

Xtinction2 Technical Guide

Welcome

Welcome to the Stanislawski® family. We've been making the world's finest release aids since 1970 and we appreciate your trust. It is important to read these instructions thoroughly before using your release aid as improper use can result in injury. We are sure our equipment will help you get the most out of your archery experience and are here to answer any questions you may have about your new release.

Some Release Aid Safety and Care Tips

- Always draw your bow pointed at a target.
- Always assume the shot could activate at any time.
- Never draw your bow without an arrow on the string. Accidental release could dry fire your bow and damage your equipment.
- After any release aid adjustments, test the release before drawing your bow with it.
- Always draw your bow away from your face. Accidental release could result in facial injury.
- Always inspect your release and your D-loop before shooting. Replace any components that show wear immediately before shooting.
- Keep your release dry and free of debris.
- **NEVER DISASSEMBLE YOUR RELEASES**, it will void your warranty and can be dangerous. If it needs service, contact the STAN® Customer service department at 315-258-9269 and we will take care of you immediately.
- **Never lubricate your release aid. EVER.**

Setting the sears, the basics

Your Xtinction2 release aid's searing mechanism is adjustable for both trigger tension (adjusted using the screw identified as item A in Figure 1) and trigger travel (adjusted using the screw identified as item B in Figure 1.) Trigger tension refers to the amount of applied force required on the trigger to cause your release to fire. Trigger travel refers to the distance the trigger must be moved to cause the release to fire. In general, the vast majority of people seek as close to zero trigger travel as possible. Preferences for trigger tension on the other hand vary widely. As they say, some like it hot, others not, and the Xtinction2 can deliver either.

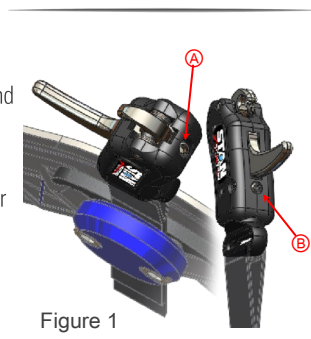


Figure 1

Factory Reset

Your STAN® release aid comes preset to fire with modest trigger travel and tension, that said, it is important to verify that as retail outlets sometimes handle the products while demoing to potential customers. To reset the release to factory settings you will need a 1/16" allen wrench. First, completely remove any spring loading from the system. Do this by backing out (turning counter clockwise) both sets screws identified as items A and B in Figure 1 until you can just start to see the threads of the screw. You do not need to see a full thread, just part of one is adequate. To verify the absence of any spring loading, wiggle trigger; it should move freely in either direction with no apparent bias in one direction or the other.

Adjusting Projection (hard connect)

The hard connect model has two set screws on the hard connect mechanism (see Figure 2). Set screw C should **NEVER** be adjusted. To adjust the projection, loosen set screw E. Once loosened, the hard connect shaft (item D) will rotate freely and the main body of the release will rotate with it. Turn it one way and the release body moves further from the strap, turn it the other way and the body moves closer. Don't worry about the angle of the trigger/body with respect to the wrist strap, angle is a separate adjustment that is covered later in this manual.

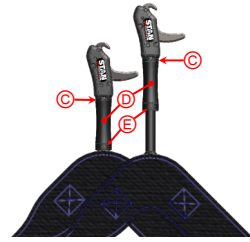


Figure 2

Adjusting Projection (web connect)

The web connect model has two socket head cap screws, labeled items F and G in Figure 3; they hold the web clamp tight. To increase or decrease the length of webbing, loosen both screws, but not far enough for either of them to come free from the bottom piece of the web clamp (item I). Once loose, the webbing should slide freely between the clamp pieces (items H & I). It is important that both ends of the webbing protrude through the entire clamp assembly. Once you have set the strap to the length you desire, tighten both screws down a half a turn at a time, moving between each screw after each half turn (half turn screw F, then half turn screw G, then half turn screw F, etc. . .). Do this until the clamp squeezes the strap enough to prevent it from slipping during the entire draw stroke.

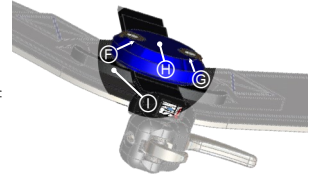


Figure 3

Adjusting the angle of the release head

The angle of the main body on the connect model can be adjusted rotationally to ensure that hook of your release squarely connects to the d-loop so you can have minimal d-loop length without inducing string torque. There are no screws to loosen, just twist the head of the release aid until it is at your desired angle. The design includes a constant friction seal to prevent unwanted movement while still allowing intentional adjustment.

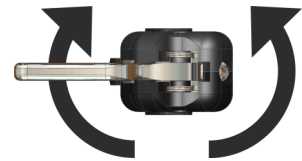


Figure 4

Hard connect hinge

The hard connect model hinges back so the user can tuck the release aid body out of the way and into their sleeve. See Figure 5.

We hope you enjoy your release aid and choose to contribute any suggestions you may have. Our greatest source of constant improvement is you. We appreciate your business and value your thoughts so please voice them through our website or to sales@ishootastan.com



Figure 5

Next, introduce the basic minimum spring loading requirement by adding tension to the trigger. Do this by turning the screw identified as A in Figure 1 clockwise at least two turns, or until the trigger is no longer moving freely and is instead firmly biased into an upward position (with the hook being the top of the release.)

At this point, your release aid has an abundance of overlap on the trigger's sear edge and you will want to reduce that by adjusting the trigger travel. Do this by turning the screw identified as B in Figure 1 clockwise in very small increments. **Like any release, it is important to test your release in between adjustments to make sure there is enough overlap on the trigger to keep the system locked during the entire draw cycle. ALWAYS DRAW YOUR BOW POINTED AT A TARGET, ALWAYS ASSUME THE SHOT COULD ACTIVATE AT ANY TIME, AND NEVER DRAW YOUR BOW WITHOUT AN ARROW NOCKED PROPERLY ON THE STRING. TEST THE SETTING WITH CAUTION AND ATTENTION TO POSSIBLE UNINTENTIONAL ACTIVATION FOR AT LEAST 10 CONSECUTIVE SHOTS.**

Once you have set the trigger travel such that the release will not unintentionally activate during your entire draw cycle, add another 1/32 of a turn counterclockwise to the trigger travel (screw B) for added security.

The Xtinction2 has many adjustments that allow you to tune the release to fit you and your shooting style perfectly. Trigger tension and travel are just two of them; others are projection, angle, and strap diameter. Continue reading to learn how you can make the Xtinction2 perfect for you.

Adjusting trigger tension

Not everyone likes the same trigger feel; some like an ultra light trigger, others like something heavier that they can pull into. To fine tune yours, you will need a 1/16 allen key. Trigger tension is adjusted using the screw A in Figure 1. Turning the tension adjustment screw clockwise makes the trigger require more force to activate, turning it counter clockwise makes it require less. Adjust the screw until you find your desired tension. **CAUTION - NEVER SET THE TRIGGER TENSION BELOW THE BASIC SPRING LOADING REQUIREMENT (SEE FACTORY RESET SECTION).** Like any release, it is important to test your release in between adjustments to make sure there is enough tension on the trigger to keep the system locked during the entire draw cycle.

Adjusting trigger travel

Most people prefer zero trigger travel and your release has been set at the factory to have the optimal sear overlap and perfect trigger travel. Each person has a slightly different perception of what "zero" travel should feel like and may want to customize it to their own liking. If you are one of them, you will need a 1/16" allen wrench. Trigger travel is adjusted using the screw identified in Figure 1 by letter B. Turning the travel adjustment set screw clockwise decreases the trigger travel; turning it counter clockwise increases trigger travel. **Be careful not to adjust the travel so low that the release goes off unintentionally during your draw cycle. The travel on this release can be set from no sear edge overlap to an excessive amount. It is important to make sure that there is enough overlap to repeatedly maintain the release aid's lock through the entire draw cycle. The release can unintentionally fire if there is not adequate overlap to maintain its lock.**



Stanislawski® Archery Products
173 State Street - Auburn, NY 13021
ishootastan.com - sales@ishootastan.com - 315.258.9269