

INSTRUCTIONS FOR ZERO EFFECT 600-PC AND 600-HOYT

ATTENTION: Bow requires an upper mounted cable guard to work properly. Aftermarket upper cable guard assemblies are available from your Muzzy dealer or direct. Rest can be set up for either RH or LH shooters. Make sure draw length and weight are set properly and bow is in factory specs. The 600-PC uses the 1/4in. side plate and the 600-Hoyt uses the 1/2in. side plate. These rest models are designed for the short slide travel and parallel limb bows currently on the market. For older style bows and those having generous slide travel, we recommend using our standard 600 rest. Enclosed with this rest is a listing of current bows and rest setting recommendations for those. Tools required for installation: Allen wrenches in 5/64 and 3/32 sizes, 1/2 and 9/16 nut wrench, t-square, cutting tool for trimming turn buckle sleeve (ratchet cutters work great) and bare shaft arrow in appropriate size. Nock point or string loop should be set on bow prior to installation, we recommend placing the nock/loop in relationship to the rest mounting hole on the riser. For solo-cam bows the nock/loop should be positioned at 1/4 above the TOP edge of the rest mounting hole, for 2-cam and cam and 1/2 bows, position the nock/loop at 1/8 above the TOP edge of the rest mounting hole. This allows for adequate vertical adjustment of the rest with out shelf clearance problems and adjusting for the downward nock travel prevalent in most bows.

MOUNTING THE SIDE PLATE ASSEMBLY

Read and follow instructions carefully to ensure proper rest setup. Make sure to watch the DVD prior to setup. Remove your current rest and discard. Mount the stop plate (Item 20) to the top 1/2in groove on the side plate using the enclosed 8-32 screw (Item 19), position the stop plate all the way out and extended on the R side of the side plate for RH shooters and L side for LH shooters, tighten securely. Using the male x male stud (item 17), mount the side plate assembly (item 4) to the rear most mounting hole (closest to the string). Be sure to slide the side plate as forward as possible, without the stop plate touching the riser. There should be at least a 1/8 in. gap between the stop plate and riser at all points. (The Hoyt plate (item 4-Hoyt) mounts in the same location, just slide forward enough to allow approximately 1/4in. clearance between the lower corner of the side plate and the arrow rest arm (item 6). Be sure to level the side plate with the riser before tightening the bolt. Make sure the arrow rest height screw (item7) is touching the stop plate with the main arm on. Enclosed is a small set screw (Item 21) for the side plate to ensure no movement in the plate, insert in tapped hole under mounting bolt slot and tighten fully against the riser.

MOUNTING REST, SET-UP, AND LINKAGE ADJUSTMENT

- (A) Insert the rest hook into the main arm, normally the back hole is used for most bows, but the front hole can be utilized for those wanting the least amount of O/D effect, use the hole that gives the best clearance with the rest hook arm and side plate. Place the main arm (Item 9PC) over the all male mounting stud. Choose one of the 5/16 holes provided, the 1st hole will be used with most bows, the 2nd shorter hole is used on those bows with the least slide travel and/or short draw lengths, normally 28in and under. The majority of bows will use the 1st hole. However if travel or fletch clearance is a problem, then the 2nd hole should be used for increased rest travel. Install the lock nut (Item 16). Lock nut should be tightened up to the main arm. The arm should pivot with slight tension, but not too loose – **DO NOT OVER TIGHTEN!**
On Hoyt TEC bows the rest is designed to be mounted between the grip and bridge of the riser.
- (B) Arrow rest height adjustment screw should be positioned in one of the 2 holes that line up with the stop plate on the side plate. Nock bare shaft on string and lay on rest hook, hold arrow rest up with height screw against stop plate and adjust screw to where arrow shaft is pointing downhill slightly when viewed from the side. Note: arrow should **NOT** be sitting on rest level. When nock is placed in recommended position, most solo cam bows will have the bottom of the arrow fairly level to about 1/8in. above the bottom edge of the rest mounting hole. On 2 cam and cam and 1/2 bows, the bottom of the arrow should be level to the bottom edge of the rest hole. Make sure arrow is pointing downhill slightly at the full draw position.

- (C) Center shot adjustment. Loosen center adjustment screw (Item14). Move hook- with a twisting motion- in or out to center shot location. With rest held against stop plate and bare shaft on rest, center string up in center line of riser, by looking at bow from string side, facing forward, for RH shooters, the right side of the arrow point should be on the left edge of the string, this sets the shaft in a slight offset position. Reverse directions for LH shooters. After setting center shot, position hook in main arm in a vertical or slightly canted forward position at full draw, rest hook should lean back slightly when bow is at rest. Tighten center adjust screw firmly, but do not over tighten.
- (D) Remove factory slide from cable rod, make note of cable crossing position (some cross above, others cross below cable guard rod) and location of cables in slot of slide, a bow press facilitates this, but is not required. Remove TBS (item 11XT) from cable slide (item 12-TA) by removing 6/32 screw (item 13). Place cables in corresponding location in slide, split yoke cable always goes in long slot of cable slide, on solo cam bows. Long slot will be forward on upper crossing bows and back on lower crossing bows. Solo cam Bowtech, Diamond, Parker Phoenix and all AR bow models require the cables to be positioned so they are crossing above the cable guard rod.
- (E) Adjusting TBS length (remember, you can always shorten it, but cannot make it longer, stay on the long side when cutting). You want to have at least 3/4 in. of thread engagement when screwed into the turnbuckle (item 10XT). Attach the cable guard clip (item 27) onto the cable rod and slide down to cable slide, draw bow and let down, clip will remain where cable slide came back to at full draw. Make mark on cable rod 3/4 in. from inside of clip with marker. Hold main arm up against stop plate and position hole in TBS over mark on cable rod, place TBS parallel to turnbuckle on main arm and mark location on TBS, 1 in. down from end of turnbuckle. This will be where you will need to make your cut. This procedure can also be done easily with an assistant by attaching the TBS to the cable slide and drawing bow back, have assistant hold main arm against stop plate and holding TBS parallel to turnbuckle, make a mark 1 in. down from end of turnbuckle and cut there. TBS can be cut with a hacksaw, high speed cut-off saw or with shears.
- (F) Thread TBS fully into turnbuckle and attach to cable slide, draw bow back and watch for elevation screw to contact stop plate, if it does not, remove TBS and cut a little more off and try it again. If the stop screw contacts early, detach from cable slide and unscrew the TBS a turn or so and try again. Optimum stop plate contact should be just before the end of the draw cycle. The arrow should only travel on the rest less than 1in. after the elevation screw contacts the stop plate. If the screw is hitting early in the draw, the rest will be delayed in dropping away and may cause some clearance problems. You cannot really set the stop point too late as long as the elevation screw is making contact with the stop plate.
- (G) The bow and arrow combo should shoot very well at this point, but some fine tuning can be done. Paper tuning is effective, but bare shaft tuning will fine tune even better and makes shooting broadheads and field points together possible. Shoot a bare shaft into the target from about 10 yards and note position of arrow nock in target. Adjust rest to move nock of arrow in line with shaft. If nock hits higher than point, move rest up, if nock is left, move rest left, etc. Move rest in direction nock is offset to. Adjust the rest until the arrow is entering the target perfectly straight. The forgiveness of the rest allows you to shoot an unfletched arrow very accurately at close range.
- (H) Included with the rest is a shelf attached arrow holder that can be used, it comes with 2-sided tape for easy installation, or for more permanent use, can be glued on with a bonding glue such as “super glue”. The arrow holder should be installed on the front portion of the shelf and in-line with the groove in the rest hook.
- (I) Included with the rest is a moleskin rest hook pad (Item 31), as well as, moleskin padding to cut and fit for the shelf and side plate of the bow. Make sure to cover the shelf, sight window and any areas the arrow may come in contact with the bow at rest. Do not use any lubricants on the rest, all materials are self-lubricating and require no maintenance. Clean with soap and water.

GENERAL NOTE: Helical fletching is vitally important for consistent and accurate fixed-blade broadhead flight; you no longer need to worry about fletching contact or clearance. Helical fletching stabilizes the broadhead in flight, similar to rifling in a gun barrel. Some bows will have an excessive amount of slide travel and may not be suitable for these rest models, our standard 600 rest will fit those and covers more of the older style bows currently in use. Many PSE and Bear/Jennings will use our standard rest, as well as, most round wheel style bows. Additional adjustments and mounting locations may be necessary to accommodate the wide variety of bows available. The rest is equipped with multiple mounting holes and positions to accommodate several different rest set ups. The rest hook should be level or slightly below the shelf of the bow when at rest, this will ensure adequate travel and clearance of the fletching. Some solo-cam bows have a tremendous amount of downward nock travel and may require a very high nock setting, do not be afraid to experiment and find the best positioning for your bow. Muzzy technical assistance is available Monday-Friday from 8:30-5:00 Eastern. Feel free to call 770-387-9300 or e-mail at tech@muzzy.com. Good luck and good shooting and enjoy your new Muzzy Zero Effect Shooting System.