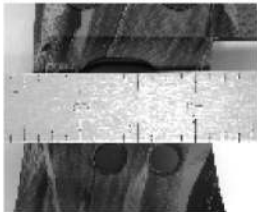


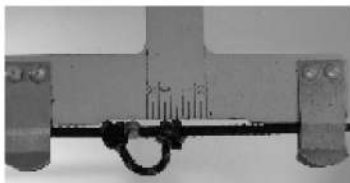
Instructions for Muzzy X-Celerator

Rest

The X-Celerator rest is a universal rest designed to fit all cable guard and roller guard bows and attaches to the downward traveling cable on all bows. It can be set up for Right or Left hand use by varying the placement of the rest hook in the main arm. Front hole for low brace height bows and for those wanting rest hook closer to riser, back hole for normal rest position. 1 hole for mounting the main arm and 2 holes for installing the rest hook simplify the installation process. Bow draw weight and draw length need to be adjusted prior to installing the rest as changes in draw length and draw weight can affect brace height changes in the bow and would require readjustment of the turnbuckle sleeve to accommodate the difference in rest travel. Nock point and/or string loop placement is required prior to installing rest as they determine the height of the arrow when elevation is adjusted with the rest. For most standard solo cam bows we recommend placing the bottom of the nock point or bottom of the top knot for your string loop at 1/4in above the TOP edge of the rest mounting hole in the riser.



For most dual cam, binary cam and cam and 1/2 bows this nock/loop placement should be 1/8in above TOP edge of the rest mounting hole in the riser.



This placement is necessary to account for the nock travel common in most bow designs and to ensure your arrow is sitting on the rest in a nock high position required for drop away style rests, to ensure adequate shelf and fletch clearance on your bow as well as align the arrow, when elevation is set, so the arrow is centered to the rest mounting hole in the riser.

Tools required for rest installation: 9/16 and 1/2 box or open end wrench, common allen wrench assortment (5/64, 3/32, 7/64), cutting tool for turnbuckle sleeve (we recommend using ratchet cutters, snips, hose cutter or pruning type shears, or a high speed cut off saw) and appropriate sized bare arrow shaft (no fletching) for tuning and set up.

Mounting the Side Plate

The angled side plate is attached to the riser in the front mounting hole with the male x male SS mounting stud and angled plate on top. 2 mounting holes are included in the side plate to mount on RH and LH bows. Be sure to level side plate to bow and tighten thoroughly. The side plate has 2 protrusions to eliminate any play or movement in the side plate when tightened fully.



Mounting Main Arm

Insert rest hook into main arm extending rest hook on L side for RH shooters and R side for LH shooters with hook pointing up. Install main arm onto mounting stud and secure with lock nut, be sure not to over tighten, the arm should pivot up and down with only slight tension, just enough to eliminate any play in the arm.

Adjusting Rest Height and Centershot

Nock bare shaft to string in proper nock position and place on rest hook, looking at bow from string side, facing bow forward, raise rest up to stop plate and align string in centerline of riser and limbs and twist rest hook in or out until the arrow/point is in-line with the string. While holding rest up against stop plate with arrow on rest hook, hold bow to the side and in front of you as level as possible and adjust elevation screw until bottom of arrow shaft is even with the bottom edge of the rest mounting hole in the riser.



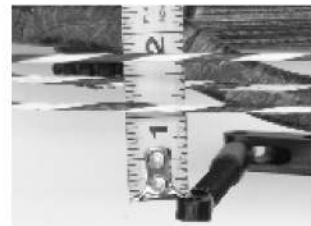
Adjust rest hook so it is in a vertical position in the full up position and tighten center adjustment screw.

These adjustments will give you good arrow flight initially and can be fine tuned later.

Mounting Cable Clamp Attachment

Remove the 6-32 screw and turnbuckle sleeve from cable clamp, unscrew both 6-32 cable clamp cap screws and remove from clamp body. An extra cap and longer screws are included in the installation package and will be needed on certain bows. (Be sure to consult the setup chart for proper cable clamp spacing, placement information and turnbuckle sleeve lengths for your particular bow model)

If your bow is not listed, it is simple to determine the proper spacing and placement. Screw the turnbuckle sleeve into the turnbuckle on the end of the main arm and align the turnbuckle sleeve straight out with the downward traveling cable, if there is more than 1in of spacing between the end of the sleeve and the cable then you will need to use the extra cap spacer and longer screws. 1in or less then use the standard clamp screws and 1 cap.



To install the clamp, insert both screws into cap and place over cable from sight window side of cable, if using addition cap, use the longer screws in cap and place over cable, slide extra cap spacer over the screw ends and against cable, then install clamp body and thread screws into the body, be sure to leave them loose so you can adjust the up or down positioning of the clamp body.



There are grooves in the cable clamp cap and body that fit the cable of the bow. These grooves normally work very well for most bows, but if you bow has a smaller diameter cable and will not tighten securely, then flip over the cap of the clamp and use the flat side against the cable and it will tighten more securely.

For initial placement of the cable clamp on bows not listed in set up chart, set the top of the V groove in the rest hook even with the bottom of the shelf of the bow



and hold the turnbuckle sleeve straight out and away from the main arm, the sleeve should be level going to the cable, slide the clamp up to this position and tighten the screws down snug to hold in place.



(Continued on next Page)

This will give you a good starting point and normally works with the majority of bows we have experimented with.

On most bows we do recommend serving over the portion of the cable where the clamp is to be placed as this will give you a very secure attachment point and prevent any possible cable deformation, however on bows not listed in our set up chart, final cable clamp position will not be known until proper operation and travel of the

rest is determined. This serving can be applied later when the proper positioning is determined and the cable clamp can be reattached over the served in area.

Cutting and Adjusting the Turnbuckle Sleeve

Again on bows listed in our setup chart, the proper turnbuckle sleeve length to cut is listed measuring from the center of the mounting hole to cut end, on bows not listed, it is simple to measure a starting point to begin with.

With the cable clamp attached to the downward traveling cable and the main arm set so the top of the V groove in the rest hook is level with the bottom of the shelf of the bow, hold the turnbuckle on the main arm pointing straight to the cable clamp and measure from the outside edge of the turnbuckle housing to the center of the mounting pin on the cable clamp



and add 1 1/8in to the total measurement. This will give you the cut length of your turnbuckle sleeve including the portion that will thread into the turnbuckle.



Measuring from the hole in the turnbuckle sleeve, make a mark on the sleeve at this length and cut the sleeve.

Next screw the trimmed turnbuckle sleeve into the turnbuckle all the way until it bottoms and attach to the cable clamp on the cable.



Now draw the bow back and watch the elevation screw come up and adjust the turnbuckle sleeve so the elevation screw only hits the stop plate at the very end of the draw. It is a simple matter of screwing the turnbuckle sleeve in or out to adjust the contact point. When properly set the rest hook should be level with the top of the shelf or slightly below it and the elevation screw will only contact the stop plate at the very end of draw. Reinstall the 6-32 screw and tighten.

Fine Tuning Cable Clamp Placement on Bows Not Listed in Set up Chart

When drawing the bow if the rest hook comes up too fast or not fast enough, then adjustments to the cable clamp position and turnbuckle sleeve length can accommodate this on all bows. For excessive or too fast rest travel, slide the cable clamp up to decrease the amount of rest travel,



for each movement you will need to readjust the length of the turnbuckle sleeve to accommodate this as well. To increase the amount or speed of the rest movement, slide the cable clamp down and readjust the turnbuckle sleeve length to accommodate.



Keep adjusting and fine tuning until the rest hook position is level or just below the shelf of the bow at rest and the elevation screw is contacting the stop plate right at the end of full draw.

Most bows will not require more than 1in or so of adjustment to the initial position of the cable clamp and the initial cutting length of the turnbuckle sleeve should be more than adequate to accommodate this. It maybe necessary on bows requiring some adjustment to the cable clamp to decrease rest movement, to trim down the turnbuckle sleeve slightly to allow proper turnbuckle sleeve adjustment and stop plate contact. Be sure to minimize the cutting of the turnbuckle sleeve so as to not end up with too short a turnbuckle sleeve, you will need about 1/2in of thread engagement in the turnbuckle to keep the turnbuckle sleeve secure and eliminate any excessive play or vibration in that part.

Fine Tuning

The bow should shoot and group very well at this point but some fine tuning can be done to increase accuracy, consistency and broadhead flight. Paper tuning is effective and a good initial step, but bare shaft tuning will fine tune the bow/arrow setup even more and will ensure more accurate and consistent broadhead flight as well. Using your best form and shooting as straight and level as possible from a distance of about 10yds, shoot a bare shaft into a firm target, such as a broadhead target. What you are looking for is the relationship of the arrow nock to where the point of the arrow impacted the target. You will want to move your centershot or elevation of the rest in the direction the nock end of the arrow is kicked to when it impacts the target. If your nock is higher then the point, then move the rest up with the elevation screw, if the nock is kicked to the L then move the rest hook out to the left, only make

small adjustments to the rest at a time. Keep adjusting until the shaft is entering the target straight and then your rest will be very well tuned. If you make any major elevation adjustments, be sure to compensate with adjustments to the turnbuckle sleeve so you are still maintaining the proper stop plate contact. The forgiveness of our rest gives you the ability to shoot a bare shaft very accurately off a well tuned setup and will give you the accuracy and consistency when shooting your regular fletched arrows.

Arrow Holder and Moleskin Attachment

Included with the rest is a shelf attached arrow holder that can be used to keep the arrow more secure on the shelf of the bow when not drawn, this arrow holder must be attached to the bare shelf of the bow and we recommend using alcohol to clean the surface prior to attachment. It comes with a 2-sided tape to attach or can be more permanently attached using super glue as well. Install in position on the front edge of the shelf where your arrow will be centered over the groove in the rest hook.

The moleskin pad should be applied to the shelf and side plate of the bow window to eliminate noise from the arrow shaft contacting the shelf or sight window of the bow. Use alcohol to clean the surface of the riser and attach moleskin to the bow, be sure to center on the riser and ensure the moleskin is covering the front edge of the riser. You can trim off the excess with a razor blade after attaching.

The moleskin pad for the rest hook will ensure a quiet draw with any arrow shaft and should be applied to the rest hook after wiping off the top and side portion of the rest hook with alcohol. Position the hole in the rest hook pad over the groove in the rest hook, the tapered end of the pad will go up the curved part of the rest hook and the pad attaches to the top portion of the hook and adheres to the sides.

Conclusion

As always with any rest, arrows and broadheads, make sure to use helical fletching on your arrows to properly spin and stabilize your broadheads for the most consistent, accurate flight. Some fine tuning and/or group tuning with broadheads can bring your field pts and broadheads into the same spot and give you the most confidence. Technical assistance and installation help is available on our website and direct thru Muzzy by accessing our website at www.muzzy.com or tech@muzzy.com or by calling Monday-Friday 8:30-5:00 EST at 770-387-9300. Thank you for your purchase of what we feel is the best rest system for hunting and shooting broadheads and good luck with all your pursuits!

Bow	Rest Hole	Cable Clamp Cap	Clamp Position	TBS Length
Anderson				
Crow	Back	2 Caps	6.5000	5.1250
Bear				
Charge	Back	1 Cap	6.5000	4.3750
Bowtech				
Extreme VFT	Front	2 Caps	6.0000	4.0000
82nd	Front	2 Caps	4.7500	3.0000
	Back	2 Caps	4.0000	2.6250
101st	Front	2 Caps	4.1250-4.2500	2.875-3.0000
General	Front	2 Caps	4.5000	2.9375
Allegience	Front	2 Caps	4.5000	5.1250
Swat	Back	2 Caps	4.6250	3.3125
Destroyer 340	Back	2 Caps	7.1250	4.0000
Diamond				
Marquis	Front	2 Caps	6.2500	3.0625
Ice Man	Back	2 Caps	5.3750-5.5000	2.5625
Admiral	Back	2 Caps		
Stud	Back	2 Caps	5.7500	3.3125
Black Ice	Back	2 Caps	6.2500	3.7500
Razor Edge	Back	2 Caps	5.5000	4.2500
25in DL			6.0000	4.5625
Mathews				
Switchback	N/A	1 Cap	6.5000	3.2500
Switchback XT	N/A	1 Cap	7.0000	4.2500
DXT	N/A	1 Cap	6.5000	3.5000
Drenalin	N/A	1 Cap	7.1250	3.6250
Drenalin LD	N/A	1 Cap	7.0000	3.6250
S2	N/A	1 Cap	6.5000	3.5000
Monster 6	N/A	1 Cap	6.1250	3.6250
Monster XLR8	N/A	1 Cap		
Hyperlite	N/A	1 Cap	6.7500	4.0000
Reezen 6.5	N/A	1 Cap	6.3750	3.2500
Reezen 7.0	N/A	1 Cap	6.7500	3.7500
Z7	N/A	1 Cap	7.5000	4.5000
Passion	N/A	1 Cap	6.5000	2.8750
Z7 Extreme	N/A	1 Cap	8.0000	5.1250
Mission				
Buckmaster	N/A	1 Cap	6.2500	3.6875
New Breed				
Genetics	Back	2 Caps	3.7500	3.1250

Hoyt

Trykon	N/A	2 Caps	5.3750	4.5000
Vectrix	N/A	2 Caps	5.7500	4.6875
Katera	N/A	2 Caps	5.5000	3.5625
Superhawk	N/A	2 Caps	5.7500	4.6250
Powerhawk	N/A	2 Caps	7.2500	5.2500
Alphamax 32	N/A	2 Caps	5.0000	4.1250
28in DL			5.1250	4.0000
25in DL			6.3125	4.5625
Alphamax 35	N/A	2 Caps	5.5000	4.5625
Maxxis 31	N/A	2 Caps		
Maxxis 35	N/A	2 Caps	6.7500	4.3750
Carbon Element	N/A	2 Caps	6.0000	4.2500

High Country

Iron Mace	Back	1 Cap	4.2500	3.0000
Speed Pro	Back	1 Cap	4.3750	3.0000

Renegade

Nuge Bow	Back	2 Caps	5.6250	6.0000
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Pearson

Pathfinder	Back	2 Caps	5.2500	4.7500
Z-34	Back	2 Caps	3.6250	4.0000
Spoiler	Back	2 Caps	4.5000	4.6250

Limbsaver

Speedzone	Back	2 Caps	4.500-4.625	4.1875
Deadzone 36	Back	2 Caps	6.0000	6.0000

PSE

Treestand GX	N/A	2 Caps	4.7500	2.8125
X-Force SS	N/A	2 Caps	4.0000	
Bow Madness XS	N/A	2 Caps	5.5000	3.2500
X-Force GX	N/A	2 Caps	6.0000	2.5000
XF Dream Season UF	Back	2 Caps	6.0000	3.2500

TNT

Revolution	Back	2 Caps	6.5000	4.7500
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Darton

Pro 3500	Back	2 Caps	3.7500	3.5625
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Ross

Carnivore 34	Back	2 Caps	6.2500	4.1250
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