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

Step 2: Gather Parts and Tools Needed



- 1. Glock Gen 1 5 Trigger Spring Kit
- 1/16th Inch Punch
- 3. 3/32 Inch Puncht
- 4. 1/8th Inch Punch
- Hammer
- 6. Bench Block
- 7. Pliers
- 8. 3/32 Inch Allen Key
- 9. Medium Flat Tip Screwdriver
- Micro Tip Flat Head Screwdriver
- 11. Blue 242 Loctite
- 12. Synthetic Grease of PTFE
- 13. Paper Clip
- 14. Flashlight
- 15. Safety Glasses

Step 3: Lock the slide back. Take your microtip screwdriver and pop out the assembly pin.





Step 4: Set the assembly pin off to the side and remove your slide from the frame.







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Step 5: Now starting with the slide first, go ahead and push in that recoil spring & guide rod and pull it out of the slide.



Step 7: Remove the barrel.



Step 6: Remove those old factory recoil springs and place your guide rod to the side for now



Step 8: Next you're going to remove the firing pin.





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Step 9: Before removing the firing pin and spring, you will have to remove the set screw on top of the slide with your 3/32 inch allen key. This will allow you access to remove the firing pin and firing pin spring.



Step 10: Do not fully unscrew the set screw. Take your ½ inch punch and set it in front of that firing pin, this way you won't lose any components. You should have to back out a couple threads to get the firing pin out.





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Step 11: Once you've removed the firing pin spring and firing pin, swap the old spring out with your new M*CARBO Firing Pin Spring.



Step 12: Now you will put your firing pin and firing pin spring back into place. Make sure that set screw is lined up with that notch and the smooth side is facing you.



Step 13: Once step 12 is completed, you can put your set screw back in using a small dab of Blue 242 Loctite on those threads before hand.



Step 14: Using your 1/8 inch punch your going to press the firing pin in.

Make sure the flat recess is lined up with the top of the slide, so that set screw can locate inside of it



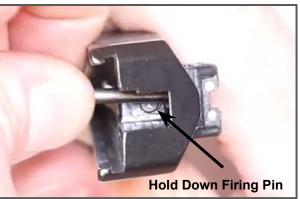


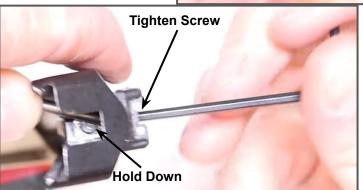
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Step 15: Using your punch, compress that firing pin all the way down and hold it in place. Simultaneously, using your 3/32 inch allen key tighten the set screw just passed flushed. Do not tighten it too tight, or the firing pin and spring will not be able to move freely as it is supposed to.





Step 16: Once the screw is in place, it's critical to do a function test to ensure that it's moving freely. Take your punch and push in on that firing pin. It should have normal leeway.







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Step 17: Now you swap out those old factory recoil springs with your new M*CARBO springs.



Step 18: Now grab your barrel and put it back into place.



Step 19: Then you can take your recoil spring and guide rod, push them forward making sure it locates on both the nose of the slide and on the lug.







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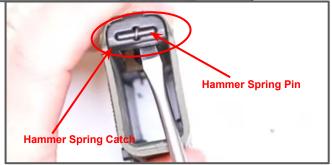


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Step 20: Once you've put your recoil spring and guide rod back into place, set it to the side. Now you can focus on the disassembly of the pistol grip frame. First your going to remove the hammer spring catch and the hammer spring pin.





Step 21: Using your flat head screwdriver, push up, then pull forward on your hammer spring catch. The hammer spring catch has to clear those two little tabs on the polymer frame in order to come off.





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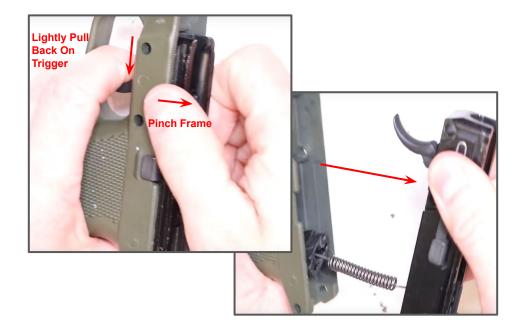


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Step 22: Leave the hammer spring catch and the hammer spring pin just like it is for now, you will come back to that. Next you're going to need your ½ inch punch, your hammer and your bench block to tap out the three frame pins.



Step 23: After you've removed those frame pins, set them to the side. Now pull back on the trigger just a hair while pulling up on the aluminum frame. Pinch the front portion of the frame while you are pulling it out to keep all that linkage together.





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Step 24: Now you will need to exchange your hammer spring out. Make note of the orientation of the spring, both loops are facing the rear of the aluminum frame. The shorter leg goes toward the hammer spring catch & the longer leg goes up on the hammer.



Step 25: Now push down on that hammer spring and remove that hammer spring pin and catch as so:













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Step 26: Next you will need to pop off the trigger bar and set it aside. Remove the trigger bar slowly so the trigger return spring doesn't fly off on you. Notice the little tab located on the trigger bar, this will locate back under the hammer.



Step 27: Now to begin removing the slide stop and spring, note that longest leg of the slide stop spring is up top for reassembly later. Using your microtip screwdriver, pop off that spring and set it aside. Then lift up and out on the slide stop. It has a leg that catches on the inside of the frame. Once you remove it, set it aside.











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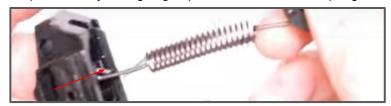


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Step 28: Next you will press out that Hammer Hinge Pin with your punch.



Step 29: Then you're going to push out the Hammer Spring.



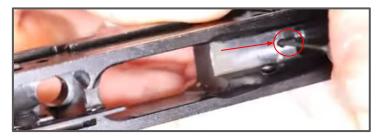


Step 30: Next you remove the Trigger Return Spring which is a matter of popping out the pin that holds that Trigger Return Spring,





Step 31: Use your Bench Block for leverage and use your 1/16 Punch to tap the Pin out.





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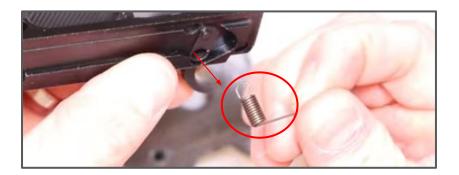


Step 32: Once you loosen the Pin, use your pliers to complete the removal of the Pin without damaging the Trigger.





Step 33: Once the Pin is removed, you should be able to pull the Trigger Return Spring right out.



Step 34: Then use you ½ punch and push out the Trigger Axis from the other side and then pull out your Trigger.



Step 35. Now you should have all of your components removed from the pistol grip frame and it's time to replace the springs and put it all back together.





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Step 36: First, remove the factory Hammer Spring from the Strike.





Step 38: Once you remove the Factory Hammer Spring, Grab your New MCARBO Hammer Spring for the install.





Step 37: Take your 3/32 Punch to press down and then use your Hammer to tap out the Hammer Spring.





Step 39: Take your MCARBO Hammer Spring and drop it right into the Strike.





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Step 40: Make sure that the loops are lined up, then take your plies and compress that pin back in.





Step 41: Now take your 3/32 and press down to make sure that everything is laying completely flush.





Step 42: Now it's time to replace the Trigger Return Spring. These are the items you're going to need.



Step 43: Insert your Trigger into the Frame and then drop the Trigger Axis in as well, it should pop right in. Make sure that the holes line up.

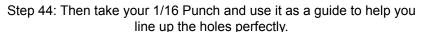




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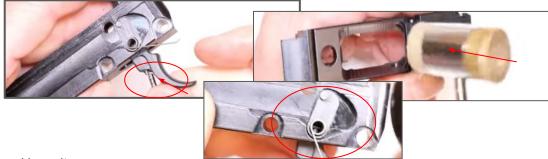


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Step 46: Next you're going to insert your Trigger Pin into the Trigger and press it in as much as you can and then use your Hammer to push it all the way in. Use your Bench Block for leverage.



Step 45. Now Take your New MCARBO Trigger Return Spring and have it locate onto the Trigger Axis. Make sure that leg is kicked forward.





Step 47: Now that all the Springs have been replaced, it's time to finish the rest of the reassembly of the Frame. These are the components you should have left.





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Step 48: Start with reinstalling the Hammer Spring by dropping it into the Frame like pictured below.



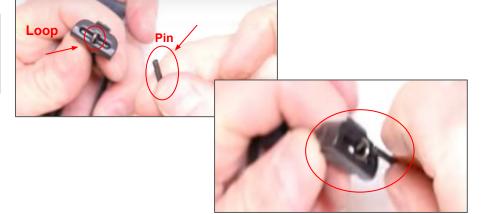
Step 49: Next, line up the Hammer Hinge Pin with the holes and drop it in the Frame.



Step 50: Now you will attach the Hammer Spring Catch to the Hammer Spring and push it until the Hammer Spring is all the way through the Catch.



Step 51: Next, you're going to insert your Hammer Spring Pin right through the loop on the Hammer Spring.





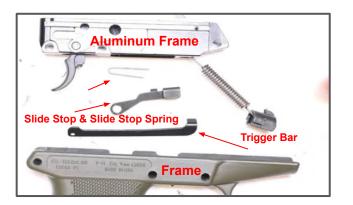
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Step 52: Compress the Hammer Spring Catch onto the Hammer Spring and make sure that it is located in place.



Step 53: Next you finish reassembling the remainder of the Firearm.



Step 54: Before you put the Aluminum Frame onto the Frame, insert the Slide Stop onto the Slide. Make sure that it locates on the hole.





Step 55: Next, insert your Slide Stop Spring and remember that the longer leg goes on top. Compress it on the Aluminum Frame until it locates in place. You may need to use your Punch to press it all the





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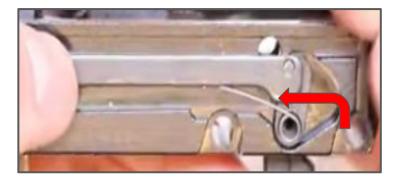


Step 56: Now you're going to take your Trigger Bar and drop it right into that channel.





Step 57: Next, take your Trigger Return Spring and wind it back until in locates where the Trigger Bar is.



Step 58: Then you will drop the Aluminum Frame into the Pistol Grip Frame, Hammer Spring Catch first.



Step 59: Now rotate the Aluminum Frame and compress it onto the Pistol Grip Frame.

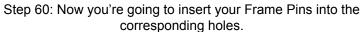




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Step 61: Use your Hammer to push the Pins all the way into the Frame.



Step 62: Once you got the Pins in the Frame, you're going to set the Spring Tension on the Hammer. Pull up on the Hammer Spring Catch all the way and you want to clear the two little tabs.





Step 63: Now you're going to slide your Slide onto the Frame.





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Step 64: Push back a hair until the Slide is flush at the back of the Frame.



Step 65: Pull back on the Slide Lock and then insert the Assembly Pin.



Step 66: You're done with the Installation. Happy Shooting!

