



# M\*CARBO TC Dimension/ TC Venture 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 - (Dimension)**  
Remove the magazine. Check the Chamber, the magazine well, and Check the bolt face.



**Step 1: Clear your Firearm - (Venture)**  
Remove the magazine. Check the Chamber, the magazine well, and Check the bolt face.



**Step 2: Parts and Tools needed for this:**



1. TC Dimension/ TC Venture Trigger Spring Kit
2. 1/16" Punch
3. 1/8" Punch
4. Fine tip flat head screwdriver
5. Standard tip flat head screwdriver
6. Hammer
7. 3/16" Allen Key
8. Bench Block
9. Eye Protection

**Step 3: Disassemble the TC Venture by first opening the bolt, slide it all the way to the rear. Hit the bolt release and slide the bolt all the way out.**





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Step 4: Turn Firearm upright;remove front and rear takedown screw



Step 6:Remove trigger assembly from the receiver



Step 8:Remove all 3 hinge pins



Step 5:Separate stock from barrel and receiver group



Step 7: Take out trigger assembly plate screws



Step 9: Pull out the trigger safety lever





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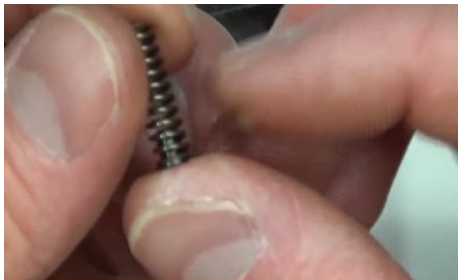
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Step 10: Turn over and let detent and spring slowly fall into hand



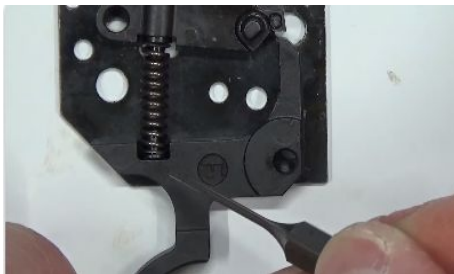
Step 12: Pull insert out of factory spring, put in new M\*CARBO spring



Step 14: Drop the other assembly piece on top. Make sure everything is lined up before you start dropping screws



Step 11: Wiggle trigger assembly loose



Step 13: Drop M\*CARBO spring into assembly. Make sure notch is located inside cutout in the plate



Step 15: Drop in the two plate screws





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Step 16: Screw the plate screws in



Step 18: Attach C-Clip on otherside



Step 19: Line up trigger safety linkage



Step 17: Drop trigger hinge pin (fat head, short length) first



Step 20: Drop longer pin in, attach C-Clip on otherside



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Step 21: Take detent and detent spring and drop it in the hole



Step 23: Align your level as pictured above



Step 25: Insert trigger assembly back to receiver



Step 22: Drop your level in the hole



Step 24: Attach e-clip to other side



Step 26: Insert take-down pins



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Step 27: Add the stock and take down screws



Step 28: Insert bolt



Step 29: Perform a function check