

# Revolution

by **Carter**  
Enterprises

Accuracy Defined Through Design



## General Directions for Use:

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

### Adjustments

The Revolution's factory setting is approximately 19 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 Revolution's maximum holding weight adjustment is 30 pounds. For bows with higher holding weight it will be necessary to install a heavier spring in the adjustment block. Please contact Carter Enterprises for details.

### 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 pinky safety until the safety is completely depressed. Maintaining constant pressure on the pinky safety, 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 pinky 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.

## Revolution I.T.S removal

Remove the case screw located in the middle of the body of the release. Turn the adjustment screw all the way in clockwise until it stops, then turn the screw counter clockwise. This will start the I.T.S. door to come out on its own. When the door has come out enough to grab, simply pull the entire unit out as a whole, **with the screw head angled towards the end of the safety,**

Caution: The tension spring in the adjustment block will fall out. Use caution not to lose it.



## Installation

Change to the desired tension spring and insert it into the adjustment block. Hold the release so that the pinky safety is pointed up. This should make inserting the I.T.S. unit easier as the spring will be resting in the ITS adjustment block. Gently insert the block and spring into the ITS door slot, **with the screw head angled towards the end of the safety,** making sure that the spring slides along the guide slot. Push the ITS door all the way in and re-insert the case screw. Make a test adjustment of turning the screw both ways and pull test on a loop of release rope or other bow simulator.

## Revolution spring range:

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



30#

Minimum breaking point approx. 11 lbs  
Maximum breaking point approx. 22 lbs  
Every 3 turns equal approx. 1 lb of tension change



43# (Standard spring in the Revolution)

Minimum breaking point approx. 14 lbs  
Maximum breaking point approx. 28 lbs  
Every 2 turns equal approx. 1 lb of tension change

50#

Minimum breaking point approx. 15 lbs  
Maximum breaking point approx. 31 lbs  
Every 2 turns equal approx. 1 lb of tension change

59#

Minimum breaking point approx. 20 lbs  
Maximum breaking point approx. 39 lbs  
Every 2 turns equal approx. 1 lb of tension change