

Assembly and Use Guide for the KAPtery Pendulum Kit

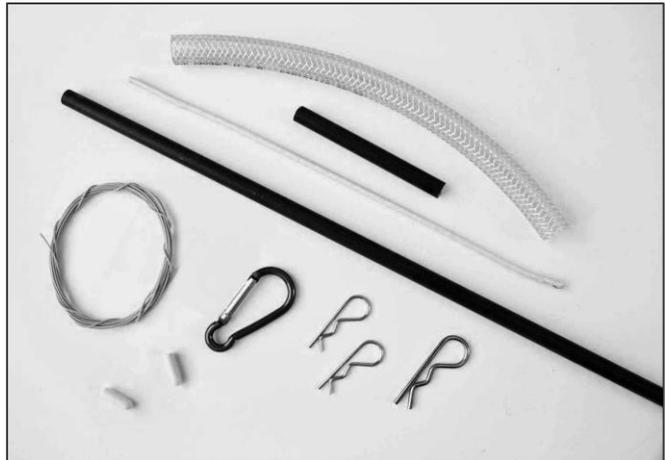
Parts List at [KAPtery.com/guides](http://kaptery.com/guides)

Technical support: <http://kaptery.com/contact/>

This kit includes parts with all of the holes drilled.

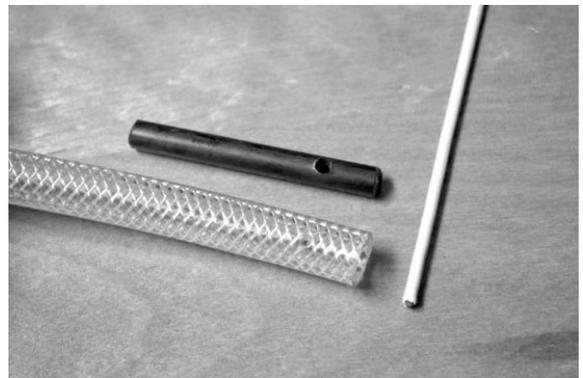
Tools needed

- pliers or Vise-Grips
- glue (e.g., super glue)

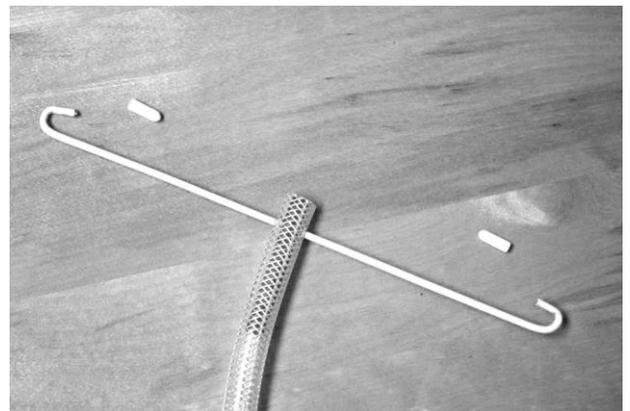
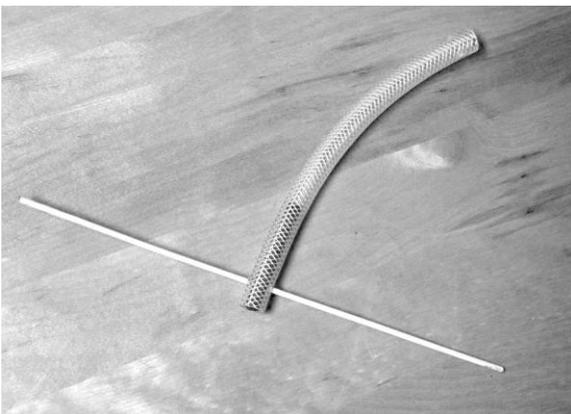


Step 1. Install the stiff wire for attachment to the flying line

1. Insert the short tube into the top end of the PVC tube until the holes align.
2. Pass the vinyl coated wire through the PVC tube and the fiberglass tube.
3. Use strong pliers to bend the ends into a hook. Wrap the coated wire with thick cloth to protect the vinyl, and grip the wire tightly to prevent twisting which will rip the vinyl. Bend more to close the hooks some if you will be jerking the line to operate the JerkPan.
4. Glue the vinyl caps onto the ends of the wire.



The short black tube stiffens the end of the flexible tube and helps hold the rig away from the flying line.



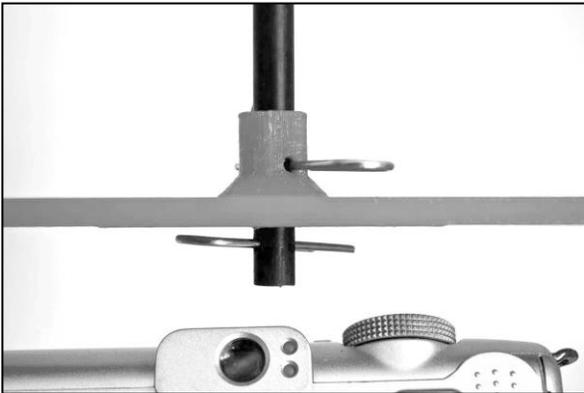
A little superglue will hold the caps on.

Step 2. Attach the damper to the top of the shaft

Insert one end of the 38 cm shaft (the end with a single drilled hole) into the free (lower) end of the flexible tubing. Rotate the shaft until holes align and insert the large cotter pin through the holes until it locks. The shaft can be attached in three or more different orientations to point the camera rig.



Insert the larger cotter pin until it locks around the tubing.



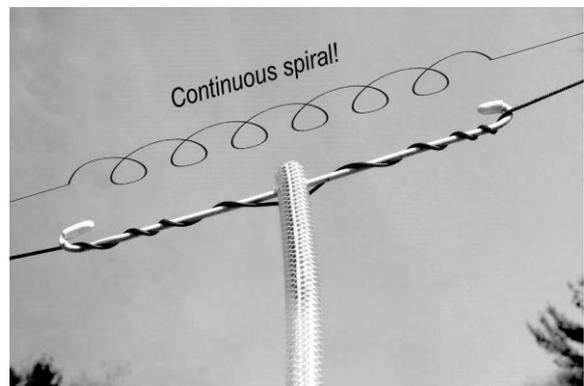
One pin prevents rotation of the rig, the other pin prevents disaster if the other pin fails.

Step 3. Attach the camera rig

Insert the lower end of the shaft into the top bracket of the Redstone, Aerobee, or Titan 2 Rig. Insert one cotter pin beneath the rig frame and one through a hole in the bracket. Use the smaller size cotter pins. **Both pins are important to secure the rig.**

Step 4. Attach the flying line

To attach the pendulum to a flying line, wrap the line 4 to 5 times around each end of the vinyl coated wire. **Important.** Make the spiral on one half of the wire in the same direction as the spiral on the other so the **spiral is continuous** for the length of the wire. The entire pendulum can fall off if the spiral is not continuous!



Remember: Continuous Spiral!!!

Step 5. Attach a lanyard

Make a redundant connection between the camera and flying line with a short piece of Dacron line and a carabiner. A lanyard cannot be used when the JerkPan is engaged.