

X-Ring® Plus Precision Shooting Rest



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Always wear appropriate vision and hearing protection when using this product!

The HYSKORE® X-Ring® Plus Precision Shooting Rest is a state of the art gun support platform that has been designed for the shooter who demands perfection and precision. The most important and user driven features of the rest are the rear mounted elevation and windage controls that can easily be operated by either hand without moving out of position. These features represent a major advance over any other shooting rests that are available to shooters today.

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Introduction

At HYSKORE® we carefully follow successful competition shooters at major F-Class, Bulls Eye, Bench Rest, and Long Distance events. You need to observe carefully to see both what is happening and what is not happening, as these are the things that contribute to winning the event. Successful shooters get into position; confirm their cheek weld, their grip, and their finger placement on the trigger, then they maintain this position from shot to shot. In order to do this it is necessary for them to be able to make precision adjustments in vertical shot dispersion (elevation) and lateral shot dispersion (windage) from the rear of the shooting platform. Typically this can only be done by employing very expensive equipment and / or equipment custom built by the shooter.

The HYSKORE® X-Ring® Plus Precision Shooting Rest allows the shooter to precisely adjust windage within a range of 150 M.O.A. and elevation up to 150 M.O.A. Both adjustments can comfortably be made from the rear of the rest without changing position. Windage control is ambidextrous, while the twin helix elevation operates easily with one hand. By turning the knobs in one direction the gun is elevated and by turning it in the other it is depressed. The rest features 4 point leveling. Each leveler is a full 12mm diameter HRC 65 hard, and it is ground to a 135° point so that it securely grips most shooting surfaces. In situations when the rest needs to be placed on a delicate surface it is equipped with protective rubber feet that fit over the points on the elevation jacks. In addition, each jack is equipped with a locking collar to securely hold it in place.

Another key feature of the rest is adjustment security. By virtue of the fact that both the elevation and windage are screw mechanisms where the stress is opposed to the long axis of the shaft or the thread pitch. Once an adjustment is made there is no creep or drift. It positively stays in place until changed by the shooter. The rest is factory equipped with both front and rear filled leather rest bags. One of the questions that will certainly be asked is, "is it possible to secure the rest with bags of shot or sand to absorb the recoil?" The answer to this is absolutely not! Any attempt to restrain the rest to attenuate recoil will not only cause irreparable damage to the rest, but could also result in injury to the shooter. Needless to say, this type of damage would void any type of warranty coverage.



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• REPLACEMENT PARTS •

These are replacement parts for purchase. Pictures do not represent contents of set.



Parts List:

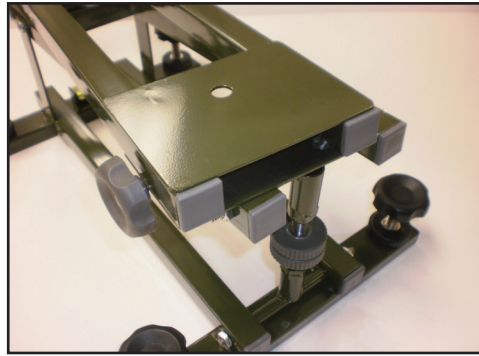
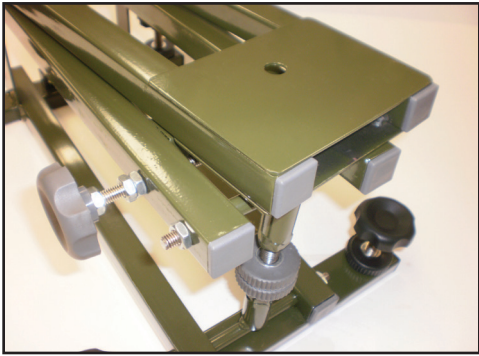
30271 - 1	Rest Bag Front.....	\$ 17.50
30207 - 5	Rest Bag Rear	\$ 26.50
30088 - 6	Magnetic Level.....	\$ 5.00
30105 - 4	Shoulder Bolt (2 pcs)	\$ 5.00
30271 - 2	Lock Nut & Washer.....	\$ 5.00
30271 - 3	Protective Leveler Caps (4 pcs.).....	\$ 7.50
30207 - 4	Leveler & Lock Knob (1pcs).....	\$ 7.50
30270 - 5	Elevation Assembly.....	\$ 22.50
30271 - 6	Windage Assembly	\$ 17.50

Send Check or Money Order with Phone Number to:
Power Aisle, Inc.
 193 West Hills Rd.
 Huntington Station, NY 11746
 NYS Resident add 8.75% Sales Tax

** \$10.00 Shipping & Handling to Lower 48 States**

** \$25.00 Shipping & Handling to Alaska, Hawaii, Puerto Rico**

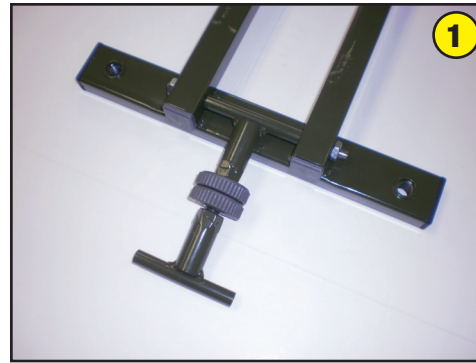
Visit our website: www.hyskore.com



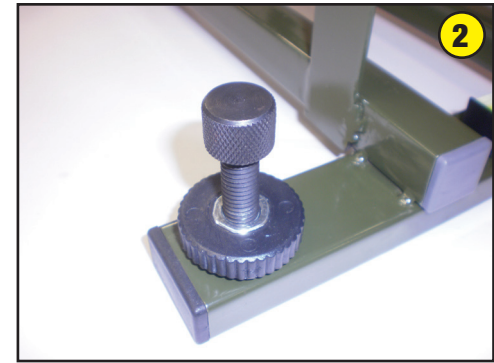
The windage is relatively straight forward. By rotating the knob you're able to move the rear of the rest either left or right and by using both the windage and elevation adjustments you're able to dial in your sight so it is dead on the point of aim.



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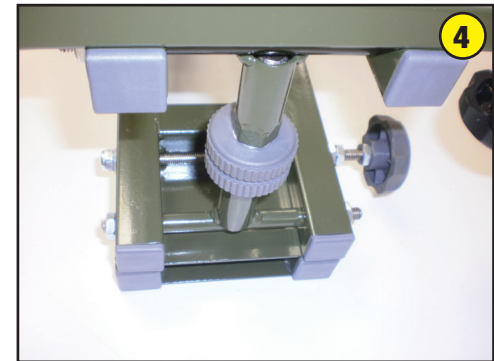
Use 1 of the 150mm (6") x 8mm bolts and hex nut to attach one end of the elevation assembly between the 2 square tubes at the rear of the lower rest assembly. Make certain that the elevation assembly is adjusted so there is no thread showing. **DO THIS BEFORE ATTACHING ELEVATION JACKS.**



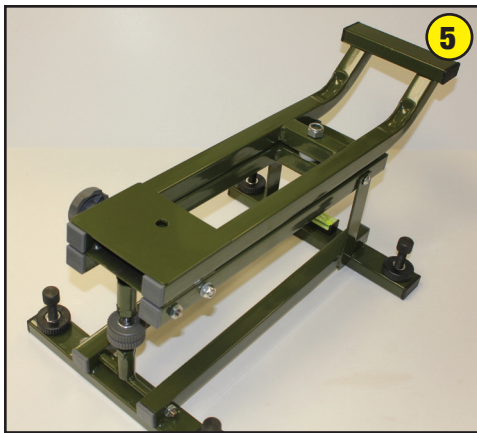
After the elevation assembly has been installed install the 4 leveling jacks by first screwing a locking collar onto the shaft and then threading the leveler onto the threaded hole.



Center the upper rest assembly between the uprights in the lower assembly, align the holes as shown and attach with 1 shoulder bolt from each side. Tighten until snug, but not too tight that the rest binds.



Turn the rest over and attach the other end of the elevation assembly using the other 6" bolt and hex nut as shown.



This is how the assembled rest will appear at this point.



The rest is shipped from the factory with the windage adjustment on the left hand side. In other words, it is set up for right handed shooters with right eye dominance. To change the adjustment so the knob is on the right hand side, first back off the insert lock nut shown above.

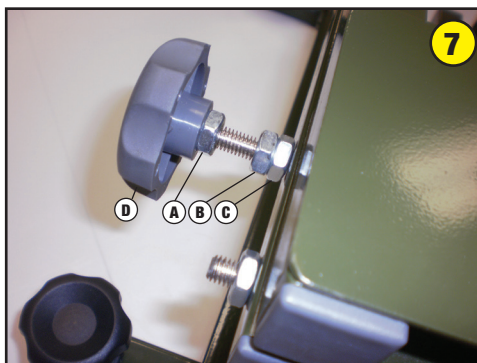


Use the protective rubber feet to cover the points on the levelers if you need to shoot off a delicate surface.

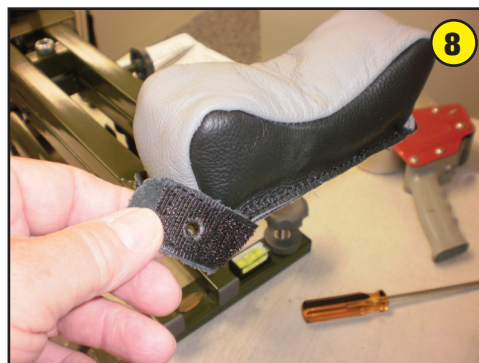


If there appears to be some slack in the windage assembly, this can be solved by tightening the Phillips screw that can be seen through the hole in the rear platform. Tighten the screw with a #2 Phillips screwdriver until it stops and then back it off 1/16 of a turn to avoid binding.

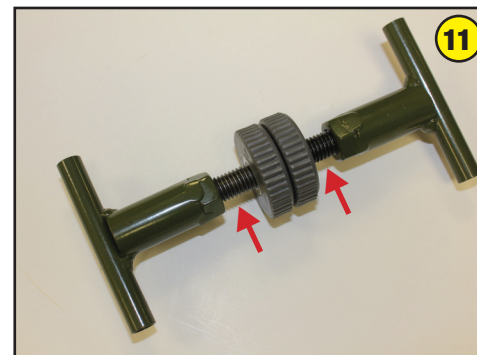
Also (refer to step #7). Back off the B nut then move the C nut closer to the frame and tighten the B nut to lock the C nut in place.



Grasp the knob D in one hand back off the jam nut B and then back off the jam nut A. This will allow you to remove the knob and the A, B, and C hex nuts. Once these are removed, install the lock nut from step 6 on the left end of the shaft, turn until the threaded rod is flush with the nut, turn the shaft and thread it all the way through to the right hand side. Install the C nut allowing about 1/32" clearance between the nut and the frame. Now tighten the B nut to lock the C nut in place, thread on the A nut half way down the thread, now install the knob D until the end of the threaded rod is flush with the nut that is fixed inside D and lock it in place with the A nut. You've now moved the windage assembly to the right side. This process should only take a few minutes.



The front rest bag has flaps with hook and loop. Wrap these around the underside of the platform that the rest bag mounts to and secure in place.



Operation - Before attempting to elevate the rest operate the knob on the elevation assembly so that approximately 1" of thread is showing above and below the knob. This will put you in the middle of the elevation range. In other words, now you'll be able to move the elevation both up and down. Fix the forward leather rest bag to the front support, place the rear rest bag on the rear platform.

Use the front leveling jacks for coarse elevation.



Use acid free machine oil to lubricate the threads or both the windage and elevation screws.