

SAV-2 INSTALL GUIDE

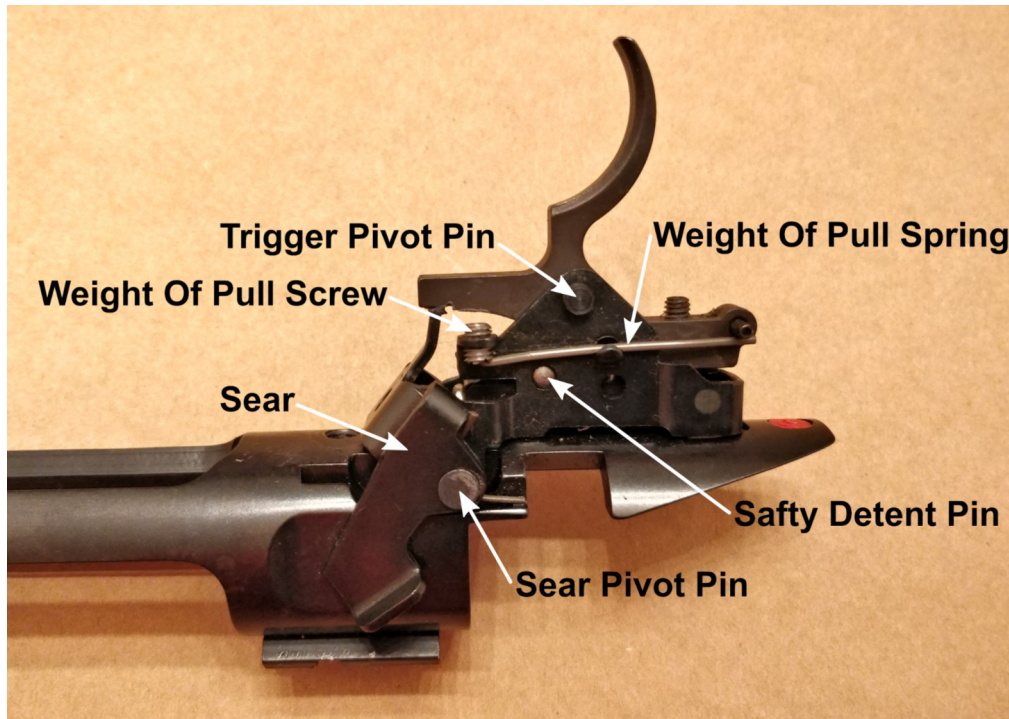


Universal Match Grade Trigger Upgrade For Savage® Actions Install Guide for Non-Accutrigger Models



RIFLE BASIX

INSTALLING YOUR TRIGGER



Required Tools:

- 5/32 Hex Wrench
- Flat Head Screw Driver
- Threat Locker
- White Lithium Grease

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

On the underside of the factory stock you will find three hex head screws. The two screws closer to the muzzle hold the action into the stock. The third screw attaches the trigger guard to the stock. If you have an aftermarket stock the hex key size may be different than the standard 5/32".

Using the appropriate hex key, remove the two action screws.

Step 3: Remove the Sear

To remove the sear first locate the sear reset spring. Hold it in place with your thumb while you push the sear pivot pin out with the head of the screwdriver.

Note: Older Savage rifles have a small bushing located inside the sear spring. The SAV-2 comes with a replacement spring that does not require the bushing. This will make installation easier.

Step 4: Remove the Factory Trigger Frame

With the sear pivot pin removed, the sear, trigger frame, and safety can all be removed from the action. The safety can then be removed from the trigger frame. This will free the safety detent pin. Hang on to both.

Step 5: Install the Safety Detent into the SAV-2 frame

Start by placing the safety detent pin into the SAV-2 trigger frame. Then snap the safety into position over the detent spring. The thumb tab of the safety piece will hang over the back of the SAV-2 trigger frame

Step 6: Install SAV-2 Frame

The SAV-2 trigger frame hooks into the action at the tang, then pivots forward to slide into place. The trigger frame should fit tightly in the action.

Due to manufacturing tolerances on both the rifle and the SAV-2 trigger, the two ears that straddle the action will occasionally require minor adjustment. The SAV-2 trigger frame is cast from a malleable alloy that can be tweaked slightly with a pair of pliers if required.

Step 7: Install the Sear Pivot Pin

Once the trigger frame fits the action you should be able to push the pivot pin in by hand without much effort. If the pin does not slide into place, check the safety friction screw is not over extended. If the safety friction screw is extended too far, the SAV-2 Trigger Frame will not align properly with the Sear Pivot Pin hole in the action.

Step 8: Install the Sear

Take the sear and place it over the trigger frame and install the sear pivot pin. Install the pin from left to right, opposite from how it was installed from the factory. This will make it easier to install the replacement sear reset spring.

At this point the sear should pivot freely on the sear pivot pin. If for some reason the Sear does not move freely, stop, examine the parts for burrs or other obstructions.

Step 9: Install the Sear Reset Spring

Remove the sear pivot pin about half way, place the replacement sear spring so it is oriented like in the photo above. With one hand, press the spring backwards into the open space between the sear and trigger frame. With the other hand press the sear pivot pin back into the gun, securing the new sear spring.

If you cannot do this by hand. Use the nose of some needle nose pliers to press the spring into place.

Step 10: 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 11: Sear and Weight Adjustment

Finally you will need to set sear engagement and pull weight. Start by loosening the sear adjustment screw until its below the surface of the intermediate lever, then tighten the weight of pull spring until the intermediate lever makes firm contact with the sear. With the action cocked tighten the sear adjustment screw until the rifle fires. Back the screw off 1/4 to 1/2 a turn to set the appropriate sear engagement. Add a drop of thread locker to fix the sear engagement screw in place.

Step 12: Safety Screw

With the action cocked and the safety in the SAFE position, place your thumb on the intermediate lever to prevent it from moving. With the provided hex key, turn the safety screw clockwise until the screw 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 safety. overtravel is the movement of the trigger after the rifle has fired. To increase the overtravel, turn the overtravel screw counter clockwise slightly. To reduce overtravel turn the overtravel screw clockwise slightly.

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.**
