

# Track & Elevate Varmint & Shooting Rest



**The Track & Elevate mounted to the  
#30280 Portable Shooting Bench.**

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



**Guns, Scopes, Ammunition, Protective Gear, etc. are not included!**

The HYSKORE® Track & Elevate Varmint Rest gives the shooter the ability to make rapid seamless changes in elevation and also pivot the rest to track moving targets or engage multiple targets. These features make it the single most versatile and useful gun support for shooting prairie dogs and varmints. It features an elevation lock up and a preset that make it perfect for range and bench top shooting.

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# Introduction

At HYSKORE® we do our best to pay close attention to the needs and objectives of shooters engaged in various shooting related sports. One of the areas that presents a particular challenge is prairie dog shooting where multiple target opportunities present themselves and frequently require rapid target acquisition at varying elevations and lateral dispersions - all of this, while being able to hold the gun steady. The HYSKORE® Track & Elevate addresses these issues in a compact light weight gun support platform. The elevation change up is accomplished by simply pulling or pushing on a lever that smoothly raises and lowers the forward end of the gun. Tracking targets left to right is accomplished by backing off the (4) four elevation and leveling jacks at the corners and engaging the center front pivot so it contacts the bench top, at which point the rest is supported by the forward pivot and the two ball bearing rollers at the rear. This allows the rest to pivot side to side. Between the elevation and tracking adjustments, rapid, precise target acquisition is easily accomplished.

We also recognize that many times varmint shooters want to be able to use the same equipment at the range as in the field so that they are completely familiar with its function and capabilities. There are also instances when a shooter just wants to have a good bench top shooting rest. The Track & Elevate easily accommodates these situations. By using the leveling jacks at each corner the rest can be elevated and stabilized. A truly unique and functional feature of the rest is the ability to lock it at any desired elevation. This is accomplished by a clutch mechanism on the right hand side of the rest. When the clutch is disengaged (the 2 halves of the clutch are not touching) the lever can elevate and depress the gun. When the knob is tightened and the clutch halves are engaged the rest will lock at any desired elevation. When a situation calls for only one fixed elevation there is an adjustable elevation stop. As with most HYSKORE® shooting rests this one has been designed to accommodate all long guns including those with high capacity magazines and pistol grips.

The Track & Elevate has also been designed to integrate with the #30280 HYSKORE® Portable Shooting Bench. This is accomplished by threading the center pivot through the front center pivot socket and then threading it into one of the V-notch support sockets on the #30280 Portable Shooting Bench. When this set is put together it creates a complete portable shooting bench and rest system that weighs less than 30 lbs. and can easily be transported in the field.

## • REPLACEMENT PARTS •

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

			
30276-1	30276-2	30276-3	30276-4
			
30276-5	30276-6	30276-7	30276-8

### Parts List:

30276 - 1	Front Gun Support .....	\$ 12.50
30276 - 2	Rear Gun Platform .....	\$ 12.50
30276 - 3	Clutch (1 set).....	\$ 12.50
30276 - 4	Crank Shaft Handle.....	\$ 12.50
30276 - 5	Elevation Preset.....	\$ 10.00
30276 - 6	Rollers (2 pcs.).....	\$ 10.00
30276 - 7	Rubber Feet (4 pcs.) .....	\$ 5.00
30276 - 8	Elevation Jack (1 pc. with knob) .....	\$ 7.50

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](http://www.hyskore.com)



# A Word About Parallax

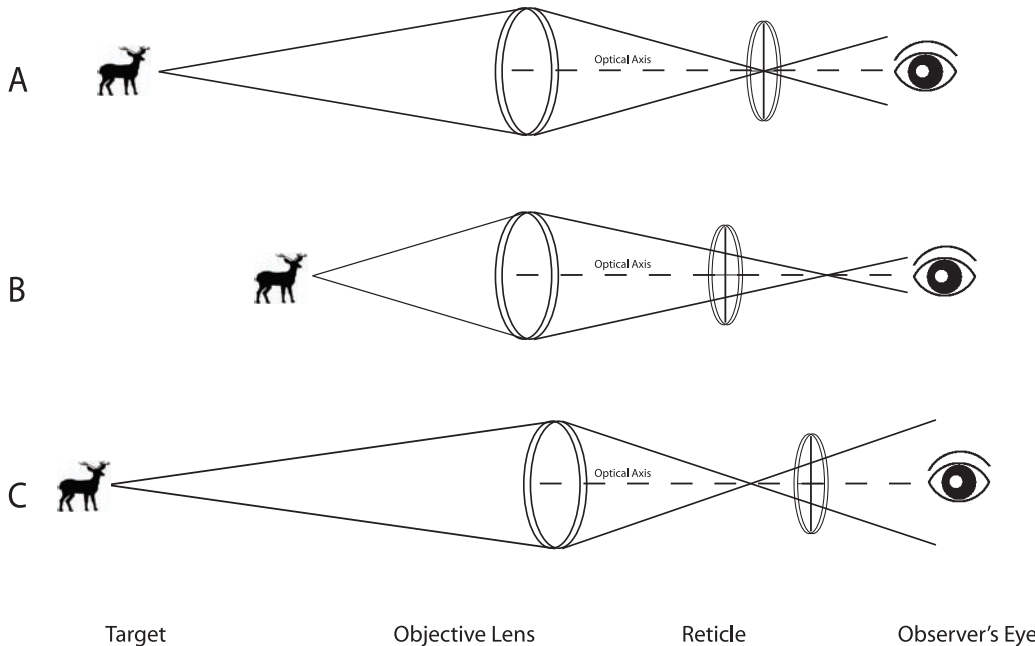
## PARALLAX

When attempting to achieve the highest degree of repeatability i.e. smallest group size, with any HYSKORE® shooting rest, it is important to have a clear understanding of parallax. Even experienced, good shots can improve their group size by up to 30% by paying close attention to parallax. Parallax is the difference in apparent position of an object viewed along two different lines of sight. To experience parallax extend one of your arms, hold an index finger up, close your left eye, and align the index finger with an object on the distant wall. Now close your right eye and open your left. The object has appeared to have moved. What has actually happened is that you are now viewing the object along a different line of sight. This is exactly what happens inside a rifle scope. We have prepared three diagrams to show you the various conditions that may develop in sighting with a scope.

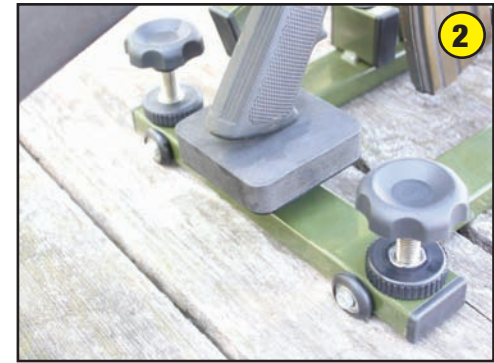
- This is a parallax free focusing arrangement. The image of the target is focused on the reticle. (The reticle is the optical element inside the scope on which the cross hairs are inscribed.)
- The image focuses in front of the reticle and in this case you would experience parallax.
- The image focuses behind the reticle and also in this instance you could experience parallax.

The correction in diagrams B and C is to adjust the objective lens of the scope so the image focuses on the reticle. On better scopes there is usually an adjustment on the objective bell (this is the end of the scope facing the target) with yardage markings. By turning this you can approximate the correct adjustment. However, since parallax is magnification and range variable, it is a good idea to clamp the rifle in a solid vise on the bench top (The HYSKORE® #30022 Parallax Cleaning and Sighting Vise is perfect for this.) Look at the target through the scope and shift your eye left to right, if the cross hairs remain dead center on the target you are parallax free, if not, you need to do additional adjustment. Inexpensive and low magnification scopes are usually parallax free at a specific range, and do not have parallax adjustments.

Keeping the pupil of your eye concentric with the optical axis of the scope is critical to eliminating parallax. If you can keep your eye positioned on the axis every time you will experience parallax free shooting. Of course, this is almost impossible to do and repeat shot after shot. Moving your eye even a few thousandths of an inch off dead center, when parallax is present, will influence your visual alignment and cause you to change your point of aim, resulting in expanding your group. Therefore, you must make the appropriate adjustments at the designated range to remove parallax. Unfortunately, most scope manufacturers assume that all shooters have a working knowledge of parallax. As a result, the instructions they provide give little or incomplete details regarding this optic condition.



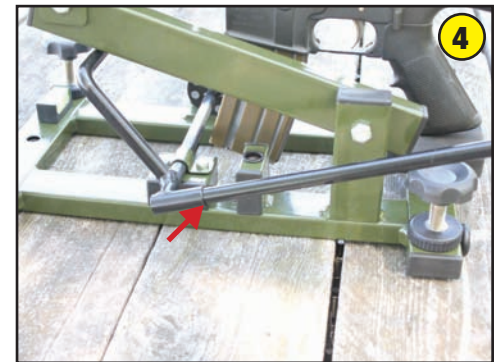
Use the M-10 shoulder bolt and hex nut to attach the forward gun support. The washer fits between the “V” notch support and the arm. If it has been factory assembled disregard this step.



Thread the rear platform into the socket at the rear - use the lock knob to secure.



The rest will have the clutch factory assembled.



Thread the handle into the threaded socket on the end of the crankshaft. Hand tightening is sufficient.



The rollers will be factory assembled.



Install the 5 leveling jacks and locking collars.



To pivot the rest, raise all four elevation jacks and lock them in place. Then lower the center pivot jack about 1/2" and lock it in place.



If you are on a flat bench with a smooth surface, the rest will pivot around the pivot jack. For turf or uneven surfaces use a piece of plywood or Masonite - or even stiff corrugated cardboard.



Install the elevation "memory" Stop bolt. The elevation can be set to a predetermined setting. This is simple but effective.

Hand tighten the hex nut to hold the stop in place.



The spring helps to keep the clutch halves apart during rapid elevation. When the knob is tightened the clutch engages and holds the setting.

