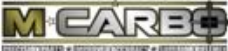




MCARBO Ruger PC Carbine Flat Trigger



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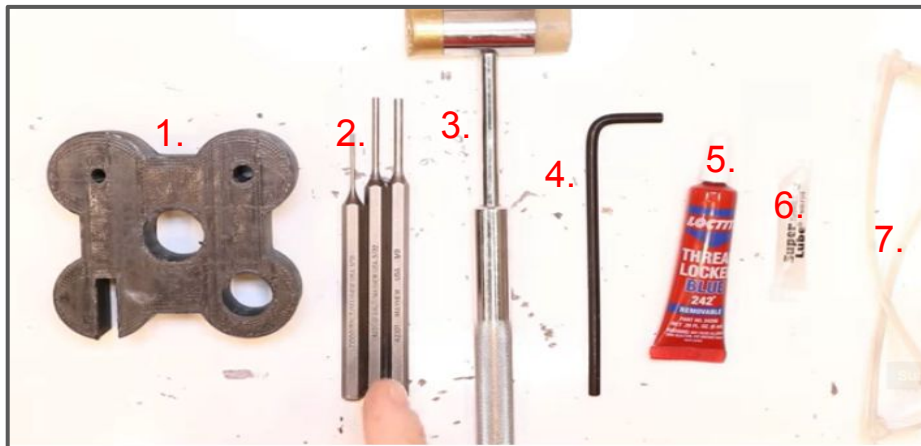
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Step 1: Clear your Firearm - Check the chamber, bolt face and magazine well.



Step 2: Gather Tools Needed for Installation: 1. Bench Block 2. 3/32 Inch Punch, 1/8 Inch Punch and 1/16 Inch Punch 3. Hammer 4. 5/32 Inch Allen Key 5. Blue 242 Loctite 6. Synthetic Grease 7. Protective Eyewear



Step 3: First you're going to remove the Barrel. Just pull forward and then rotate.



Step 4: You can measure what your Trigger Pull was before the Installation.





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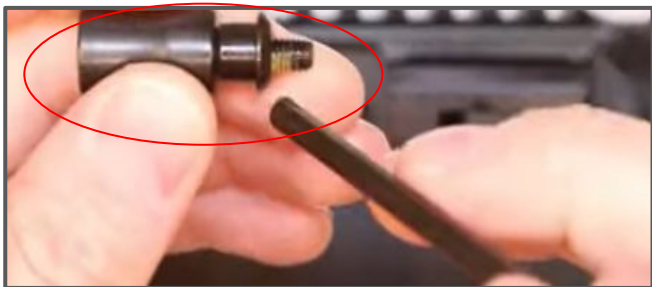
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Step 5: You will start disassembly with removing the Charging Handle using your 5/32 Inch Allen Key.



Step 6: After you removed the Charging Handle, remember to put some Blue 242 Loctite on it before you reinstall.



Step 7: Next you're going to remove the Front and Rear Takedown Screws. Use your 5/32 Allen Key to loosen them up and then pull them out. Both the Takedown Screw are the same so you do not have to worry about getting them mixed up.



Step 8: Now you're going to remove the Receiver and the Trigger Assembly from the stock.





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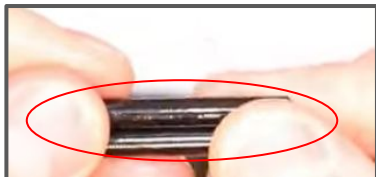
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Step 9: Use the palm of your Hand and it the Trigger Guard and then pull up. Use your 1/8 and push the Pins right through.



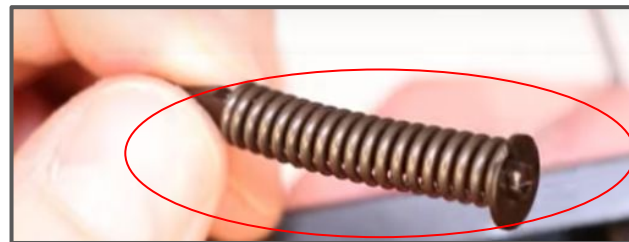
Step 10: After you remove the Pins, you're able to pull up and pull out the Trigger Mechanism.



Step 11: Next, you're going to pop out the **1.** Hammer Hinge Pin and the **2.** Trigger Hinge Pin using your 3/32 Inch Punch.



Step 12: Once you remove the Pins, you will be able to pull out the Hammer Strut and Hammer Spring.





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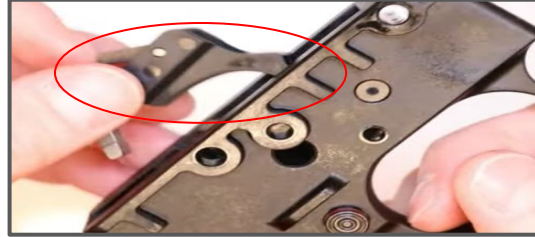
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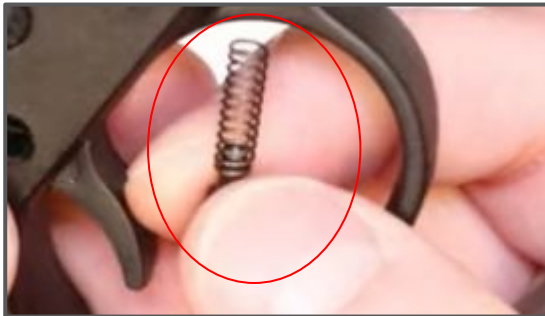
Step 13: Now you can pull out your Hammer and set it to the side for now.



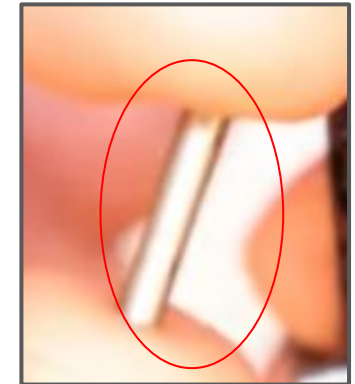
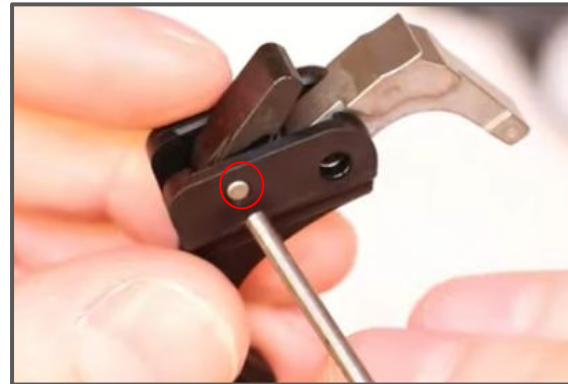
Step 15: Next you will be able to pull the Trigger directly out of the assembly.



Step 14: Once the Trigger Hinge Pin is removed, you will be able to pull out the Trigger Return Spring and the Detent.



Step 16: Now using your punch, you're going to push out the Hinge Pin that is located in the Trigger.





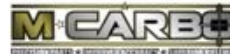
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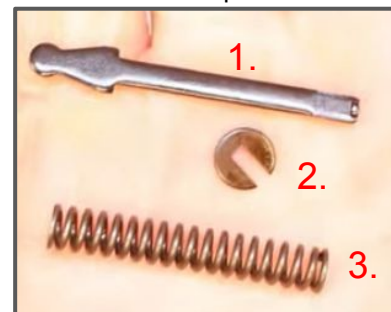
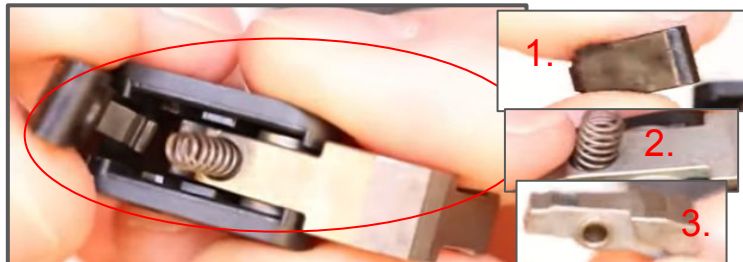
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Step 17: Now you can slowly remove the **1. Disconnecter** **2. Sear Spring** **3. Sear**

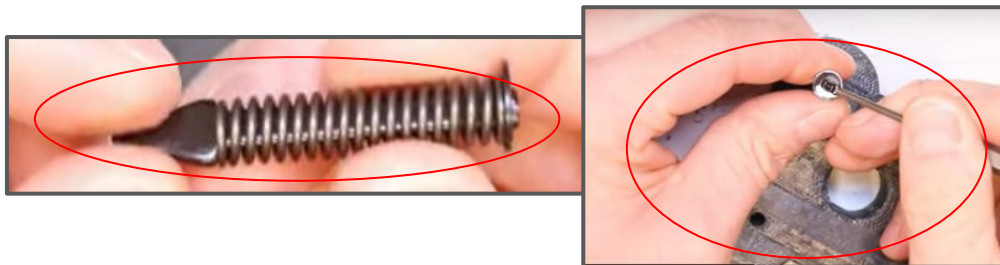
Step 19: After that you should be left with the following components:

1. Hammer Strut **2. Cap** **3. Hammer Spring**



Step 18: Next you're going to remove the Hammer Spring from the Hammer Strut by setting it on top of your Bench Block and pushing down with your 3/32 Inch Punch on the little cap until it comes off and then you're able to remove the Spring from the Strut.

Step 20: Now that the disassembly is done on the Trigger Assembly, you will have the following parts: **1. Disconnector** **2. Disconnector Hinge Pin** **3. Sear Spring** **4. Sear** **5. Trigger** **6. Trigger Hinge Pin** **7. Hammer Spring** **8. Hammer Strut** **9. Hammer Strut Washer** **10. Hammer** **11. Hammer Hinge Pin** **12. Trigger Return Spring and Trigger Return Spring Plunger** **13. Trigger Housing**





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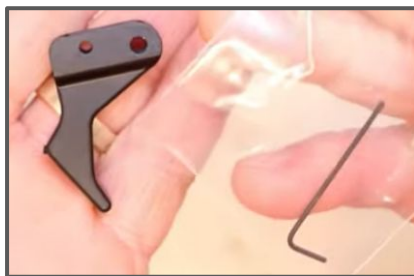
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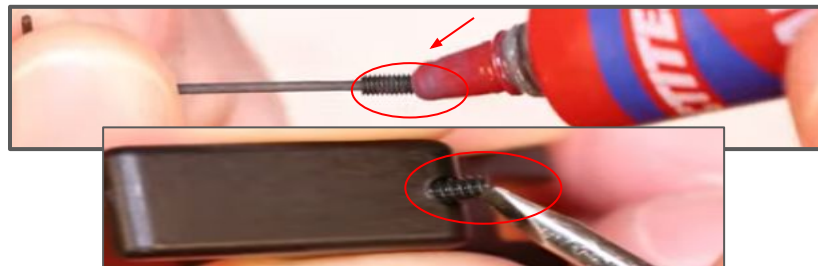
Step 21: Now get your new MCARBO Ruger PC Carbine Trigger ready to install.



Step 22: Using the Allen Key that came with the new MCARBO Trigger, remove the over travel screw located on the back of the Trigger.



Step 23: Once you remove the Overtravel Screw, put a drop of Blue 242 Loctite on it and thread it right back in. Once you screw it back in with your Allen Key, make sure that you have 5 threads showing.



Step 24: Now you can start the reassembly with the following parts: 1. Trigger Hinge Pin 2. Sear 3. Trigger 4. Sear Spring 5. Disconnecter 6. Disconnecter Pin





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Step 25: Start by installing the Sear onto the Trigger with the leg portion facing forward.



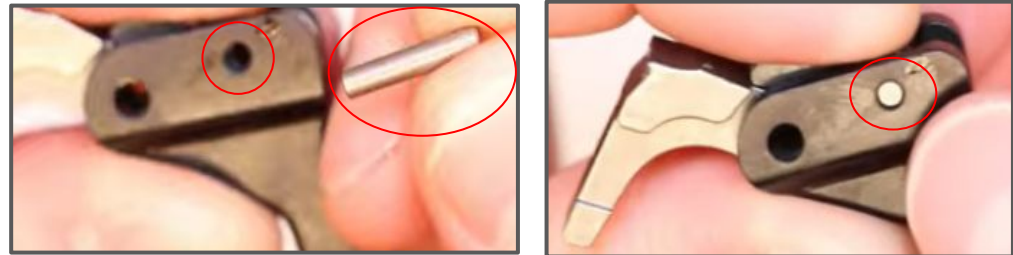
Step 26: Use some Synthetic Grease on the hole where the Sear Spring goes and then insert the Spring into the Trigger.



Step 27: Then take your Disconnecter and locate it on top of the Spring.



Step 28: Next, grab your Disconnecter Hinge Pin, lined it up with the holes and push it in from the back until you visually see it come through.





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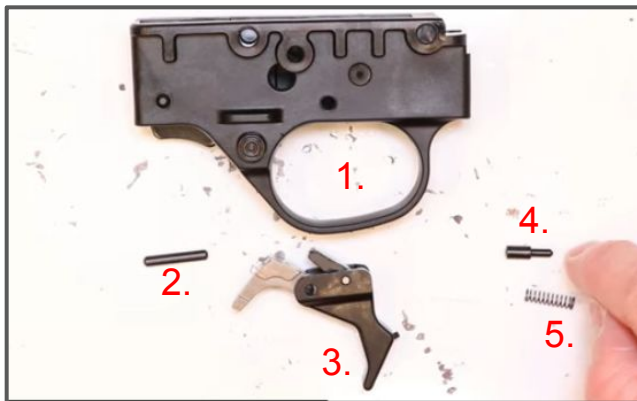
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Step 29: Now that the Trigger is back together, you're going to focus on the next part of the installation with the following components: **1.** Trigger Guard **2.** Trigger Pin **3.** Trigger **4.** Trigger Return Spring Plunger **5.** Trigger Return Spring

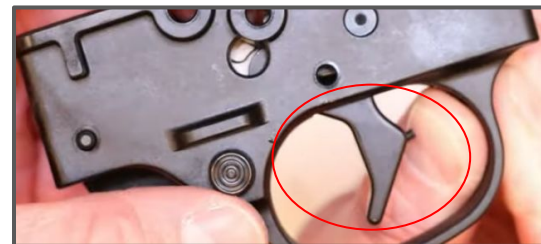
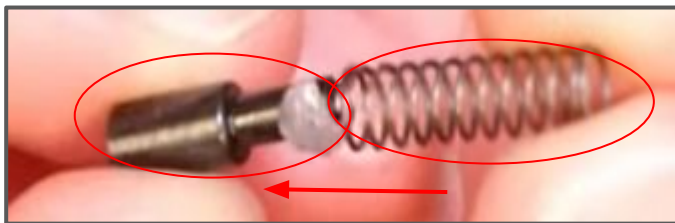


Step 31: Now place your Trigger Return Spring and Plunger into the Trigger Guard and compress it all the way down.



Step 32: Next you're going to take your Trigger and drop it into the Trigger Guard.

Step 30: Take your Trigger Return Spring Plunger put a little synthetic grease on it before you place the Trigger Return Spring on top.





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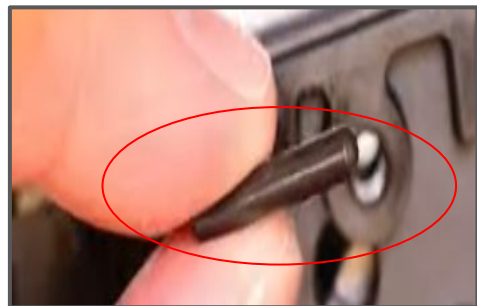
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Step 33: Now pop the Trigger Return Spring into the Trigger.



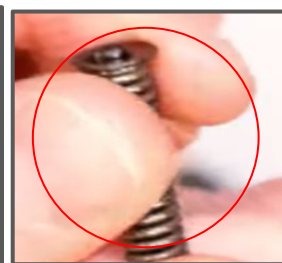
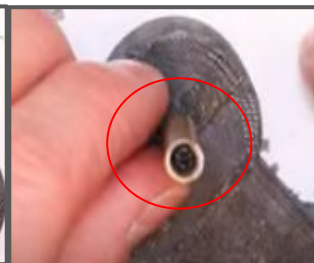
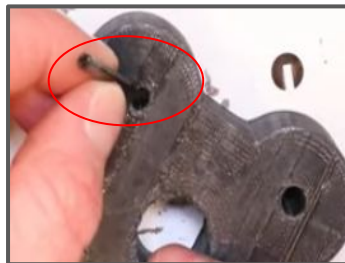
Step 34: Next take your Trigger Pin and lined it up with the hold and push it through the back.



Step 35: Now you will be left with these following components for the finale part of the installation: 1. Hammer Hinge Pin 2. Hammer 3. Hammer Strut 4. Hammer Washer and Hammer Spring



Step 36: Using your Bench Block, drop your Hammer Strut into the hole of the Bench block and place the Hammer Spring on top of the Strut and the Washer on top of the Spring by compressing it down.





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Step 37: Next you're going to drop your Hammer into the Trigger Mechanism by pushing your Hammer Hinge Pin through the holes until the Hammer is locked in place.



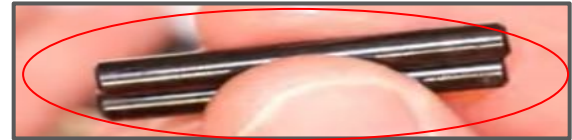
Step 38: Now grab your Hammer Strut and drop it into the Hammer, center it up and push down using your 3/32 Inch Punch.



Step 39: Now you're going to put the Trigger Assembly back into the Receiver.



Step 40: Next you're going to hold your Trigger Mechanism and the Receiver and drop your universal pins back into there.





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Step 41: Next you're going to insert your Receiver into your Buttstock.



Step 42: Now you're going to screw back in your Takedown Screws with your 5/32 Inch Allen Key.



Step 43: You're finished with the Installation, Happy Shooting!

