



M*CARBO Ruger 77/22| 77/17| 77/357| 77/44 Trigger Spring Kit



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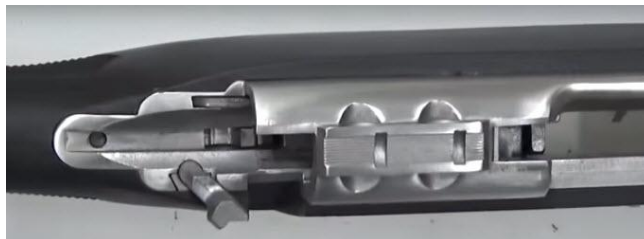
You must be 18 yrs of age to purchase. We advise that all parts purchased from our inventory be installed and inspected by a qualified gunsmith. Modifying your weapon may be prohibited in your state. Do not modify your sear or hammer engagement surfaces. Before installing please be sure to check all 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 - Remove the magazine, check the chamber, bolt face and magazine well.



Step 3: First remove the bolt. Unlock the bolt and slide it all the way to the rear. Press the bolt stop on the side. Slide the bolt all the way out. Set aside.



Step 5: Remove the trigger guard by pulling up and forward. Set Aside.



Step 2: Gather Parts and tools needed.



Step 4: Turn the firearm upright and remove the two take down screws. Begin by removing the front takedown screw(Black and short). Now remove the second takedown screw(silver and long). Press down on the trigger guard while unscrewing this screw to relieve tension.



Step 6: Now remove the stock from the barrel and receiver group. Pull up on the stock and push down on the receiver group to help with removal.



1. 3/32" Punch
2. Synthetic grease w/PTFE
3. Flat head screwdriver
4. hammer
5. Block of wood with a hole in it
6. Eye Protection



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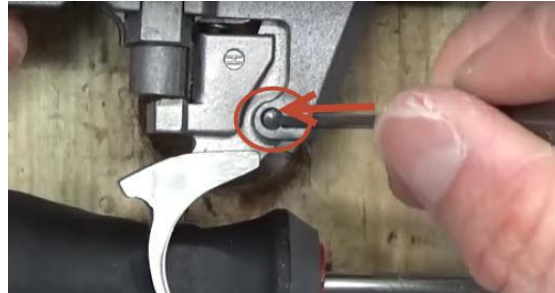
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Step 7: Now it is time to focus on the trigger assembly.



Step 9: Take the 3/32" punch and push the Hinge Pin through to the other side.



Step 8: Tap out the Trigger Hinge Pin by positioning the assembly on the block of wood with the hole in it. Set the trigger on the screwdriver handle.



Step 10: Slowly remove the punch and the trigger can now be removed.



Step 11: Replace the factory spring with the new M*Carbo spring. The spring will fit over the dimple in the trigger.



Step 12: Clean up the sear engagement surface if there is any residue by wiping it off with a towel/rag.





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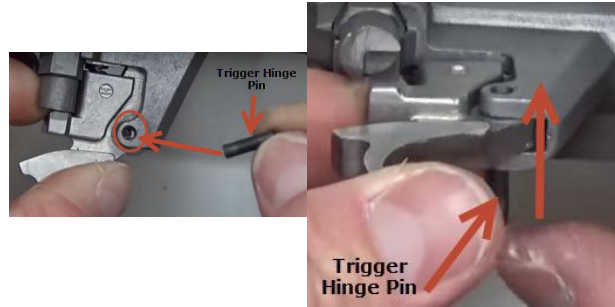
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Step 13: Take the synthetic grease with PTFE and place some on the sear engagement surface, Trigger Pin holes on each side of the trigger.



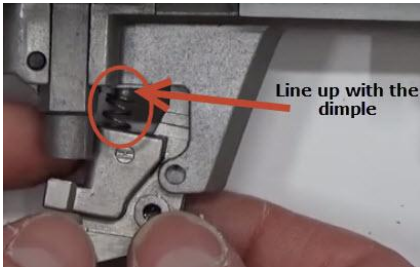
Step 15: Reinsert the Trigger Hinge Pin by going through the underside of the trigger.



Step 17: Trigger Hinge Pin will look like this when pushed through.



Step 14: Reinsert the trigger into the assembly. Making sure to line up the spring with the dimples on the assembly and the trigger.



Step 16: Line up the holes. Use the block of wood, push down on the Hinge Pin to insert through the hinge pin hole.



Step 18: Line up the stock and replace. Make sure the Lug on the receiver is lined up.





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Step 19: Reinsert the Trigger Guard. Pushing down so you can insert the back take down screw

Step 21: Reinsert the front take down screw (short and black) by using the flat head screwdriver.

Step 23: Rotate the Breech Block to move the Cocking Piece from the divet. It will sit on the smooth portion now.



Step 20: Screw in the back take down screw in place using the flat head screwdriver. This screw is long and silver.

Step 22: Now to make an adjustment to the bolt and remove any excess play in the bolt.

Step 24: This will align the holes in the bolt handle to show the Pin. The Pin will show through on both sides of the holes. A squared head on one side and a circular head on the other side.





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Step 25: Using the Punch on the Circular side of the Pin, push the Pin through. Remove Pin.



Step 27: Now take the Synthetic Grease with PTFE and use it on the Breech Block.



Step 29: Line up the firing pin with the hole in the Breech Block.



Step 26: Now separate the Bolt. Now is a good time to inspect the tip of the Firing Pin.



Step 28: Add on the .002" Shims to the Bolt Breech were you placed the Synthetic Grease.



Step 30: Slide the two parts back together, making sure to align the holes in the Breech Block and the Bolt Handle.





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Step 31: After aligning the holes, reinsert the Breech Block Retaining Pin. Insert the pin into the squared end of the hole. The squared side of the pin will sit flush.



Step 33: Make sure you have moved the Cocking Piece into the divet. The picture shows the cocking piece next to the divet. Punch is pointing to the divet.



Step 35: Now we are ready to put the Firearm back together.



Step 32: Take your punch and push the Pin into place. The Breech Block and Bolt Handle should rotate freely.



Step 34: Turn the Breech Block to move the Cocking Piece into the divet.



Step 36: Reinsert the Bolt. And lock it. It should function smoothly. There should be no stiffness.





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Step 31: Now lets do a functions test.
Place it on Safe and pull the trigger.
Nothing! Good!



Step 33: Now place on Fire and Pull the trigger.
Fires. Now measure your trigger pull.



Step 32: Place it on Bolt Lock. Pull up on the Bolt.
Nothing! Good! Pull the Trigger,
Nothing!

