

PerfeX_{Thumb} 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 PerfeX release aids searing mechanism is adjustable for both trigger tension and trigger travel. 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 PerfeX can deliver either.

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 (refer to Figure 1), back screw B out (counter clockwise) so that you can see three full threads. Then turn screw A either in or out until the top of the screw is flush with the surface of the case. Cock the release aid, then turn screw B in (clockwise) VERY slowly until the release fires. At this point, when you try to cock the release aid it should catch, but not hold. Now turn screw A clockwise 1/2 of a turn, your release should cock and hold and is now reset to factory settings. You are now ready to customize the settings to your liking.

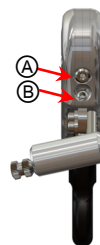


Figure 1

Adjusting trigger tension

You will need a 5/64 allen key for this adjustment. 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 - Be careful not to adjust the tension so light that the release goes off accidentally, this release can be set light enough that even the lightest contact can activate the mechanism. Accidental activation can cause serious injury to yourself and to others. After each adjustment, test the setting with caution and attention to possible accidental activation for at least 10 consecutive shots.

Adjusting trigger travel

You will need a 5/64 allen key for this adjustment. 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. **CAUTION - Be careful not to adjust the travel so low that the release goes off unintentionally. The travel on this release can be set right on the edge of contact and it is important to make sure that there is enough overlap to repeatedly maintain its lock through the entire draw cycle. The release can unintentionally fire if there is not adequate overlap to maintain its lock. Unintentional activation can cause serious injury to yourself and to others. After each adjustment, test the setting with caution and attention to possible unintentional activation for at least 10 consecutive shots.**

Adjusting the thumb knob

You will need a 5/64 allen key for this adjustment. The thumb knob on your new STAN® is fully adjustable for projection, angle, tilt and center. There are five differing trigger post lengths, to change them, remove the screws noted as item C in Figure 2 and loosen (counter clockwise) the screw noted as item D in Figure 3. When you loosen screw D, be careful not to lose the locking slug that goes between the screw and the trigger post. Locate the trigger extension you want to use and attach it to your release using screws C. To reattached (or to change which size) thumb knob, insert the trigger post in the thumb knob hole you prefer (center or outboard), slide the locking slug into the hole where screw D fits, then secure it against the trigger post with screw D.

To adjust the angle of the knob, loosen (counter clockwise) the set screw in the thumb knob noted as item D in Figure 3. The knob will rotate freely and will fall off if you do not support it so pay close attention when you are performing this

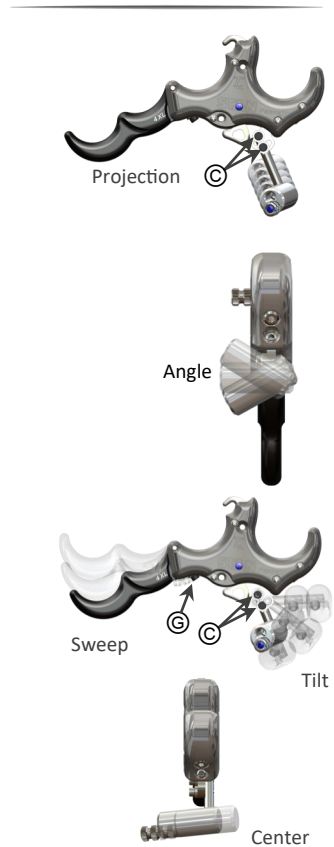


Figure 2

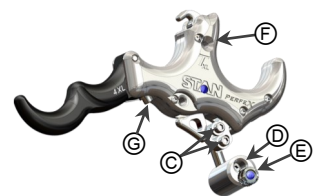


Figure 3

task. Rotate the knob about the trigger post and orient it to your liking. It is not important that the thumb knob be perpendicular to the release aid, in fact, most prefer a slight angle. When you have found the setting you prefer, tighten (clockwise) the screw D to secure the knob in place.

To adjust the tilt, loosen screws C in Figures 2 and 3, Adjust the tilt until you feel it is most comfortable to you, then tighten both button head cap screws down securely.

Use of the Trainer Lock™ Pin

The Trainer Lock™ pin is a training and practice aid that allows you to safely draw your bow confident in the knowledge that it will not go off unintentionally. The pin interferes with the free movement of the hook while allowing the rest of the mechanism to function normally. When the Trainer Lock™ pin is installed, you will hear the click of the mechanism when you activate it but the hook will not open. Remove it from its storage space identified in Figures 3 and 4 as E and screw it completely into the hole noted as F. **IMPORTANT: To install or remove the Trainer Lock in your PerfeX release aid you must cock the release aid first.** The side you install it in depends on your comfort as a left or right handed archer. You can adjust the sears as normal while using the Trainer Lock .

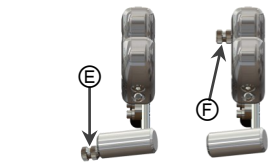


Figure 4

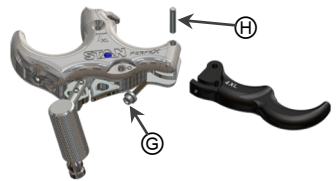


Figure 5

Adjusting the sweep and changing your finger extension

You will need a 3/32 allen key for this adjustment. The PerfeX Thumb release comes with two articulating finger extensions offering three or four finger cradles and a 30 degree range of sweep adjustability. To change from one extension to the other, remove screw G as noted in Figures 2, 3 and 5, then gently press dowel pin H in figure 5 through the hole until it is completely removed. The finger extension should easily slide out of the release body. Reverse the process to reinstall the other extension (please note that dowel pin H is a slip fit so you will need to make sure it is roughly centered in the release body before you tighten down screw G.

To adjust the sweep of the finger extension, loosen (counter clockwise) screw G and the extension should swing freely. Tighten screw G slightly so that it provides just enough friction that the extension does not swing freely, but moves easily when you deliberately try to move it. Once you have found the ideal sweep for you, tighten screw G tight enough so that the extension does not move during your draw cycle.

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