

# ALUMATECH TRAILER INSTALLATION INSTRUCTIONS

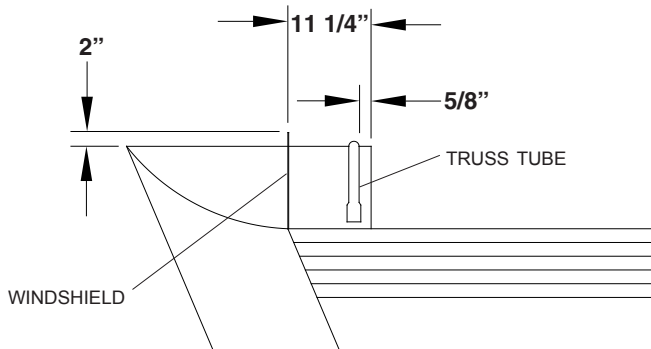


Follow these instructions to install Shur-Lok and/or Turning Point Bow systems on AlumaTech trailers. When installing bows, keep in mind that AlumaTech trailers are 6" wider in the middle than at the front and rear. Also, special bow pivot brackets and skid plates have been designed to fit AlumaTech side rails. Refer to Owner's manuals for complete installation instructions.

**NOTE:** Contact AlumaTech if you have any questions regarding warranty issues before you begin installation procedures.

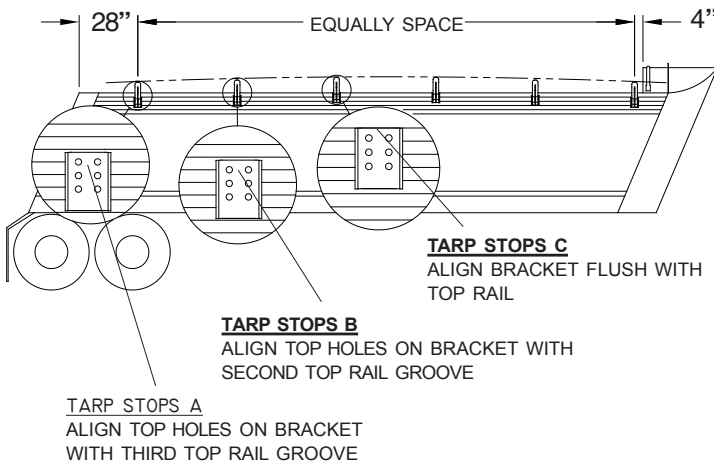
## FRONT CAP

**STEP 1:** If trailer comes tarp ready from the factory, a 2" windshield and a truss tube will be welded to the front portion of the trailer. If not, install a 2" windshield, and a 1/2" to 1" diameter truss tube as shown below. Flatten tube 2" on each end, and weld.



## EASY-OFF TARP STOPS

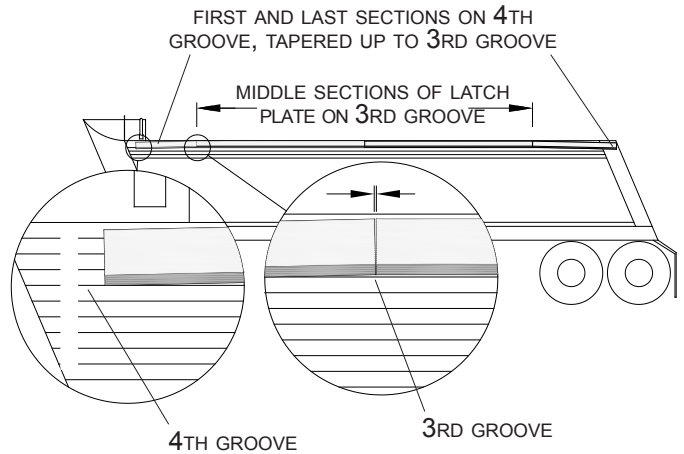
**STEP 2:** Locate rear tarp stop 28" from rear of trailer, and front tarp stop 4" behind front end cap. Equally space remaining tarp stops. Mark and drill holes, fasten brackets to top rail with 3/8" x 1" self-tapping screws.



The adjustments shown in this sheet are made in an effort to maintain equal tarp tension, allowing for trailer width fluctuation.

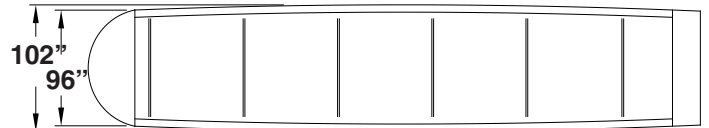
## LATCH PLATE

**STEP 3:** Align latch plate sections on top rail as shown, leaving 1/16" gap between sections. Align middle sections on 3rd top rail groove. Align first and last sections of latch plate with outside edge on 4th groove, tapering up to 3rd groove. Drill holes and fasten with 3/8" x 1" self-tapping screws.

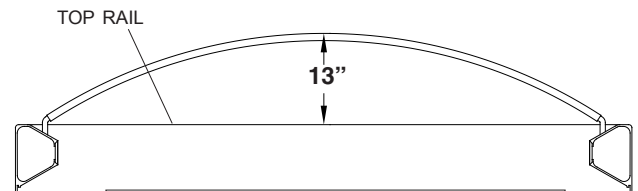


## STANDARD BOWS

**STEP 4:** Follow instructions in Shur-Lok manual to install bows, except first measure trailer width at each bow location. Measure and cut bows individually to fit trailer width.



**NOTE: Standard bows only** - to allow bows to fluctuate with top rail movement, do not weld shanks to bows.



**NOTE:** Top of bows should measure 13" above top rail when trailer is empty.

## BARN DOOR GATES

**STEP 5:** It may be necessary to mount and roll tarp opened and closed from left to right in order to accommodate barn door gate operation. Adjust latch plate installation so roll tube will clear barn door hinge. Do not curve rear section of latch plate.

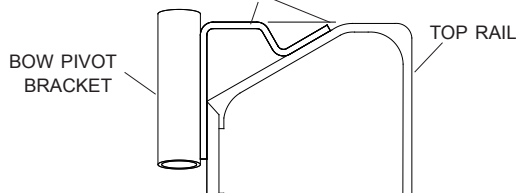
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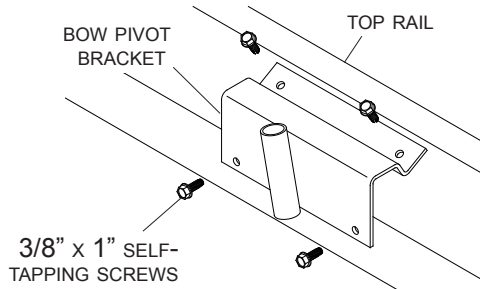
## BOW PIVOT BRACKETS

**STEP 1:** Mount bow pivot brackets per owner's manual, locating front bracket 12" behind front cap, and rear bracket 36" in front of rear cap. Equally space remaining brackets. Align brackets with top rail as shown.

ALIGN SURFACES FLUSH

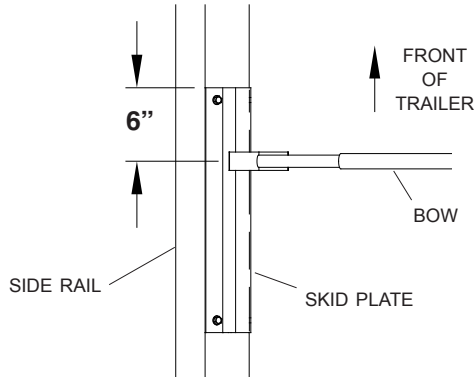


**STEP 2:** Mark and drill 5/16" holes in side rail, using bow pivot brackets as templates. Fasten with 3/8" x 1" self-tapping screws.

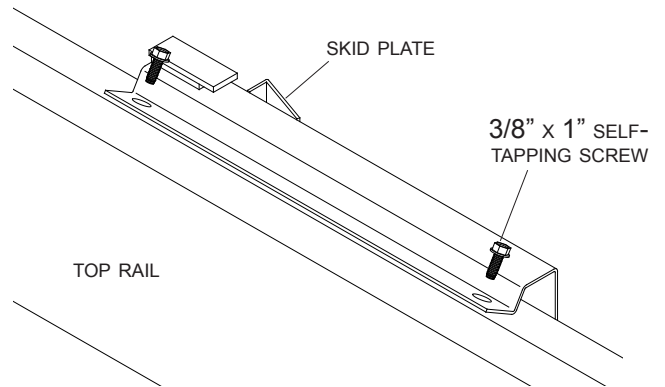


## SKID PLATES

**STEP 3:** Align skid plates on top rail, directly across trailer from bow pivot brackets. Locate skid plate w/stop at front of trailer, and skid plate w/catch at rear of trailer. Align remaining skid plates with remaining bow pivot brackets so that bows sit 6" from front edge of skid plate.

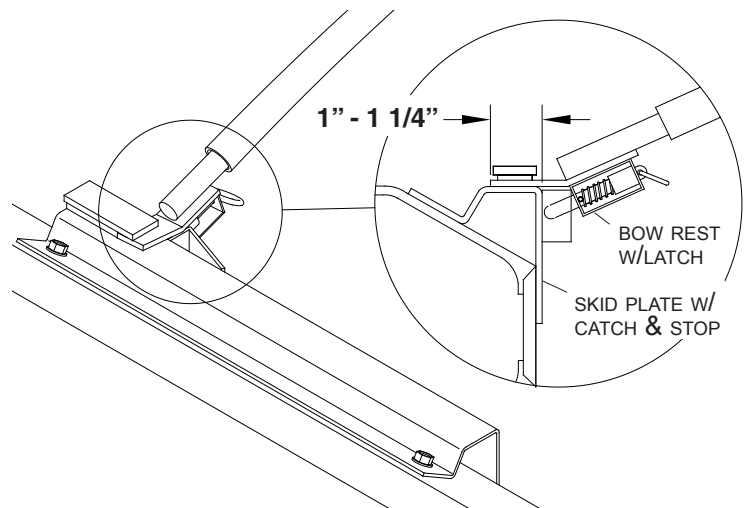
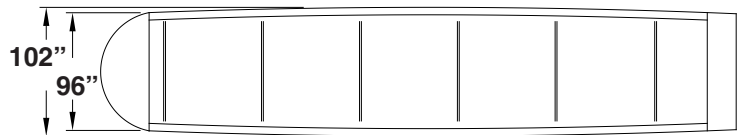


**STEP 4:** Mark and drill 5/16" holes in top rail, using skid plates as a template. Fasten with 3/8" x 1" self-tapping screws.



## TURNING POINT BOWS

**STEP 5:** Follow instructions in Turning Point Bow manual to install bows, except first measure trailer width at each bow location. Measure and cut bows individually to fit.



**Shur-Co.**

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