

SUT-350SD

UNPACK AND IDENTIFY THE FOLLOWING PARTS.

Failure to follow the assembly instructions could result in serious injury.

Incorrect assembly or modifications to your dolly will void any specific or implied warranty.

For questions or assistance assembling your trailer call 800-282-5042.

Suggested tools



Open end 9/16” wrench, pliers, ratchet, 9/16” socket, and torque wrench.



Tongue section.



Axle assembly and diagonal struts.



Front tongue with plates, bow stop, and handle.



Contents of parts bag 1

- 2) Square black plastic cap, 4) Nylon retainer washer, 4) Four prong knob, 2) Aluminum cotter key



2) Upright assemblies 2) Pad bracket skid, 2) 10" Padded cradles, 1) 3" wide by 9' long web strap



2) Wheel assemblies

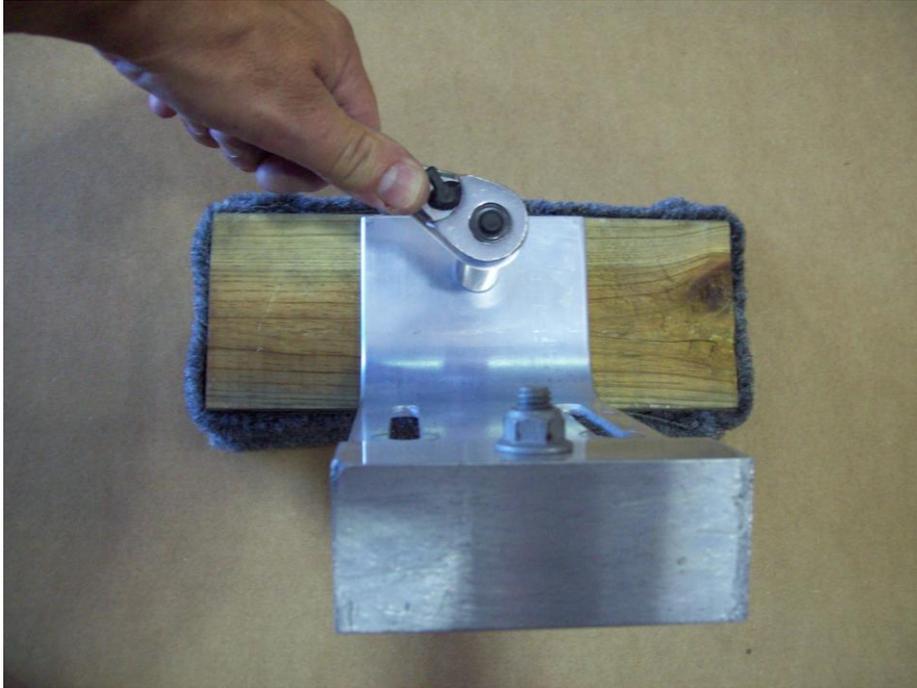


Contents of parts bag 2

4) Upright attaching brackets 16) T-bolts, 16) Nuts, 2) Web strap clip



Locate the 10" padded cradle and remove the lock washer and nut from the backside.



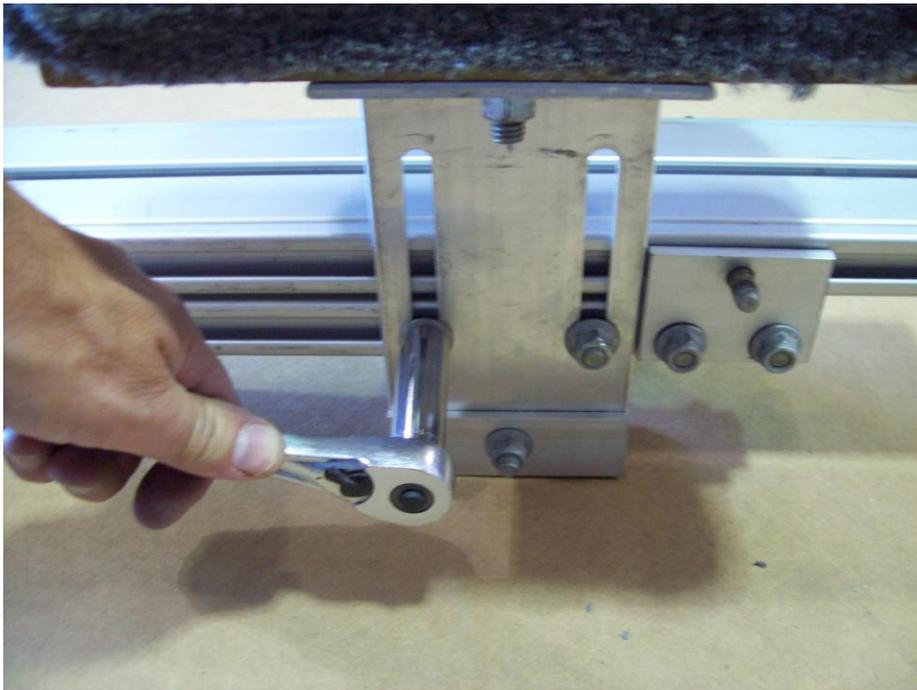
Install skid bracket on the bottom of the padded cradle as shown. Reinstall lock washer and nut then tighten.



Once together, cradle assemblies should look like this.



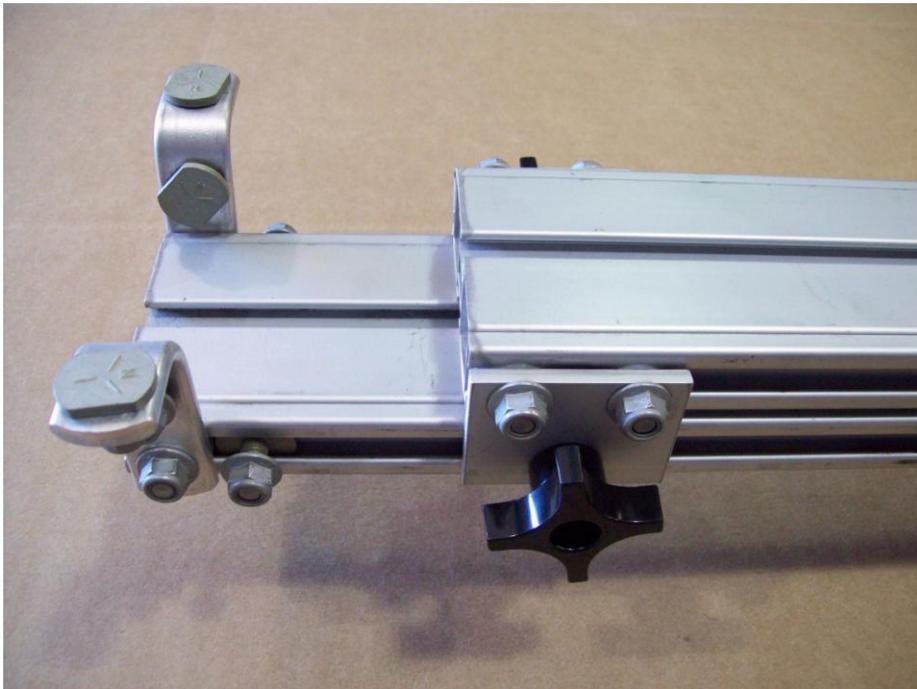
Remove the nuts from both sides of the lower tongue section.



Install cradle assembly over the bolts on tongue section. Reinstall nuts and tighten.



Install 2 four prong knobs on the upper tongue. Leave knobs loose for now until finished.



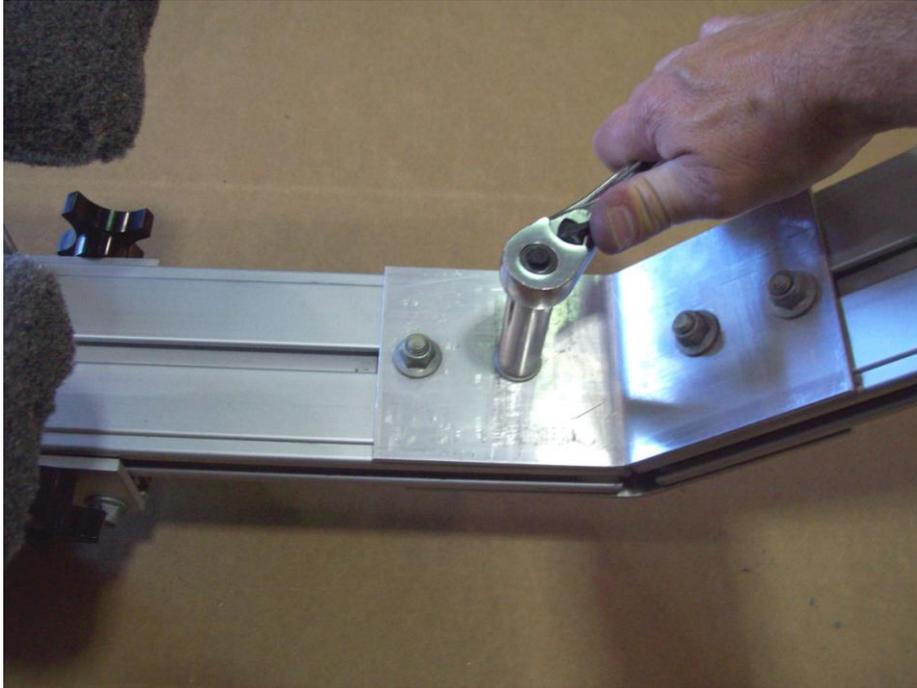
Install the other 2 four prong knobs on the lower tongue section. Leave knobs loose for now until finished.



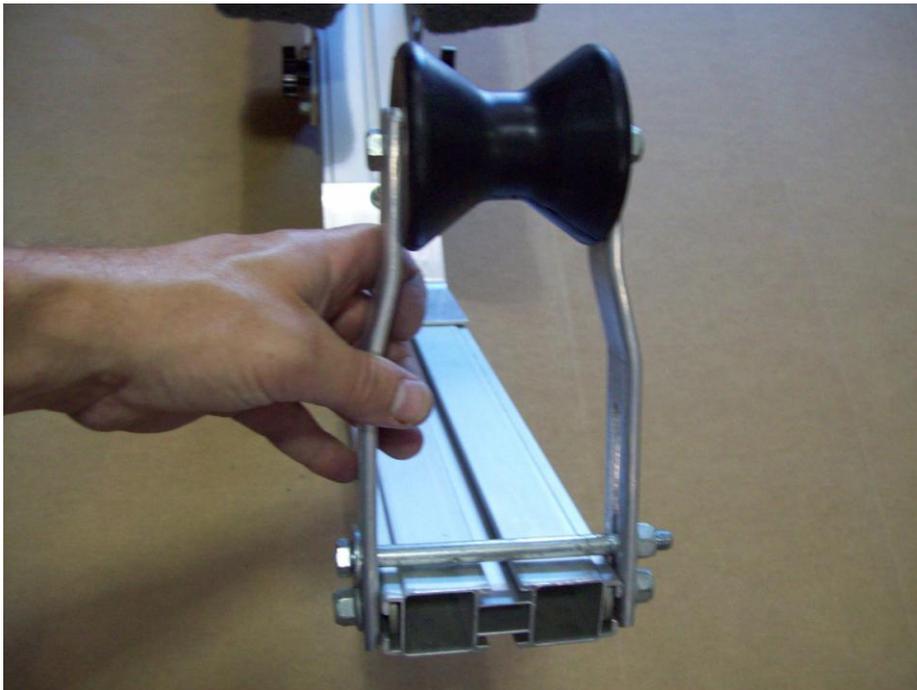
Slide the upper tongue section out enough to attach the front tongue section with plates.



Install front tongue section into upper tongue as shown.



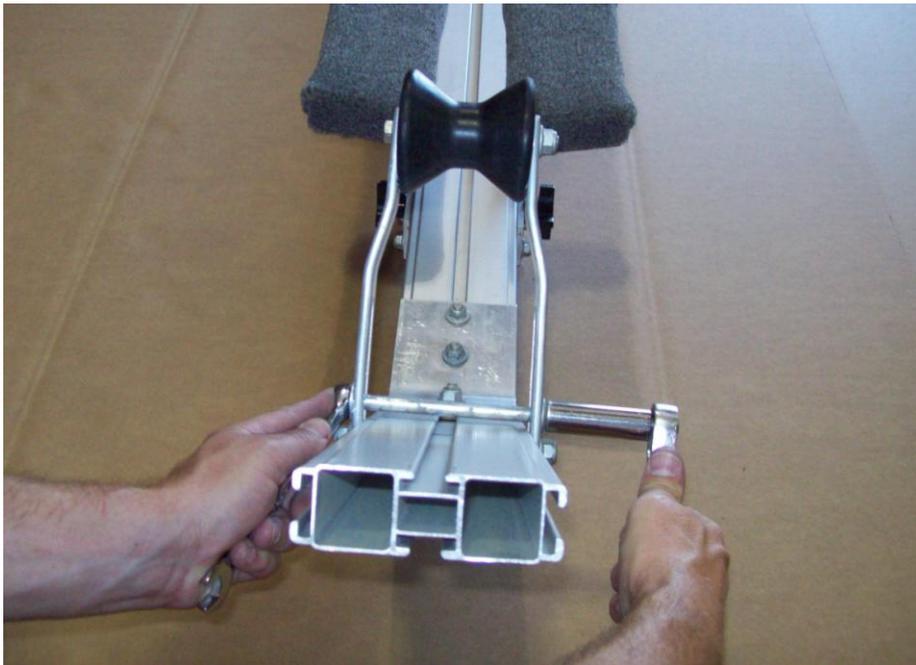
Tighten nuts at this point.



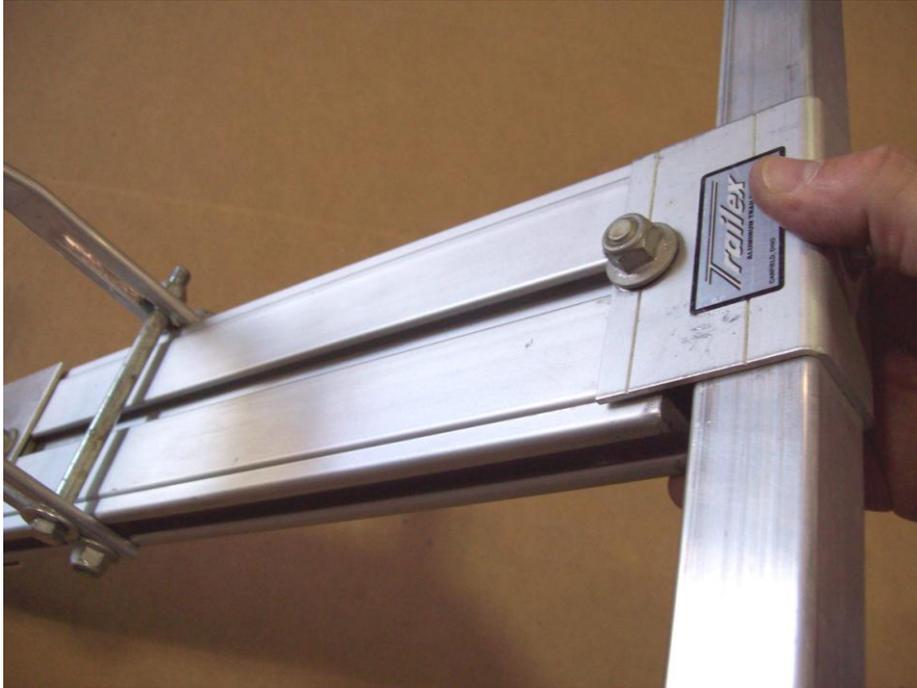
Install bow stop on front tongue section as shown.



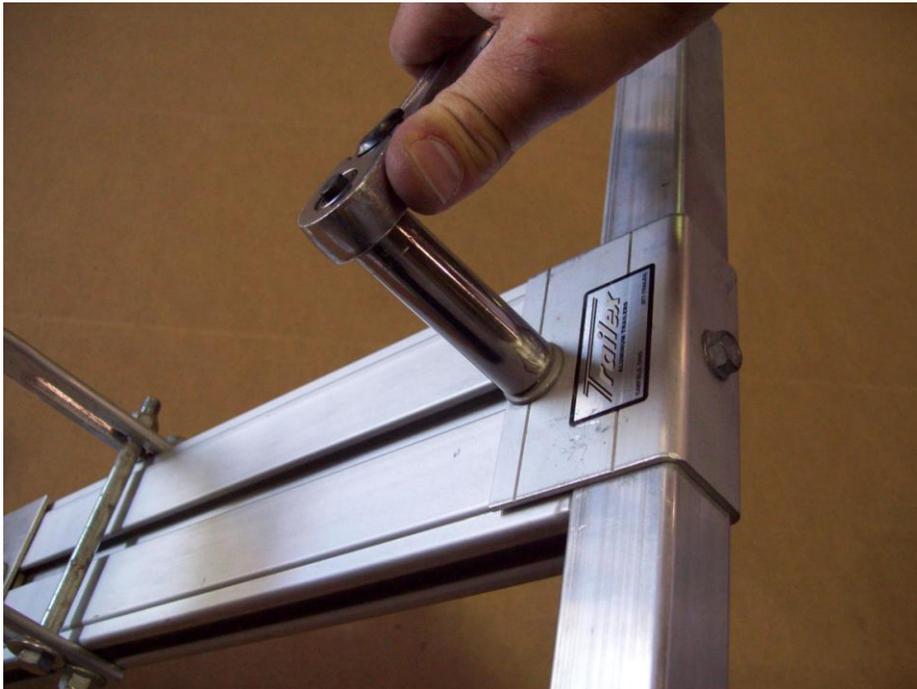
Position bow stop and tighten nuts.



Tighten bolt and nut against the tongue section as shown. Final adjustments will be made when the boat is on the dolly.



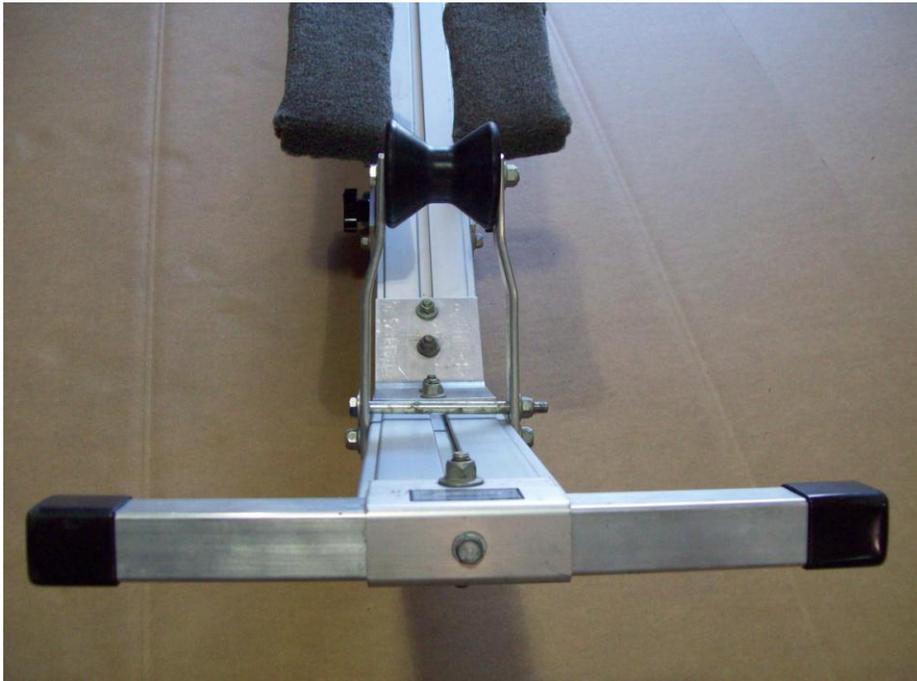
Install handle on the front tongue section.



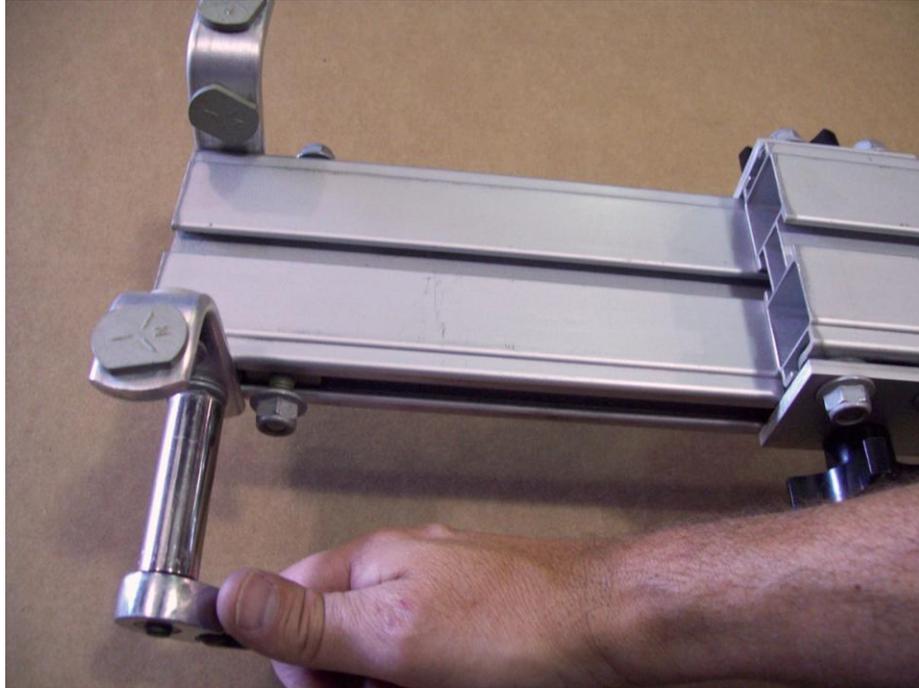
Once in position tighten nuts.



Install black caps on both sides of the handle as shown.



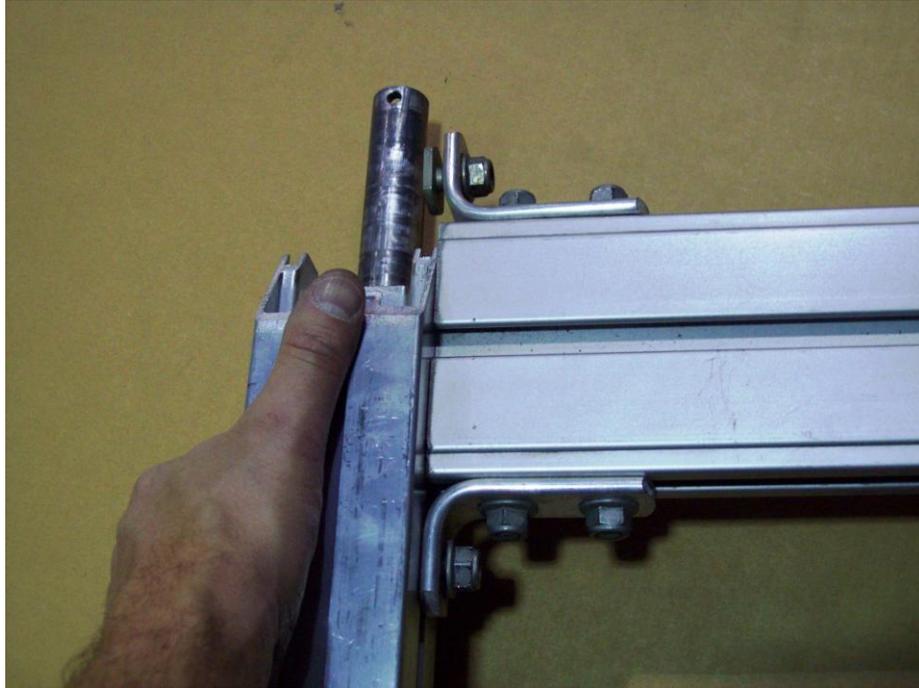
At this point dolly should look like this.



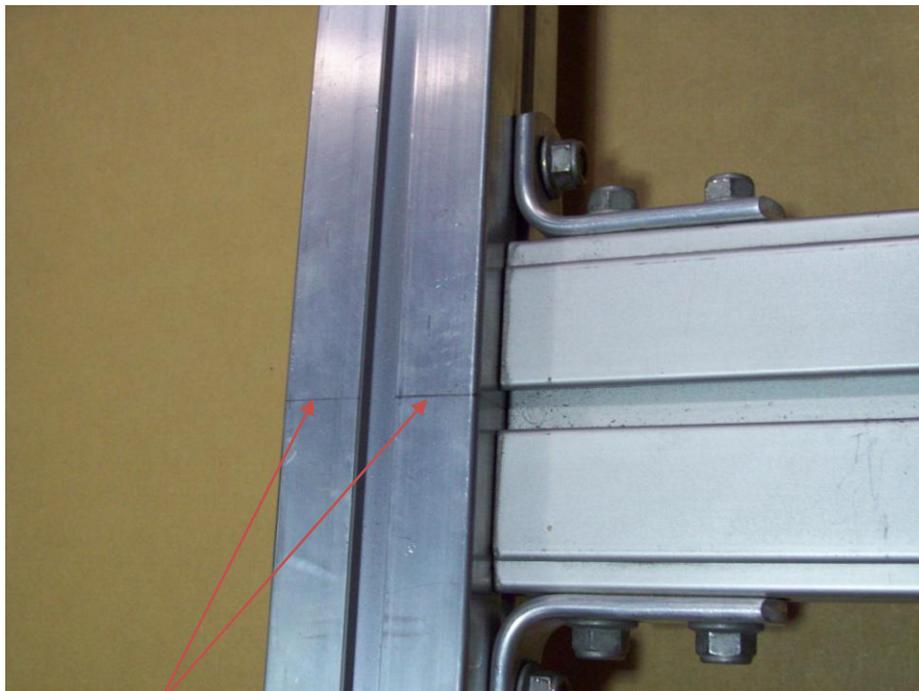
Loosen and rotate rear angle brackets. Insert brackets into rear of tongue.



Align angle bracket flush with the end of the tongue section as shown. Tighten nuts on both sides.



Insert axle assembly, with spindles on the bottom, into the T-bolts on the angle brackets.



Pencil mark

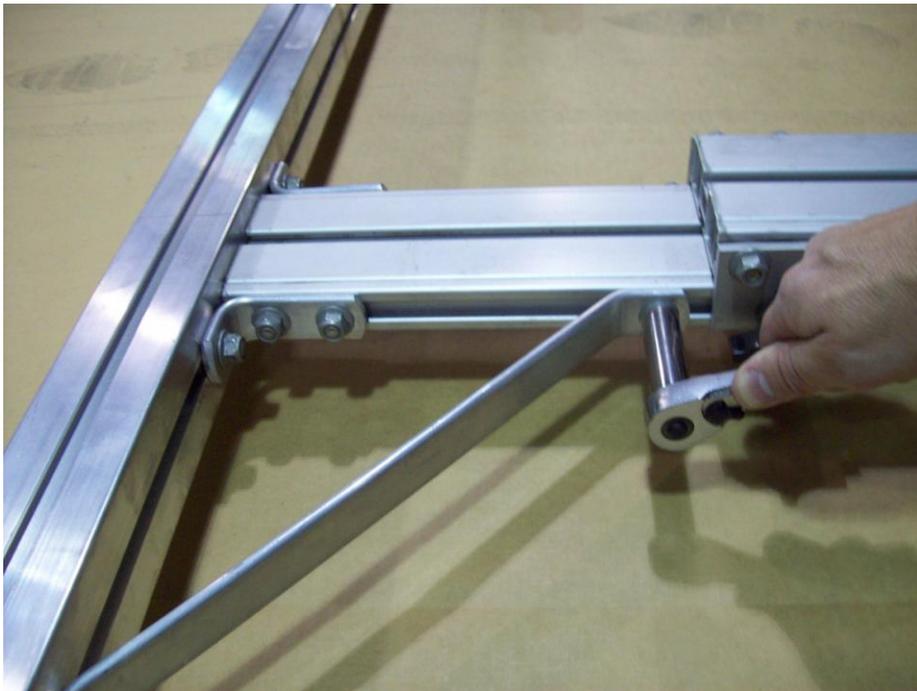
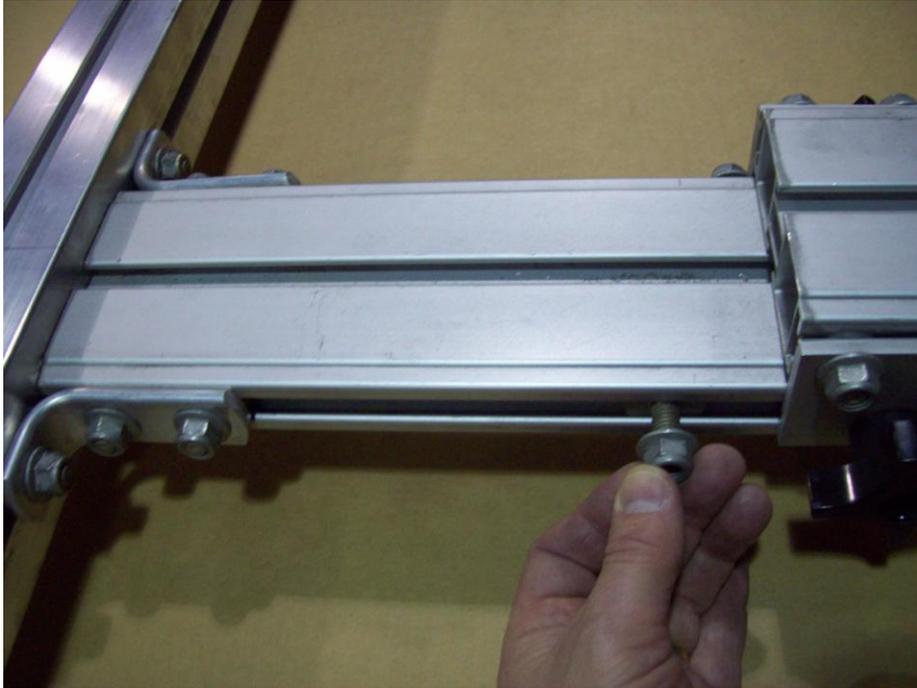
Find pencil marks on the center of the axle, then slide axle over until the pencil marks align with the center of the tongue section.



Tighten nuts at this point.



Slide strut onto axle as shown.



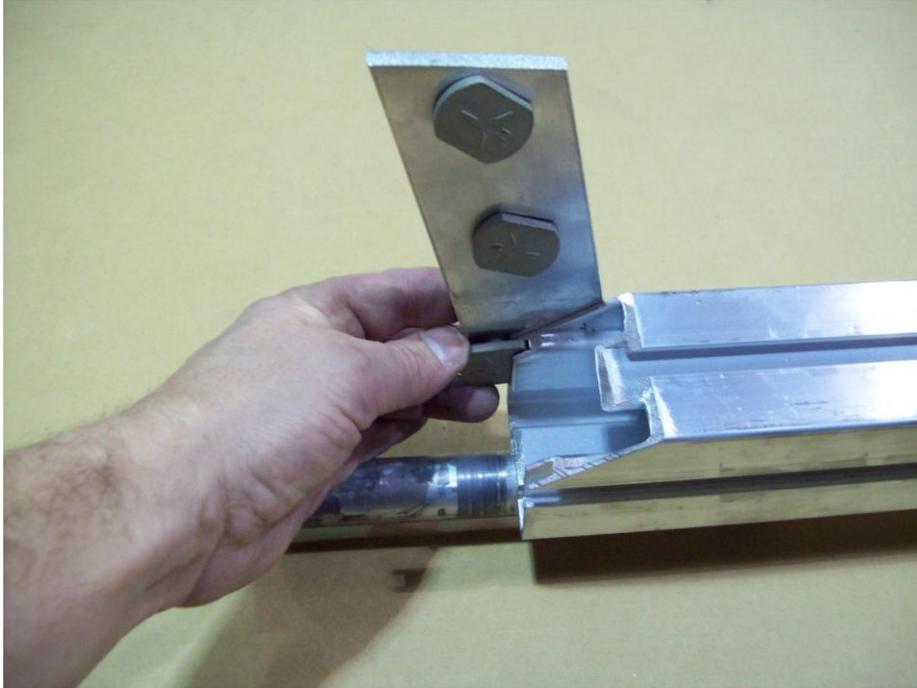
Remove nut from T-bolt on tongue section and install strut. Reinstall nut, position strut and tighten nuts. Repeat the process for the other side.



At this point, axle assembly should look like this.



Locate the four upright attaching brackets and install T-bolts and nuts. Make sure you have two left and two right assemblies as shown.



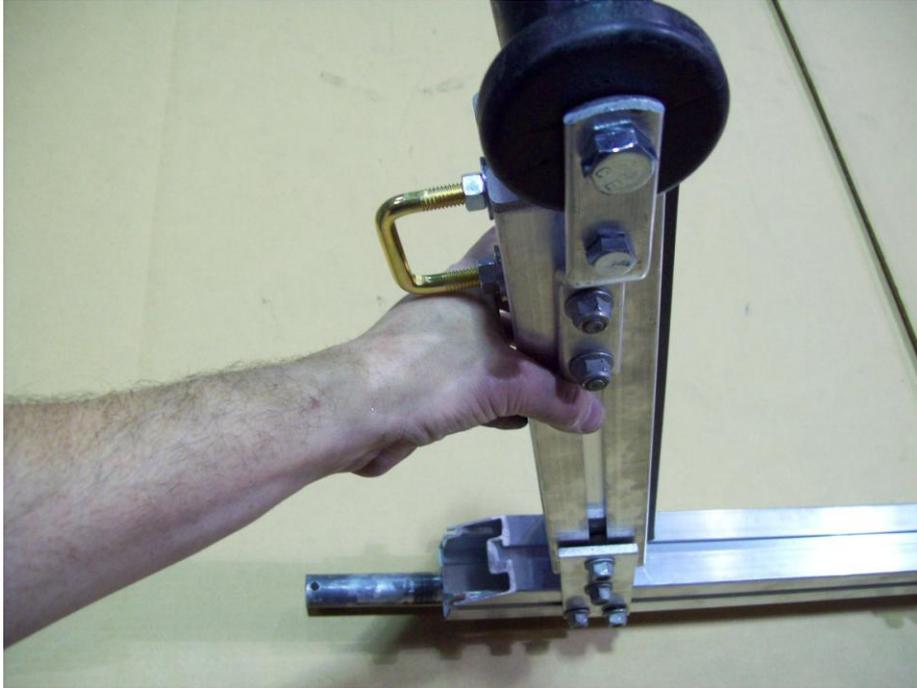
Insert the upright attaching brackets into the axle assembly. Position the bracket about 2" inward on the axle assembly. Make sure the brackets are tilting outward once in position. Do not tighten nuts at this point.



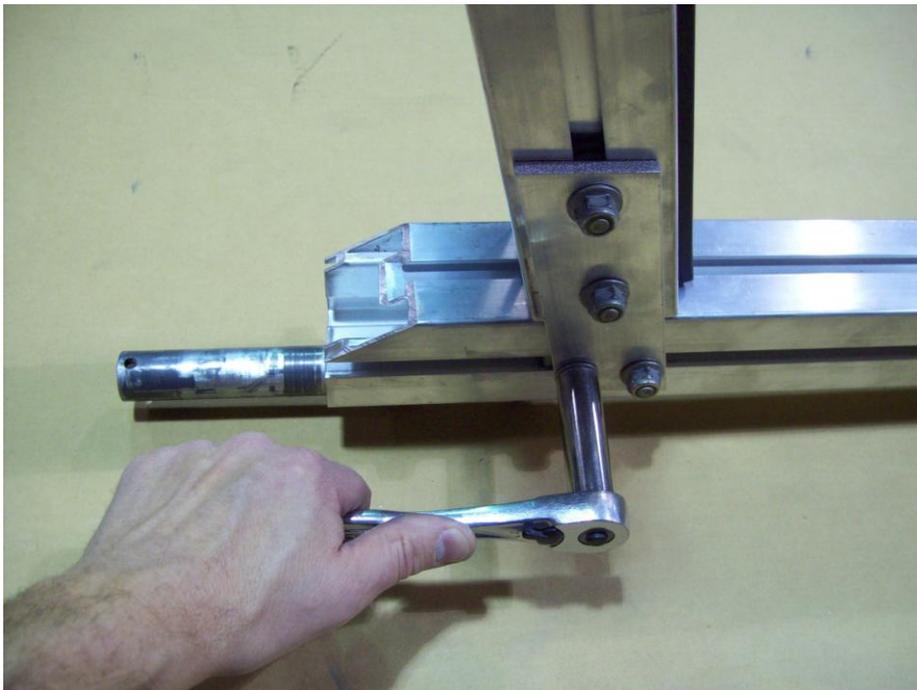
Locate the two upright assemblies. Insert one web strap clip on the back side of the assembly as shown. The clip will face to the outside of the dolly when completed.



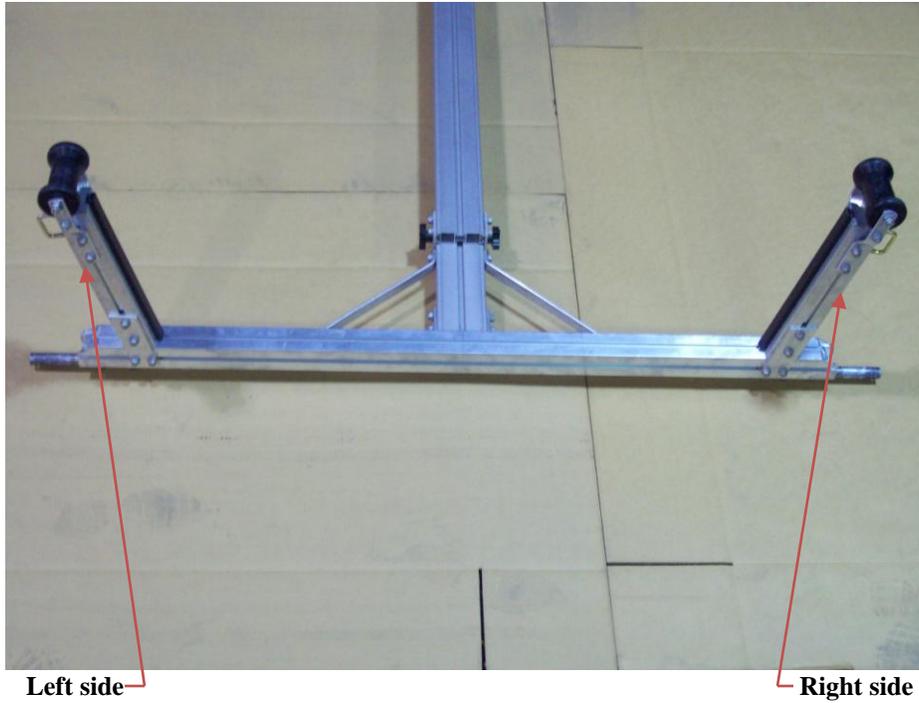
Once web strap clip is in position tighten nuts. Repeat this process for the other side.



Insert upright assembly into T-bolts on the brackets as shown. The rubber pads on the upright assembly should be facing inward.



Make sure the bottom of the upright assembly is flush with the axle assembly. Once in position tighten nuts and repeat the process for the other side. These nuts will need to be torqued to 35-40 ft. lbs. Final position will be determined with the boat on the dolly.

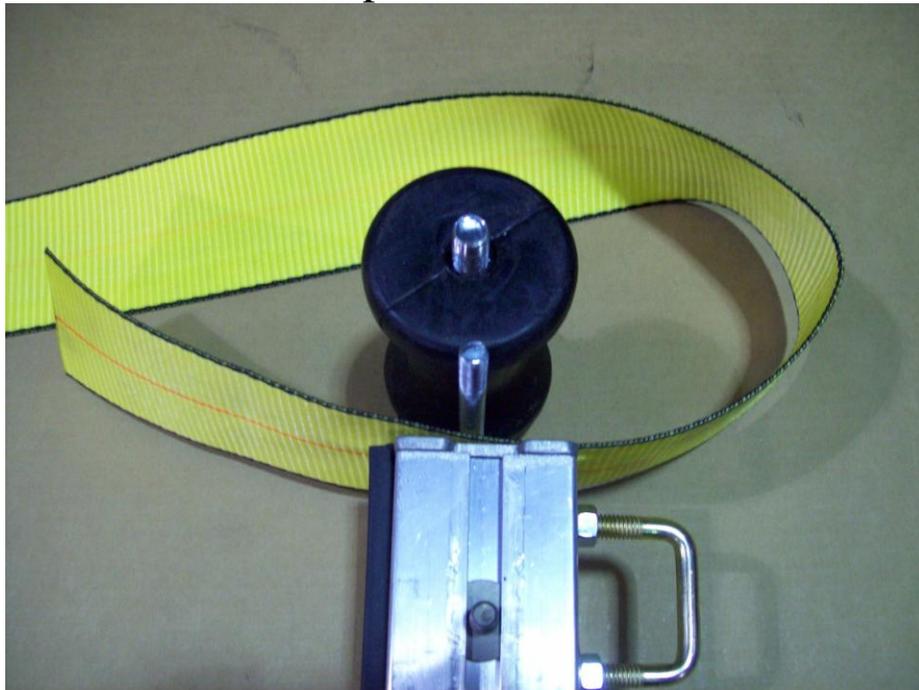


Left side

Right side

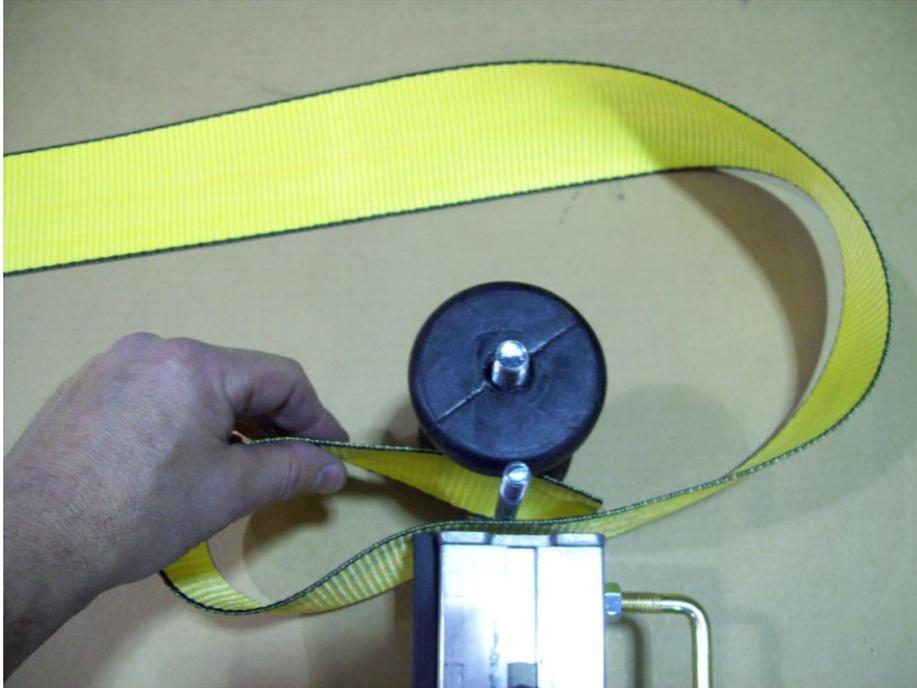
At this point the dolly should look like this.

Strap installation

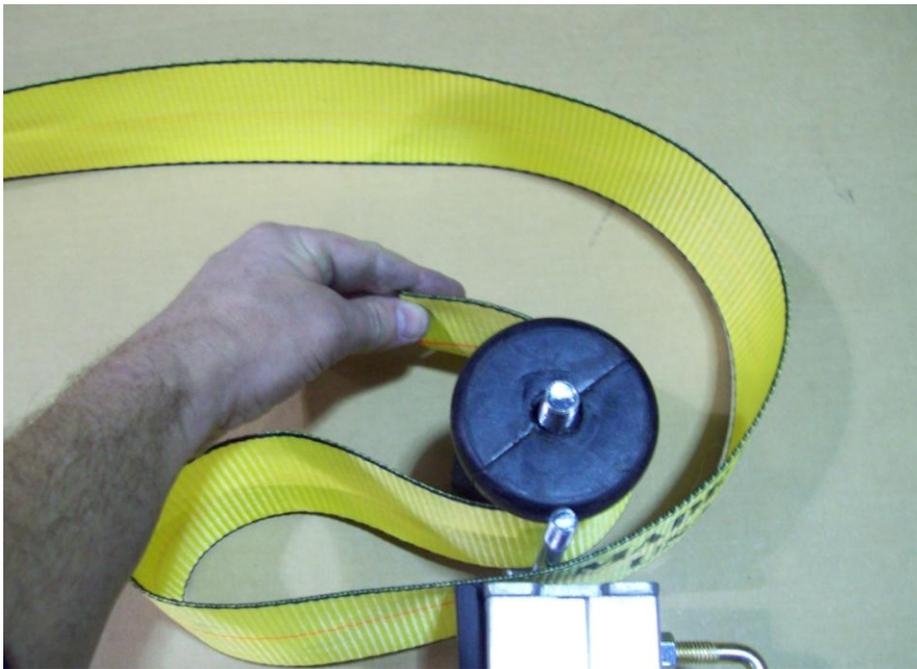


Bracket removed for clarity

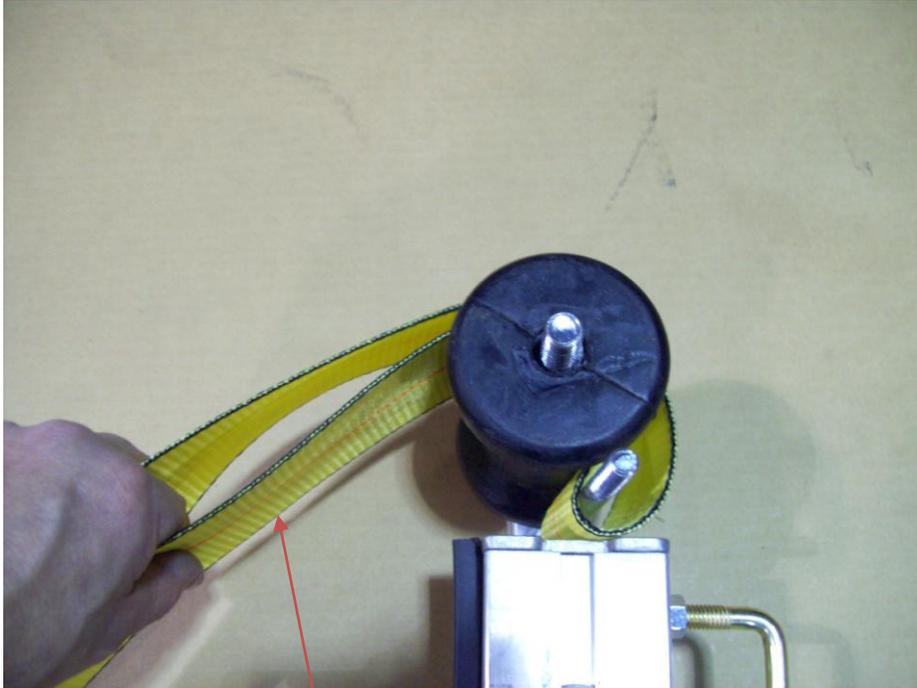
Start with the right side of the upright assembly. Do not take the bracket off, removed here to show the direction of the strap. Take the strap and loop it over the top of the roll, and then run it down under the bottom bolt.



Once under the bottom bolt, pull strap through and loop it back over the top of the bottom bolt as shown.



Guide strap around the backside of the roll, and then bring it over the top of the roll. Pull about a foot of the strap through at this point.

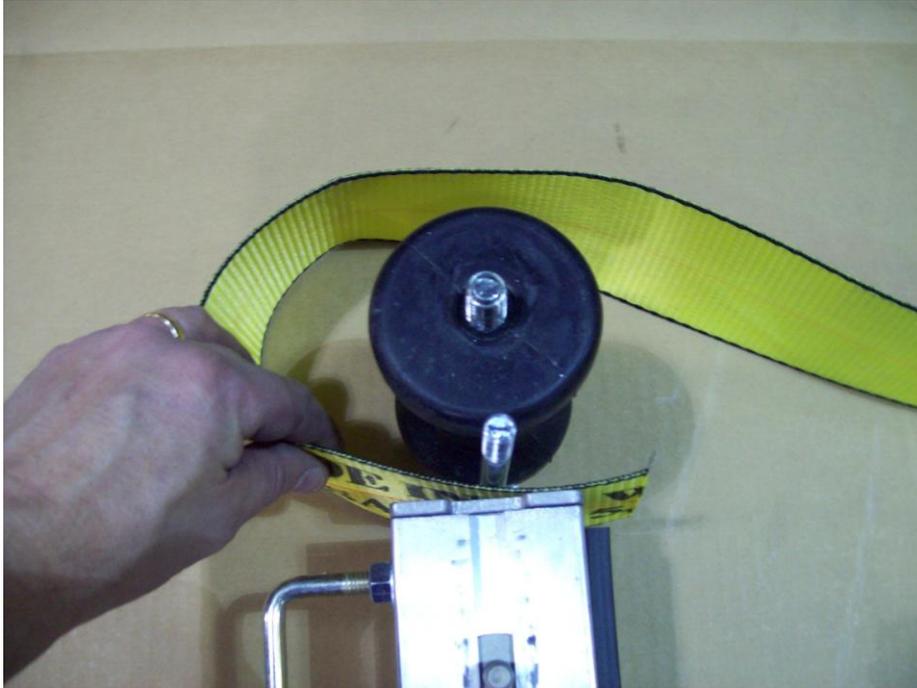


Inner strap

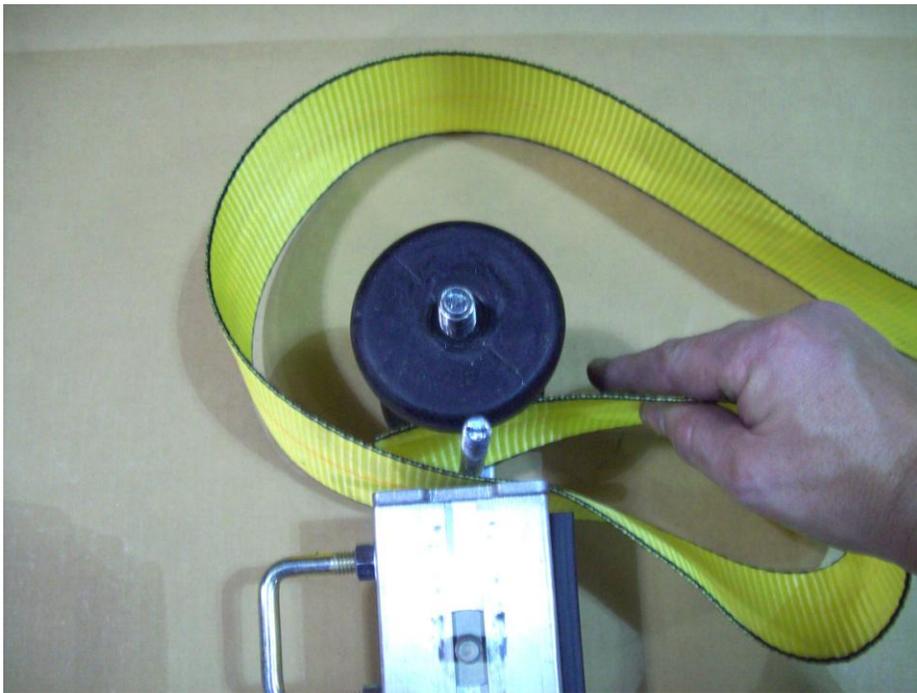
Once strap is through, adjustments can be made by pulling down on the inner strap.



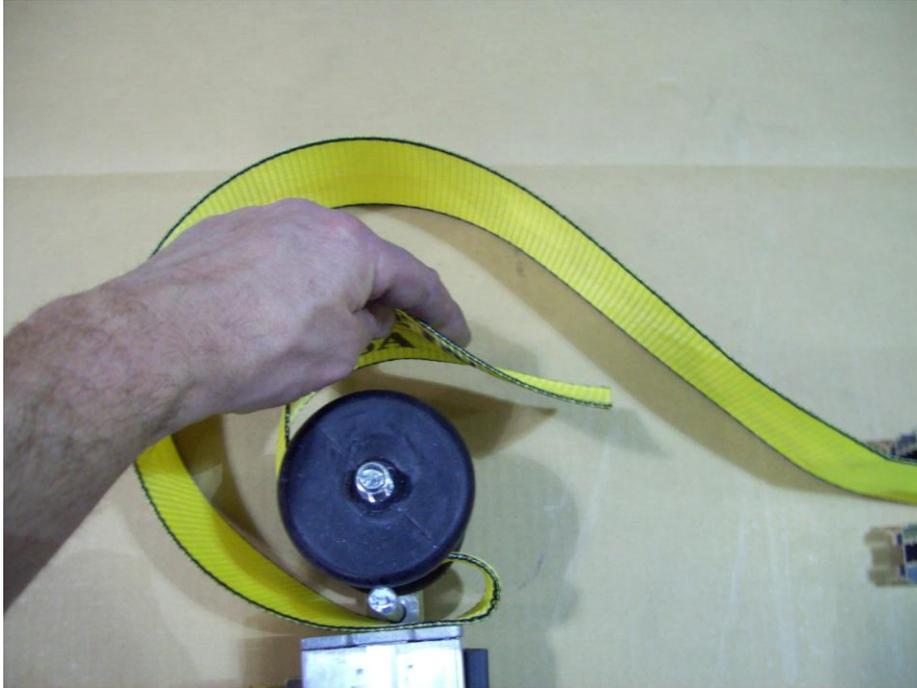
Assembly should look like this when finished.



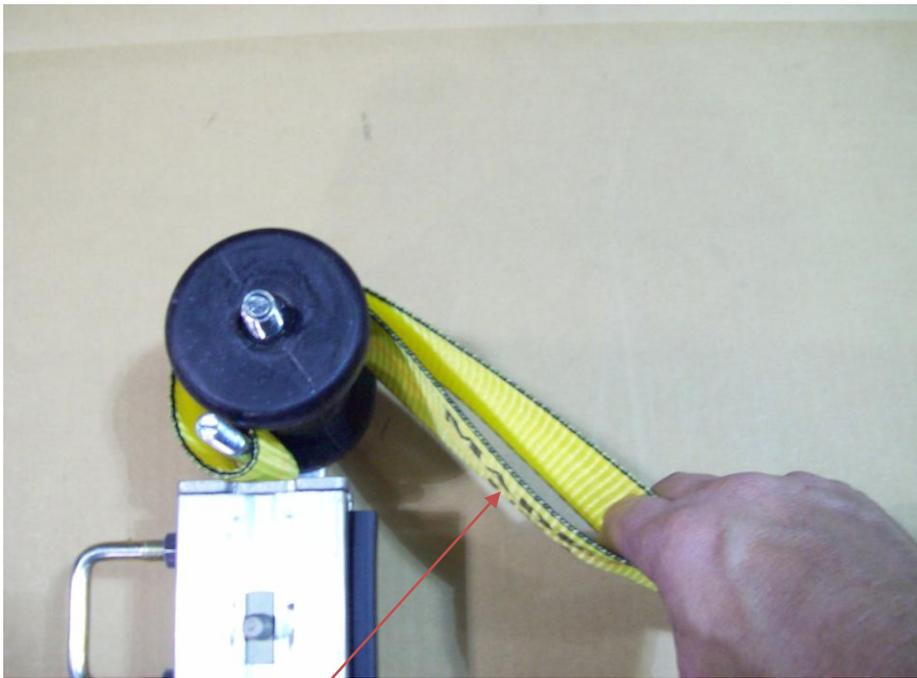
Start with the left side of the upright assembly now. Take the strap and loop it over the top of the roll, then run it down under the bottom bolt.



Once under the bottom bolt, pull strap through and loop it back over the top of the bottom bolt as shown.



Guide strap around the backside of the roll, and then bring it over the top of the roll. Pull about a foot of the strap through at this point.

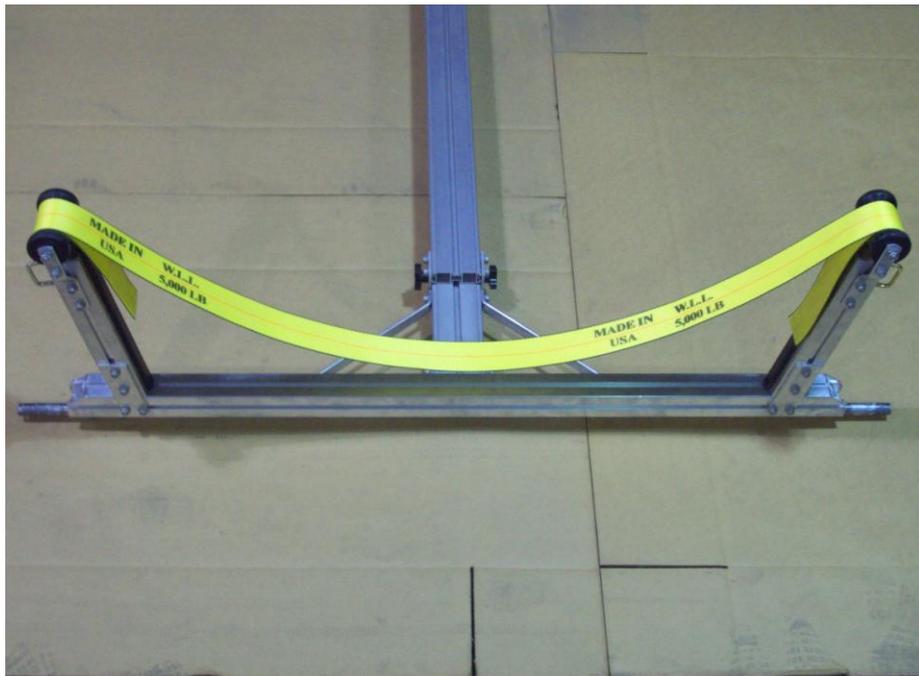


Inner strap

Once strap is through, adjustments can be made by pulling down on the inner strap.



At this point, pull inner strap to raise it up off the axle assembly.



The strap should not be touching the axle assembly when finished.



Install one nylon retainer washer on the axle with the grooved side facing out.



Install the wheel with valve stem facing out. Install the nylon washer on the axle with the grooved side facing in. Insert cotter pin and bend the ends so it doesn't come out. Repeat this process for the other side.

Finished dolly





KJM 12/5/12