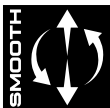


# KOPFJÄGER

## REAPER RAIL PICATINNY/ARCA SWISS



HEAVY DUTY  
CONSTRUCTION



SMOOTH  
PAN / TILT



USER FRIENDLY  
OFFSET GRIP



PRECISE  
LONG RANGE  
PRECISION



DIRECT  
PICATINNY  
MOUNT



DIRECT  
ARCA SWISS  
MOUNT



USER MANUAL

KJ86004 – KJ86005

# KOPFJÄGER REAPER RAIL USER MANUAL

Thank you for choosing Kopfjäger, home of the world's best, most versatile tripod-mounted gun rest systems. Every ounce of product knowledge you need to become a Kopfjäger Gun Rest expert is contained in these few pages—the rest is just trigger time. Welcome to our ranks.

## REAPER RAIL UPPER ASSEMBLY (ARCA SWISS AND PICATINNY)

The Reaper Rail Upper Assembly is designed as a replacement part to replace the top end of your existing Reaper Rail, switch between Arca Swiss and Picatinny, or as an accessory to quickly and easily transform your Reaper Grip into a Reaper Rail. The Reaper Rail anchors your firearm to the rail adapter installed on your firearm. The Reaper Grip maximizes proper shooting techniques outside of the supported prone position. Note: Make sure the Reaper Rail Upper Assembly you have purchased matches the rail section installed on your firearm. The Reaper Rail system is not interchangeable between Arca Swiss and Picatinny.

## MOUNTING

Using a 5/32" Allen wrench, remove the four Allen-head mounting screws from that fasten the direct mount plate to the top of the saddle clamp. Align the screw holes on the Reaper Rail Upper Assembly with the holes in the top of the saddle clamp. Insert the four mounting screws and tighten.

## SECURING A STOCK OR CHASSIS IN THE REAPER RAIL

To secure a stock or chassis in the Reaper Rail, set the firearm's Arca Swiss or Picatinny rail section into the rail clamp and tighten the tension knob located on the side of the clamp until the firearm is secure.

## CANT ADJUSTMENT

The Reaper Rail includes cant adjustment. In long-range shooting cant affects point-of-impact (POI); in fact, more extreme angles of cant, as well as longer distance shooting, especially extreme distances, produces significant POI shift—just 1° of cant may result in a 6" POI shift at 1,000 yards. For this reason, the Reaper Rail includes 22° of cant adjustment (11° in each direction). For proper cant adjustment, you should have a cant indicator (most often a bubble level attachment) correctly attached to your stock, optic mount or the optic itself.

To adjust cant, loosen the cant adjustment knob. Rotate your firearm clockwise (right) or counterclockwise (left) on the cant swivel until your cant indicator bubble is centered. Holding the rifle steady, tighten the cant adjustment knob. Check for cant again and adjust if necessary. You may also choose to shoot with the cant adjustment knob slightly loosened to allow for on-the-fly cant adjustments.

## WARNING

Before handling the Reaper Rail, read and understand the contents of your bipod's manual, and the Kopfjäger Reaper Rail manual. Follow all standard safety precautions and procedures during use.

- Never leave a loaded firearm in the rest without having positive physical control over the shooting system.
- Do not exceed the tripod's maximum load capacity.
- Ensure the Reaper Rail is fastened.
- Always remove camera, spotting scopes and other accessories during setup or transport.
- Please use standard lubricant or grease when necessary

Please visit [www.kjrests.com](http://www.kjrests.com) for warranty details and information

## SPECIFICATION: PICATINNY

<b>GENERAL DESCRIPTION</b>	
Brand Name	Kopffäger
Model Name	Reaper Rail Upper Assembly - Picatinny
Category Name	Shooting Rests
SKU Number	KJ86004
UPC Number	812495026140
<b>TECHNICAL SPECIFICATIONS</b>	
Dimensions, in/mm	4.1 x 2.5 x 2.5 / 105 x 63.5 x 63.5
Material	Aluminum
Weight, lbs/g	.62 / 282

## SPECIFICATION: ARCA SWISS

<b>GENERAL DESCRIPTION</b>	
Brand Name	Kopffäger
Model Name	Reaper Rail Upper Assembly - Arca Swiss
Category Name	Shooting Rests
SKU Number	KJ86005
UPC Number	812495026157
<b>TECHNICAL SPECIFICATIONS</b>	
Dimensions, in/mm	4.1 x 2.5 x 2.375 / 105 x 63.5 x 60
Material	Aluminum
Weight, lbs/g	.65 / 292