

Back Strap

by **Carter**
Enterprises

Accuracy Defined Through Design



General Directions for Use:

The Back Strap is a back tension release that fires after an amount of poundage past the bows holding weight is reached.

Adjustments

Move the strap aside so that it exposes the hole in the bottom of the case. Insert a 3/32 hex key into the hole. Turn clockwise for more tension, counter clockwise for less tension. Make a test adjustment of turning the screw both ways and pull test on a loop of release rope or other bow simulator. The backstrap's factory setting is approximately 15 pounds. In order to add more holding weight turn the 3/32 hex key clock wise. (NOTE: *Full turns of the hex key are recommended, small adjustments are not perceptible to holding weight.*) Counter clock wise adjustments for less holding weight. The Backstrap's maximum holding weight adjustment is 24 pounds. For bows with higher holding weight it will be necessary to install a heavier spring in the adjustment block.

Recommended Use

To close the hasp, push down on the jaw until it snaps into the closed position. Hook onto your D-loop and apply pressure on the safety until the safety is completely depressed. Maintaining constant pressure on the index finger, draw your bow and settle into your anchor.

CAUTION! *Drawing your bow without holding on the safety will cause your bow to fire prematurely.*

With your bow aimed at the target, release your index finger from the safety. If the release has been adjusted properly the bow will not fire. (See adjustment) In order to let down, simply reapply pressure onto the safety until the safety is completely depressed and let down.

Adjustment Hole

I.T.S Removal and Installation

Remove the 2 case screws opposite the side of the trigger (the flat side) Remove the cartridge, change to desired spring. If the Cartridge does not come out freely, loosen the remaining two case screws, but do not remove them. The cartridge should slide in and out easily. Replace the cartridge, replace the screws and adjust to proper tension.

Back Strap Spring Range

We have included a kit of springs with the Backstrap. In the kit are a 30# spring, a 43# spring and a 59# spring. The standard spring is the 50#. Here is a list of approximate weights that each spring will cause the backstrap to release at.

30# Minimum breaking point approx. 8 lbs Maximum breaking point approx. 16 lbs Every 3 turns equal approx. 1 lb of tension change

43# Minimum breaking point approx. 11 lbs Maximum breaking point approx. 20 lbs Every 2 turns equal approx. 1 lb of tension change

50# (Standard spring in the Back Strap) Minimum breaking point approx. 13 lbs Maximum breaking point approx. 24 lbs Every 2 turns equal approx. 1 lb of tension change

59# Minimum breaking point approx. 16 lbs Maximum breaking point approx. 29 lbs Every 2 turns equal approx. 1 lb of tension change.