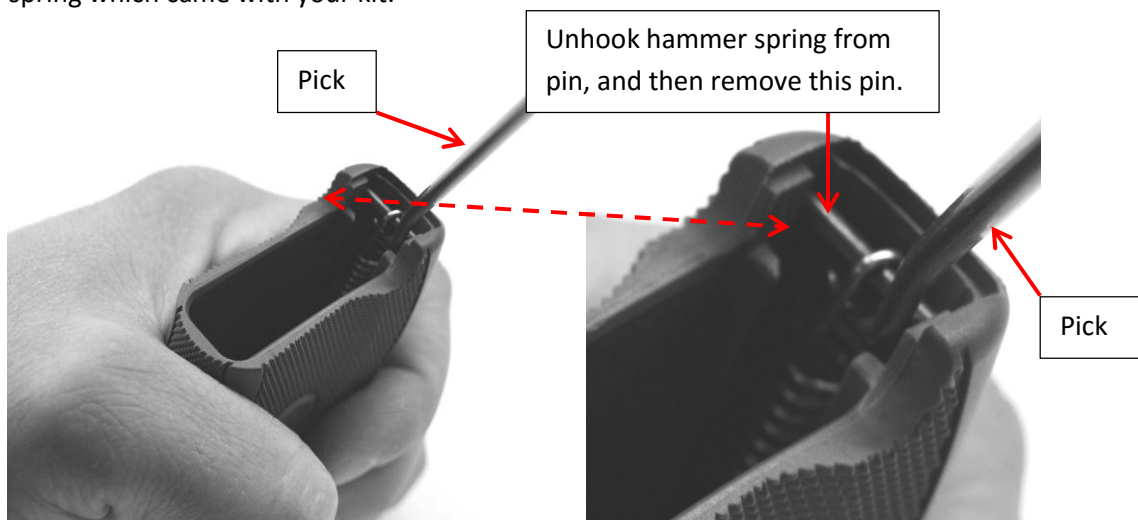
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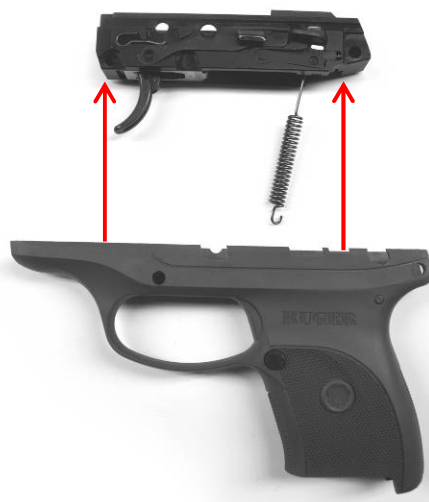
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INSTALLATION INSTRUCTIONS

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 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.





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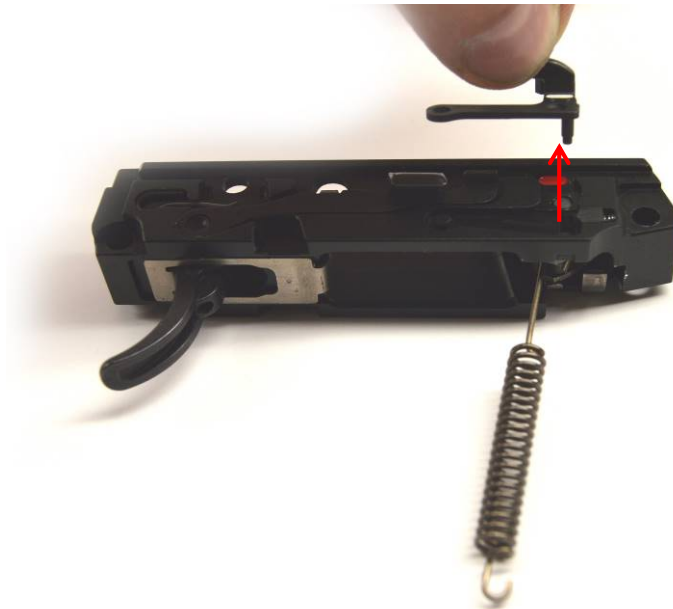
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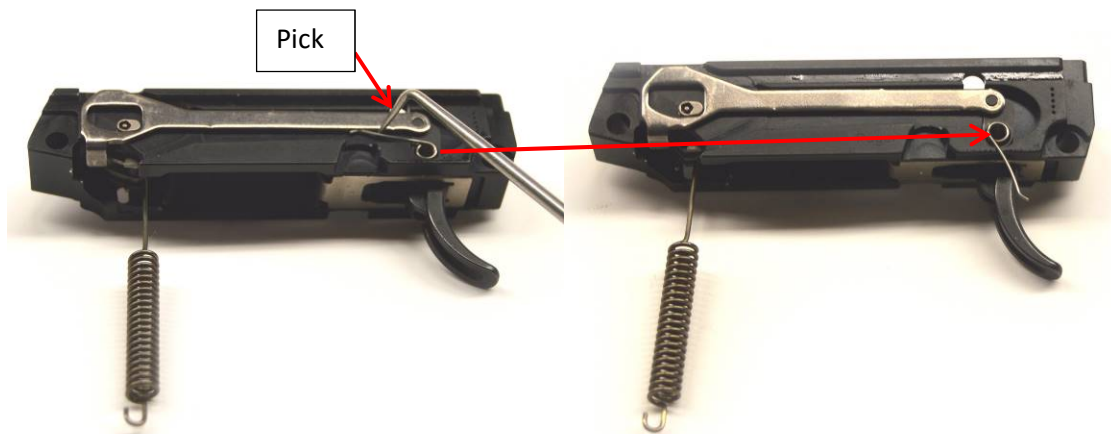
INSTALLATION INSTRUCTIONS

Step 4a: Installation of the hammer spring:

Remove the safety selector lever from the left side of the frame. (This may fall out all by itself.)



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.





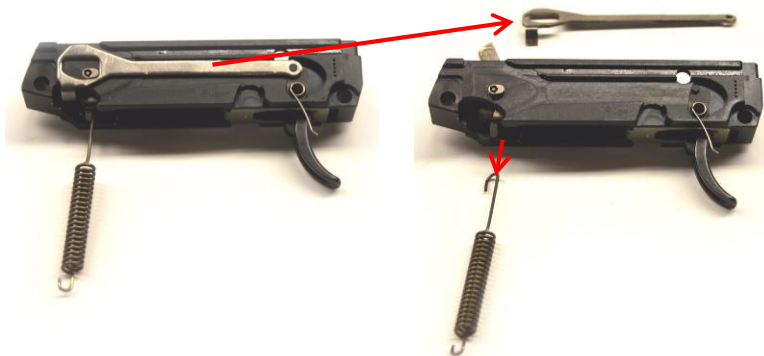
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INSTALLATION INSTRUCTIONS

Lift the trigger bar from the internal metal frame. Unhook the hammer spring from the hammer.

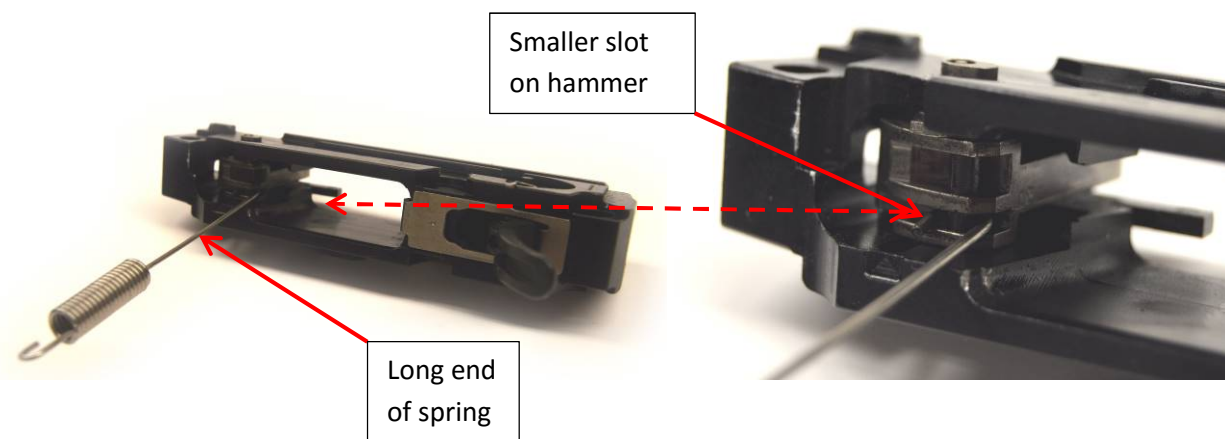


The Ruger LC9 Mission Select Trigger Kit comes with two different hammer springs. These two hammer springs provide either a 6.0lb or 7.0lb trigger pull based on your preference. The stock trigger pull is approximately 8.0lbs. Your kit includes a quick reference spring identification card for your convenience if you choose to install a different hammer spring in the future to try a different configuration.

The 7.0lb hammer spring is marked black. The 6.0lb hammer spring is all silver. Select one of the following FWT hammer springs to install in your firearm.



Install the FWT hammer spring onto the hammer roll pin. The long end of this spring needs to go into the smaller slot on the hammer.





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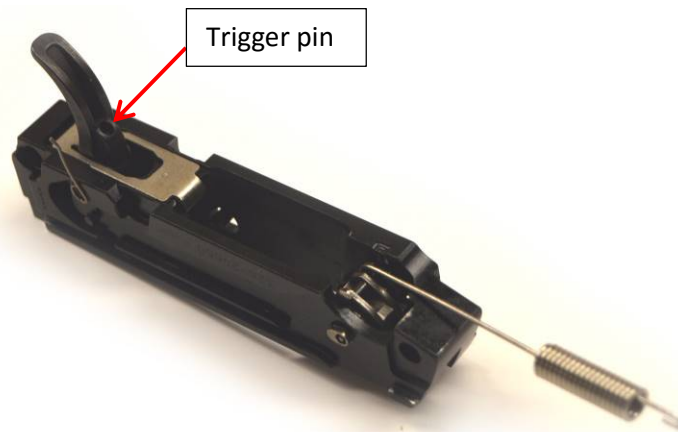
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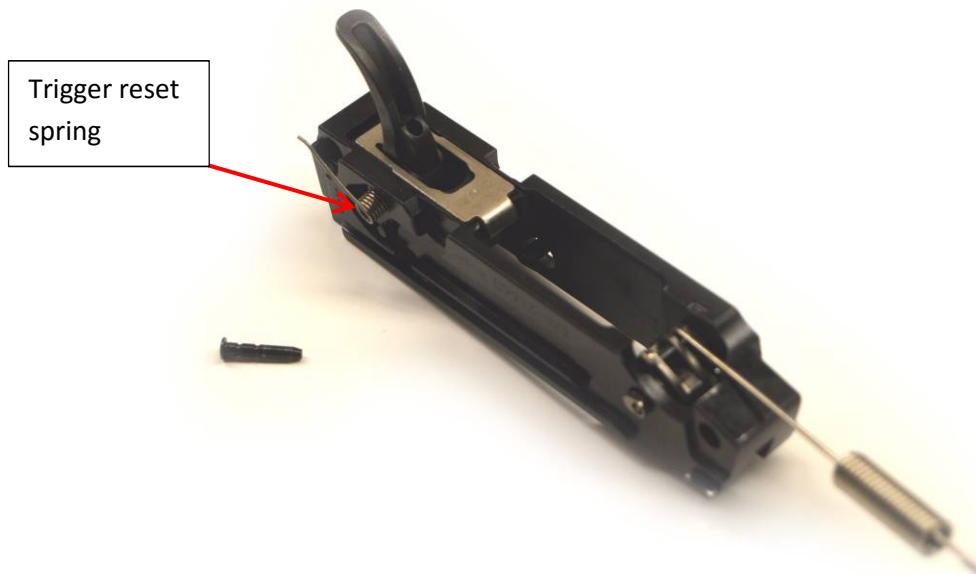
INSTALLATION INSTRUCTIONS

Step 4b: Installation of the trigger reset spring:

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



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





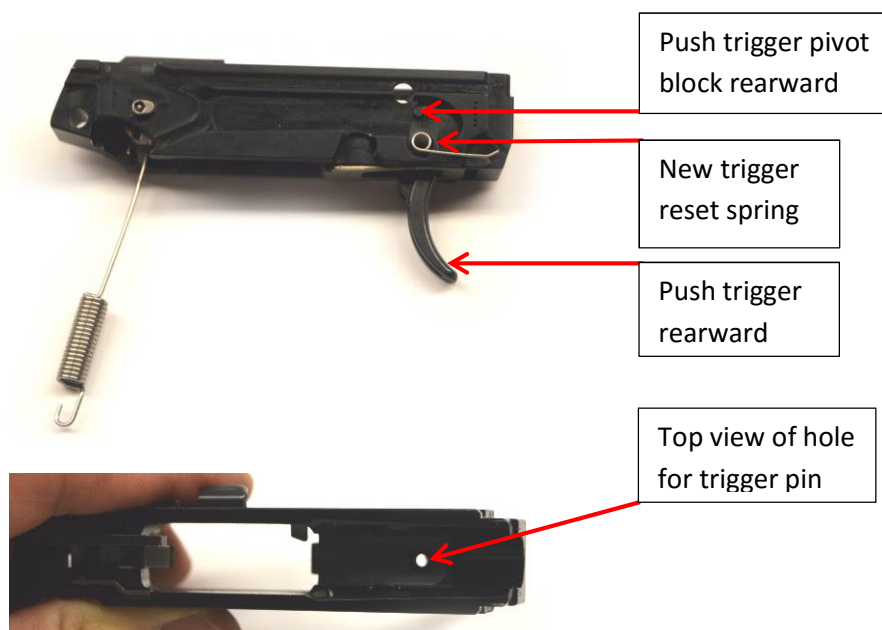
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INSTALLATION INSTRUCTIONS

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 rearward 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 in from the top of the trigger. The pin should be flush with the top of the trigger.





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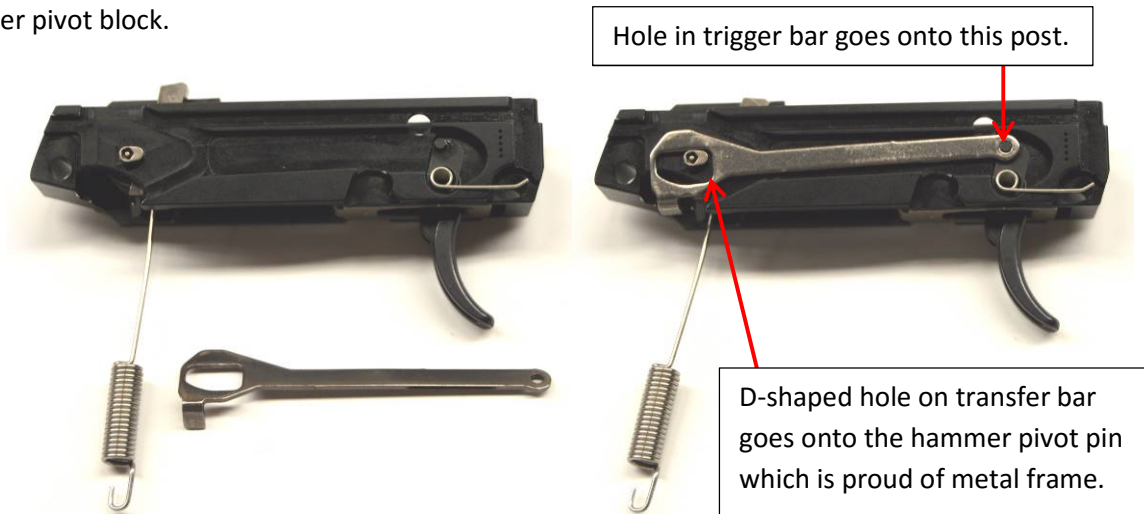
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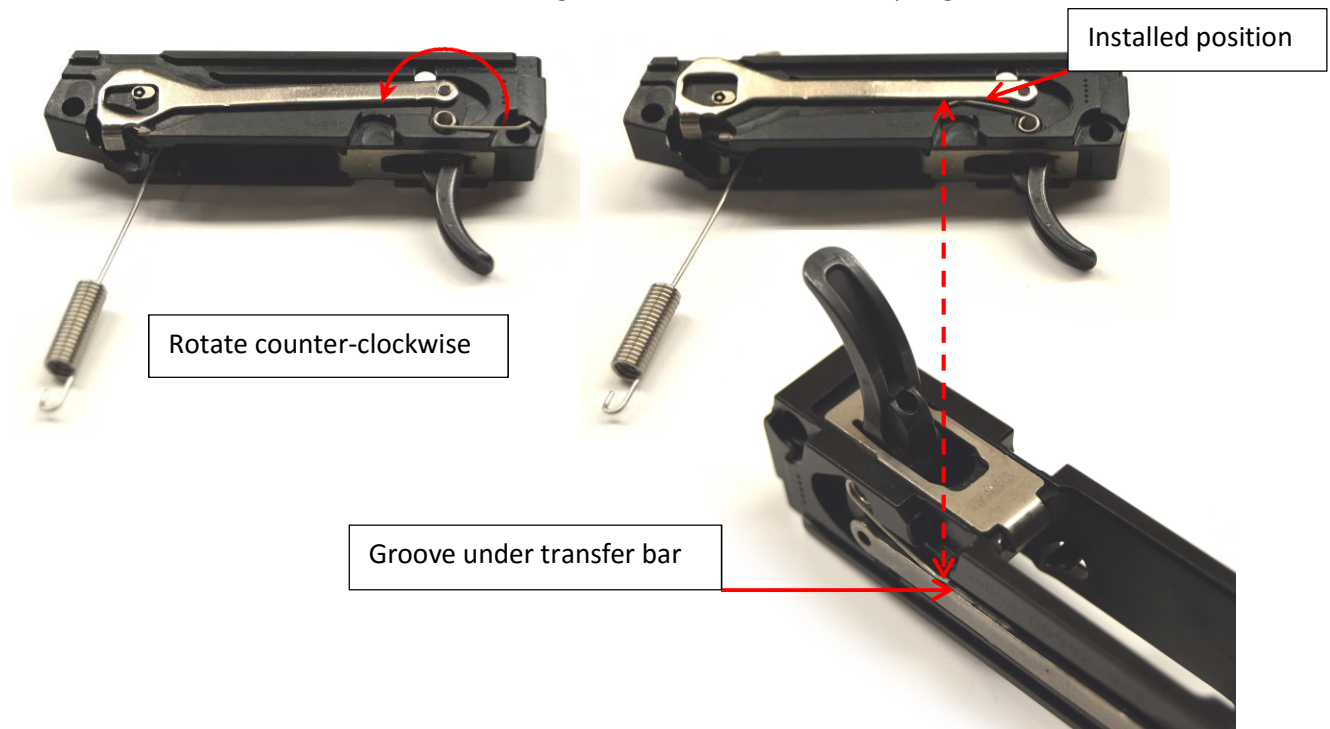
INSTALLATION INSTRUCTIONS

Step 4c: Reassemble the internal metal frame:

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



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.





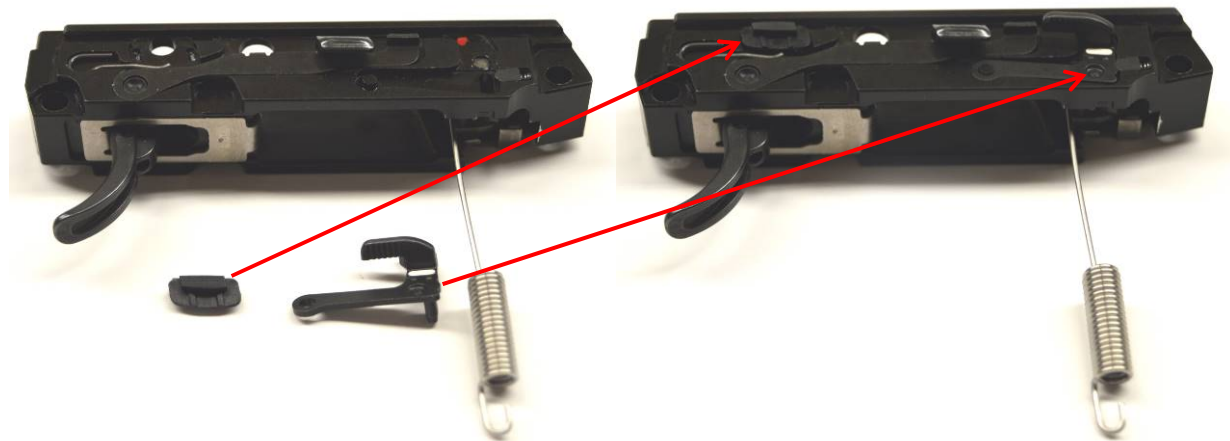
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INSTALLATION INSTRUCTIONS

Install the safety selector lever and take down pin cover. These components will simply rest on the side of the metal frame without anything retaining them, so be careful not have these components accidentally fall out. Make sure that the safety selector lever is in the downwards position (safety off).



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. Be careful not to lose the takedown pin cover plate when inserting the metal frame into the polymer grip as this component can easily fall out during this step.

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



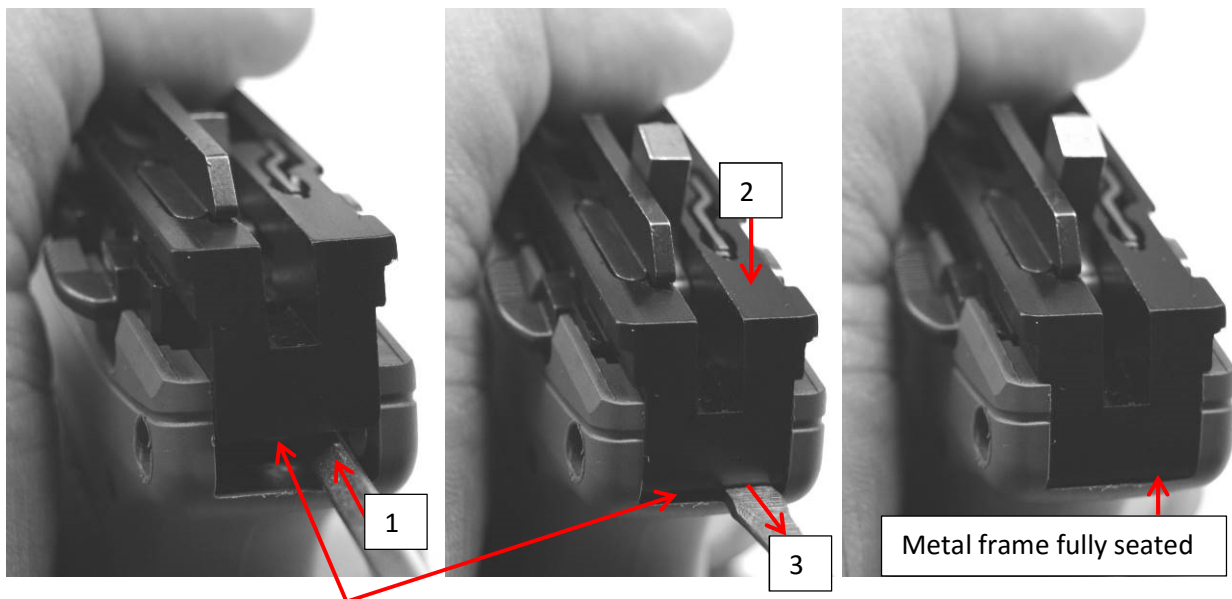
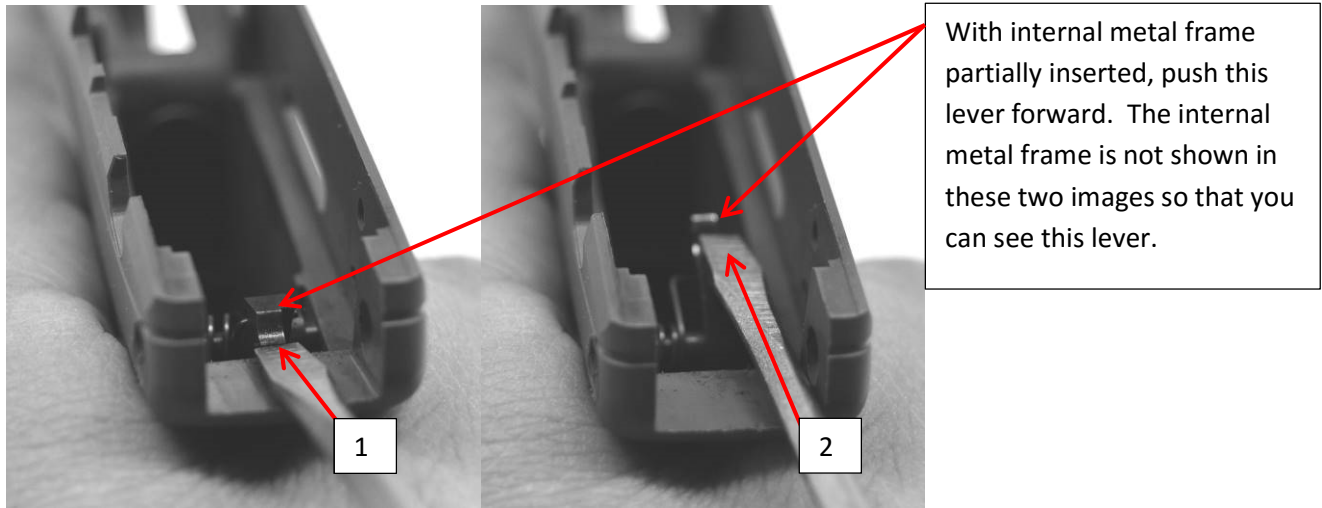
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the polymer grip. The images below show the location where the screwdriver needs to be positioned in order to lift the hammer reset lever. The internal metal frame is not shown in these images so that you are able to see where to position the screwdriver,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



These bottom 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.



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INSTALLATION INSTRUCTIONS

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 grooves located in the bottom of the polymer frame. Using a hooked pick or needle nose pliers, pull the Fort Wayne Tactical LLC hammer spring until it hooks onto the hammer spring pin. The spring should be hooked on the groove on the center of the pin as is shown in the below images.

Hook the hammer spring
on the pin center groove.

Fully installed hammer
spring and pin.





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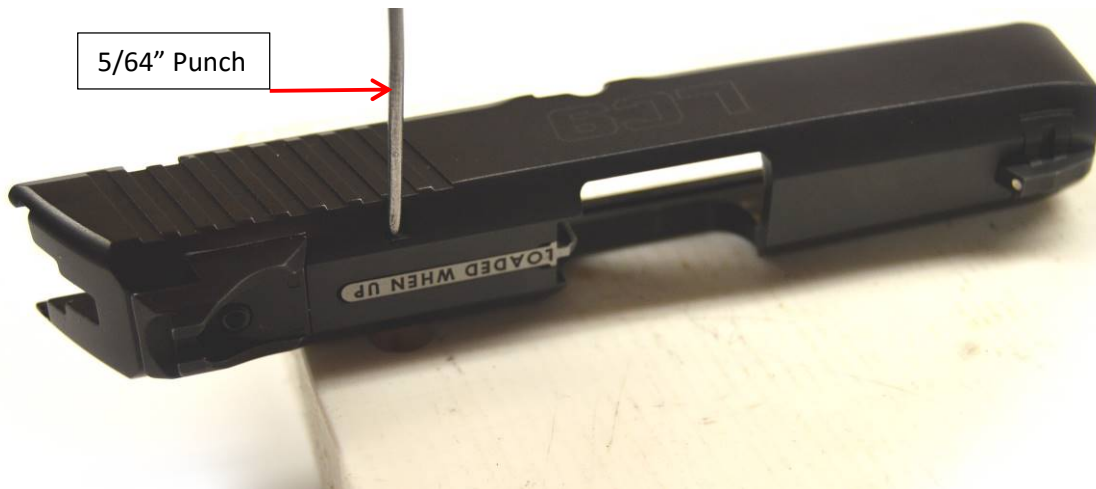
Insert the polymer grip cap into the base of the grip until it clicks.



Fully installed
polymer grip cap

Step 7: Installation of the firing pin return spring:

Using a 5/64" punch, remove the roll pin which retains the loaded chamber indicator. The same block used earlier in these instruction to remove the frame pins can be used to assist removing this pin.



5/64" Punch



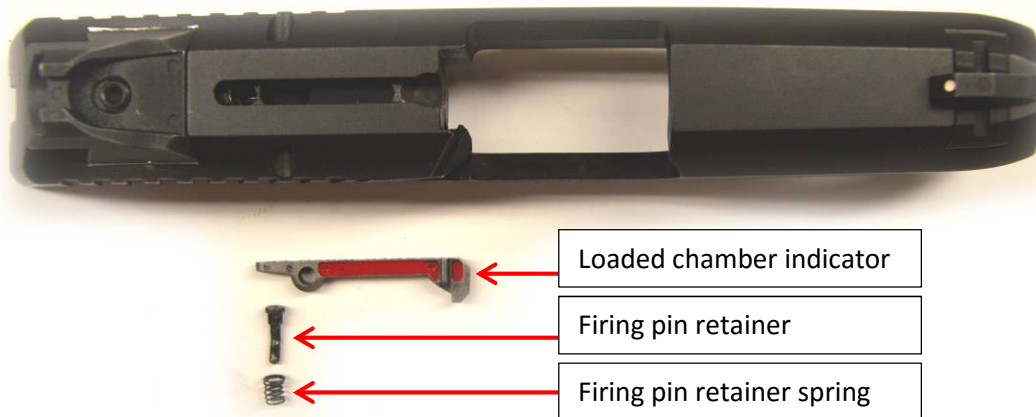
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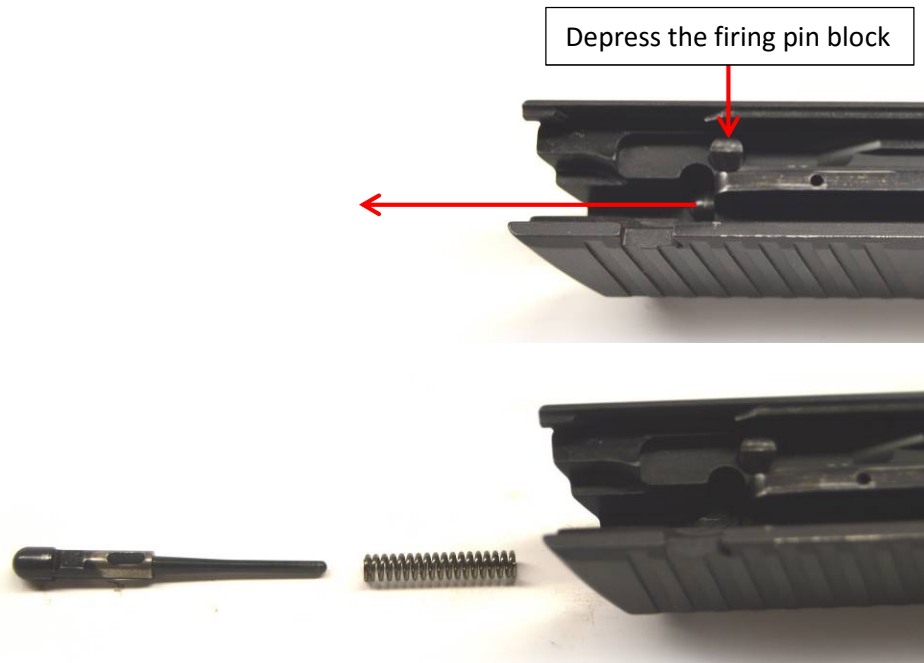
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INSTALLATION INSTRUCTIONS

After the roll pin is removed, remove the loaded chamber indicator, the firing pin retainer and spring by lifting them from the slide.



Depress and hold down the firing pin block and pull the firing pin and stock firing pin return spring from the slide.





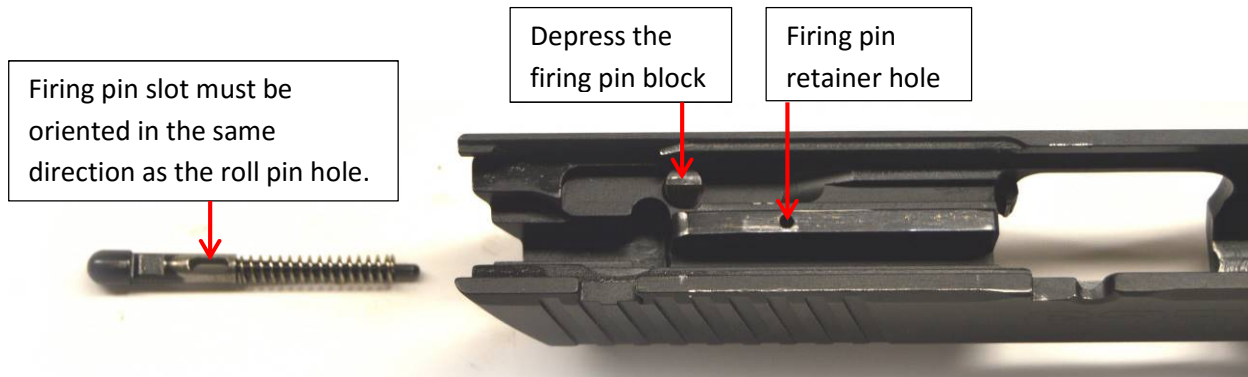
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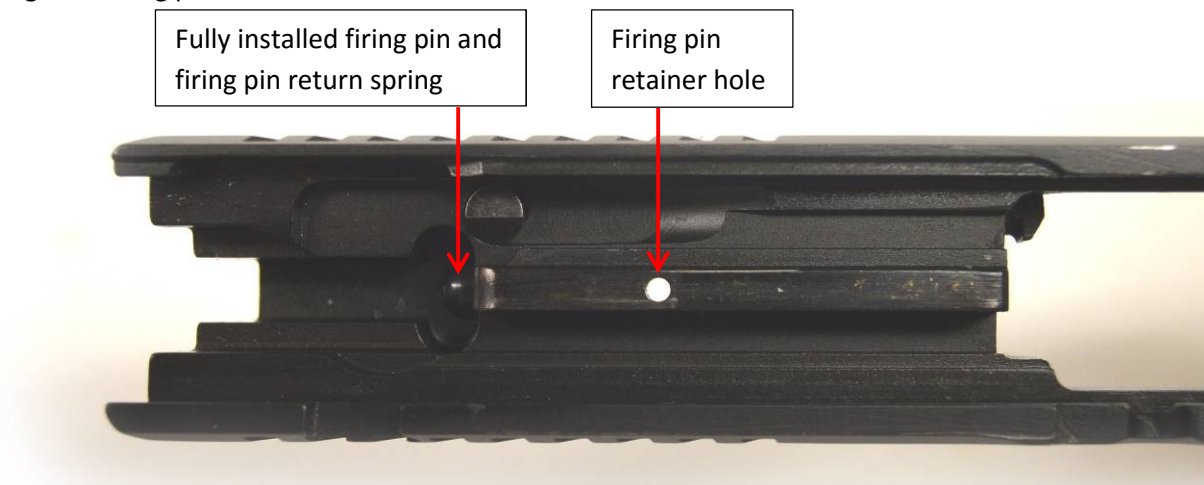
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INSTALLATION INSTRUCTIONS

Slide the Fort Wayne Tactical LLC firing pin return spring onto the firing pin. While depressing the firing pin block, insert the firing pin back into the slide with the slot oriented in the same direction as the firing pin retainer hole. This is critical because the firing pin retainer will need to pass through the hole in the slide and through the slot in the firing pin.



With the firing pin and FWT firing pin return spring fully installed, you should be able to visually see through the firing pin retainer hole.





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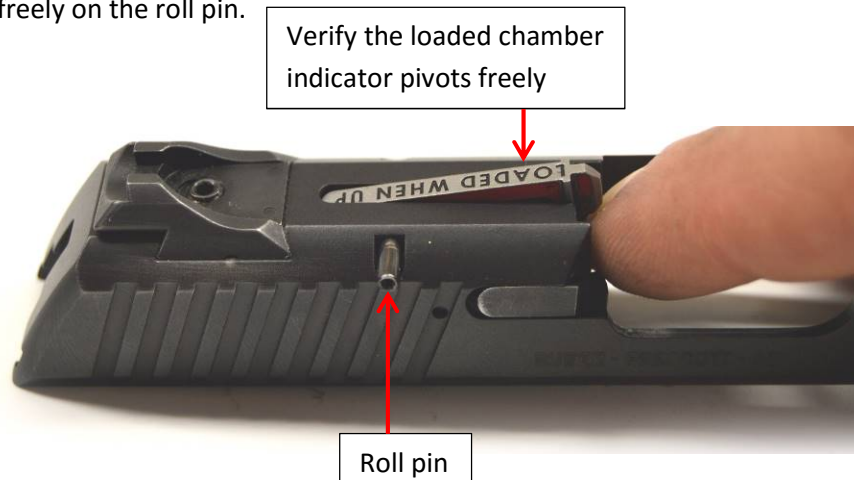
Next we reinstall the firing pin retainer and spring into the slide. Insert these components in from the top of the slide.



Insert the loaded chamber indicator into the top of the slide and line up the pivot hole on the loaded chamber indicator with the cross hole on the slide.



Using a brass faced hammer, tap the roll pin partially into the cross hole on the slide until it just starts to engage the loaded chamber indicator. At this point you'll want to verify that the loaded chamber indicator pivots freely on the roll pin.





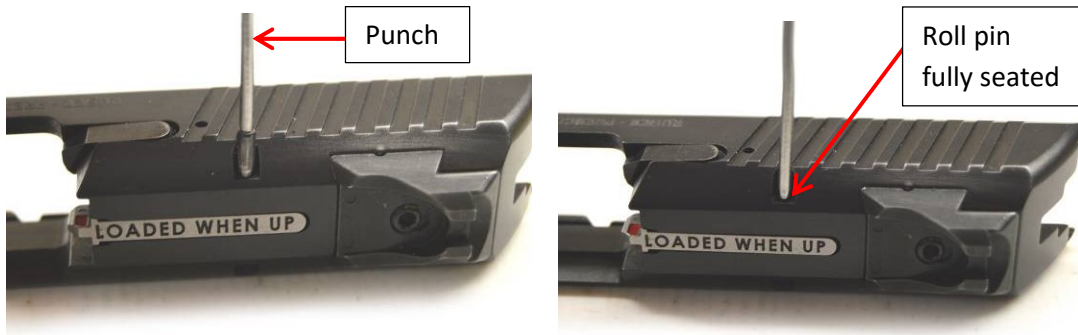
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INSTALLATION INSTRUCTIONS

Fully seat the roll pin using a 5/64" punch.



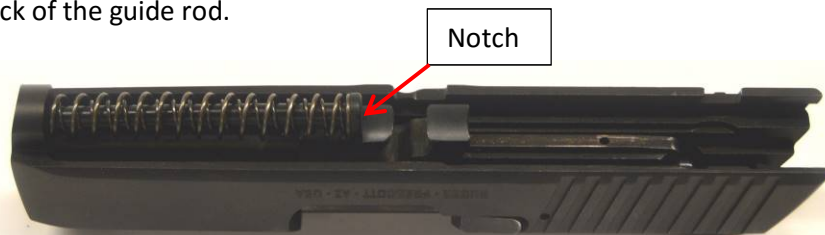
After the roll pin is fully seated, verify again that the loaded chamber indicator pivots freely and does not bind.

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.





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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. You'll need to depress the slide partially to align the takedown pin hole with the scallop on the slide. Lastly slide the take down pin cover plate upwards.



If you choose to dry fire your LC9 at this point, an empty magazine will need to be inserted into the firearm to disable the magazine safety feature. Dry firing any firearm should always be done by first verifying the firearm is unloaded and is pointed in a safe direction.

Installation of the Fort Wayne Tactical LLC – Ruger LC9 Mission Select Trigger Kit is now complete.