



Technical Guide: OnneX Resistance Release

How the OnneX Resistance works:

The OnneX Resistance works by setting it to your holding weight plus some differential. This is easiest to do with the use of the Trainer Lock Pin to safely set the release to you. To reset the hook, push the thumb barrel forward and when drawing your bow hold the thumb barrel down to engage the safety. Once at full draw, release the safety and begin adding weight by using back tension and pull through the shot. The release will fire as soon as you overcome the firing differential.

Activation tension and Firing Differential:

Activation tension is the amount of pressure required to activate the release while at full draw. Firing Differential is the difference between the holding weight of your bow and your activation tension. If your holding weight is 17lbs and you require 19lbs of activation tension for the release to fire, the firing differential is 2lbs.

Setting the Activation Tension to You:

You will need a 5/64 allen key for this adjustment. The screw to adjust the activation tension is located between the thumb barrel and finger piece. To increase the activation tension, turn the screw clockwise in 1/8 turn increments. To decrease the activation tension, turn the screw counterclockwise in 1/8 turn increments. Test the release between each 1/8 increment and repeat these steps until you find the settings right for you. Because majority of archers have a holding weight between 10 and 20 pounds, we set the activation tension to 17 pounds at the factory.

CAUTION: It is very important to maintain firm rearward pressure to the safety lever during the entire draw cycle. Taking pressure off this lever during the draw cycle will result in accidental firing and can result in injury to you and others and or property damage. Be careful not to adjust the tension so light that the release goes off accidentally. This release can be set so light that the slightest action can activate it. Accidental activation can cause serious injury to yourself and others. After each adjustment, test the setting with caution and attention to possible accidental activation for at least 10 consecutive shots.

Adjusting the Thumb knob:

You will need a 5/64 allen key for this adjustment. The thumb barrel on your STAN is fully adjustable for height, angle, and tilt. There are two different trigger extension lengths and barrels. To change the barrel and extension, remove the screws from the extension and loosen the screw in the end of the barrel, being careful not to lose the locking slug that is in the barrel. Reattach the barrel extension you want to use to your release.

To adjust the angle of the barrel, loosen the set screw in the end of the barrel. Rotate the knob about the barrel extension and orientate to your liking. When you have found the setting that you prefer, tighten screw to secure the knob in place.

Use of the Trainer Lock Pin:

The trainer lock pin is a training and practice aid that allows you to safely draw your bow confidently without your release going off unintentionally. The pin prevents the release from firing but allows the rest of the release to function normally. When the trainer lock is installed, you will hear the click of the mechanism when you fire the release but the hook will not open. The side you install the pin in depends on your comfort as a left or right-handed archer. You can adjust the release as normal while using the trainer lock. **IMPORTANT: Always nock an arrow and aim in a safe direction when using the trainer lock pin. To install or remove the Trainer Lock, you must cock the release aid first.**

Changing your finger extension:

You will need a 5/64 allen key for this adjustment. The OnneX Thumb release comes with two articulating finger extensions offering three or four finger options and a 30-degree range of sweep adjustability. To change from one extension to another, remove the screw and the finger extension should easily slide out of the release body. Reverse this process to reinstall the other extension.

Warranty Services:

If anything were to happen with your release that you would have to send it in for repairs, please contact our customer service and we will assign an RMA number for you to return your release. Our customer service line is 315-258-9269 or fill out the RMA form on our website.

We hope you enjoy your release aid and would love to hear your feedback. Our greatest source of improvement is you. We appreciate your business and value your thoughts. Contact us on our website or through Info@stanoutdoors.com.