



M*CARBO Mossberg SA-20/SA-28 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 2: Gather Parts and Tools Needed



1. Hammer
2. Synthetic grease w/PTFE
3. 1/16" Punch
4. 1/8" Punch
5. Block of wood with a hole in it
6. Eye Protection

Step 3: Ensure your hammer is locked back, go ahead and charge the bolt.



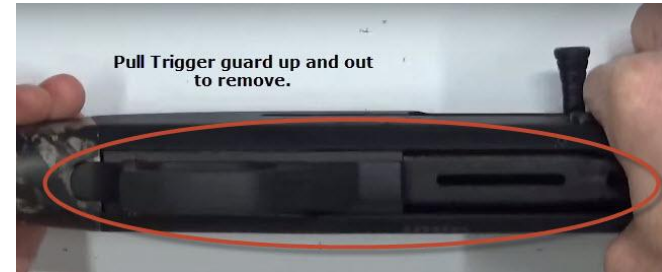
Step 4: Position your take down pin over the block of wood with the hole, make sure the take down pin is over the hole.



Step 5: Tap out the take down pin using your hammer and 1/8" punch. And set aside.



Step 6: Turn the firearm up right with the trigger guard up. Pull up and out on the trigger guard to remove.





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Step 7: Now we will focus on the trigger assembly. Position your trigger hinge pin over the hole in the block of wood.



Step 8: Using the 1/16" punch push out the trigger hinge pin. May use hammer to tap through.



Step 9: The sear is under tension, place your finger on top of the sear before removing.



Step 10: Remove the Sear.



Step 11: Remove the Trigger Return Spring.



Step 12: Before installing the M*Carbo Trigger Return Spring, add synthetic grease with PTFE onto the spring bottom.





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Step 13: Drop the Trigger Return Spring in the recess on the trigger.



Step 15: Make sure the spring lines up to the flat area inside the assembly.



Step 17: Align the large hole by placing the 1/8" punch in the hole.



Step 14: Take the Trigger and return it back into the assembly.



Step 16: The spring is resting on the flat space inside the assembly.



Step 18: Now insert the Trigger Hinge Pin back into place with the punch in place to help alignment.





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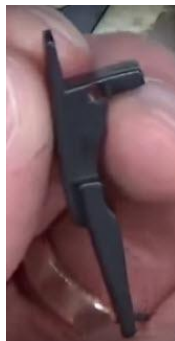
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Step 19: Remove the 1/8" punch from the assembly.



Step 20: Putting it back together. First locate the top portion of the trigger linkage and the spring.



Step 22: After inserting the spring, place the top portion of the trigger assembly. Line up and drop into place.



Step 19: Take the smaller, 1/16" punch and press the trigger pin a little further in. Making sure it is balanced.



Step 21: Insert the spring into the hole towards the end of the trigger assembly.



Step 23: After placing the top portion onto the trigger assembly, it should look like this.





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Step 24: Now line up the holes for the hinge pin to be reinserted.



Step 25: Now look at the entire trigger assembly. Make sure all the pins are inserted correctly and everything is in place.



Step 26: Make sure all parts are functioning. Test the safety function as well.



Step 27: Add synthetic grease to the tip of the hammer.



Step 28: Now turn your shotgun up right.



Step 29: Insert the trigger guard and make sure the hammer is locked back.





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Step 30: Make sure trigger guard is lined up and flush.



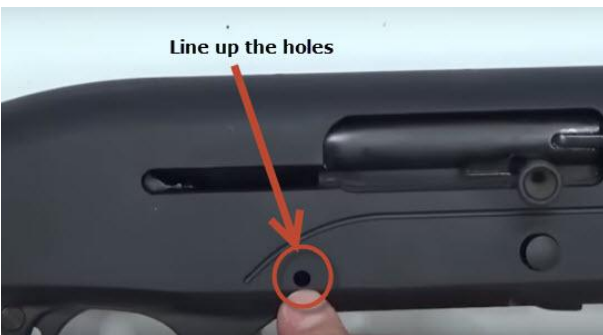
Step 26: Re-insert the take down pin in the aligned hole. Give it a tap with the hammer.



Step 28: Time for a function check. Place on safe. Pull the trigger. Nothing. Good.



Step 25: Turn the stock on its side and line up holes on the side of the housing.



Step 27: Now your shotgun is back together.



Step 29: Place on fire and Pull the trigger. Nice!

