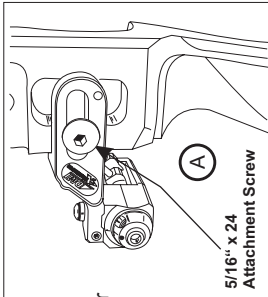




The Exterminator™ arrow rest is available with more than one mounting bracket, so yours may not look identical to the model used for illustrations, but operation and setup is the same. The following are instructions to properly install a right-hand rest, and applies to both the short and long models. For a left-handed rest, simply mirror the directions.

REST INSTALLATION

Remove the plastic washer that temporarily retains the enclosed 5/16" x 24 screw to the mount bracket before attaching the rest to your bow. Use a 3/16" hex wrench to tighten. (Illustration A)



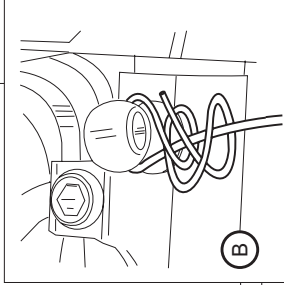
5/16" x 24 Attachment Screw

Drop Away Rest Mode

The Exterminator™ arrow rest is convertible between drop away and shoot through configuration. It comes fully assembled with the launchers and spring direction configured for drop away operation. (Illustration E)

Once you have installed the rest on to the bow, it will be necessary to attach the enclosed cord to the post. A knot such as shown (Illustration B) will work well. You can also serve the cord with serving material to form a closed loop around the post.

Next, the cord will need to be served to the cable that moves down as the bow is drawn, so it will pull the launchers into the "up" position. Make sure that the cord length is adjusted so the launchers raise to maximum height just before full draw is reached before permanently serving the cord to the cable.



Shoot Through Rest Mode

To configure the rest for shoot through use, install the launchers (according to the illustrations C or D), depending on which launcher style you choose. (There is a set of alternate launchers, shown in Illustration D, included with each rest.)

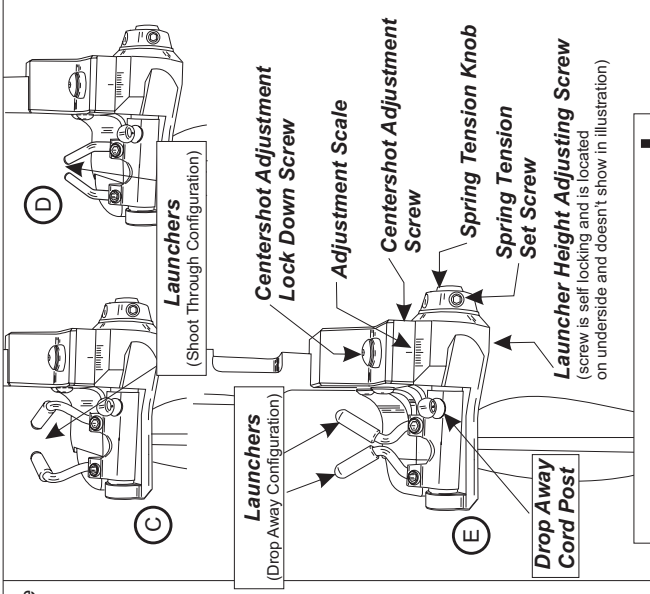
Spring Direction & Tension Adjustment

Next, loosen the spring tension set screw, and carefully remove the spring tension knob from the shaft. Remove the screw that anchors the spring end to the housing and re-install the spring the reverse direction. Re-install the spring tension knob over the shaft.

Spring Tension Adjustment

Loosen the setscrew and rotate the spring knob clockwise (counterclockwise for LH) to increase tension, counter-clockwise to decrease tension. When tightening the tension, check that there is still enough downward travel on the launcher. Launcher tension should be set to just sufficiently carry the arrow weight.

Note: Do Not Over Torque Launcher Attachment Screws.



Launchers (Shoot Through Configuration)

Launchers (Drop Away Configuration)

Centershot Adjustment Lock Down Screw

Adjustment Scale

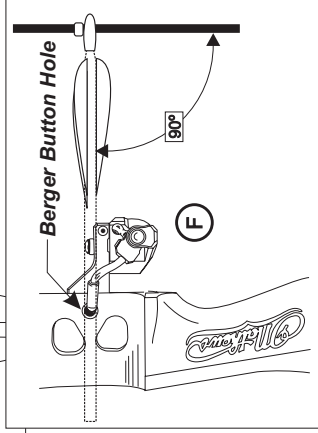
Centershot Adjustment Screw

Spring Tension Set Screw

Spring Tension Knob

Launcher Height Adjusting Screw (screw is self locking and is located on underside and doesn't show in illustration)

Drop Away Cord Post



LAUNCHER HEIGHT ADJUSTMENT

With the rest installed, the desired launchers in place, and the fletching on the arrows properly tuned, initial adjustments can be made. First, it is recommended that you check that the centerline of the arrow shaft is close to the vertical center of the "burger button." (Illustration F)

This will center the adjustment so that after the nock set is installed on the bowstring you can use the adjustment on the arrow rest to fine tune the nock height. This saves the wear on the string serving that occurs from repeated loosening and tightening of the nock sets. The launchers can be raised or lowered with the self locking screw on the bottom of the arrow rest by turning the set screw in to lower the launcher and out to raise it. A good place to nock the arrow is 90 degrees from the bowstring, or slightly higher (1/8" to 3/8") at nock end. (Illustration F)



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There is a precision scale engraved on the rest to aid in center shot adjustments. The adjustment is made by loosening the lock down screw, then by turning the adjustment screw clockwise adjust the arrow out, and counter clockwise to move it in. As the starting point, adjust the rest so that the center of the arrow shaft measures 13/16" from the inside of the riser. Note: A visible picture to confirm center shot is to hold the bow so that the string is centered with the grip. The arrow should be right in line.

TIPS FOR QUIETEST OPERATION

It is generally not necessary to use excessive spring tension in either drop away or shoot thru mode. Make sure everything is well tuned, tight, and that there is no arrow contact at the shot. This is essential for top accuracy too. Self-adhesive padding can be used to aid in noise reduction, according to the individual needs.

TUNING

Tuning the arrow flight can result in better accuracy. Using the illustrations below, compare them to see if any corrections must be made to get the arrows to fly straight. The arrow point and the arrow back need to be entering in the same place, leaving a relatively "clean" hole without long ribs between where the point and fletching enter the paper. By adjusting the arrow rest, nocking point and draw weight, you should be able to correct any bad arrow flight.

Correct nock height first, then the center shot, keeping in mind that one will affect the other to some degree. If you are unable to achieve a good hole using these adjustments, you may need arrows of different spine, or you may have a clearance problem with some part of the arrow (usually the fletching) hitting either the rest, bow riser or your arm or clothing. This is only a brief overview of how you can tune your set-up and the final test is the consistency and accuracy of the groups you achieve. We recommend having a Mathews retailer fully tune your bow.

<p>Nock End Ripped Low</p> <p>SOLUTION:</p> <ol style="list-style-type: none"> 1. Raise the nocking point 2. Use a heavier arrow tip 3. Use a more limber spined arrow 	<p>Nocking End Ripped Right Arrow Spine Too Stiff</p> <p>SOLUTION:</p> <ol style="list-style-type: none"> 1. Increase draw weight 2. Move arrow rest to the left 3. Use heavier points 4. Use a lighter spined arrow 5. Use longer arrows if possible <p>NOTE: (Opposite for Left Hand)</p>
<p>Nock End Ripped High</p> <p>SOLUTION:</p> <ol style="list-style-type: none"> 1. Lower the nocking point 2. Use a lighter arrow tip 3. Use a stiffer spined arrow 	<p>Nock End Ripped Left Arrow Spine Too Limber</p> <p>SOLUTION:</p> <ol style="list-style-type: none"> 1. Decrease draw weight 2. Move arrow rest to the right 3. Use lighter points 4. Use a stiffer spined arrow 5. Use shorter arrows if possible <p>NOTE: (Opposite for Left Hand)</p>

After the shot, push the paper back flat and you will see a star shaped entry hole where the tip went through.