**Model No.**

**- 8388 -**

**p/n 108883**

***Specifications***

- ***Height - 65" (24" packed)***
- ***Width - 59"***
- ***Depth - 132" (41" packed)***
- ***Weight – 95 lbs.***
- ***Instructions – 103145***

CLAM Denali

**Denali IV**

## - Clam Customer Service Information -

**NOTICE: Once used, this shelter cannot be returned to the store. Please contact Customer Service directly at the email address or phone number below.**

- Customer Service Hrs: 9am to 4pm, Monday – Friday Central Standard Time
- Phone: 763-231-4120
- Fax: 763-231-4121
- Email: customerservice@clamcorp.com

***** Warranty cannot be honored without an original, dated receipt *****

**IMPORTANT! PLEASE READ: Warranty Information**

This product is warranted to the original retail purchaser (not transferable). This product is to be free from manufacturer's defects for one (1) year from the date of the original purchase. Warranty does not cover cracked windows, tent tears, broken or bent hoops due to high wind weather conditions or unattended use. The part will replaced or repaired (manufacturer's option) if found defective within the one (1) year time frame. Warranty will be void if product has been subject to neglect, misuse, improper installation, misapplication, alteration, or accident including, but not limited to, improper maintenance or use of unauthorized parts or attachments. Please read this entire owner's manual to ensure proper installation, use, storage, and care for your Clam shelter.

**To submit a Warranty Claim Request, please use one of the following methods:**

- **Email:** **CustomerService@ClamCorp.com (Preferred Method)**
- **Fax:** **763-231-4121**
- **Write:** **Customer Service – Warranty Department**
  **600 Clydesdale Trail**
  **Medina, MN 55340**

**Information needed to submit a warranty claim:** If you need to submit a warranty claim, please e-mail Clam's Customer Service Department at customerservice@clamcorp.com. In your e-mail, please include your full name, address, phone number, a copy of your receipt, a brief description of the problem, and pictures to clearly show the area(s) of concern. Clam's warranty department will review your request and a Clam representative will contact you regarding your claim status. All returns must be returned with postage pre-paid.

## - Limitation of Liability -

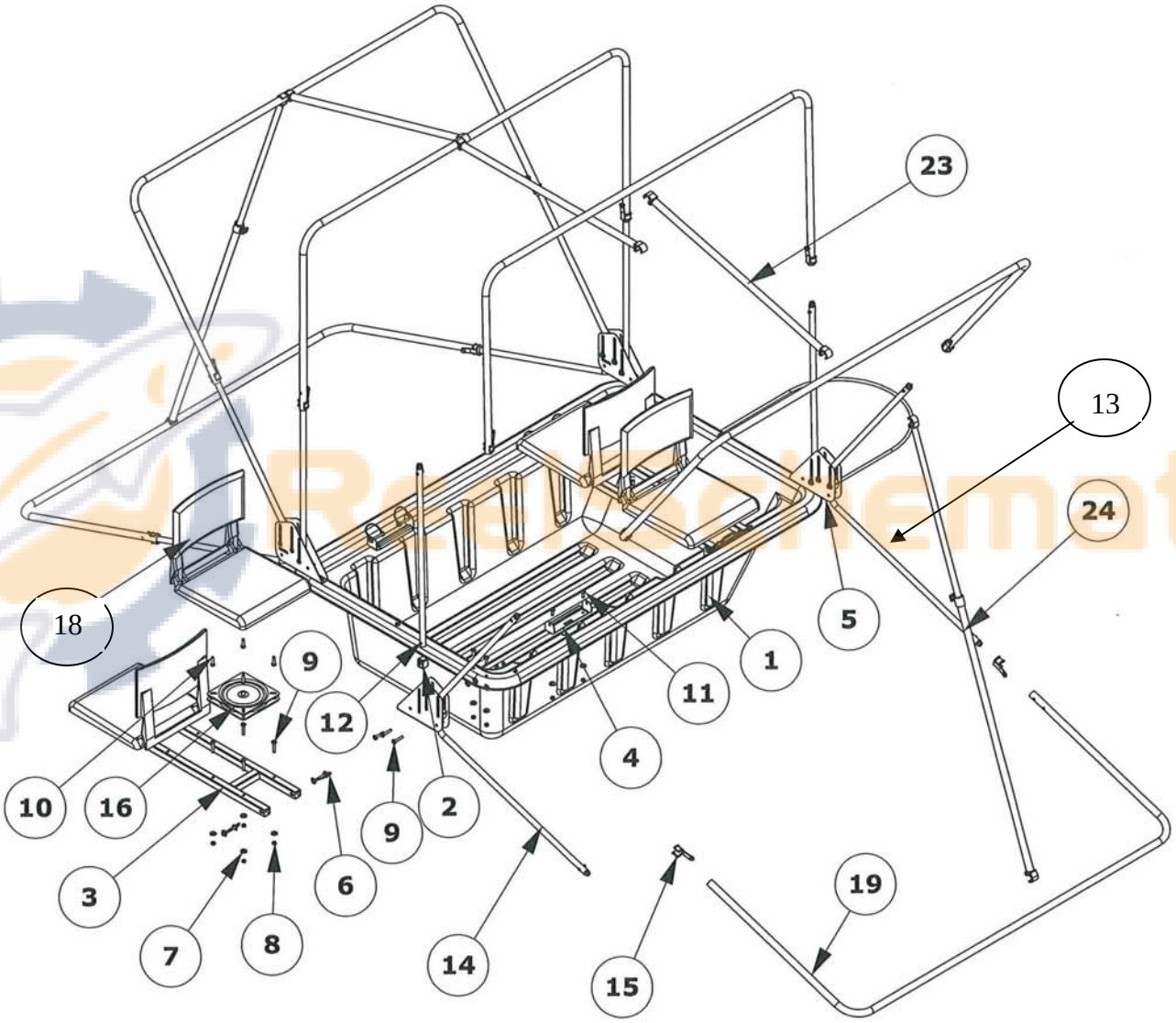
***It is expressly understood that Clam Corporation's liability for its products, whether due to breach of warranty, negligence, strict liability, or otherwise, is limited to the repair of the product as stated above. Clam Corporation is not liable for any injury, loss, damage, or expense, whether direct or consequential, including but not limited to loss of use, income, profit, or damage to material arising in connection with the sale, installation, use of, inability to use, or the repair or replacement of Clam Corporation products. Clam Corporation reserves the right to make alterations or modifications in its products at any time, which in its opinion, may improve the performance and efficiency of the product. Clam shall not be obligated to make such alterations or modifications to products already in service.***

# - Parts List -

| ITEM NO. | PART NUMBER | DESCRIPTION | QTY. |
|---|---|---|---|
| 1 | 103203 | BASE, DENALI | 1 |
| 2 | 101010 | TUBE SPACER CAP | 12 |
| 3 | 102707 | SEAT MOUNT TUBE | 2 |
| 4 | 102808 | SEAT MOUNT BRACKET | 4 |
| 5 | 102676 | MOUNT BRACKET | 4 |
| 6 | 101314 | SNAP PIN, 1/4" DIA SINGLE WIRE | 8 |
| 7 | 101081 | WASHER, 1/4" FLAT | 46 |
| 8 | 101082 | NUT, 1/4"-20 THIN NYLOCK | 46 |
| 9 | 101208 | SCREW, 1/4"-20 X 1-1/2" | 28 |
| 10 | 101097 | SCREW, #14 X 1.00" | 16 |
| 11 | 101088 | SCREW, 1/4"-20 X 0.75" | 18 |
| 12 | 103102 | EZ GLIDE POLE, 1/2" | 8 |
| 13 | 103143 | LEFT PORCH POLE | 2 |
| 14 | 103144 | RIGHT PORCH POLE | 2 |
| 15 | 102650 | RPS CLIP, 7/8" | 12 |
| 16 | 101399 | SEAT SWIVEL | 4 |
| 17 | 103205 | TENT, DENALI | 1 |
| 18 | 102780 | STADIUM SEAT | 4 |
| 19 | 102677 | HOOP POLE | 6 |
| 20 | 102777 | SEAT SLIP COVER, BACK | 4 |
| 21 | 102778 | SEAT SLIP COVER, BOTTOM | 4 |
| 22 | 101095 | ROPE, 3/8 DIA X 9 FT TOW | 1 |
| 23 | 101481 | SPREADER POLE | 3 |
| 24 | 101167 | ADJUSTABLE SPREADER POLE | 2 |
| 25 | 103145 | INSTRUCTION, DENALI IV | 1 |

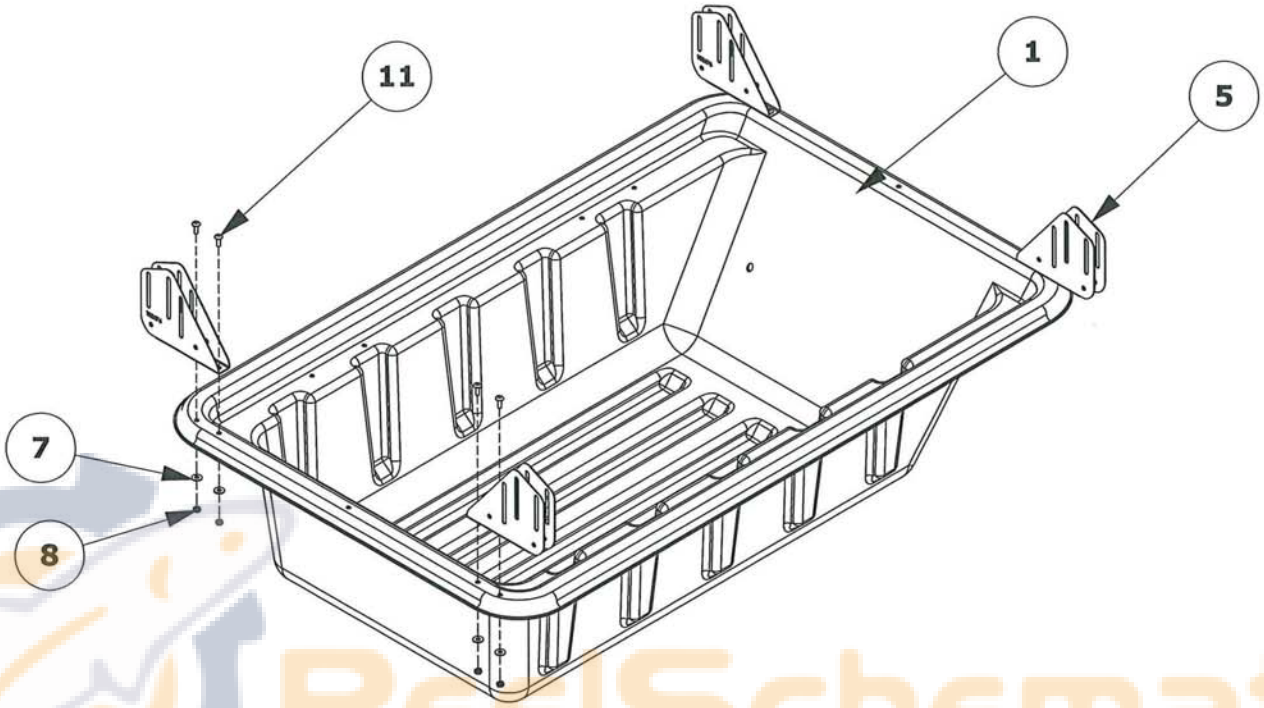
ReelSchematic

## PARTS



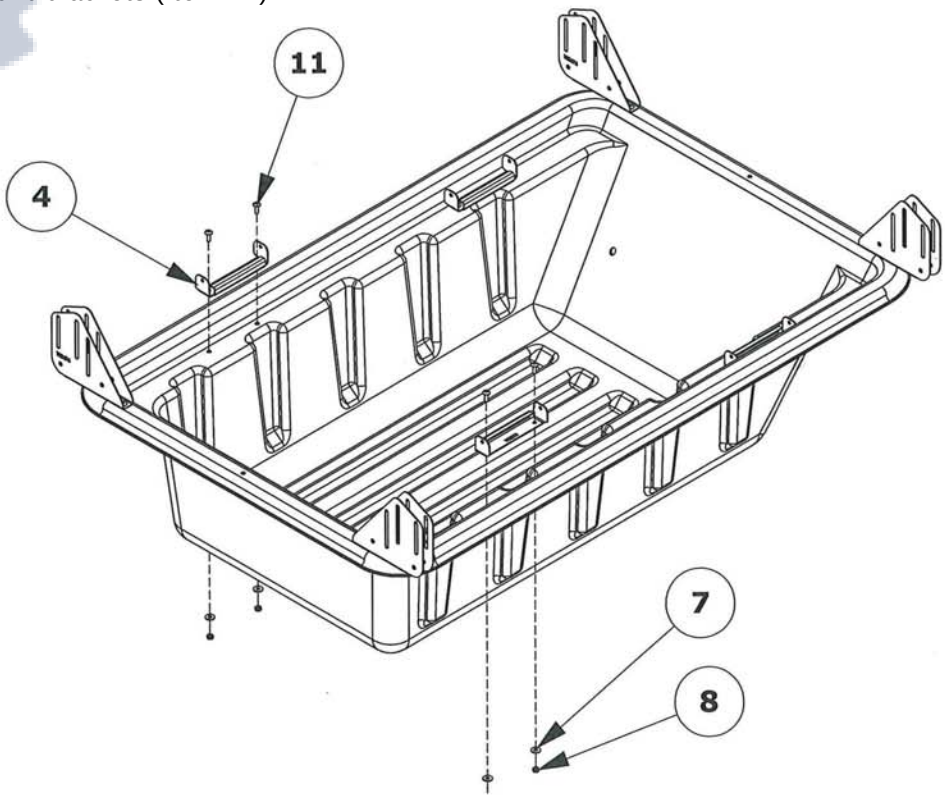
## STEP ONE

Install pole mount brackets (item 5)



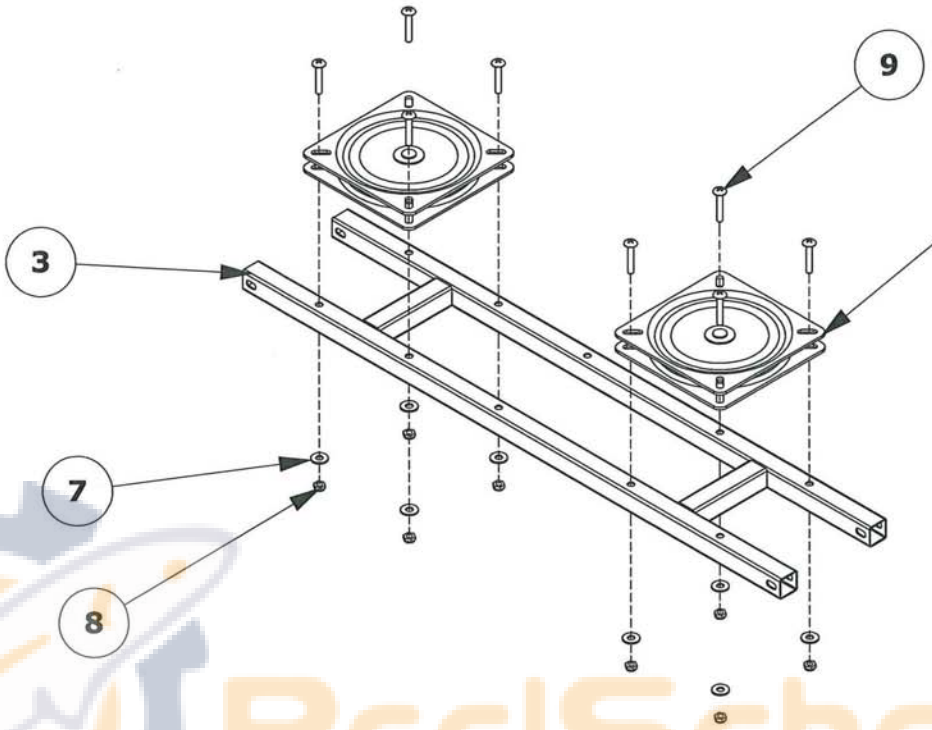

## STEP TWO

Install seat mount brackets (item 11)




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## STEP THREE




Rotate the seat swivel (item 16) as shown and assemble to seat mount (item 3).



Swivel bolts (item 9).

## STEP FOUR

Install seat slip covers



Install back slip cover (item 20).



Install bottom slip cover (item 21).

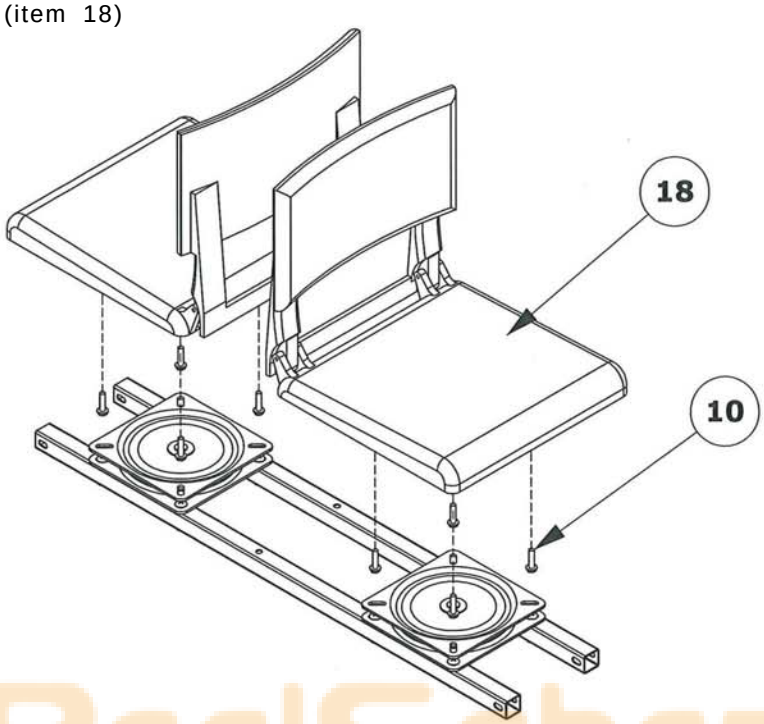


Seat covers installed

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## STEP FIVE

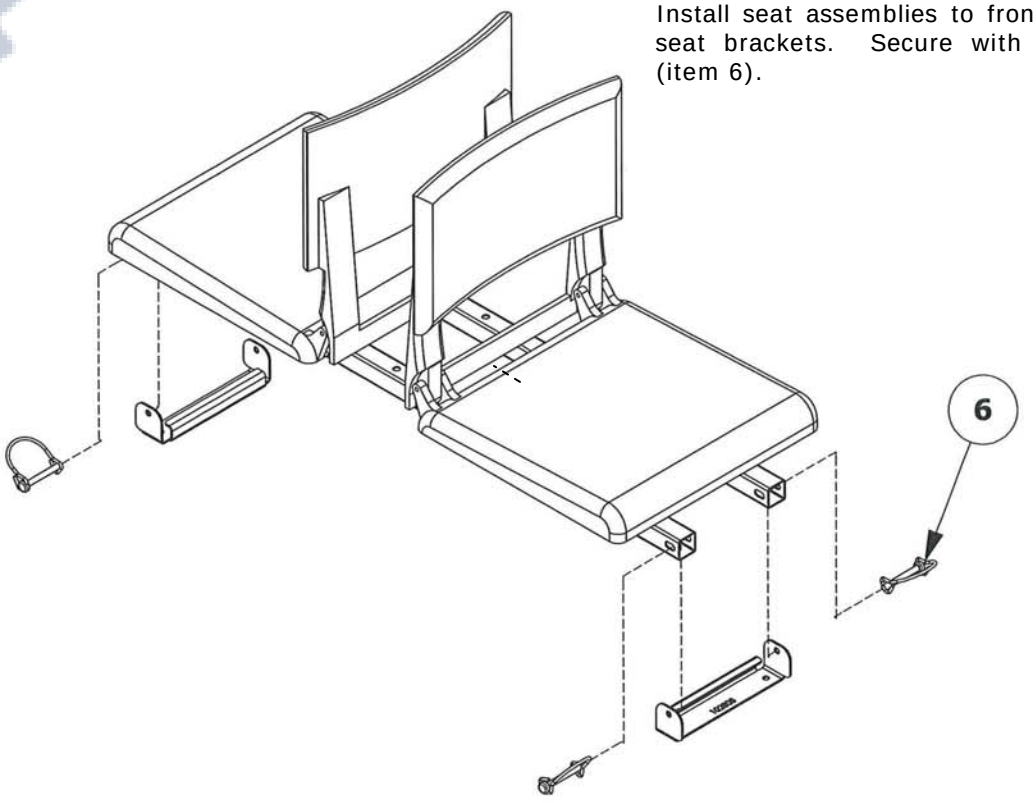
Install seat assemblies (item 18) to seat swivels.




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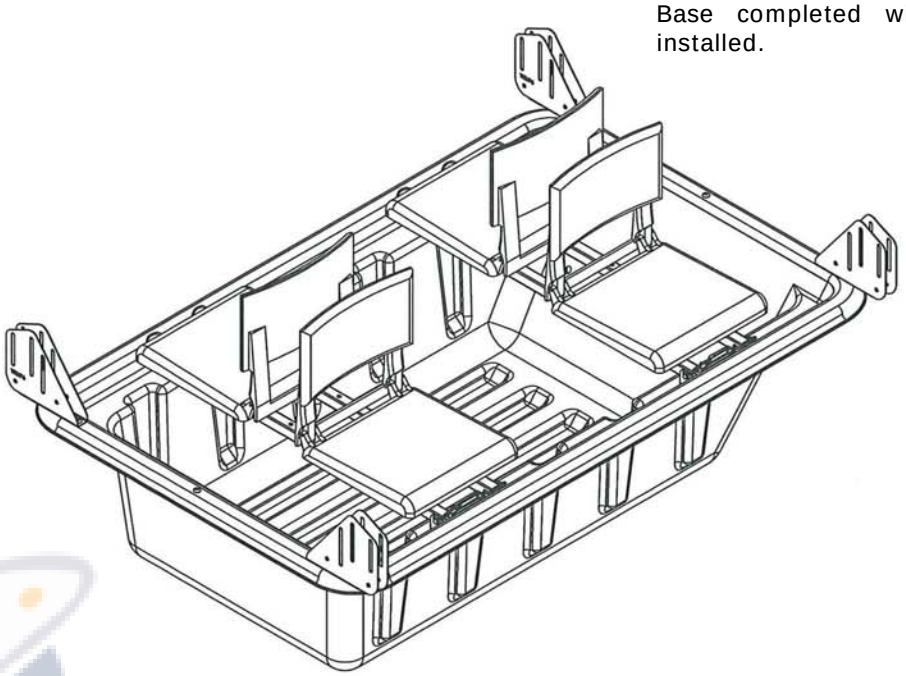
## STEP SIX

Install seat assemblies to front and rear seat brackets. Secure with snap pins (item 6).



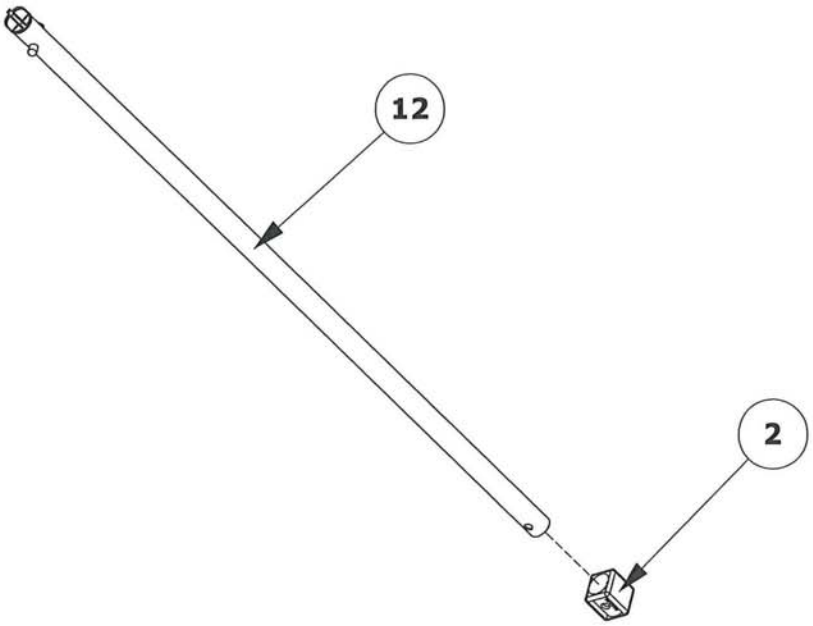
## STEP SEVEN

Base completed with seats installed.



## STEP EIGHT

Install the tube spacer caps (item 2) to the EZ glide poles (item 12).

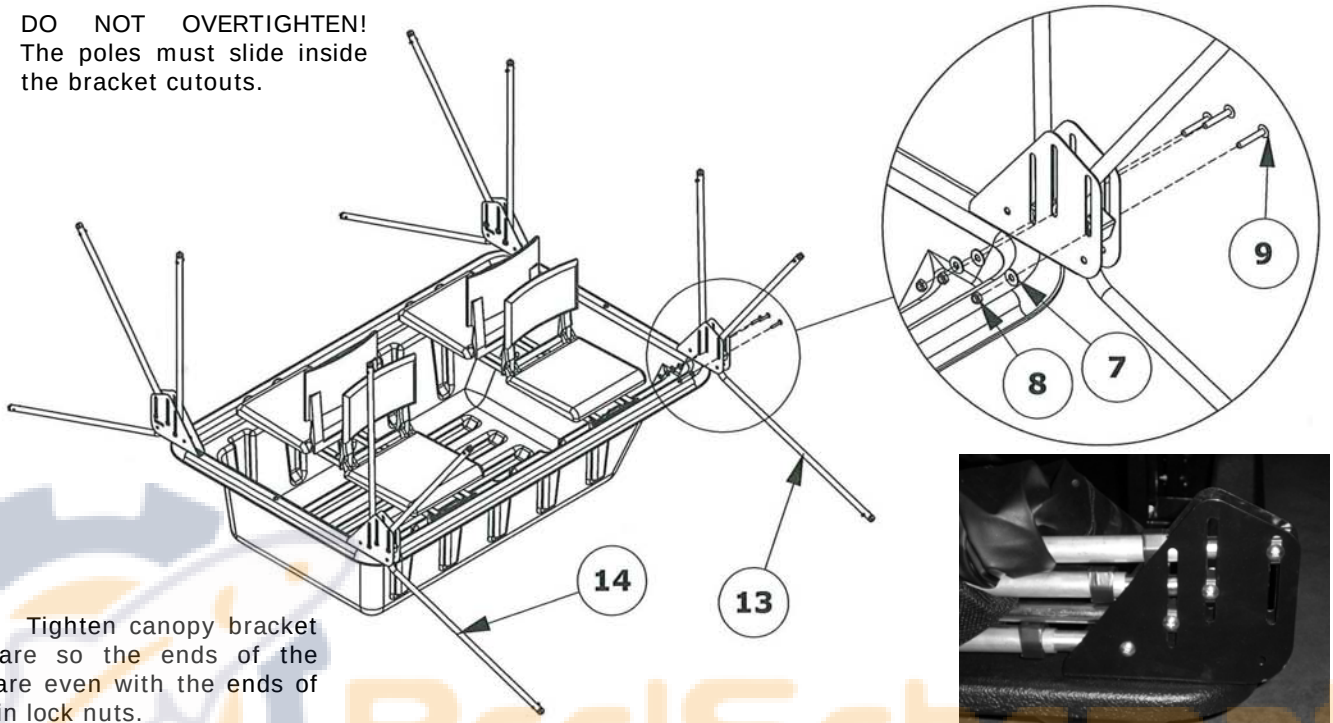



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## STEP NINE

Install hoop poles (item 13).

DO NOT OVERTIGHTEN! The poles must slide inside the bracket cutouts.



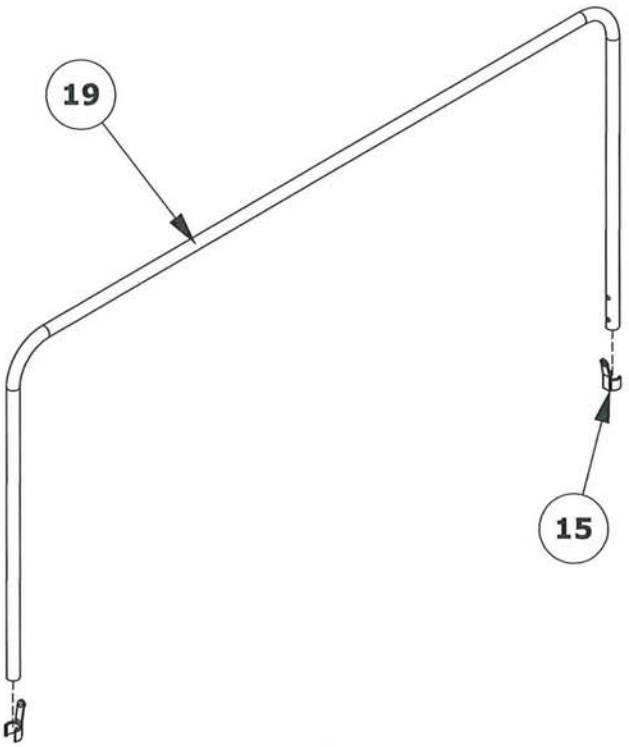


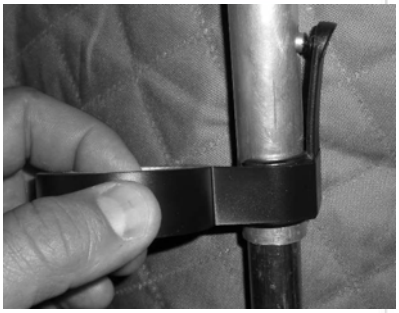

NOTE: Tighten canopy bracket hardware so the ends of the bolts are even with the ends of the thin lock nuts.

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## STEP TEN

Install RPS (Rapid Pole Slide) clips (item 15) to the hoop poles (item 19) by snapping them in the correct position as shown.

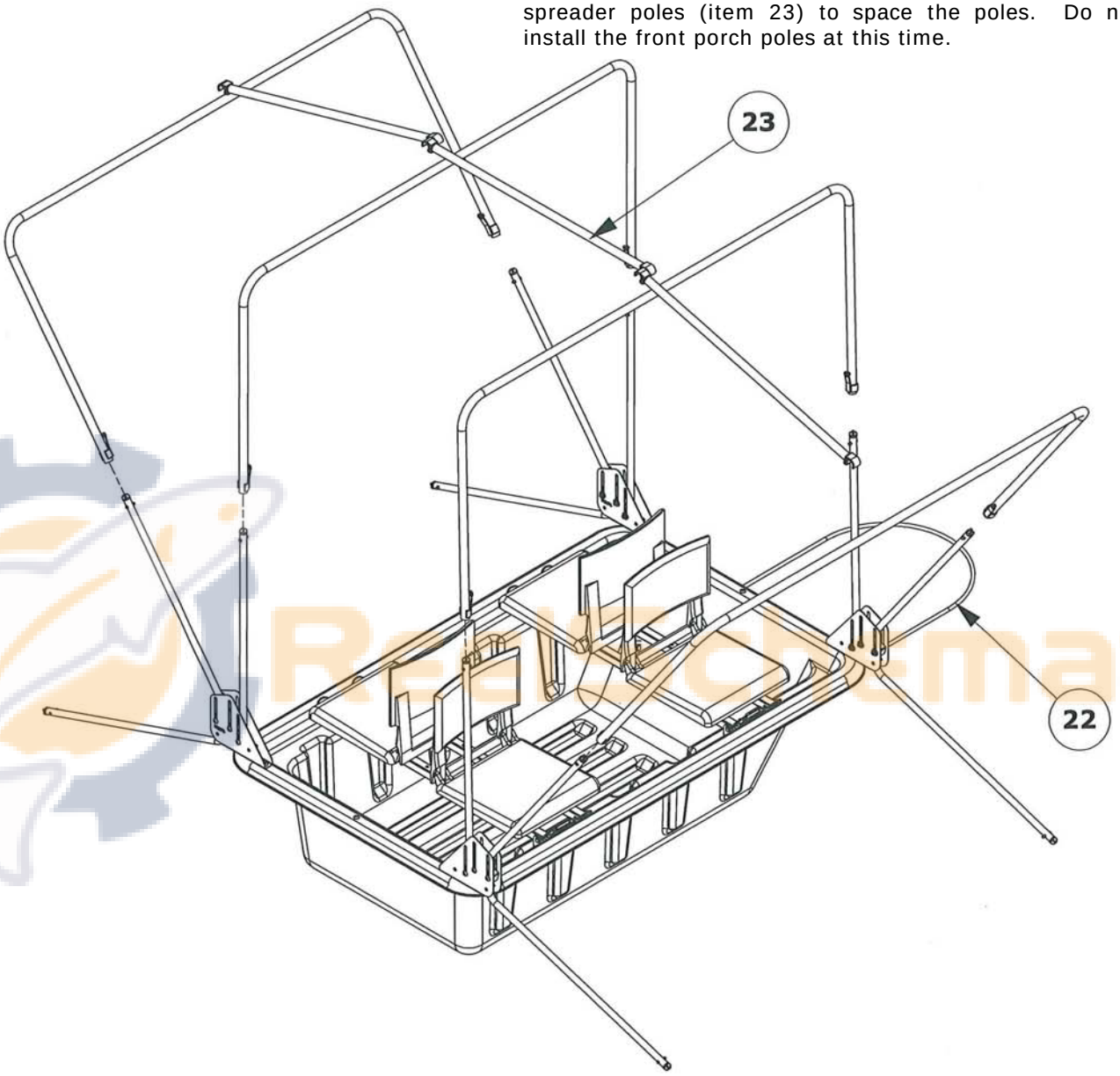


Advised: Secure all RPS clips to the poles using electrical tape.

## STEP ELEVEN

Install canopy poles (item 19) to the EZ Glide poles. Use spreader poles (item 23) to space the poles. Do not install the front porch poles at this time.

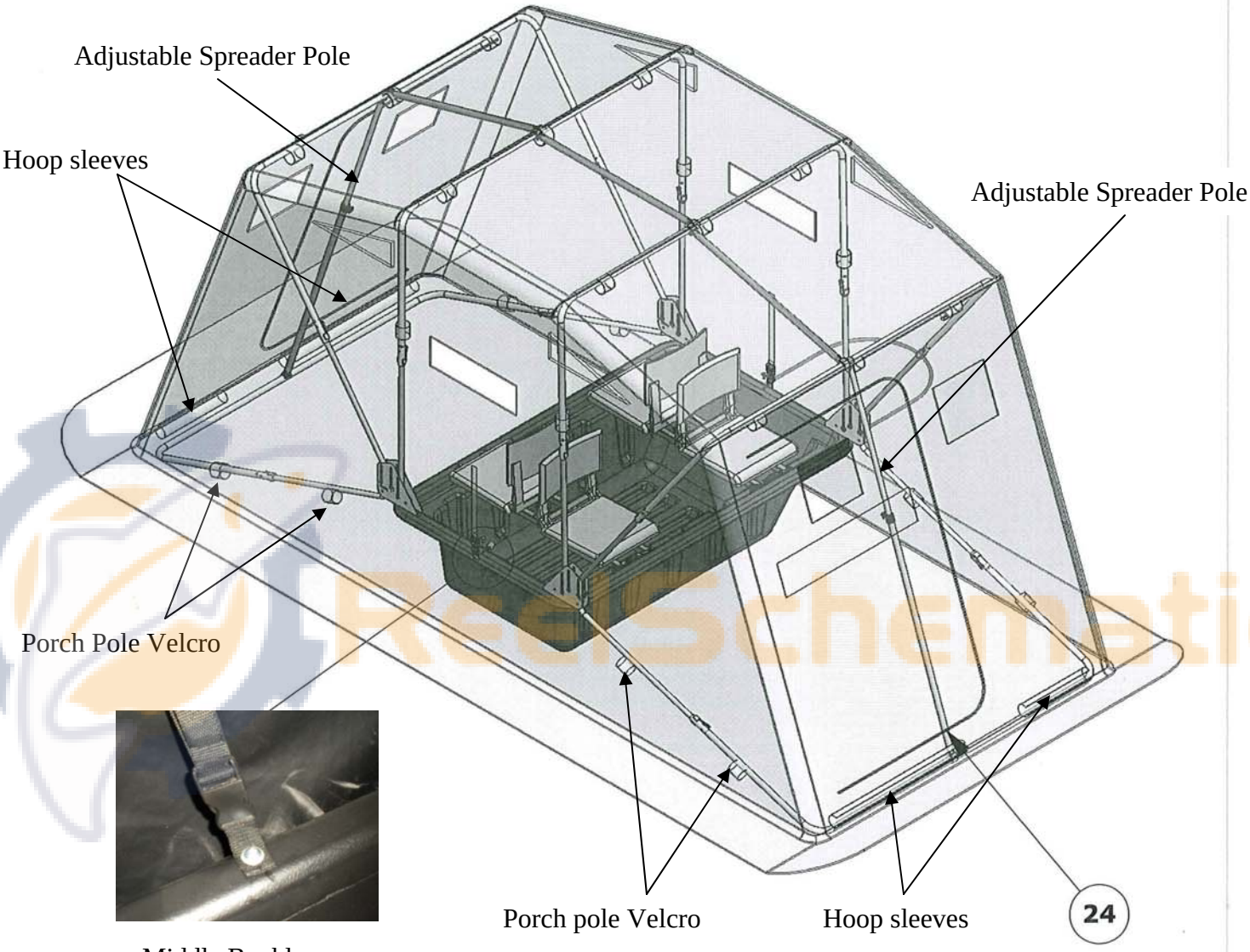



***Extend the hoop poles until the spring buttons engage the holes near the ends of each hoop pole and the poles are fully extended.***

***Support the hoop poles as pictured with the spreader poles. The shelter will now be stable enough to drape the tent over the poles.***

***Install tow rope (item 22). Knot the ends of rope after routing through pre-drilled holes in base.***

## STEP TWELVE






Middle Buckle

***Drape the tent over the supported hoops, then go inside and attach the roof Velcro straps.***

***Feed the length of the front porch poles through the hoop sleeves sewn on the tent. Slide the porch hoop poles onto the porch poles. Install adjustable spreader poles (item 24).***

***Attach the floor hoop Velcro. Install and connect the buckle in the middle of the tent. Inspect the tent for proper fit.***

***IMPORTANT! When collapsing the Denali it is very important to collapse the two front porch hoop poles first to relieve tension on the tent when folding. Failure to collapse the floor hoop poles first may cause the tent to tear at the corners and in this case the tent will not be covered under warranty.***

***When collapsing, lay hoop poles on base first one side then the other until all hoops are on top of base.***

## - Tips for Use -

***Folding and transporting your Clam Ice Fishing shelter is easy:***

- ***Unsnap the spreader poles and lay them in the bottom of the base.***
- ***Push the Rapid Pole Slide push buttons and retract each hoop, starting with the two floor hoops and working towards the middle. Rotate all retracted hoops to the resting position. Tuck the tent into the base and between the hoops so that no material is left hanging on the ground for transport.***
- ***Cover with the Travel Cover* (PN 108073-an optional but recommended accessory to help prolong the life of the unit).***
- ***We recommend the optional Runner Kit* (PN 108446) be mounted to the base of your Fish Trap (NOTE: Pulling behind an ATV or snowmobile may result in premature wear of the base).***
- ***In windy conditions it is advised to secure your shelter to the ice using Clam's Ice Anchor Kit (PN 108064) and Ice Anchor Installation Tool (PN 108348).***
- ***Make sure your ice shelter is completely dried out after each use. Store your Ice Shelter in a cool, dry place. Keep away from rodents.***

***For replacement parts, frequently asked questions, shelter information, and all of your ice fishing needs visit our web site at www.clamcorp.com.***

## - Safety Instructions -

***Please fully understand and follow all safety instructions as outlined. Failure to do so could result in severe injury or death.***

- ***Do not use open flame heaters in your ice shelter. Injury or death may result from fire if tent fabric is exposed to open flame. The tent is not fireproof, but the fabric is treated with a fire retardant that meets CPAI-84 specifications. Application of any foreign substance may render the flame retardant properties ineffective. Ice Armor fabric will melt when contact is made with hot surfaces (i.e., heaters).***
- ***Death from asphyxiation may result from use of oxygen depleting heaters. Open all vents for fresh air ventilation.***
- ***Never leave shelter unattended when set up.***
- ***Due to the increase in traffic (snowmobiles, autos, etc.) on area lakes, ice fishing can be hazardous at night. If you choose to fish at night or in poor visibility conditions, be sure to take precautions with lights or reflectors to show drivers your whereabouts. Night time: exterior reflectors must be visible to reduce risk of collisions.***

**⚠ WARNING**

Death from asphyxiation may result from use of oxygen depleting heaters. Open all vents for fresh air ventilation.

Injury or death may result from fire if tent fabric is exposed to open flame.

Tent fabric is not fireproof. Fabric will burn with extended exposure to open flame. Do not use open flame products inside tent. Tent fabric is treated with fire retardant. Application of any foreign substance may render the flame retardant properties ineffective.

Night time: exterior reflectors must be visible to reduce risk of collisions.

This tent is made with flame resistant fabric which meets CPAI-84 specifications.

# FREQUENTLY ASKED QUESTIONS

Q: What will help keep mice or rodents from eating my Clam/Fish Trap tent?
A: Keep your tent in a sealed plastic tote with DRYER SHEETS and or MOTH BALLS. If being stored in a garage, barn, or shed, take tent off the house and store the tent inside the house.

Q: I have lost my owner's manual where can I get another?
A: There are owner's manuals available for the last few years' shelters online at the following link, http://www.clamcorp.com/manuals.html. You can also contact Customer Service at customerservice@clamcorp.com and have one sent to you.

Q: The poles to my Fish Trap/Clam house have bent out of place should I try to bend them back?
A: It might be possible to bend the pole back into place, if your pole does not have a crease in it. Take the bent pole and lay it on a flat surface and gently bend it back in place.

Q: The zipper on my tent freezes up and or sticks; is there anything I can use to help prevent this from happening?
A: Apply Zipper Lube - A gel that you can apply just by squeezing it onto the zipper and moving the zipper back and forth. This can be found in the camping section of most sporting goods store. Silicone spray works well, too.

Q: Do you have replacement bases available for my Fish Trap or Clam that is a couple years old?
A: We do have bases available for our current shelters. We may not have the exact replacement for the older style shelters, but may have one that will work. If you would like more information on replacement bases or pricing and availability you can email us at customerservice@clamcorp.com.

Q: Do you have replacement tents for the current Fish Trap/Clam shelters as well as ones that are older?
A: We do have replacement tents available for our current shelters. W e may not have the exact replacement tent that will fit, but if your house is similar to one of our current style houses we may have a tent that will work. If you would like more information on replacement bases or pricing and availability you can email us at customerservice@clamcorp.com.

Q: The seat poles, frame poles, or spreader poles of my shelter are sticking, is there anything I can put on these poles to help them slide better?
A: Apply Zipper Lube, silicone spray, or bar soap. When the poles get slid up and down sometimes burs will get created. If this happens you can separate the poles that are sliding hard and take a fine file or fine sand paper and debur the pole(s) and then apply a light film of lubricant.

Q: My V-channel molding is difficult to get started what can be done to help?
A: Heating the V-channel with a hair dryer prior to installation will help make the U-channel molding more pliable.

Q: Would it be best to completely dry my shelter out every time it gets used?
A: It is recommended to dry your tent out completely after each use, if not dried completely moisture left in the house may cause damage to your tent.
*** Please Note- dry tent completely or remove tent if applicable, if you are going to store over a long periods of time. ***

Q: What can I do to make it easier to pull my Clam shelter and protect the base?
A: We sell runner kits that can be mounted to the base of your shelter. This is recommended especially when pulling with ATV and/or snowmobile. You can purchase a runner kit at a local dealer near you or on our web site at www.clamcorp.com

Q: How do I wash my shelter tent?
A: You can use a bleach and water solution (10 parts water to 1 part bleach) to get rid of the mildew smell and surface dirt. If you want to wash the tent you can use a standard soap to wash it.
*** Please note - We **do not** recommend placing your shelter tent into a washing machine for cleaning. ***

Q: Are patch kits available for my Fish Trap and Clam shelter?
A: Patch kits are available they can be purchased online at www.clamcorp.com. Instructions are included. "When applying a patch it works best to use spray adhesive (we recommend using 3M #77 or 3M #90 spray adhesive) on to both surfaces; the part of the tent where the patch is going to be applied and the patch itself. Wait until the adhesive begins to dry and becomes tacky, then place the patch on the tent, and they will stick together."

Q: Am I able to order parts and accessories from Clam website?
A: Absolutely, if you are not able to find what you need at your local dealer you can go to www.clamcorp.com to order your accessories and/or parts.

# FREQUENTLY ASKED QUESTIONS

Q: Is there anything can be put on outside of the tent to prevent water from coming through, when we are using it?
A: Customers have been known to spray or apply water repellant on the outside of the shelter that you would use for camping tents or boots. (Camp Dry would be an example of this type of product). These products will not damage your tent in anyway.

Q: What is the proper way to set up and take down my Fish Trap?
A: **Set-Up:**

- Face the seats. Grab the hoop that is on top and pull on it until you feel and hear the push buttons engaging in the full open position. Grab the next hoop and do the same until all the hoops are fully open. When finished, you should be inside the shelter.
- Install the roof spreaders, then the front spreader(s), and finally the rear spreader(s). (Spreader count varies with shelter style/configuration – smaller shelters use only a rear spreader).

**Take-Down:**

- Remove all spreaders and lay in the bottom of base.
- For adjustable spreaders, snug the tension knobs after compacting so that they don't vibrate out during transit.
- From inside the shelter, start with the rear wall hoop. Compress both buttons and retract the hoop, then the same with next inward hoop, etc. Continue until all upright hoops are collapsed.
- Step out of the shelter, disengage the porch hoop buttons and swing the porch hoop onto the previously retracted hoops. Make sure the tent does not catch on the mount brackets while collapsing the porch hoop.
- Go around the shelter and tuck the tent material in between the rested hoops the best you can to keep the tent material from dragging during transit – a travel cover works great here to hold everything together.

***Please Note: Make sure that the tent material is clear of the canopy brackets to minimize rubbing or possible tearing. ***

Q: Do you ship outside of the United States?
A: We will take phone orders for any item or parts required to **MAINTAIN** the shelter (tents, poles, parts, patch material, etc.) We will charge for the product plus the actual shipping charges. It will be the customer's responsibility to pay all the importing costs (duties, taxes, etc.) at the time the goods are delivered.

Q: Why can I see pin holes in my fabric?
A: There are a few explanations as to why those pin holes exist. The color and/or black-out coating may be worn off the fabric due exposure to the elements and wear due to friction. Ice Armor fabric is a woven material and these pin holes are parts of the thread that the coating did not attach to. Either way this has no effect on the function of the fabric and is simply an appearance issue.

Q: Why are there cracks on the inside finish of the fabric?
A: This is normal, when you fold up your shelter, lines develop in the fabric. The inside coating may even appear to be peeling. This is normal and will not affect the overall function of the ice house.

Q: Will my fish house leak because I can see pin holes in the fabric?
A: Quite the opposite, as you heat your house and the snow and ice begins to melt, the vapors can better escape the shelter through an uncoated fabric. When it snows or rains, the water molecules are larger than the vapor molecules and cannot pass through the fabric and into the house.

Q: It gets wet in my ice shelter. Will using a heater eliminate water in my shelter?
A: A warm interior coupled with a cold exterior will cause condensation. This moisture collects on the poles, sides, and top of the house and drips inside the house. A by-product of burning propane is water. You may think that a bigger heater would get rid of the water, but the opposite is true. You would actually be creating more moisture due to burning more propane, resulting in more condensation from the heat, ice, and water vapor created by the heater.