



SW22 Victory Trigger Installation Instructions

V1.0 www.tandemkross.com

For more info or support contact

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Attention:

Before you begin, be certain that the firearm is clear and safe.

It is recommended to wear safety glasses as some parts are under spring tension.

You will either need two small punches, allen wrenches, or small drill bits in order to install this part.

Before installing the trigger into the gun, install the included M3x4 and M3x8 (nylon tip) set screws into the trigger. This must be done before putting the trigger in the gun. The pre-travel set screw is easiest to install from the top with the hex opening in the set screw facing toward the face of the trigger. You will need to make sure that it is threaded almost completely into the hole to get the trigger to fit into the frame. For the post travel screw, the one with the nylon tip, thread it into the bottom hole with the hex opening on the same side as face of the trigger. Finally install the 2-56 set screw into the top of the trigger to capture the disconnect bar to the trigger.

1. Remove the Barrel from the receiver following the Smith and Wesson Instructions.



2. Remove the RIGHT Grip panel first. Take care to not lose the magazine release and spring which is located under this grip panel. Remove the magazine release and spring and set it aside.



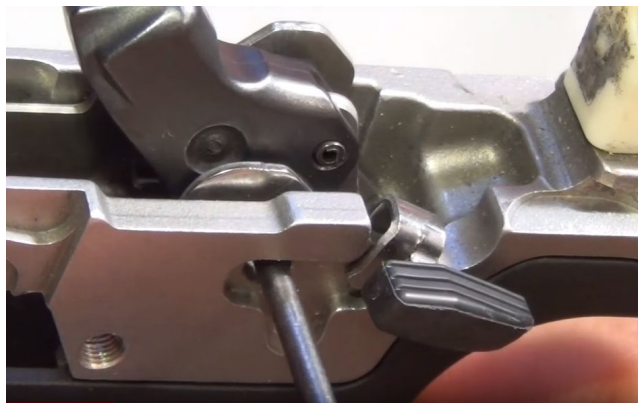
3. Remove the LEFT grip panel. Take care to not lose the bolt stop located at the top of the grip. This comes out easily, but is also easily re-installed. Set the bolt stop aside.



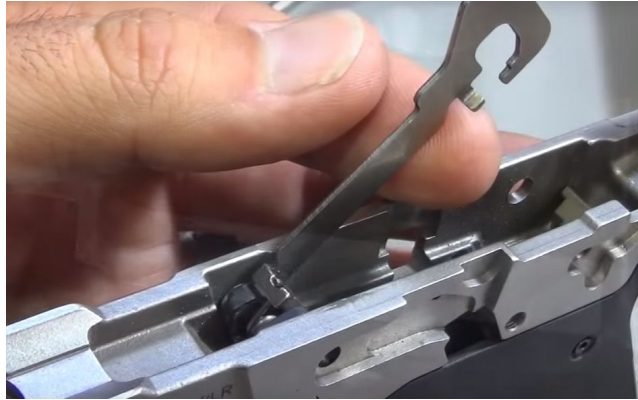
4. Make sure that the hammer is not cocked. If you still have the magazine disconnect installed you may need to insert an empty magazine into the grip to be able to pull the trigger to release the hammer.



5. With the hammer in the uncocked position remove the retaining clip that holds the hammer pin in place. Using a pick or similar small tool will help removing the retaining clip. The pin will push out from LEFT to RIGHT and will allow for the safety and hammer to come out of the gun.



- Lift up on the trigger disconnect bar. You may have to rotate the sear forward toward the front of the gun to get the disconnect bar to come free of the sear.



- With the disconnect bar lifted up, press the trigger pin out from LEFT to RIGHT and it will slide out easily. Lift the trigger, trigger spring and trigger disconnect bar out of the top of the gun. Set the trigger and trigger spring aside. You will need the trigger pin later.



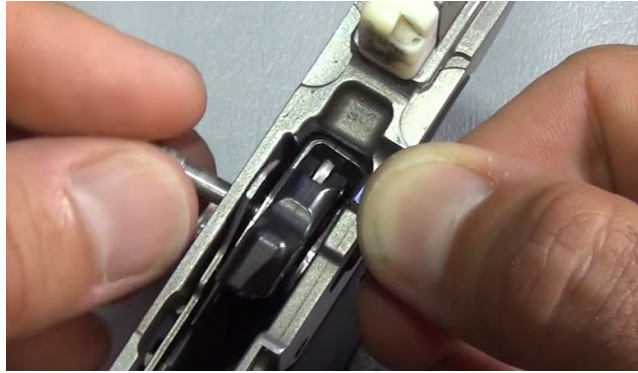
- Begin reinstalling the trigger disconnect bar over the top of the sear. Rotate the sear toward the front of the gun, and hook the opening in the trigger disconnect bar over the sear.



- With the sear rotated forward, insert the safety and then the hammer back into the gun. The tail of the hammer must drop into the pocket behind the sear toward the rear of the gun. The hammer is easiest to install with it rotated slightly toward the front of the gun pressing it down onto the sear. Align the holes and insert the pin from the RIGHT to LEFT



capturing the Safety first and then the hammer and finally the left side of the gun. Reinstall the pin retaining clip



10. If you choose to use the Pre Travel and Overtravel adjustment screws with the TANDEMKROSS victory trigger install them into the trigger before attempting to install the trigger into the gun. The small set screw goes in the top hole and the long screw with nylon tip goes in the bottom hole.



11. Insert the TANDEMKROSS trigger into the frame of the gun up through the trigger guard. It goes in easily from the LEFT side. Rotate the trigger so that the trigger disconnect bar slides over the top of the trigger and into the slot in the top.



12. Insert the plunger and spring into the top of the trigger under the trigger disconnect bar. Pressing the trigger toward the front of the gun once the plunger is installed will prevent it from coming loose. ***If you are experiencing difficulties installing the plunger and spring, use masking tape to keep the plunger and spring depressed inside the trigger.***



13. Install the trigger pin from RIGHT to LEFT. Insert the trigger pin up to the cutout on the LEFT side of the trigger.



14. Slide the included bushing down the LEFT side of the trigger and over the hole for the trigger pin. Finish pushing the trigger pin through the bushing.



15. Some minimal left to right movement may be found in the trigger. If it is excessive a thicker bushing can be used to help minimize the side to side movement. The cutout in the trigger is .050" deep so a bushing or washer this thickness will help.

16. Install the 2-56 Set Screw into the top of the trigger to capture the disconnect bar to the top of the trigger.



17. Reinstall the bolt stop on the LEFT side of the gun. Take care that the small spring on the bolt stop is reinserted into the hole in the frame.

18. Install the LEFT grip panel

19. Install the Magazine Release and Spring.
20. Install the RIGHT grip panel.
21. Install the barrel.

22. Adjust the Pre Travel and Overtravel screws in the trigger.

NOTE: The Pre Travel on the Victory pistol can be over adjusted and the gun will occasionally fail to fire. If this happens back off the Pre Travel it is over adjusted. It is best to leave a little take up in the trigger so that the trigger will be reliable.

23. Adjust the Overtravel screw so that the trigger breaks and then stops quickly to allow for a faster reset.

Make sure that there is no ammo in the chamber and that no magazine is inserted into the pistol and perform a function check of the new trigger and adjust the pre-travel and overtravel screws to your liking. We also strongly recommend the use of a medium strength thread locker sealant (*Blue* Loctite) on the trigger screw threads as they will “walk” without it. ***It is important to note you can not remove 100% of the pre-travel or overtravel as some is required for the trigger to reset properly. If your trigger is not re-setting you will need to back off the settings.***

How to adjust the trigger screws:

Pre-travel screw (the short top screw): This screw eliminates the amount of trigger travel *before* the pistol fires. The easiest and most convenient way to adjust this is to use the included allen wrench and turn the screw clockwise so that it threads up through the trigger. You need to test the trigger along the way as you can over adjust the screw and make it so that the sear won't reset. If this happens, just back the screw out by turning it counterclockwise until it allows the sear to reset.

Overtravel screw (the nylon-tipped bottom screw): This screw eliminates the excessive rearward movement of the trigger *after* the pistol has already fired. Use your allen wrench and turn it clockwise until your trigger feels good to you and it still allows the sear to reset. If the pistol won't dry fire, back the screw out counterclockwise until it is able to.