

## Note:

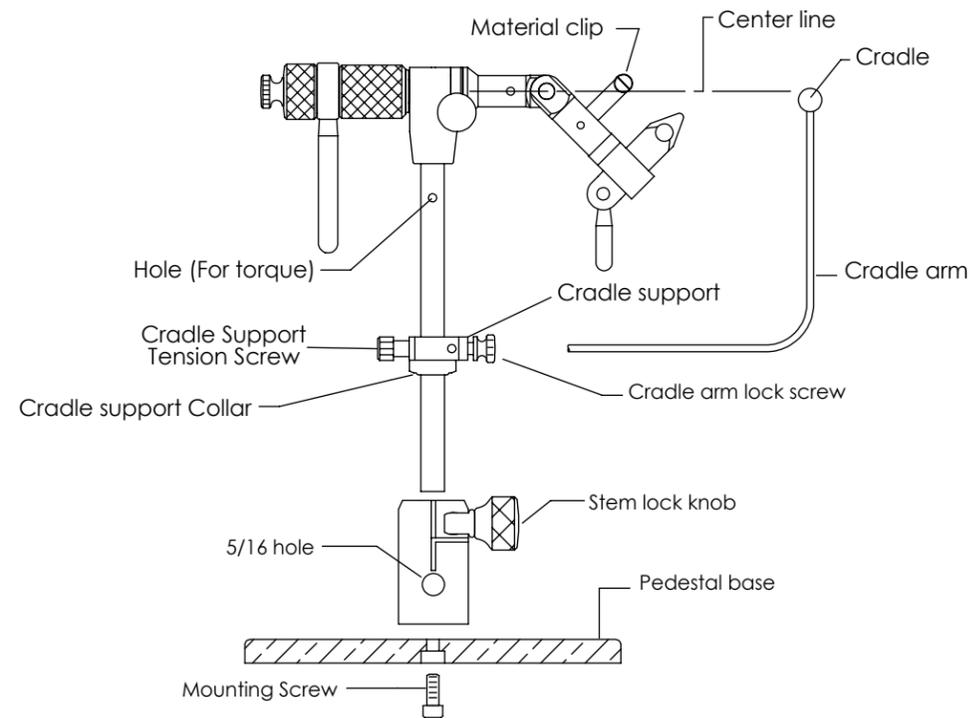
We urge you to take the time to familiarize yourself with the mechanics of your Master vise. Rotary tying can be easier and more productive. See tips (opposite page). Please return your warranty card to validate your warranty.

## Vise Assembly

Your vise has been assembled and lubricated at the factory. All you have to do is attach it to your existing c-clamp or pedestal base as shown below. The jaws on your vise have been hardened and treated with a mil-spec corrosion resistant coating. After use they should be coated with oil or rust inhibitor like WD-40 to prevent rust or oxidation caused by acidity in your fingers.

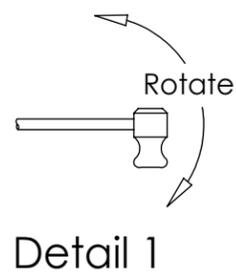
Please note, our warranty does not cover damage from rust or neglect.

1. Loosen stem lock knob enough to prevent interference with stem. slide stem into the hole of pedestal base and secure the stem by tightening the stem lock knob.
2. Slide cradle support collar onto pedestal stem as shown below. (Flat side up)
3. Place cradle support on stem as shown.
4. Spin vise head onto threaded end of stem and tighten. Use a hex key or a nail in the hole of the stem for torque if necessary. Be careful not to cross the threads when attaching.
5. Slide cradle arm into the hole in the cradle support and secure.
6. Slide cradle support and cradle support collar up or down on stem so that cradle is on the center line of the rotary shaft as shown below.
7. Loosen the stem lock knob to turn the vise to the desired position.

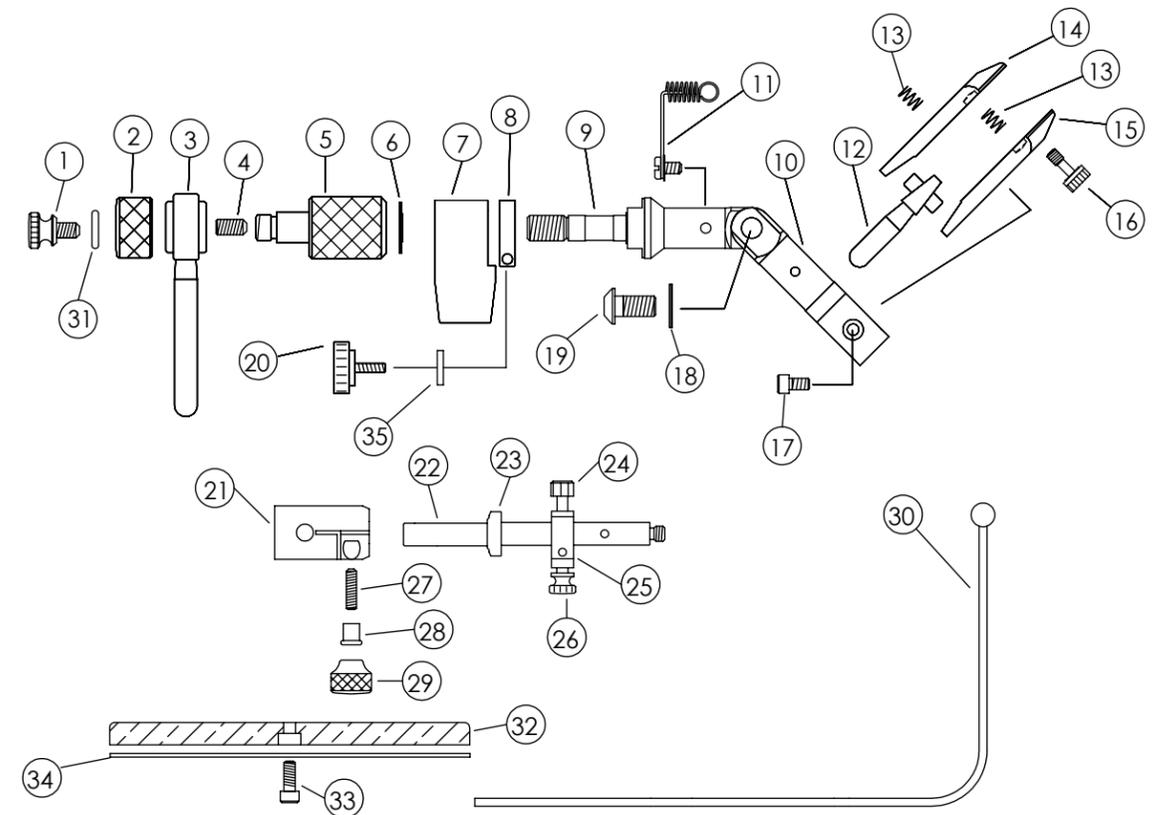


## Cradle adjustments

1. Always adjust the cradle arm so that the cradle is close to the eye of the hook. This prevents having to wind up alot of thread after rotary tying.
2. Use the cradle support tension screw to add a little drag to the cradle support so that the cradle still swings relatively easy.
3. If the cradle is in an awkward position for you it can be rotated as shown in detail 1. The cradle is fairly snug on the arm so be sure to firmly hold the wire to prevent bending it.



# Renzetti Masters 6000 Series True Rotary® M6004 Salt Water Pedestal Base Vise



Lubricate all threads and moving parts as needed

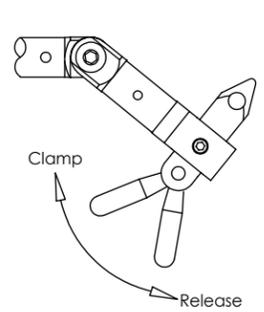
Serial # \_\_\_\_\_

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	500-25001	Master End Cap Screw	1	19	120-01427	Hinge Screw	1
2	290-40806	End Cap	1	20	110-00001	Rotary Tension Screw	1
3	290-40277	Rotary Actuator Assy	1	21	252-40162	Stem Support	1
4	120-01038	Support Lock Screw	1	22	250-40008	Pedestal Base Stem	1
5	290-40282	Actuator Support Assy	1	23	290-40262	Cradle Support Collar	1
6	500-25002	Plastic Spacer	1	24	120-01127	Cradle Support Tens. Screw	1
7	500-25003	Master Rotary Head	1	25	290-40500	Cradle Support	1
8	500-25004	Master Rotary Brake	1	26	290-40253	Cradle Arm Lock Screw	1
9	500-25008	Master Primary Rotary Shaft Assembly	1	27	120-01043	Stem Lock Screw	1
10	500-25007	Master Secondary Rotary Shaft	1	28	252-40167	Lock Knob Spacer	1
11	500-25023	Master Material Clip	1	29	290-40296	Stem Lock Knob	1
12	500-25012	Master Cam	1	30	290-40264	Cradle Arm Assy	1
13	130-03038	Jaw Spring	2	31	130-03052	End Cap O-Ring	1
14	500-25031	Master Primary Jaw	1	32	110-00111	Saltwater Pedestal Base	1
15	500-25032	Master Secondary Jaw	Set	33	120-01141	Ped. Base Mounting Screw	1
16	500-25145	Master Jaw Adjusting Screw	1	34	110-00014	Rubber Pad(Pres.)	1
17	120-01118	Jaw Mounting Screw	1	35	120-01600	#3 Washer	1
18	120-01660	Hinge Washer	1	36	500-25025	Hex Key Set( Not Shown)	1

For the complete line of Renzetti products and accessories. Please visit our website:

[www.renzetti.com](http://www.renzetti.com) or [truerotary.com](http://truerotary.com)

Covered under U S Patent & Registration No.:  
2,514,411; 2,077,565; 2,060,740; 2,567,674  
2,535,148; 6,564,494B2; 2,037,995; 5,169,079

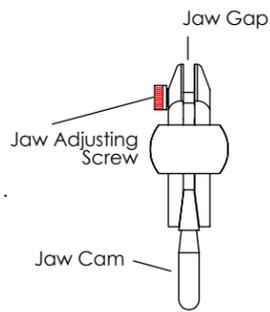


Detail 1

### Setting Jaw Gap

- 1: Be sure the cam is in the released position. See detail 1.
- 2: Use the jaw adjustment screw to adjust the jaw gap until the desired hook just slips into the jaws. See detail 2.
- 3: To clamp the hook swing the cam to the clamp position. See detail 1.

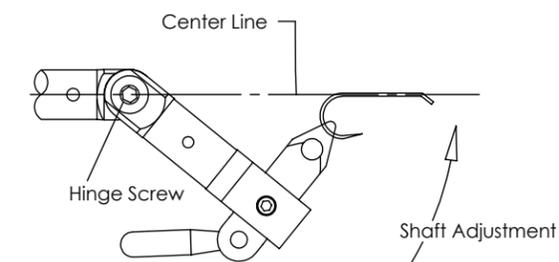
There is no need to exert a lot of force on the cam. Simply clamp the hook and test to see if it moves. If it does, apply a little more force on the cam.



Detail 2

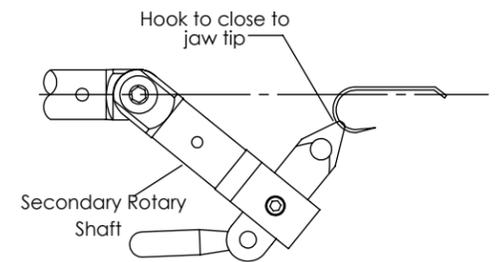
**Overclamping will cause damage to jaws**

### Hook Placement in Jaw



Detail 3

**Correct Hook Placement**



Detail 4

**Incorrect Hook Placement**

**Improper hook placement will damage jaws and void warranty**

- 1: The most important step of rotary tying is the proper positioning of the hook in the jaw. Always place the hook in the jaw so that the shank of the hook rotates on the center line of the rotary shaft. See Detail 3.
- 2: Adjust the secondary rotary shaft so that the hook is not on the extreme tip of the jaw. See Detail 4. Clamping large hooks too close to the end of the jaws will cause jaw failure. The larger the hook the deeper into the jaws it should be located.
- 3: Tighten the hinge screw enough that the shaft will not move when tying, but not so tight that you can't reposition the shaft without loosening the hinge screw.

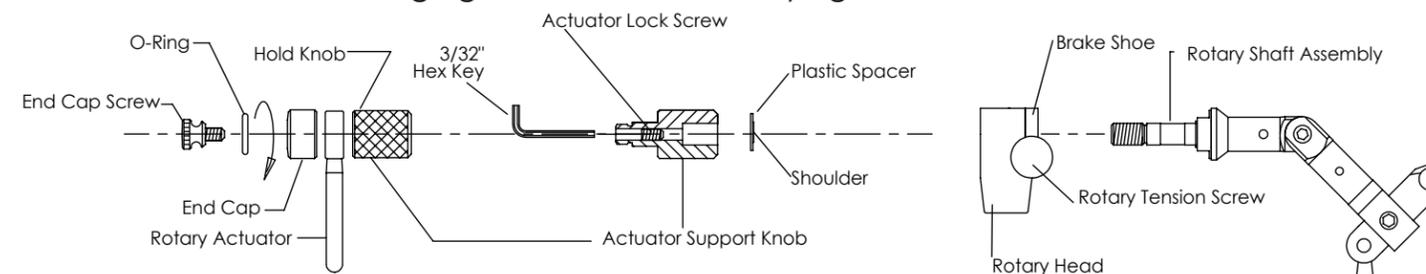
### Optional Attachments

X8007	Parachute Attachment	X8025	Jaw Set
X8002	Saltwater C-Clamp w/8" stem	X8017	6" Stem extension
X8057	Midge Jaw Set	X8016	3" Stem Extension
X8010	Spinning Attachment	X8099	Rotary Tying DVD
X8015	C-Clamp Lap Extension		
X8049	Visual Enhancement Plate		
X8011	Au Sable Speed Crank 2:1 gear ratio		
X8028	Clouser Minnow Arm (Does not include jaws)		

### Tips On True Rotary Tying

- 1: When applying dubbing remember to use your rotary action, this allows you to always be in eye contact with the area you are wrapping.
- 2: The secret to palmering a hackle by rotary is the half hitch. After tying in the hackle, wrap your thread to the point at which you wish to stop the hackle. Then apply a half hitch. Hang the bobbin from the bobbin cradle. As the hackle is palmered the thread will roll with the hook. At the end of the palmer let your hackle pliers hang. Pick up the bobbin; Swing the cradle out of the way and tie off the hackle.
- 3: Remember that a rotary vise makes all sides of your fly viewable by rotating the vise. For more rotary tying techniques ask your retailer for the Renzetti rotary tying tips video.

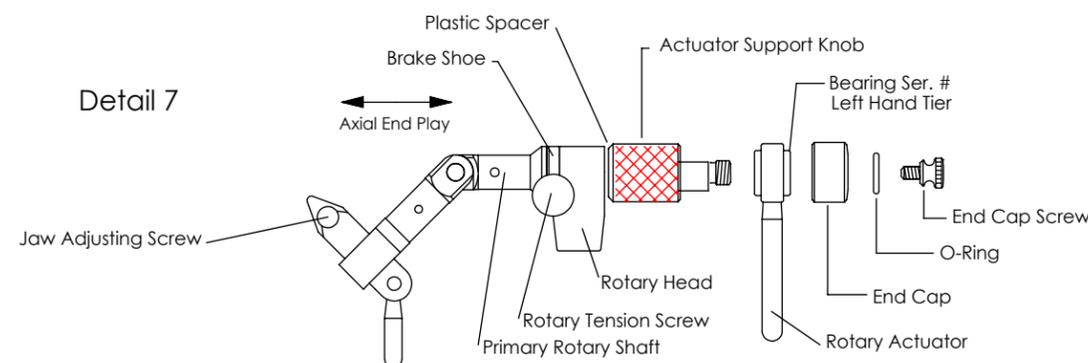
### Changing Vise For Left Hand Tying



Detail 5

Detail 6

- 1: Hold the actuator support knob and turn the end cap clockwise as viewed from the actuator end of the vise. It should only take about 1/4 turn to free up the end cap screw. See detail 5.
- 2: Remove the end cap screw, end cap, and rotary actuator.
- 3: Hold the actuator support knob and loosen the actuator lock screw using the 3/32 hex key supplied with your vise. See detail 6.
- 4: Remove the actuator support and the plastic spacer. See detail 6.
- 5: Slide the rotary shaft assembly out of the head. See detail 6.
- 6: Rotate the brake shoe so that the rotary tension screw is on the opposite side of the rotary head. See detail 7.
- 7: Slide the rotary shaft assembly back through the head. Note: A drop of light oil on the rotary shaft will make reassembly easier.
- 8: Slide the plastic spacer onto the rotary shaft with the shoulder facing the rotary head. See detail 6.
- 9: Lubricate the threads and install the actuator support. Do not overtighten the actuator support. When you feel the support make contact with the plastic spacer, stop.
- 10: Check the rotary shaft for axial end play. The vise should turn freely and not have any axial end play. See detail 7.
- 11: Hold the rotary shaft and the actuator support knob with one hand and tighten the actuator support lock screw with the 3/32" hex key. See detail 6.
- 12: Slide the actuator onto the support with the serial number of the bearing toward the end cap. See detail 7.
- 13: Lubricate and install the end cap. Turn end cap till you touch the actuator then back the end cap off about 1/4 turn.
- 14: Lubricate and install the end cap screw finger tight.
- 15: Remove the jaw adjusting screw and reinstall it from the opposite side of the jaws. Note: This screw more than any other on your vise should be periodically lubricated. See detail 7.



Detail 7

### Bi-Directional Rotation

Your vise has the option of rotating in both directions if you so choose.

- 1: Hold the actuator support and turn the end cap clockwise as viewed from the actuator end of the vise. See detail 2 above.
- 2: Tighten the end cap finger tight against the actuator.
- 3: Do not tighten the end cap screw as this will cause the actuator mechanism to become jammed.
- 4: To return to uni-directional rotation simply back the end cap off about 1/4 turn and tighten the end cap screw finger tight.

### Rotary Tension Adjustment

While tying you should use the rotary tension screw to regulate the amount of restriction to vise rotation. The vise is designed not to be locked enough to cause damage to the rotary shaft. The screw will however generate enough restriction of rotation to allow working on any area of the fly without vise motion. See detail 7.