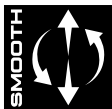




## REAPER GRIP



**HEAVY DUTY  
CONSTRUCTION**



**SMOOTH  
PAN / TILT**



**USER FRIENDLY  
OFFSET GRIP**



**PRECISE  
LONG RANGE  
PRECISION**



**PROTECTIVE  
PADDING**



**ADJUSTABLE  
TAPERED GRIP**



**USER MANUAL**

**EU-KJ86000**

# KJI REAPER GRIP USER MANUAL

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

## DIAGRAM

1. Control Arm
2. Mounting Base
3. Drag Adjustment Knob
4. Hinge Block
5. Grip Adjustment Knob
6. Fixed Curved Grip
7. Pivoting Curved Grip
8. Saddle Clamp
9. Dowel Pin Cover (only remove to clean)
10. Locking Pin

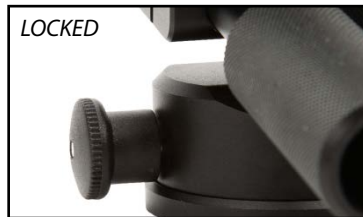


## ASSEMBLY

Your Reaper Grip comes in a slightly disassembled form. To assemble, simply screw the control arm into the saddle clamp. **The control arm is reverse threaded.** Do not overtighten. Locking the Reaper Grip into position takes minimal torque. Overtightening the control arm may damage your Reaper Grip. Your Reaper Grip is now assembled and ready to attach to a tripod or other mounting fixture like the KJI Ambush. Your Reaper Grip is equipped with a 3/8-16" threaded hole on the underside of the hinge block. If your tripod or mounting fixture requires 1/4-20 threading, your Reaper Grip includes an adapter. Once you ensure your thread patterns match, you are ready to mount the Reaper Grip.

## ATTACHING TO TRIPODS OR OTHER MOUNTING FIXTURES

The Reaper Grip is equipped with a locking pin to prevent rotation of the base when attaching or removing the Reaper Grip from a tripod or other mounting fixture. To mount the Reaper Grip to the tripod, you first need to ensure the locking pin is engaged and in the locked position. To do this, rotate the hinge block while holding onto the base plate. You should hear an audible click when the locking pin engages in one of the four stops. These stops are located in 90-degree increments. You should now be unable to independently twist the base plate from the hinge block. After locking the base plate, you can now tighten the Reaper Grip to the tripod. Once you have firmly mounted the Reaper Grip to the tripod, disengage the locking pin by pulling the knob out and slightly rotating it in either direction.



## DRAG ADJUSTMENT (PANNING)

Opposite the locking pin, you will find the Drag Adjustment Knob. The Reaper Grip is designed to enhance engagements with stationary targets, as well as tracking moving targets. As such, the horizontal pan was not designed to completely lock down. The drag adjustment knob is constructed of a nylon tip to create a smooth horizontal pan that can increase or decrease the resistance of the horizontal motion. Tighten the drag adjustment knob (clockwise) to increase drag (passive resistance). Loosen the knob (counterclockwise) to decrease resistance. Do not overtighten the drag knob. Doing so may damage your Reaper Grip.

## REVERSE HANDING FOR LEFT-HANDED SHOOTERS

The Reaper Grip is shipped in a right-handed shooter orientation. For left-handed shooters, simply remove the four allen screws from the grip's control handle assembly by using a 5/32" allen wrench. Rotate the grip 180 degrees and re-install the four screws.



## SECURING A STOCK OR CHASSIS IN THE GRIP

To secure a stock or chassis in the Reaper Grip, set the stock down into the Grip just forward of your magazine compartment (this prevents obstructions of rifle components you may need to access). Hold the rifle so the stock or chassis is resting completely at the base of the grip. Tighten the grip knob until the rifle is secure. The Grip pivots to accommodate tapered stocks and chassis. The tops of the grips also curve inward slightly, toward the interior of the grip. The curved grip is designed to pull and hold the stock or chassis down into the bottom of the grip.



## KJI REPLACEMENT GRIP SLEEVE

If your grip begins to wear down, you can purchase a replacement grip sleeve (EU-KJ89004.) Simply slide off the old rubber grip sleeve and replace with the new sleeve.



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

## WARNING

Before handling the Reaper Grip, read and understand the contents of your tripod manual, as well as this KJI Reaper Grip manual. Follow these safety precautions:

- Never leave a loaded firearm in the rest without maintaining positive physical control over the shooting system.
- Do not exceed your tripod's maximum load capacity. (see your tripod manual)
- Ensure the Reaper Grip is fastened tightly to your tripod.
- Ensure your firearm is gripped tightly and is secured at the bottom of the grip assembly.
- Always remove your firearm and accessories from the Reaper Grip during setup and before transporting.

## MAINTENANCE

To clean the stainless steel dowel pin, remove the dowel pin cover and loosen or remove the control arm. Ensure the direct mount plate is perpendicular to the top of the hinge block so that the grip adjustment bolt is centered on the recessed channel (at the top of the hinge block) and pull the saddle clamp (away from the hinge block) off of the dowel pin. Wipe away debris from the dowel pin. Re-install the saddle clamp on the dowel pin. Re-install the dowel pin cover. Re-install the control arm.

- Do not use lubricants or grease on the stainless steel dowel pin
- Use standard lubricant or grease on the control arm threads as necessary

## GENERAL DESCRIPTION

Brand Name	KJI
Model Name	Reaper Grip System
Category Name	Gun Rests
SKU Number	EU-KJ86000

UPC Number	812495029394
<b>TECHNICAL SPECIFICATIONS</b>	
Dimensions, in/mm	6,84 x 6,04 x 6,57 / 174 x 153 x 167
Material	Aluminum
Vise width range, in/mm	1,5 - 2,9 / 40 - 71
Pan rotation angle	360°
Vertical Rotation Angle	87° Down , 21° Up
Mounting	3/8" - 16 Threaded Hole
Weight, lbs/g	0,67 / 306
<b>INCLUDED ACCESSORIES</b>	
	Camera thread adapter
<b>RELATED ACCESSORIES</b>	
	EU-KJ85001 KJI K700 AMT Tripod
	EU-KJ85002 KJI K800 CF Tripod
	EU-KJ85005 KJI Ambush Support Assembly
	EU-KJ85005K KJI Ambush Shooting Rest Kit
	EU-KJ89004 KJI Replacement Grip Sleeves
	EU-KJ89002 KJI Reaper Rig Accessory Plate
<b>FEATURES</b>	
	Smooth Pan/Tilt
	Heavy Duty Construction
	Locking 4cm - 7,1cm firearm grip



[www.KJlprecision.com](http://www.KJlprecision.com)