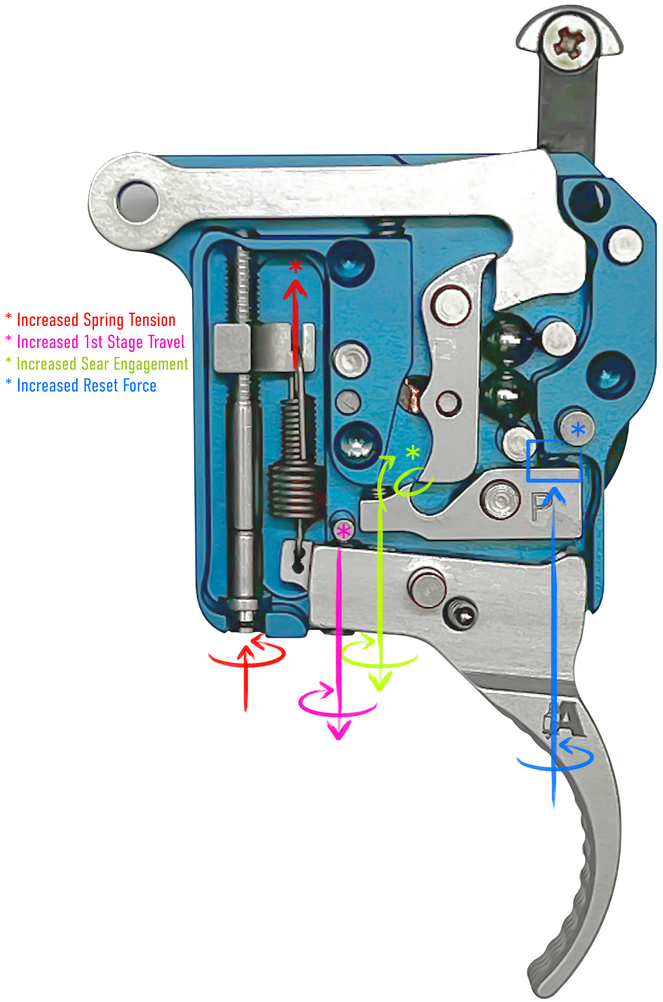


Adjustment / Resetting Guide

Bix'n Andy TacSport X / Pro-X (Two Stage) Trigger

Understanding the adjustment screws:

There are four set screws that play a role in setting / resetting the trigger. We will refer to them based on the color depicted in the diagram on the left.

Red: This set screw is the primary control for 1st Stage pull weight. Clockwise rotation, increases pull weight. Counter clockwise rotation, decreases pull weight.

ATTENTION When trying to set the trigger's 1st Stage to the lightest pull weight possible, do not back screw out so far that there is no tension on the spring. Doing so will compromise the trigger's ability to return the trigger shoe to its original firing position.

Violet: This set screw is the primary control for 1st Stage trigger shoe travel. Clockwise rotation, decreases 1st Stage travel. Counter clockwise rotation, increases 1st Stage travel.

Blue: This set screw is the primary control for trigger reset force, but can also acts as a fine tune control for 2nd Stage pull weight adjustment. Clockwise rotation, increases reset force and pull weight. Counter clockwise rotation, decreases reset force and pull weight.

ATTENTION When trying to set the trigger's 2nd Stage to the lightest pull weight possible, do not back screw out so far that there is no reset force present. Doing so will compromise the trigger's ability to reset to a pre-fired state.

Green: This set screw directly controls sear engagement. Clockwise rotation, decreases sear engagement. Counter clockwise rotation, increases sear engagement.

ATTENTION The key to success here is making sure that contact between the sears is just enough for safe operation but not so much that the contact surfaces drag over each other while pulling the trigger (aka creep).

Factory Reset / Adjustment Procedure:

Step 1. Back out Violet Set Screw (Counter Clockwise) gently till maximum 1st Stage travel is reached.

Step 2. Back out Red Set Screw (Counter Clockwise) gently until a noticeable stop is reached.

Step 3. Turn in Blue Set Screw (Clockwise) gently until a noticeable stop is reached.

Step 4. (Violet Set Screw) Set 1st Stage travel to desired preference by turning clockwise.

Step 5. (Red Set Screw) Set the 1st Stage pull weight to your preference by turning clockwise.

Step 6. (Blue Set Screw) Set the 2nd Stage pull weight to your preference by turning counter clockwise.

Step 7. (Green Set Screw) With the trigger installed in your action / rifle. Make sure there is no sear engegement by turning the set screw one 1/2 turn clockwise (the action cocking piece will not engage with the trigger). If the action still engages, repeat in 1/4 turn increments. Then do the following:

- Turn the green set screw counter-clockwise in 1/16th to 1/8th increments until the sear begins to hold.
- Once contact has been made, make one final 1/16th to 1/8th turn counter clockwise.
- Test for "creep".
  - If there is no "creep", rapidly cycle the bolt 50 times to make sure the firing pin doesn't fall (This confirms adequate engagement).
  - If there is "creep", turn set screw clockwise 1/16th to 1/8th of a turn and test again until adequate engagement has been reached.

NOTE If you change pull force after setting your trigger, it is vital that you repeat the steps above. Sear engagement requirements differ at defferent pull weights. Always follow the order outlined above.

If done correctly, you should have a fine tuned and safely set trigger with zero creep and consistent let-off. If you find that you are still experiencing difficulty fine tuning your trigger. Please reach out to us via our Help Center and we'll be happy to assist you further.