

Renzetti Presentation 2000 Series True Rotary® Model # P2004 Pedestal Base Vice

Note:

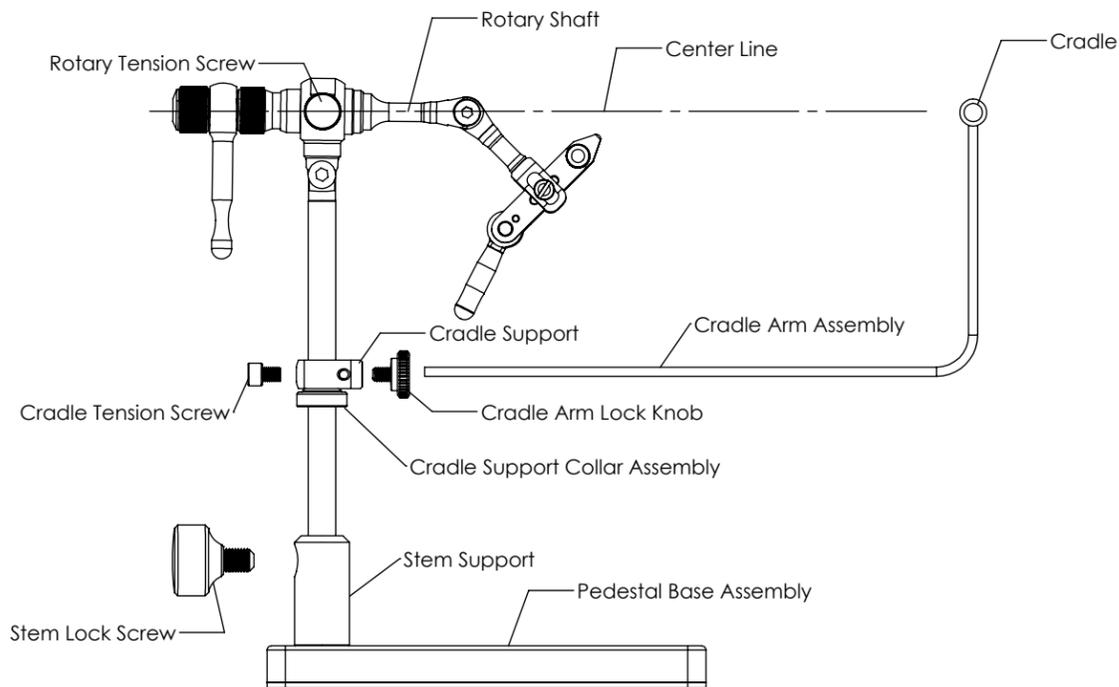
We urge you to take time to familiarize yourself with the mechanics of your presentation vise. Rotary tying can be easier and more productive see tips (opposite page). Please return your warranty card to validate your warranty.

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 a rust inhibitor like WD-40 to prevent rust or oxidation caused by acidity in your fingers.

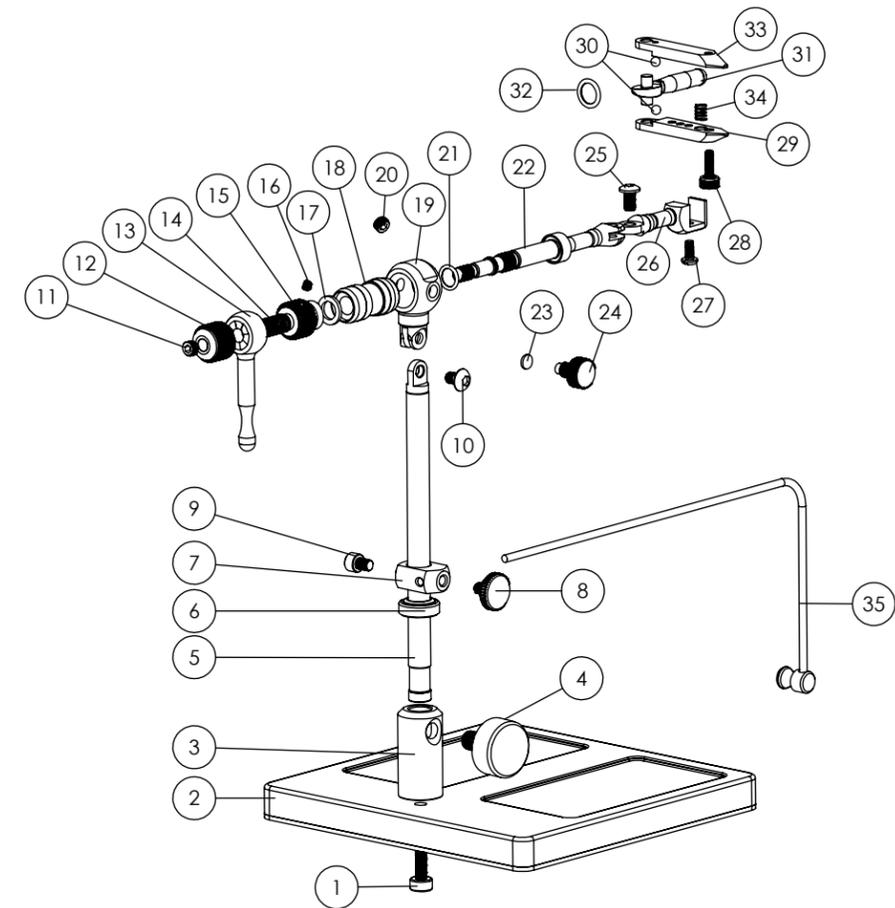
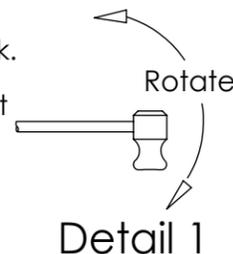
Please note, our warranty does not cover rust damage.

1. Loosen stem lock screw enough to prevent interference with stem. Slide stem into the hole of pedestal base and secure the stem by tightening the stem lock screw.
2. Slide cradle support collar onto pedestal stem as shown below. (flat side up)
3. Place cradle support on stem as shown.
4. Place the vise onto the stem so the head of the hinge screw (24) is facing you. Install the screw and tighten. Note The tightness of this screw, will set the hinge pressure of the vise head.
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 the cradle is on the center line of the rotary shaft as shown below.
7. Loosen the stem lock screw 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 a lot 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.



Lubricate all threads and moving parts as needed.

Item	Part No.	Description	Qty	Item	Part No.	Description	Qty.
1	120-01141	Pedestal Base Mounting Screw	1	19	240-24004	Rotary Head	1
2	252-40156	Base and Pad Assly.	1	20	120-01055	Rotary Head Lock Screw	1
3	252-40161	Stem Support	1	21	130-03053	Rotary Shaft O-Ring	1
4	290-40858	Stem Lock Knob Assembly	1	22	240-24002	Primary Rotary Shaft	1
5	250-40022	Stem	1	23	110-00113	Delrin Tension Button	1
6	290-40263	Cradle Support Collar Assembly	1	24	240-24005	Rotary Tension Knob	1
7	290-40255	Cradle Support	1	25	240-24011	Rotary Shaft Hinge Screw	1
8	110-00003	Cradle Arm Lock Screw	1	26	240-24001	Secondary Rotary Shaft Assembly	1
9	120-01147	Cradle Tension Screw	1	27	120-01450	Jaw Mounting Screw	1
10	120-01149	Rotary Head Hinge Screw	1	28	210-22010	Jaw Adjusting Screw Assembly	1
11	120-01055	End Cap Screw	1	29	400-24032	Primary Jaw	1
12	240-24008	End Cap	1	30	130-03024	Ball Bearing	2
13	240-24006	Crank Arm Assembly	1	31	240-24060	Cam Assembly	1
14	130-03111	Spring	1	32	130-03017	Jaw O-Ring	1
15	240-24009	Rotary Shaft Primary Knob	1	33	400-24033	Secondary Jaw	1
16	120-01008	Primary Knob Lock Screw	1	34	130-03038	Jaw Spring	1
17	240-24014	Rotary Shaft Delrin Washer	1	35	290-40264	Cradle Arm Assembly	1
18	240-24003	Rotary Shaft Housing	1	36	240-24040	Hex Key Set (not shown)	1

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

www.renzetti.com

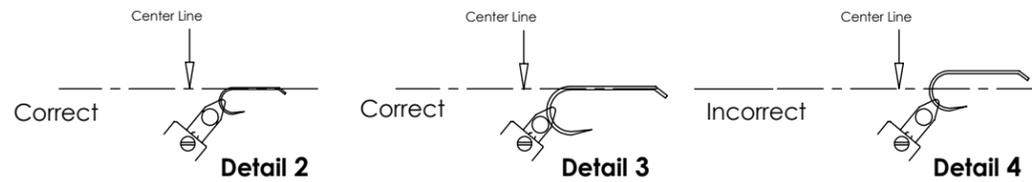
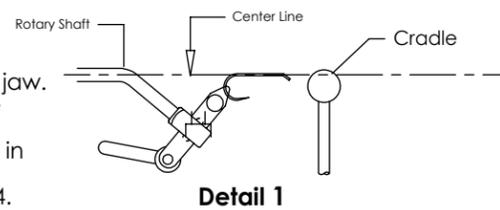
U.S. Patents No.5,169,079 & No.4,169,562

Made in the U.S.A.

Hook Placement in Jaw

Improper hook placement will damage jaws and voids warranty.

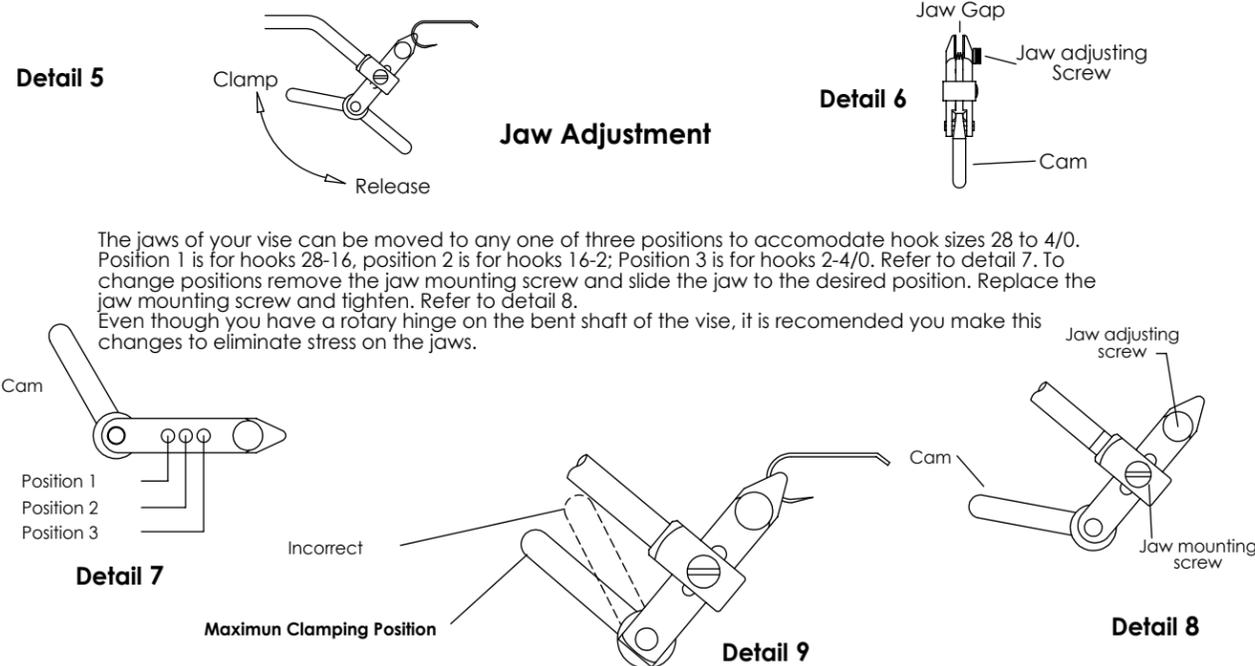
1. The most important step of rotary tying is proper positioning of the hook in the jaw. Always place the hook in the jaw so that the shank of the hook rotates on the center line of the rotary shaft as shown in detail 1.
2. As hook size increases be sure to place the hook deeper in the jaws as shown in detail 2 and detail 3.
3. Never try to hold large hooks at the extreme tip of the jaw as shown in detail 4. This practice will cause premature failure of the clamping faces.



Setting the Jaw Gap

1. Be sure the cam is fully released. See detail 5.
2. Use the jaw adjusting screw to adjust the gap until the desired hook just slips into the jaws. See detail 6.
3. To clamp the hook, swing the cam to the clamp position. See detail 5.
Note: If the cam does not come up to the clamp position, loosen the jaw adjusting screw a little and reclamp the hook. Repeat this procedure until the cam locks the hook in the correct position.

 Note: There is no need to exert excessive force on the cam. Simply clamp the hook and test to see if it moves. If it does slip, readjust the jaw setting screw.



The jaws of your vise can be moved to any one of three positions to accommodate hook sizes 28 to 4/0. Position 1 is for hooks 28-16, position 2 is for hooks 16-2; Position 3 is for hooks 2-4/0. Refer to detail 7. To change positions remove the jaw mounting screw and slide the jaw to the desired position. Replace the jaw mounting screw and tighten. Refer to detail 8. Even though you have a rotary hinge on the bent shaft of the vise, it is recommended you make this changes to eliminate stress on the jaws.

 Note: The recommended locking position is with the cam at 90 deg. to the jaws (See detail 9) Improper hook placement voids warranty on the jaws.

Tips on True Rotary Tying

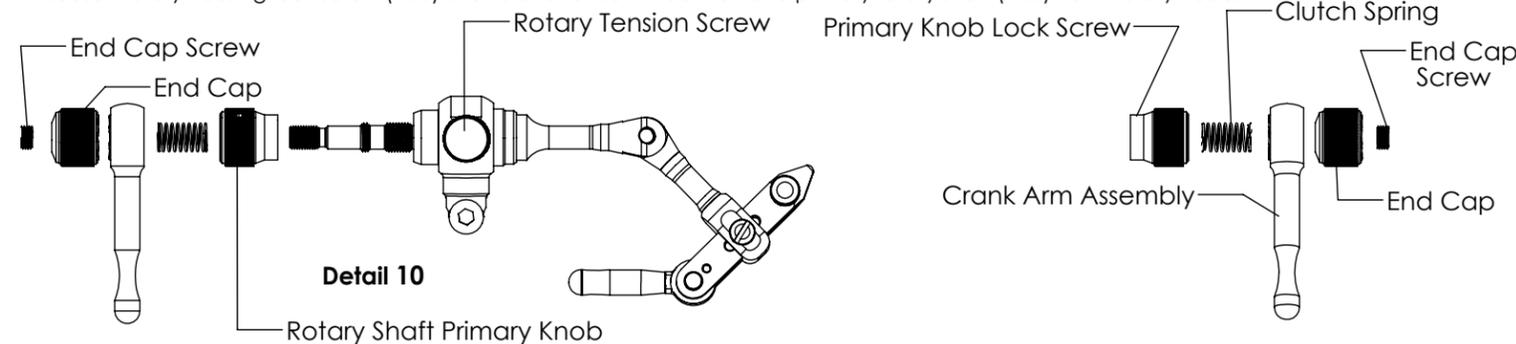
- 1: When applying dubbing remember to use your rotary action, this allows you to always be in contact with the area you are wrapping.
2. The secret to palmering a hackle by rotary is the half hitch. After tying in the hackle, wrap your thread to the point at which you wish to stop the hackle. Then apply 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.

Rotary Actuator Disassembly and Assembly

Disassembly

Hold the rotary shaft and crank arm and loosen hollow lock screw with hex key, Hold down crank arm against primary knob (#15) Remove end cap screw (#11) Remove end cap (#12) Remove crank arm and spring. See Detail 11 Loosen primary knob lock screw (#16) and remove rotary shaft primary knob (#15), Loosen rotary housing lock screw (#20) 2 turns and tension knob. Remove primary rotary shaft (#22) from Rotary head.



Detail 11 (Left handed Shown)

Assembly

For Left Handed Tying:

Remove rotary shaft housing (#18) from rotary head (#19) and re insert from the left side. Ensure (#17) rotary shaft delrin washer remains in the housing Line up rotary tension screw hole, ensure delrin washer (#17) is in place, replace rotary tension screw, Re Insert primary rotary shaft (#22), from the left side of the Rotary head (#19) Adjust Rotary housing lock screw (#20) Replace Rotary shaft primary knob (#15) Readjust primary knob lock screw (#16) Put crank arm on with spring pocket facing end cap. Replace spring & endcap until endcap is snug against the crank arm. Back off end cap 1/4turn. Hold end cap in place and tighten endcap screw. Remove Rotary shaft hinge screw (#25) and rotate secondary rot. shaft 180 degree, Replace hinge screw(#25) Remove jaw mounting screw (#27) and jaws from vise. Remove jaw adjusting screw (#28) from jaws and holding jaw halves together, remove oring from jaws, (carefull not to lose jaw spring and ball bearing). Turn cam 180 degree, and re assemble the jaws (now left handed). Re attach jaws to vise

To lock the crank arm for rotation in both directions, tighten the endcap against the crank arm.

For counter clockwise rotation: loosen endcap screw, remove endcap , crank arm and spring, replace crank arm with clutch teeth facing primary knob. Replace spring and endcap. Hold endcap and tighten endcap against crank arm. Back off 3/4 of a turn. Hold in place and tighten endcap screw.

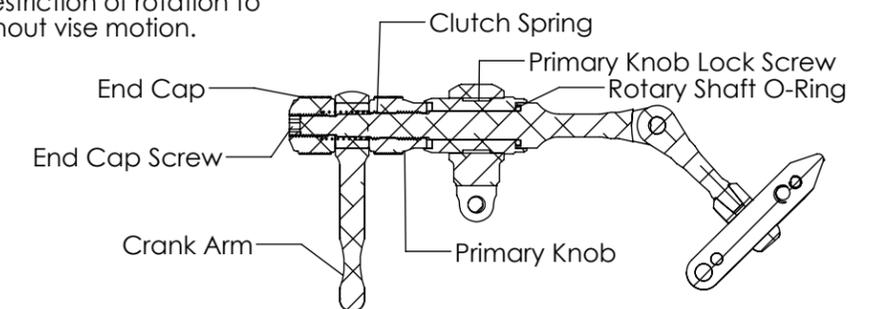
Rotary Tension Adjustment

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.

Make sure the rotary tension knob is loose. Loosen primary knob lock screw, Set the tension desired on the primary knob,

Note 1: The primary knob lock screw needs to be snug each time you make an adjustment to the rotary tension.

Note 2: After adjusting the primary rotary tension, you may need to re set the clutch adjustment.



End Play Adjustment