SAV-I INSTALL GUIDE

Universal Precision Hunting Trigger Upgrade For Savage 110 ® And Savage® Axis/Edge Actions

RIFLE BASIX

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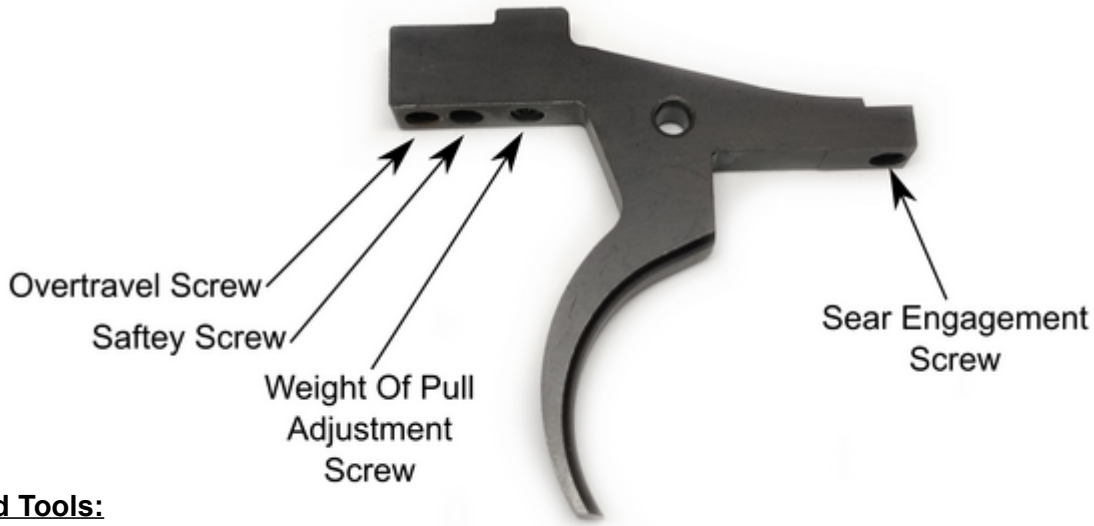
INSTALLING YOUR TRIGGER



Required Tools:
- 5/32 Hex Wrench
- Flat Head Screw Driver
- Threat Locker

Step 1: Getting Started
First, ensure the firearm is unloaded and free of all ammunition. If your rifle has a detachable magazine, remove the magazine and set it aside. Remove the bolt and set it aside as well.

Step 2: Remove The Stock
Using the appropriate hex key, remove the two action screws. To free the action from the stock. Generally Savage actions use 5/32nd inch hex head action screws

Step 3: Remove the Weight of Pull assembly (optional)
On non-accutrigger firearms you'll have to start by removing the weight of pull assembly. Using a flat head screw driver remove the weight of pull grub screw. The pull weight spring can now be removed. Collect all parts of the original trigger in a safe place.

Step 4: Remove the Factory Trigger
The SAV-1 trigger uses the original factory trigger frame. To prep the frame for the SAV-1 remove the factory trigger. Do this by locating the trigger pivot pin. Using a flat head screw driver remove the E-Clip holding the pivot pin in place. Then, using your finger or the flat of a hex key remove the pivot pin. This will free the factory trigger from the frame.

Step 5: Prepare the SAV-1 Trigger
If you are replacing an Accutrigger install the two longer grub screws in the safety and overtravel positions of your SAV-1. If you are replacing a traditional trigger you need to install the two shorter hex screws instead. Next, install the sear engagement screw so the end of the screw is flush with the sear engagement surface.

Step 6: Install the SAV-1 Trigger
Test fit the trigger, the trigger pivot pin should fit comfortably and the trigger should rotate freely. If the fit is good install the trigger in the factory frame by inserting the trigger pivot pin.. Use a flat head screw driver to reinstall the E-Clip on the trigger pivot pin.

Step 7: Install the Wight of Pull Spring and Screw
With the trigger in place, drop the weight of pull spring into the threaded weight adjustment hole. On top of the spring install the weight of pull grub screw. Tighten this screw until the spring makes firm contact with the frame of your gun.

Step 8: Preset The Trigger
With the trigger in place, ensure the Weight of pull adjustment screw so the weight of pull spring applies firm pressure to the trigger. This will prevent the weight of pull spring from falling out while you finish tuning your new trigger.

Additionally, ensure the sear adjustment screw is set so the surface of the grub screw is just below the surface of the sear.

Step 9: Reinstall the Bolt
we're going to need the rifle's bolt to tune the triggers function. As with the factory trigger, install the bolt by pulling the trigger and depressing the sear. With the sear depressed slide the bolt into the action. If you cycle the bolt the trigger should catch the sear and release the striker when pulled.

Step 10: Sear Engagement Screw
With the action cocked use an hex key to turn the sear engagement screw clockwise. Doing so will begin to reduce sear engagement. Slowly reduce sear engagement until the action fires. Then, turn the sear engagement screw counter clockwise 1/4 to 1/2 a turn. This will set the proper sear engagement. Less sear engagement results in a lighter trigger, but to little engagement will likely result in an unpredictable trigger.

Step 11: Weight of Pull Adjustment
It is now possible to adjust the weight of pull to your liking. Turing the weight of pull spring clockwise will increase the pull weight, turning it counter clockwise will reduce the weight of pull. The triggers function is a balance between the weight of pull spring's pressure and the amount of sear engagement you have set. For the best results alternate between tuning the weight of pull spring and the amount of sear engagement until the trigger feels crisp and the weight is set to your preference.

Step 12: Safety Screw
With the action cocked and the safety in the SAFE position, place your thumb on the sear engagement screw to the action from firing With the provided hex key, turn the safety screw clockwise until the screw lightly makes contact with the safety.

If the action fires before the screw is properly adjusted, re-cock the rifle before continuing.

Step 13: Overtravel Screw
With the action fired and the safety in the FIRE position, adjust the overtravel screw until it makes contact with the bracket. overtravel is the movement of the trigger after the rifle has fired. overtravel is somewhat subjective, some people prefer very little or no overtravel. Others may prefer more. to increase the overtravel, turn the overtravel screw counter clockwise slightly. To reduce overtravel turn the overtravel screw clockwise slightly.

Step 14: Test and Finalize
With the trigger set how you like it, take a moment to ensure the trigger, safety, and bolt release function reliably. The trigger should feel crisp and clean with minimal to no take-up. When satisfied with the trigger apply a dot of thread locker to each of the screw adjustments, ensuring the thread locker can seep into the interface between the screw and the trigger. Allow the thread locker to set and enjoy your new trigger!

The design of Rifle Basix triggers can provide light pull trigger operation depending on the calibration, and WILL REQUIRE the firearm be handled with care. ALWAYS close bolt slowly and carefully. Keep firearm pointed in a safe direction when loading and unloading, and when operating bolt and safety.