



M*CARBO HK VP9/ VP9SK/ VP40 Trigger Spring Kit



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You must be 18 yrs of age to purchase. We advise that all parts purchased from our inventory be installed and inspected by a qualified gunsmith. Modifying your weapon may be prohibited in your state. Do not modify your sear or hammer engagement surfaces. Before installing please be sure to check all local state and federal laws. By installing this part you agree to take full responsibility for any and all legal, health and warranty consequences that may be incurred.

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



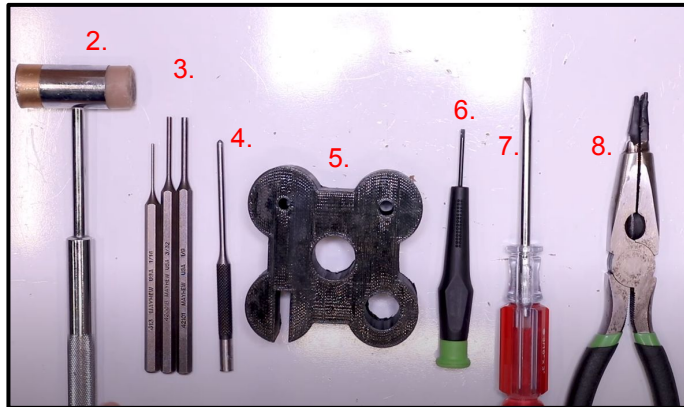
1. HK VP9 Trigger Spring Kit
2. Hammer
3. 1/16" 3/32" and 1/8" Punches
4. 1/8" Roll Pin Punch
5. Bench Block
6. Micro-Tip Flathead Screwdriver
7. Regular Flathead Screwdriver
8. Needle-Nose Pliers
9. **Eye Protection**

Step 3: We'll start with a Field Strip. First lock back your Slide.



Step 2: Gather parts and tools needed for Installation.

Step 4: Rotate the Takedown Lever Down.





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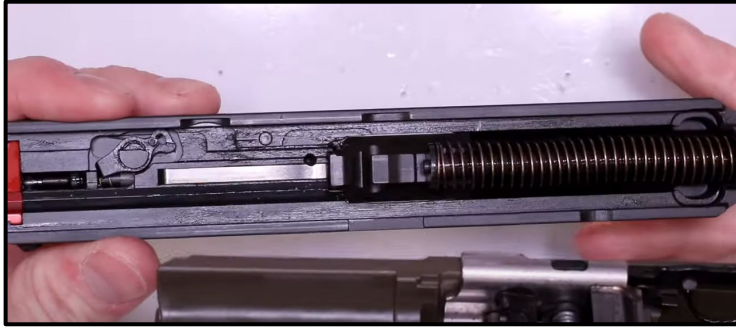


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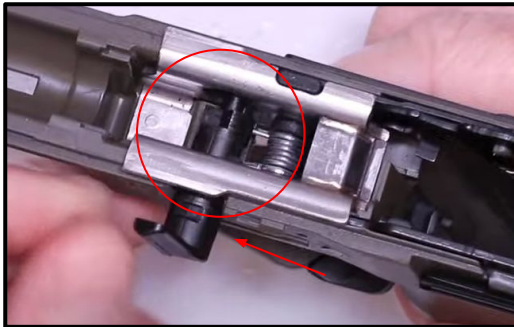
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Step 5: Release the Slide Stop and Remove the Slide.



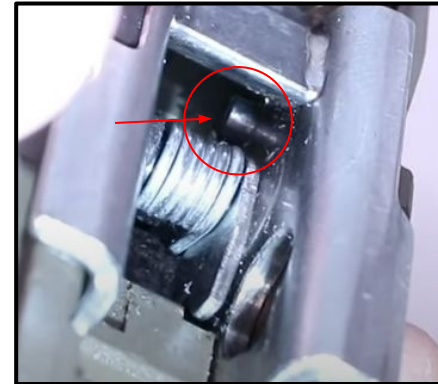
Step 6: Pull back on the Trigger, then Rotate and pull out the Takedown Lever.



Step 7: Set your Frame on your Bench Block and use your Roll Pin Punch and Hammer to tap out the Front Takedown Pin.



Step 8: Locate the small Pin Nub near the Trigger Return Spring.





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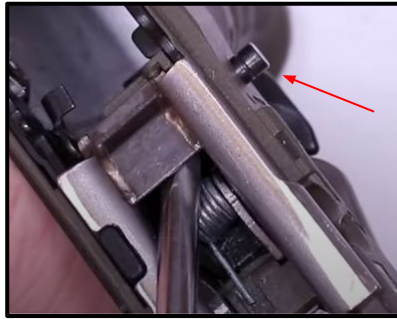


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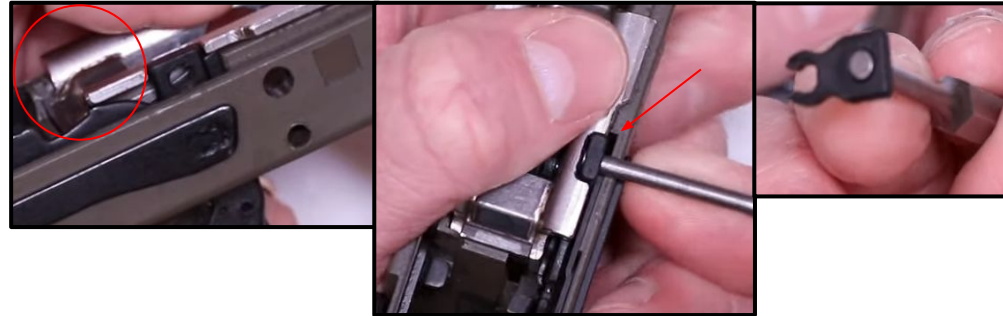
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Step 9: Use your Flathead to push out the nub. This may take some time if this is your first time disassembling your firearm.



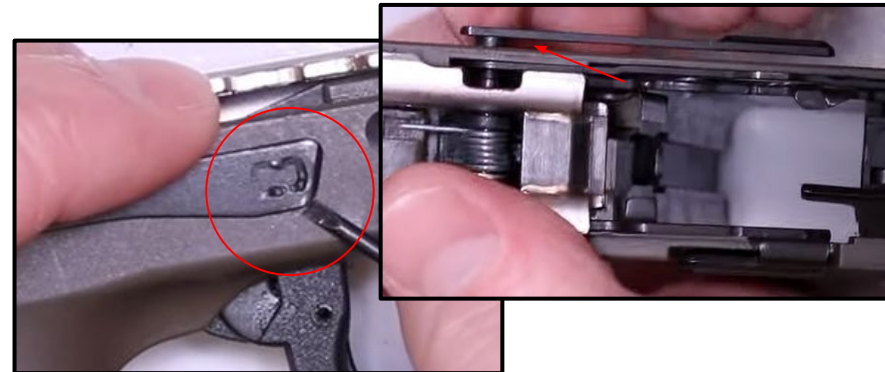
Step 11: On the right hand side of the Firearm, use your 1/8" Punch to Pop out the Safety Clip.



Step 10: Remove the Pin using your Needle-Nose Pliers.



Step 12: Use your Micro-Tip to create a small gap by your Slide Stop.





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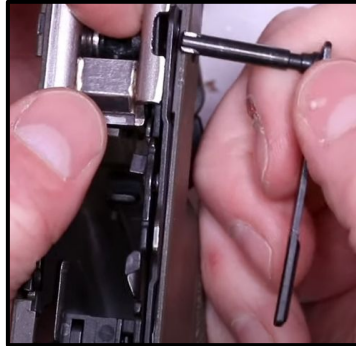
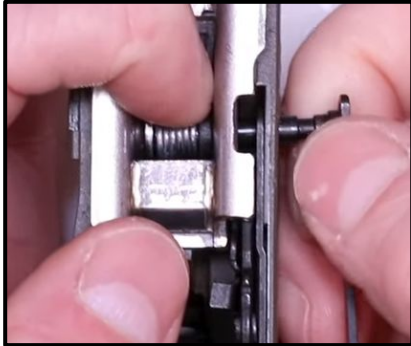


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Step 13: Keep your finger over the Spring so it doesn't fly out. Slowly wiggle out the Slide Stop.



Step 15: Pull the Locking Block Up and Out of the Frame. The Trigger Return Spring should fall out as well.



Step 14: Pull the Disconnecter up and out of the Right Side of the Frame.



Step 16: Remove the small Slide Stop Spring.





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Step 17: Pull out your Left Side Slide Stop.



Step 19: Open your M*CARBO HK VP9/VP9SK/VP40 Trigger Spring Kit.



Step 18: Maneuver the Trigger Assembly up and out of the Frame.



Step 20: Place all of your parts safely aside for now.





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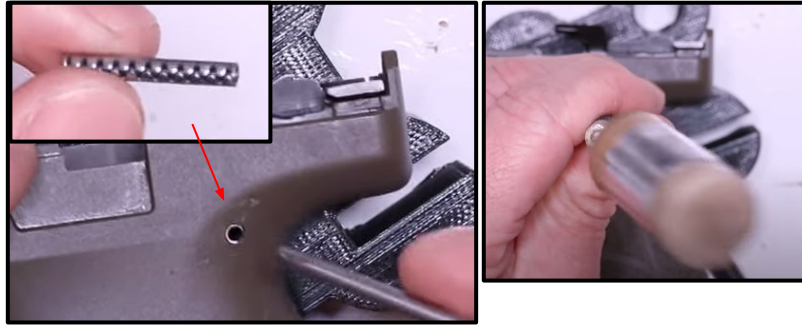


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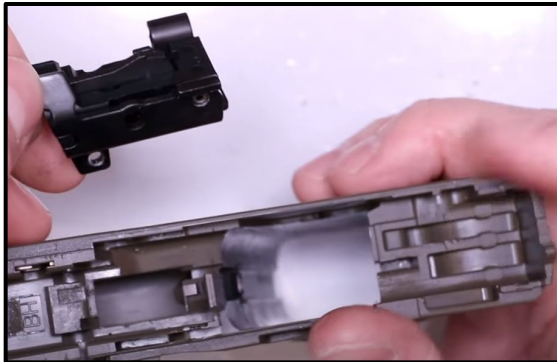
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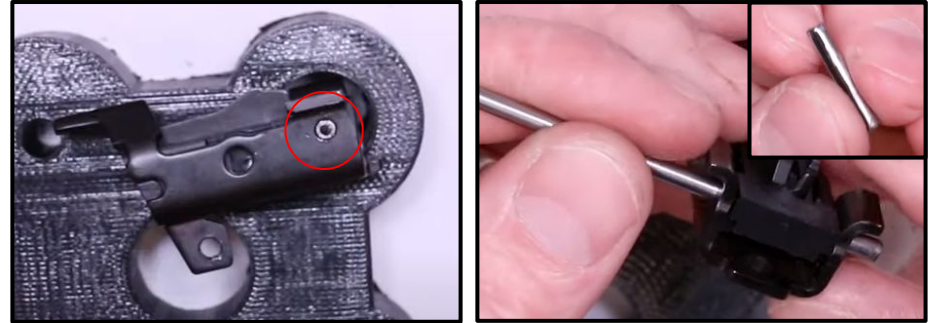
Step 21: Set your Frame on your Bench Block again. Use your 1/8" Roll Pin Punch and Hammer to Tap out the Takedown Pin.



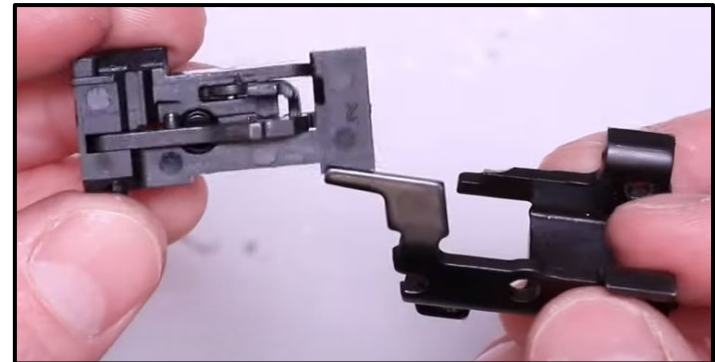
Step 22: Push up and Pull forward on the Sear to remove it.



Step 23: Set your Sear on your Bench Block and Tap out the Sear Pin with your Roll Pin Punch and Hammer.



Step 24: Separate your Sear.





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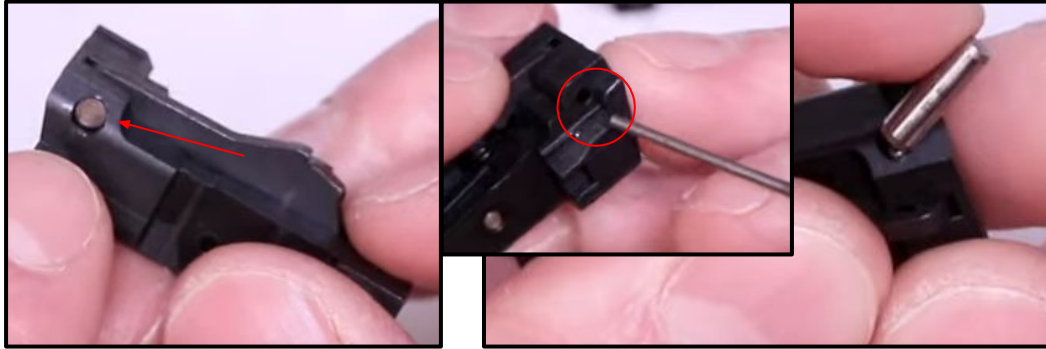


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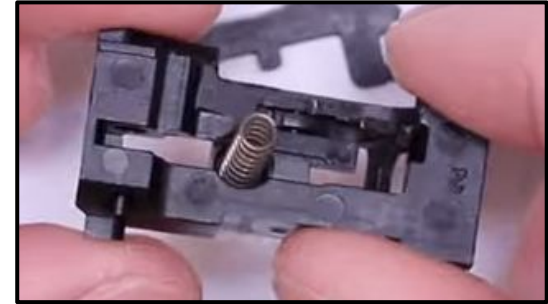
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Step 25: Use your 1/16" Punch to Push out the Sear Pin from the Opposite Side.



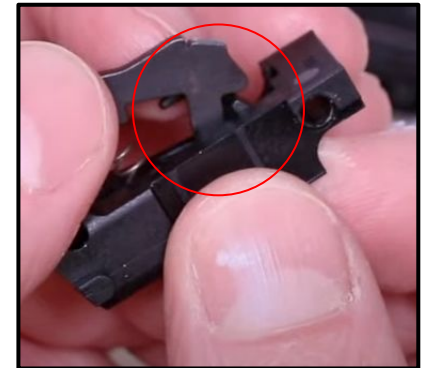
Step 27: Drop the new M*CARBO Sear Spring into the small Spring Pocket.



Step 26: Slowly Remove your Punch. Remove the Top Piece to reveal the Sear Spring.



Step 28: Align the Top Linkage so it hooks on the Piece below.





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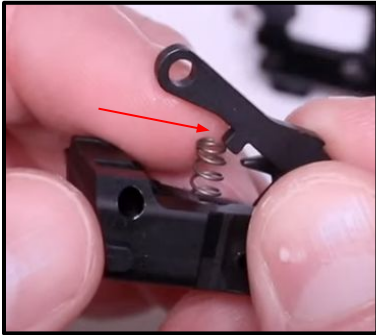


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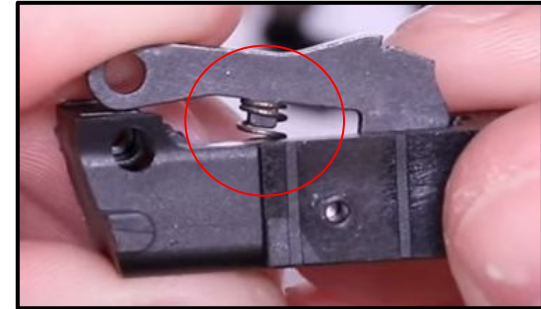
Step 29: Line up the small Divot on the Linkage into the Sear Spring.



Step 30: Keeping everything Compressed, check the underside of the Sear to make sure the Linkage is captured.



Step 31: If necessary, use your Micro-Tip to Guide the Spring Coils so they touch the Linkage.



Step 32: Compress the Assembly. Grab the Small Solid Pin and Insert it through the hole shown.





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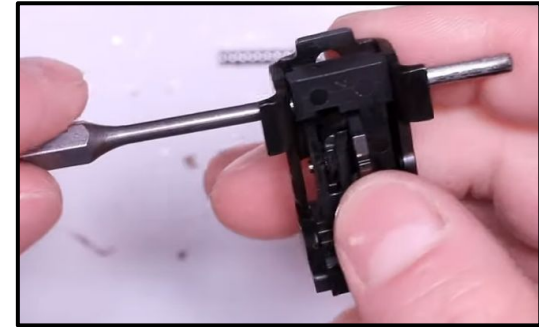
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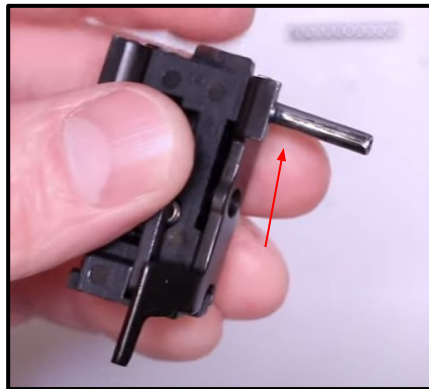
Step 33: Slide each part of the Sear Assembly back together. Be sure to line up the tabs on the side.

Step 35: Guide your 1/8" Punch through the other side to make sure everything is lined up.



Step 34: Grab the Hollow Roll Pin. Get it started by hand.

Step 36: Tap the Pin with your Hammer to start Guiding it through. Don't tap it too far in just yet.





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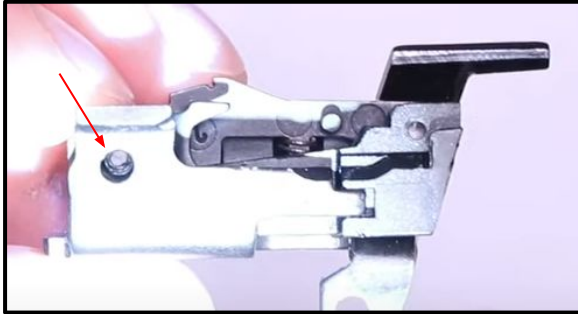


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Step 37: If you have a flashlight handy, remove the Punch for a moment and check your alignment.



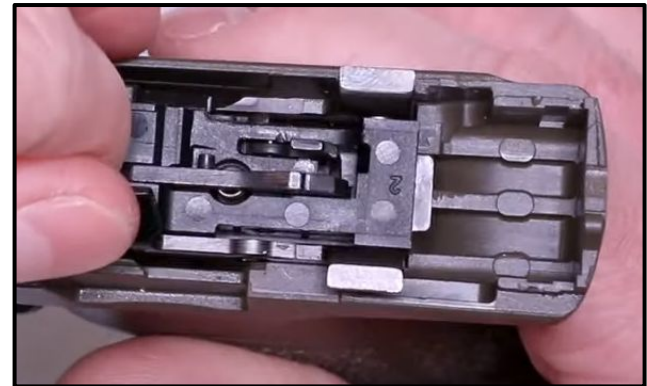
Step 39: Check the function by making sure the Sear moves up and down freely and everything is captured in place.



Step 38: Once the Pin is lined up, Tap it the rest of the way in on your Bench Block. Use your Roll Pin Punch to make the Pin even on both sides.



Step 40: Slide the Sear Assembly back into the Frame.





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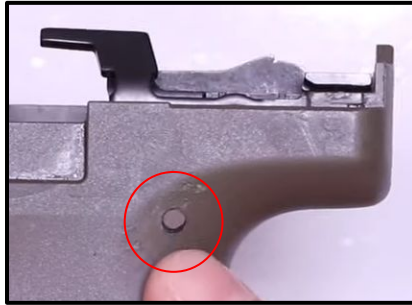


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Step 41: Make sure you can see straight through the hole on the frame and the on the Sear.



Step 42: Get the Pin started by hand and give it a few taps with your Hammer. Then check your alignment from the other side.



Step 43: Finish Tapping in the Pin. Use your Roll Pin Punch to even it up.



Step 44: Grab the parts you put to the side earlier.





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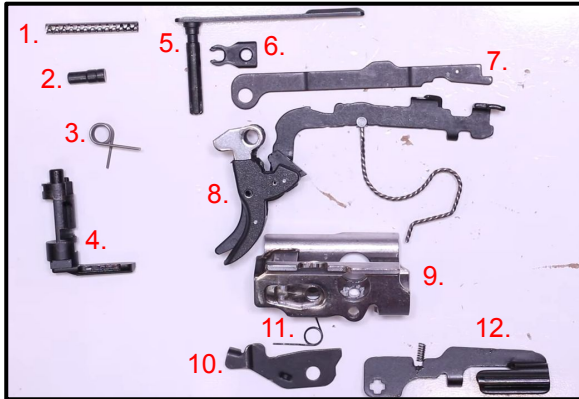


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Step 45: Familiarize yourself with the Remaining Parts.

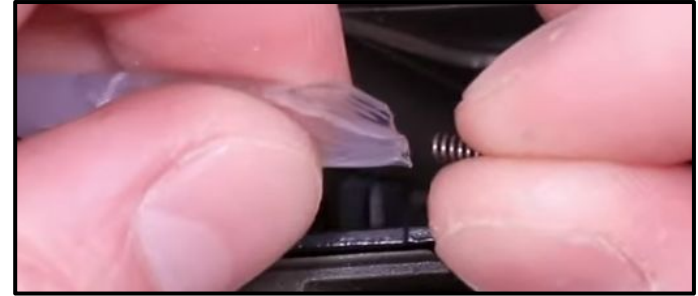


1. Frame Pin
2. Locking Block Pin
3. Trigger Return Spring
4. Takedown Lever
5. Right-Side Slide Stop
6. Safety Clip
7. Disconnecter
8. Trigger/Trigger Bar
9. Locking Block
10. Dismount Safety
11. Dismount Safety Spring
12. Left-Side Slide Stop/Slide Stop Spring

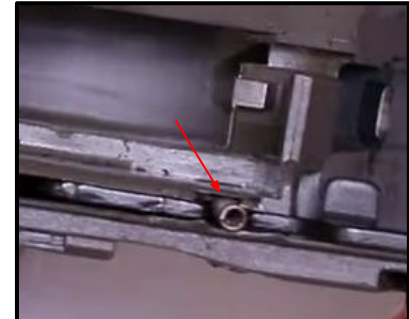
Step 46: Line up the Left-Side Slide Stop with the pocket in the Frame and Push it into place.



Step 47: If you have, put some Synthetic Grease (PTFE) on the end of the Slide Stop Spring to help it stay in place.



Step 48: Drop the Spring into the Small Pocket on the Slide Stop.





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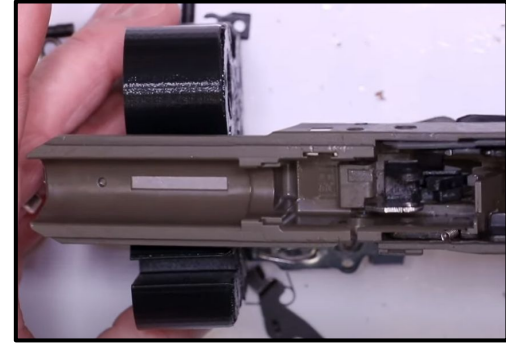
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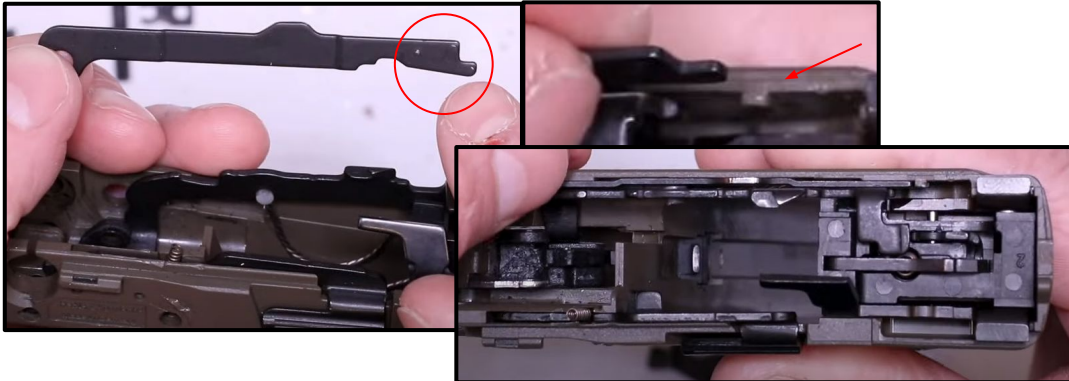
Step 49: Drop your Trigger Assembly in Trigger Frist. Guide the Long Spring into the Pocket on the Frame.



Step 51: Set your Bench Block Upright and use it to rest your Firearm.



Step 50: Grab your Disconnecter. Drop it in on the Right Side of the Trigger Bar. Make sure the Step on the Disconnecter clears the Small Polymer Nub.



Step 52: Grab your Locking Block and Dismount Safety Spring. Get both legs Captured (Short Leg on top) in the Groove on the Locking Block. (Keep it held in place)





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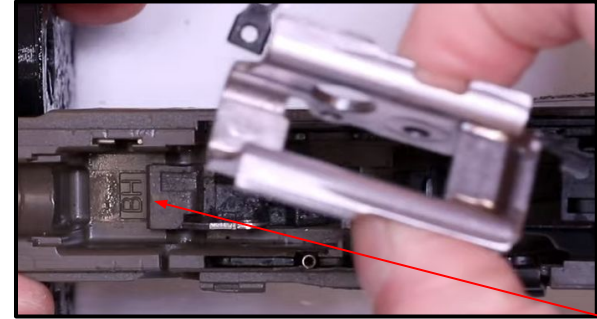
Step 53: Slide the Dismount Safety on top of the Spring and hold it in place. Try and get the Small Divot to Capture.



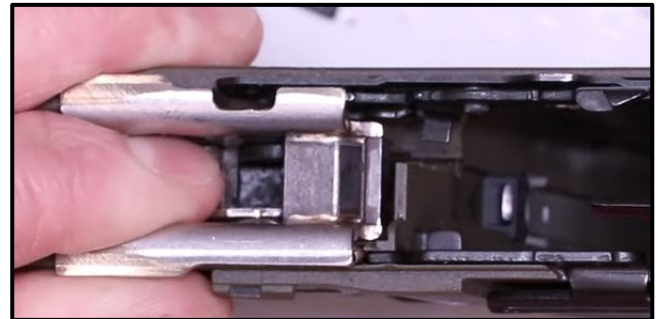
Step 54: To make sure it's Captured, Insert a Punch through the open hole on the Dismount Safety. Then move the Dismount Safety to make sure it is under tension.



Step 55: Keep everything compressed as you remove the punch. Set your frame up on your Upright Bench Block.



Step 56: Drop the front portion of the Locking Block over the "BH" text on the Frame. Make sure the Big Hole on the Block lines up with the hole on the Frame. Compress the rest of it in so it fits snug in the frame.





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Step 57: Grab the Locking Block Pin. Insert it into the small hole on the Frame near the Locking Block.



Step 59: Insert the remaining Frame Pin in the hole above the Trigger.



Step 58: Make sure the Pin is Flush. Give it a few taps with your Hammer if needed.



Step 60: Set up your Bench Block and Tap in the Pin. Periodically check the other side to make sure everything is lined up.





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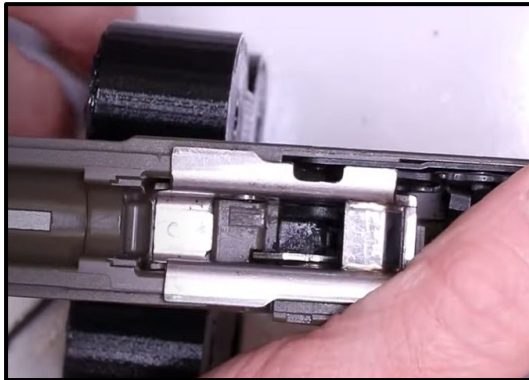
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Step 61: Use your Roll Pin Punch to finish driving in the Frame Pin and even it up.



Step 62: Set your Bench Block upright again and rest your Frame.



Step 63: Grab your Needle Nose Pliers. If you have available, wrap the ends of the pliers with Electrical Tape, Sticky side facing up.



Step 64: Grab the Short Leg Side of the Trigger Return Spring with your Needle Nose Pliers.





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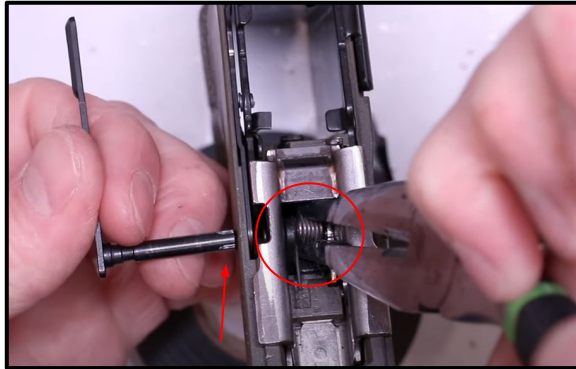


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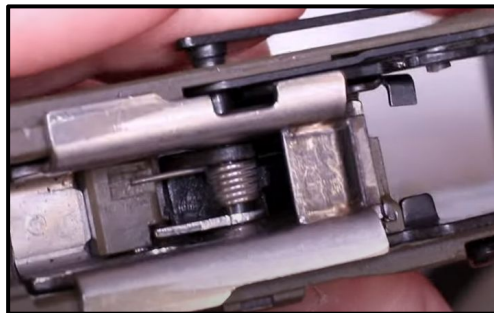
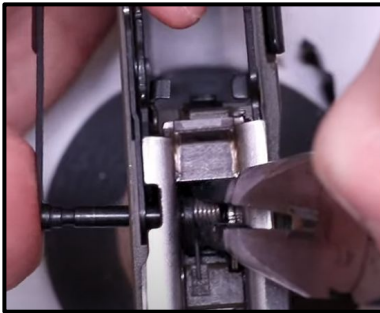
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Step 65: Insert the Spring into the Locking Block and hold it in place. Then get your Slide Stop lined up with the Spring Coil and Disconnecter.



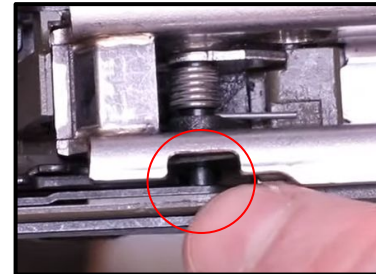
Step 66: Push the Mag Release through the Trigger Return Spring to Capture it in place.



Step 67: Wiggle the Mag Release into place so it is Flat.



Step 68: Insert the Safety Clip onto the Smooth Portion of the Slide Stop. It can be inserted any direction.





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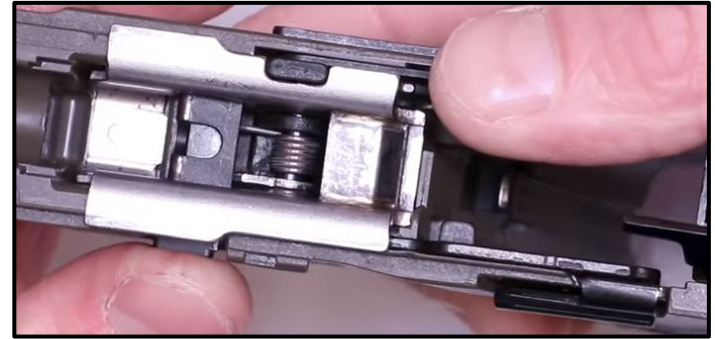
Step 69: Before Inserting your Takedown Lever, Make sure to Position your Hand so you have one Finger on the Trigger and your thumb pushing down on the Disconnecter so nothing falls out of place.



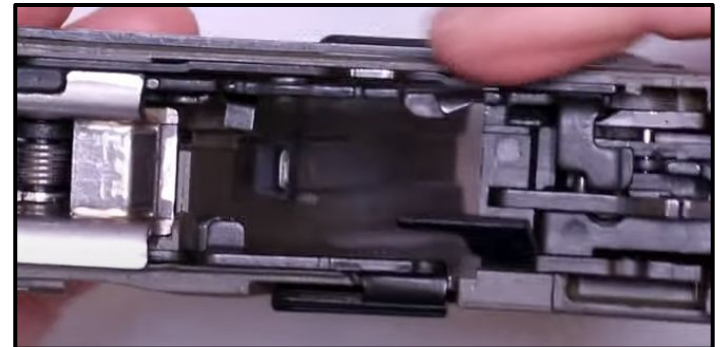
Step 70: Insert the Takedown Lever through the Large Hole. Position it so the Lever is Facing Down.



Step 71: Release the Trigger and the Lever should Snap into Place.



Step 72: Make sure your Trigger Bar and Disconnecter are still in the Right Place.





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Step 73: Make sure your Takedown Lever is pointing down, Then Line up your Slide and push it all the way back. Lock it into Position.



Step 75: Perform a Function Check. Pull the Trigger, Hold it down, Cock your Slide, and Listen for the Reset.



Step 74: Flip your Takedown Lever back and Release the Slide.



Step 76: You're good to go! Happy Shooting!

