



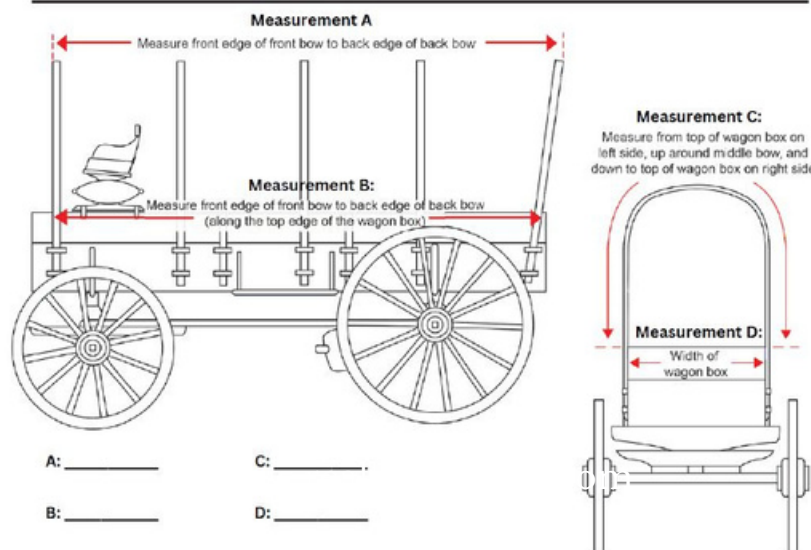
INSTRUCTIONS FOR MOUNTING BOWS

Thank you for purchasing your wagon components from Hansen Wheel & Wagon Shop!

- 1 Decide if you would like a 4-bow or 5-bow set-up (the image below is a 4-bow top allowing the driver's seat to be completely outside of the top area; a 5-bow top would cover the entire wagon, including the driver's seat)
- 2 Clamp your bows in place and adjust the spacing and height until you reach your desired placement.
- 3 Mount bow clips- 4 per bow (2 on each side)
Traditionally done using rivets, but can also be bolted or screwed into place if you choose.
- 4 Space clips vertically far enough apart to provide the best support to the bows while also working around existing hardware, and factoring in how you plan to use the wagon. ***** if convertible to triple, double, or single box, take that into consideration.***



CANVAS TOP : How to measure your wagon for canvas



INSTRUCTIONS FOR INSTALLING A CANVAS TOP

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Install the wagon canvas

- 1 Orientate the top correctly, the edges that have evenly spaced reinforced holes are the SIDES and the ENDS. Each has two short end ropes (unless no short end ropes were requested). Corners will have long gather ropes.



- 2 Place the canvas top bundle on the top of the center bow. Orientate correctly and unroll the canvas across the tops of the bows. The canvas has looks of rope on the side.

- 3 Mount tarp hooks in correspondence with the placement of leather-reinforced holes. Typically two tarp hooks per bow plus two front and two back (unless other existing box hardware can be utilized as a tie-off point).

- 4 Pull rope loops down through leather reinforced holes along the sides and hook to tarp hooks. Pull gather ropes tight on ends and cross tie across the ends of the wagon to the iron braces/tarp hooks. Short end ropes are then secured inside the wagon to the end bows and will allow you to tie back the corners of the bow.



Short End
Ropes for
rolling up
sides of top

INSTRUCTIONS FOR INSTALLING ROLL-UP SIDES

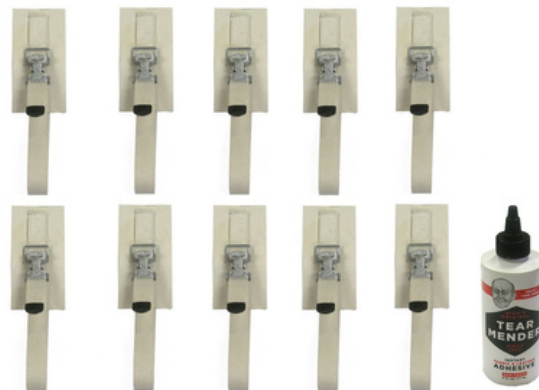
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Optional Additions For Canvas Tops

- 1 Roll the canvas to the inside so it sheds water. The short-end ropes on the front and rear can be looped around the rolled-up canvas and then tied off to a tarp hook mounted to the inside of the bow just below the canvas roll.



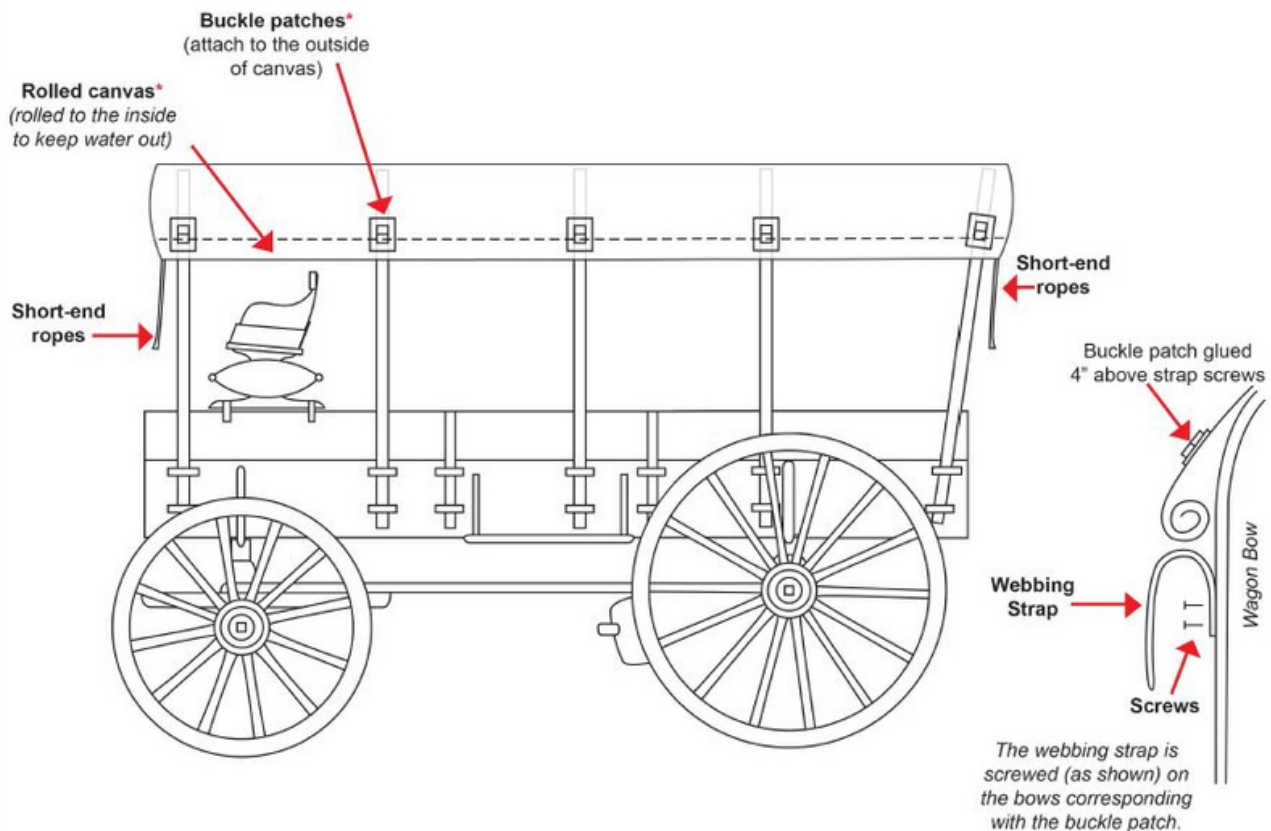
- 2 Glue a webbing strap to the outside of the canvas top (after you have the top on so you can see where the bows will come) to correspond with each bow at the level you want to roll up your canvas sides. Then pull the webbing tight over the roll and tie off to the bow directly below the canvas roll.



INSTRUCTIONS FOR INSTALLING ROLL-UP SIDES CONTINUED

- 3 When you are gluing, apply a generous amount of the "Tear Mender" to the back side of the webbing strap and the top side of the canvas. Spread with your finger (getting the corners well covered). Press together both sides and rub.

CANVAS TOP : Assembling Canvas Straps and Buckles



INSTRUCTIONS FOR INSTALLING A TOP WITH ZIPPER SIDES

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Optional Additions For Canvas Tops

- 1** Place the top on the wagon and stretch the canvas equally over the wagon bows by tightening the end ropes and shifting the canvas so the zipper is aligned with the wagon bow you have chosen to place the zipper along.
- 2** Place the zipper along the front edge of that bow with the snaps toward the rear of the wagon and laying it over that bow. You may need to adjust the placement of the (zipper-bow) if the bow does not follow the zipper.
- 3** Now that you have the top where you want it you can start installing the snap studs. Do this by marking with a pencil through the snap onto the bow and then drilling and screwing the stud to the bow. Fasten each snap before marking and drilling the next snap.
- 4** Next, attach the buckle and strap assembly at the height you want the canvas rolled up to. You will need to use the short-end ropes tied to the end bows to keep the top tight while it is rolled up.

1. Place the top on the wagon
2. Stretch the canvas equally
3. Place the zipper along the front edge of zipper-bow
4. You have the top placed where you want it
5. Install the snap studs
6. Hitch the horses and head west!

