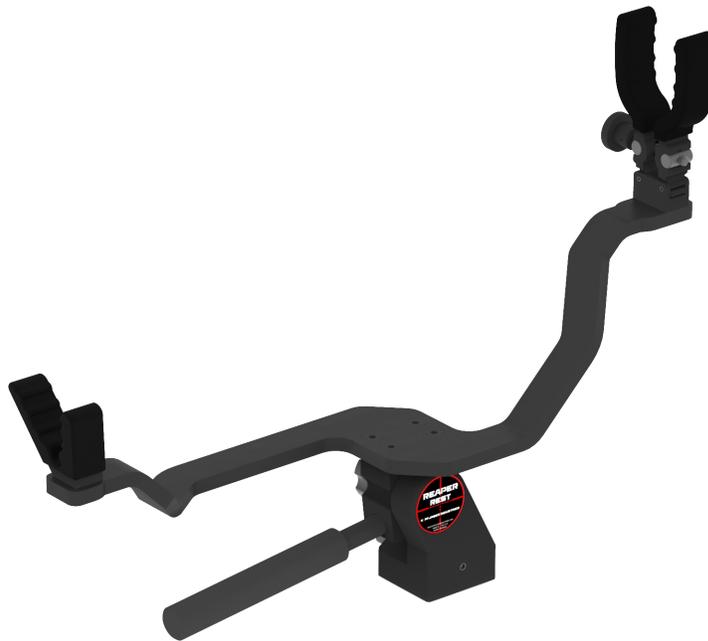
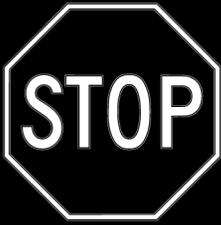


KOPFJAGER INDUSTRIES REAPER REST

User Manual
V.1.00





**KOPFJAGER
INDUSTRIES, LLC.**

If there is a problem with this product, please contact customer service at Kopfjager Industries. Do not return it to the retailer from where it was purchased. Please contact Customer Service at: 5250 Hwy 78, Suite 750 Box 303 Sachse, TX 75048. PH (469) 892-8283
Email: sales@kopfjagerindustries.com
Or visit our website www.kopfjagerindustries.com

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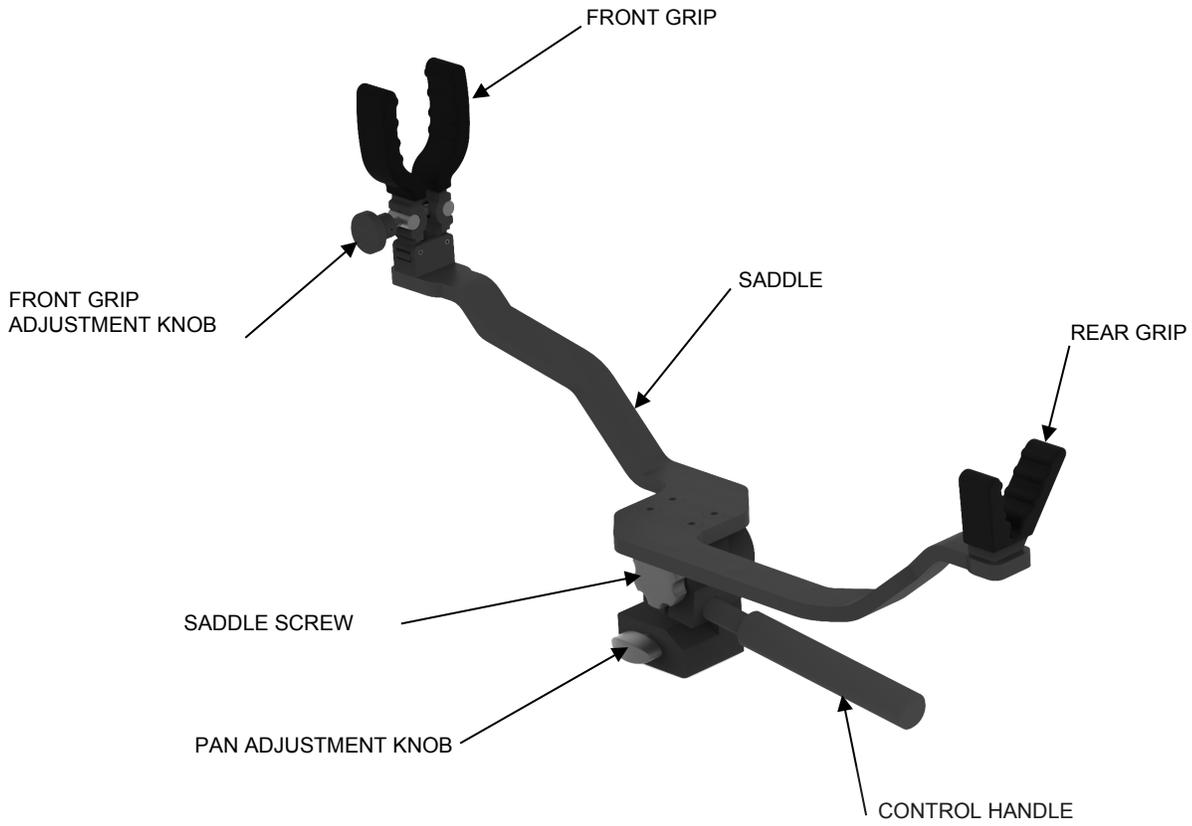
Limited Warranty

Kopfjager Industries products are warranted to be free of defects in materials and workmanship for a period of one(1) year from the date of original purchase. You must also provide proof that you are the original owner, warranty is not transferable. Kopfjager Industries will, at its option, repair or replace without charge, except for transportation costs, parts that fail under normal use and service when operated and maintained in accordance with our instructions. This warranty does not apply to normal wear or to items whose life is dependent upon their use and care. This warranty is in lieu of all other warranties, expressed or implied and releases Kopfjager Industries, its affiliates, and its vendors from all other obligations and liabilities.



WARNING IMPORTANT SAFETY INFORMATION

- Read these instructions in their entirety before using the Reaper Rest. Failure to follow this warning could result in property damage, injury or even death.
- Always follow basic gun safety rules while using the Reaper Rest™.
- The Reaper Rest is intended for use by adults or under strict supervision of an adult.
- Before using the Reaper Rest, make sure all ammunition is removed from the weapon, bolt is locked in the open position and weapon is facing a safe direction with safety on. Extreme care must be taken at all times while a weapon is placed on it.
 - 1) Install the Reaper Rest on a sturdy tripod or other mounting platform.
 - 2) Lock down the saddle by using the control arm before mounting the weapon in the rest.
 - 3) Secure weapon in rest by tightening front grip and be careful to not bump the gun or other weapon while on the rest.
- While using the Reaper Rest, securely hold weapon with both hands and keep contact between the rear of the stock and shoulder at all times while aiming and firing. The Reaper Rest may reduce recoil, but it is not designed to absorb all recoil from any gun or weapon.



The Reaper Rest was created as a universal shooting platform that can provide near bench rest stability in an ergonomic and easily transportable package. Although this shooting platform will reduce felt recoil, it is not a substitute for proper placement of the rifle's stock in the shooter's shoulder.

The Reaper Rest is fully assembled and tested by Kopfjager Industries and is ready to be attached to a tripod or other stable mounting platform. The Reaper Rest is supplied with a 3/8"-16 threaded hole for attaching to tripod or other platform. A 3/8"-16 to 1/4"-20 adapter is also provided for tripods with 1/4"-20 threads. This adapter must be threaded into the base of the Reaper Rest before attaching it to the tripod. When affixing the Reaper Rest to the tripod, tighten the pan adjustment screw first and then thread the bottom of the rest to the tripod. After the rest is secure, slightly loosen this pan adjustment knob to ensure smooth pan rotation and to avoid the unintentional unthreading of the rest as mentioned above.

The pan drag screw has been calibrated by Kopfjager Industries to ensure smooth horizontal movement when the pan adjustment knob has been slightly loosened. Tightening/loosening of this set screw will also change the amount of resistance needed to pan from side to side. Over time, the pan drag screw may need to be tightened/loosened to restore the original feel and resistance during horizontal panning. Use a 3mm hex wrench to adjust pan drag screw. The pan adjustment knob and pan drag screw can also be swapped to make right handed operation possible. If you decide to change the location of the pan screw to the right side, remove the pan drag screw first and install it first on the left side. Tighten the pan drag screw slowly and rotate the Reaper rest left to right until the desired amount of resistance is obtained. Then install the pan adjustment knob. (Note: Over tightening either of these screws could result in the Reaper Rest unintentionally being unscrewed from the tripod when turning counterclockwise or excessive wear on the pan shaft).

Ensure the tripod is balanced and the Reaper Rest is properly secured prior to placing firearm in the front and rear grips of the Reaper Rest. Depending on the tripods overall quality, balance of the tripod setup and environmental factors (such as wind or loose footing) the Reaper Rest could inadvertently tip over without physically maintaining control of this shooting system. Kopfjager Industries is not responsible for damages incurred due to these factors.)

The Reaper Rest's unique saddle design will fit most rifles with no modification of the rifle. Some rifles using high capacity magazines may need to be pushed forward in this rest to allow magazine clearance from the saddle or a lower capacity magazine can be used if the shooter wants the rifle to be centered over the saddle. Other factors such as pistol grips might affect where the firearm will need to be positioned in relation to the saddle.

The front grip adjustment screw is built with a unique opposing thread design. These threads allow the grip to be tightened and loosened faster than a standard single direction bolt thread. Tightening and loosening this front grip should be from the manipulation of the front grip adjustment knob only. Hand tighten the front grip, **DO NOT** use any tools or other means to tighten the front grip, otherwise damage may occur to the front grip or damage to your firearm. At no times should pressure be applied inwardly on the front grips without a firearm installed. Doing so could result in the front grip threaded barrels being dislodged from the front grip arms. The front grip works to harness the front of the rifle to the saddle rest but should not be completely tightened down, esp. on heavier recoiling rifles such as .300wm and heavier recoiling rifles. Doing so could result in damage of the front grip.

The control arm serves as both an ergonomic fixture to assist in the manipulation of the rifles point of aim and also gives the shooter the ability to lock the rifle in place at the desired vertical angle. This control arm is reverse threaded(left hand) to provide a right handed shooter increased locking ability of the control arm but is still fully capable of being successfully operated by a left handed shooter. Properly adjusting the pan adjustment knob and the control arm allows for smooth tracking of a target 360 degrees horizontally and 100 degrees vertically. Never leave a loaded firearm in this rest without having positive physical control over the shooting system.

The Reaper Rest has an included pan slack adjustment screw(see Figure 1). This is provided to help eliminate play in the connection point between the rest and tripod. If excessive play is noticed between the attachment point of the rest to the tripod, slightly tighten this screw by using a 1/8" hex wrench. This adjustment should only require minimal tightening. Over tightening of this screw will lock horizontal adjustment of the rest.



Figure 1

To make the Reaper Rest more easily transported, the saddle (upper part of Reaper Rest) can be removed from the hinge block dowel. The saddle is removed from the hinge block by unscrewing the saddle screw from the hinge block dowel(see Figure 2). Then loosen the control arm until the saddle slides off the dowel. The Reaper Rest can then be reassembled with ease after getting to the desired firing position. (Note: The saddle screw will not make contact with the saddle attachment when tightened to keep it from backing off during normal use. Elimination of saddle side to side movement on this dowel is achieved by tightening the control arm to a point that allows smooth vertical adjustment without complete locking down of the control arm.



Figure 2

When using the Reaper Rest, the offhand should remain on the control arm. This will not only help maintain total control of the weapon but will also minimize the risk of the weapon falling and possibly tipping the tripod. Also, when the offhand is on the control arm it minimizes the risk of getting fingers pinched. The images below shows how not to position your hand when using the Reaper Rest.

Improper offhand position

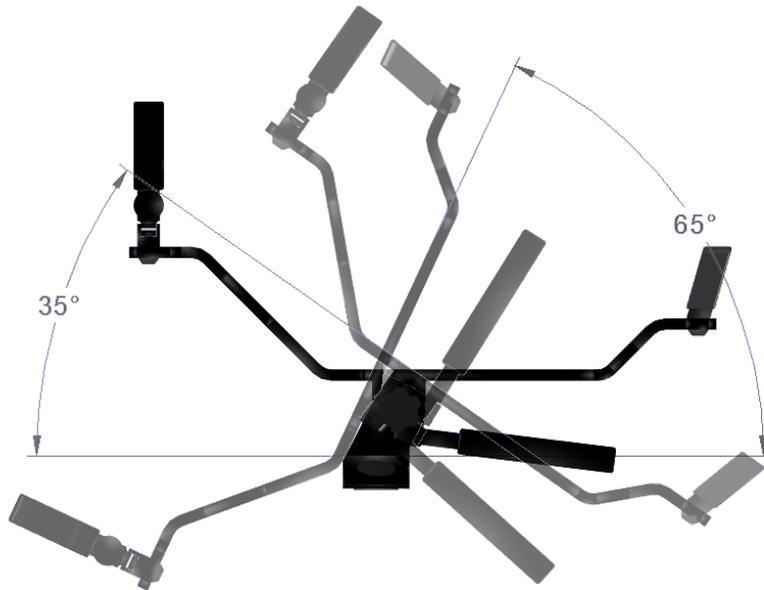


Proper offhand position



Care and Maintenance

Your Reaper Rest should provide years of use if it is properly maintained. The Reaper Rest is made from aircraft grade anodized aluminum and should require little maintenance. Some of the hardware used is black oxide steel, these parts can get a light coating of rust if not properly dried if it becomes wet. Normal rust inhibitor such as gun cleaning oil can be used to protect these parts and also lubricate them. Over tightening of the pan adjustment screw may also cause metal shavings to accumulate and cause the pan action to become rough. If this happens, loosen both the pan adjustment screw and the pan drag screw and rotate the Reaper Rest until it becomes smooth again. Do not attempt to remove the pan shaft, by doing so, this will void the warranty.



Specifications

Overall Dimensions- 19" L X 13" H X 4" W
Weight--3.6 lbs
Min/Max Front Grip Opening--1.0" -3.75"
Pan Rotation Angle --360°
Vertical Rotation Angle--65° down- 35° up
Mounting Threads--3/8"-16

Replacement Parts

If at anytime you need to replace a lost or broken part of your Reaper Rest, please call customer service or visit our web page www.kopfjagerindustries.com or www.reaper-rest.com for current pricing. Below is a list of standard replacement parts available.

PART	PART NUMBER	DESCRIPTION
	WS100-101	FRONT GRIP ASSY
	WS100-020	PAN ADJUST SCREW
	WS100-021	SADDLE SCREW
	WS100-022	PAN DRAG SCREW
	WS100-023	PAN SLACK SCREW

Disclaimer

- By accepting a Kopfjager Industries product, the buyer agrees to hold harmless Kopfjager Industries and all associated parties from liability for any damage to persons or property which may result, for any reason, from the use or misuse of any Kopfjager Industries product.
- Kopfjager Industries may implement design changes or modifications at any time.
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