Model No.

- 8389 -

p/n 108389

Specifications

- ***Height - 70" (22" packed)***
- ***Width - 38"***
- ***Depth - 110" (63" packed)***
- ***Weight – 60 lbs.***
- ***Instructions – 102695***

- 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.

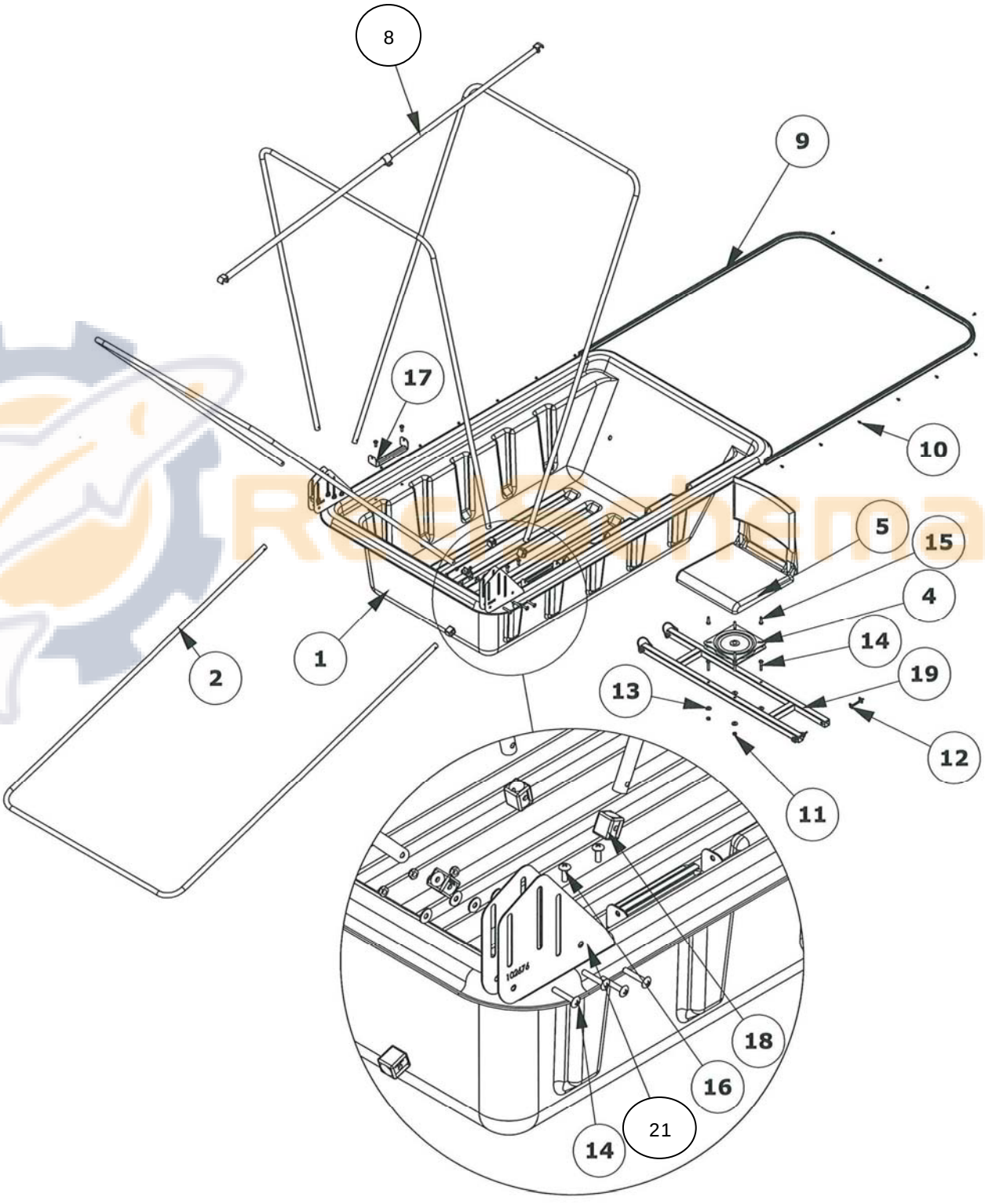
- Limitation of Liability -

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.

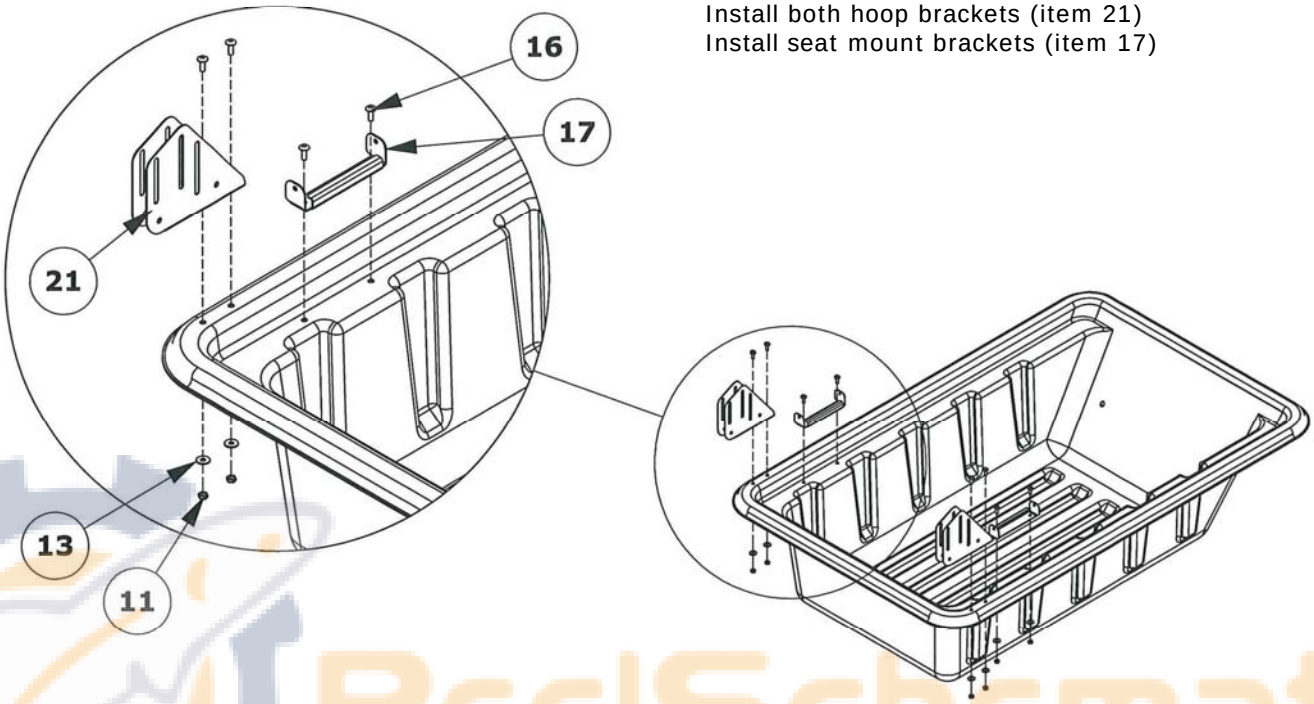
- Parts List -

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	102683	BASE, KODIAK	1
2	102686	HOOP POLE, KODIAK	4
3	102688	TENT, KODIAK	1
4	101399	SEAT SWIVEL	1
5	102780	SEAT ASSY	1
6	102778	SLIP COVER, BOTTOM	1
7	102777	SLIP COVER, BACK	1
8	101186	ADJUSTABLE SPREADER POLE	1
9	102814	MOLDING, V-CHANNEL	1
10	101148	SCREW, #6 X 0.38	16
11	101082	NUT, 1/4-20 THIN NYLOCK	20
12	101314	LYNCH PIN	4
13	101081	WASHER, 1/4 FLAT	20
14	101208	SCREW, 1/4-20 X 1-1/2"	12
15	101097	SCREW, #14 X 1.00	4
16	101088	SCREW, 1/4-20 X 0.75	8
17	102808	SEAT MOUNT BRACKET	2
18	101010	SPACER CAP	8
19	102675	SEAT TUBE WELDMENT	1
20	101095	ROPE, 3/8 DIA X 9 FT TOW	1
21	102676	MOUNT BRACKET	2
22	102695	INSTRUCTION, KODIAK	1

REPLACEMENT PARTS



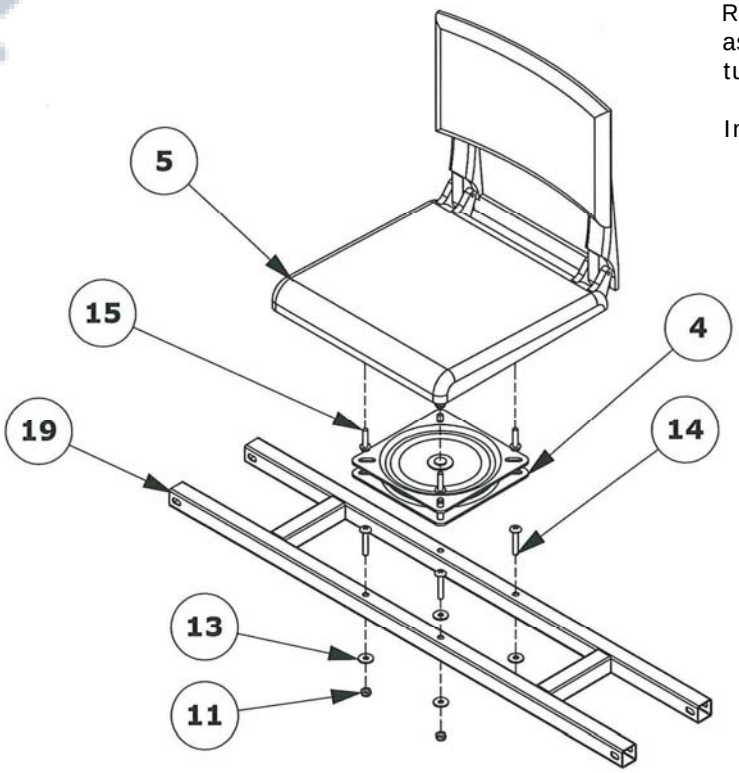
STEP ONE



Install both hoop brackets (item 21)
Install seat mount brackets (item 17)

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STEP TWO



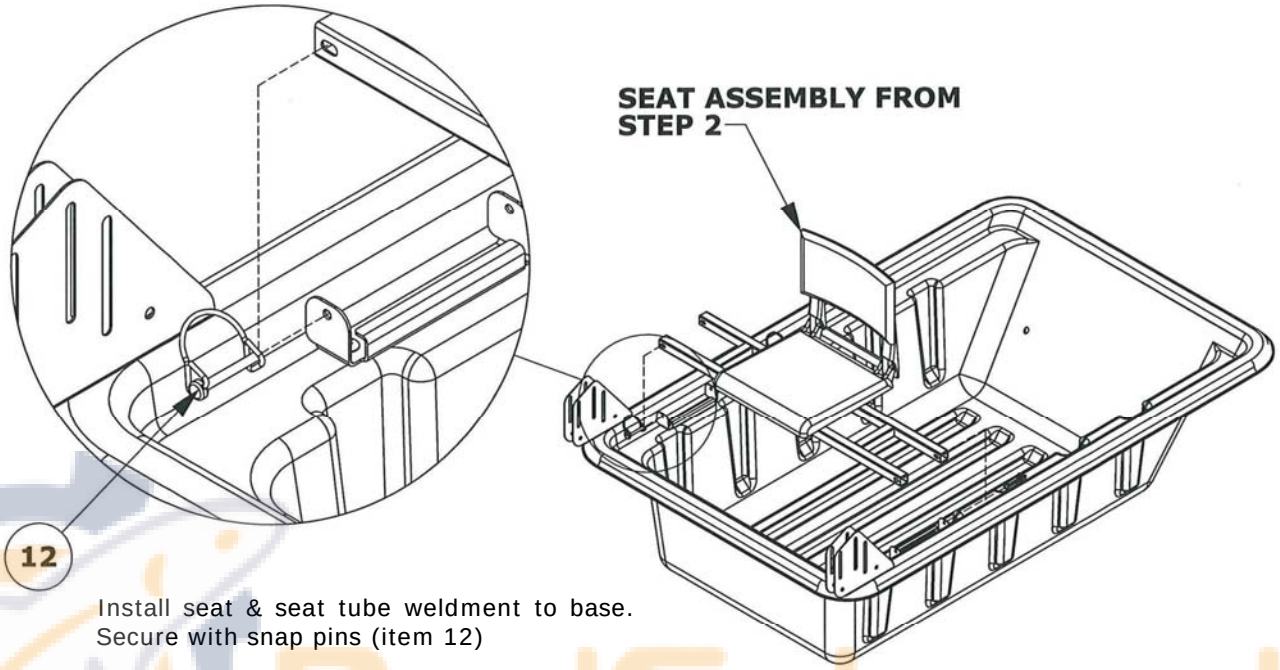
Rotate the seat swivel (item 4) as shown and install on seat tube (item 19).

Install seat (item 5) to swivel.



Swivel bolts (item 14).

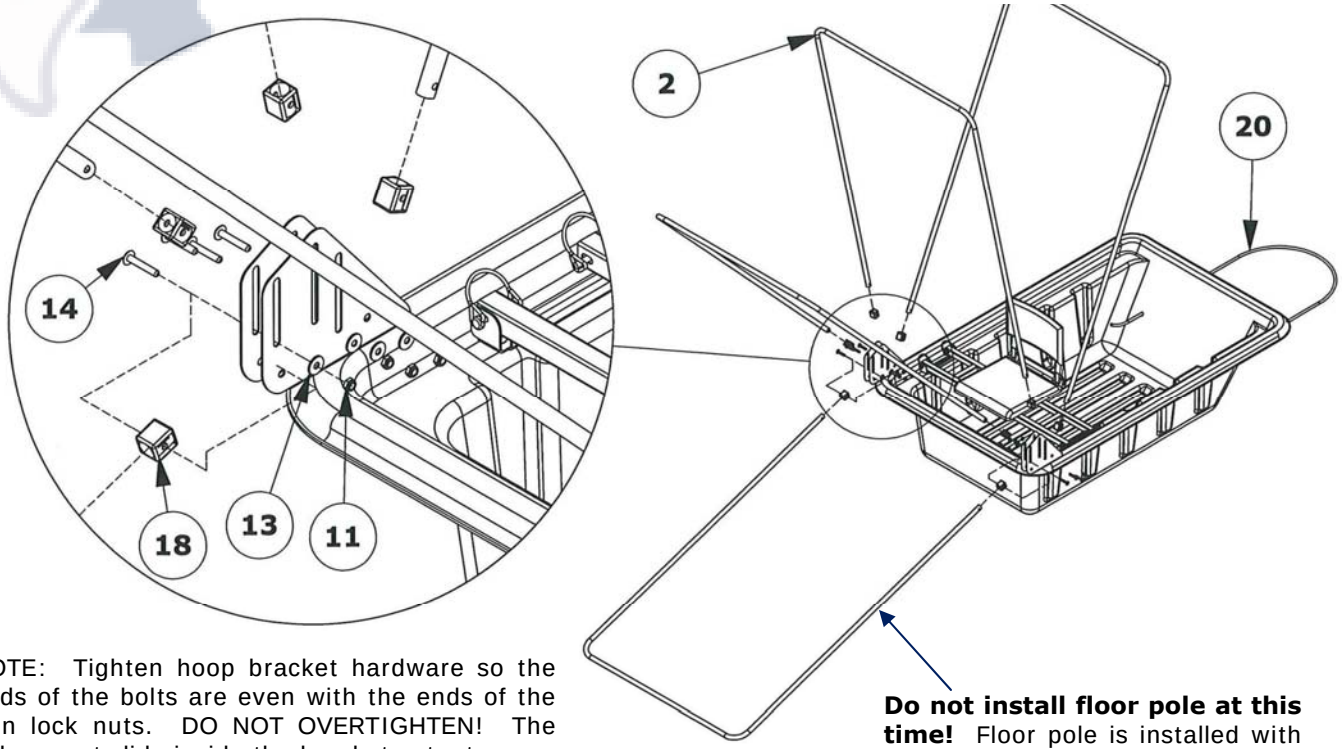
STEP THREE



Install seat & seat tube weldment to base. Secure with snap pins (item 12)

STEP FOUR

Install hoop poles (item 2) & tow rope (item 20). **NOTE: See photo in step 6 for pole placement.**



NOTE: Tighten hoop bracket hardware so the ends of the bolts are even with the ends of the thin lock nuts. DO NOT OVERTIGHTEN! The poles must slide inside the bracket cutouts.

Do not install floor pole at this time! Floor pole is installed with the tent (step 7).

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STEP FIVE

Install seat slip covers



Install back slip cover (item 7).



Install bottom slip cover (item 6).

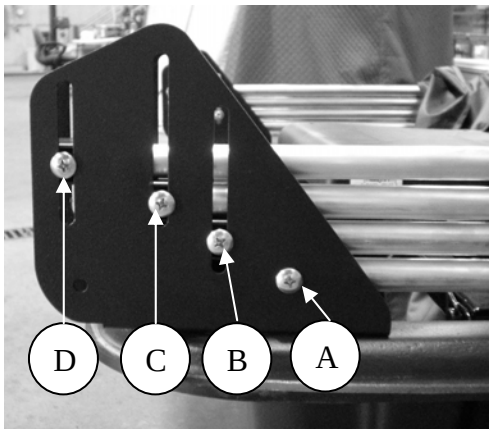


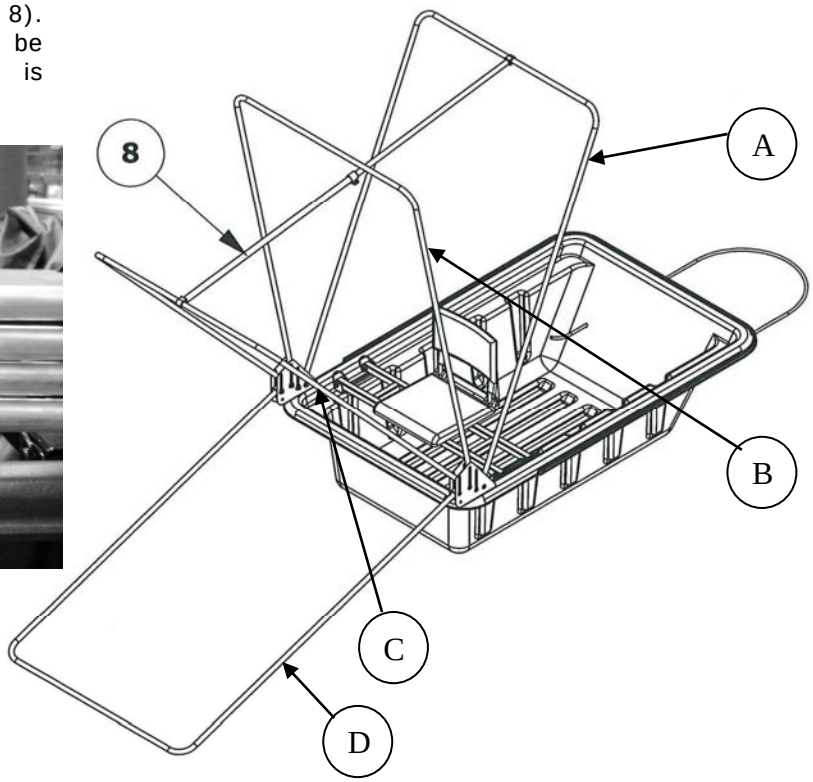
Seat covers installed

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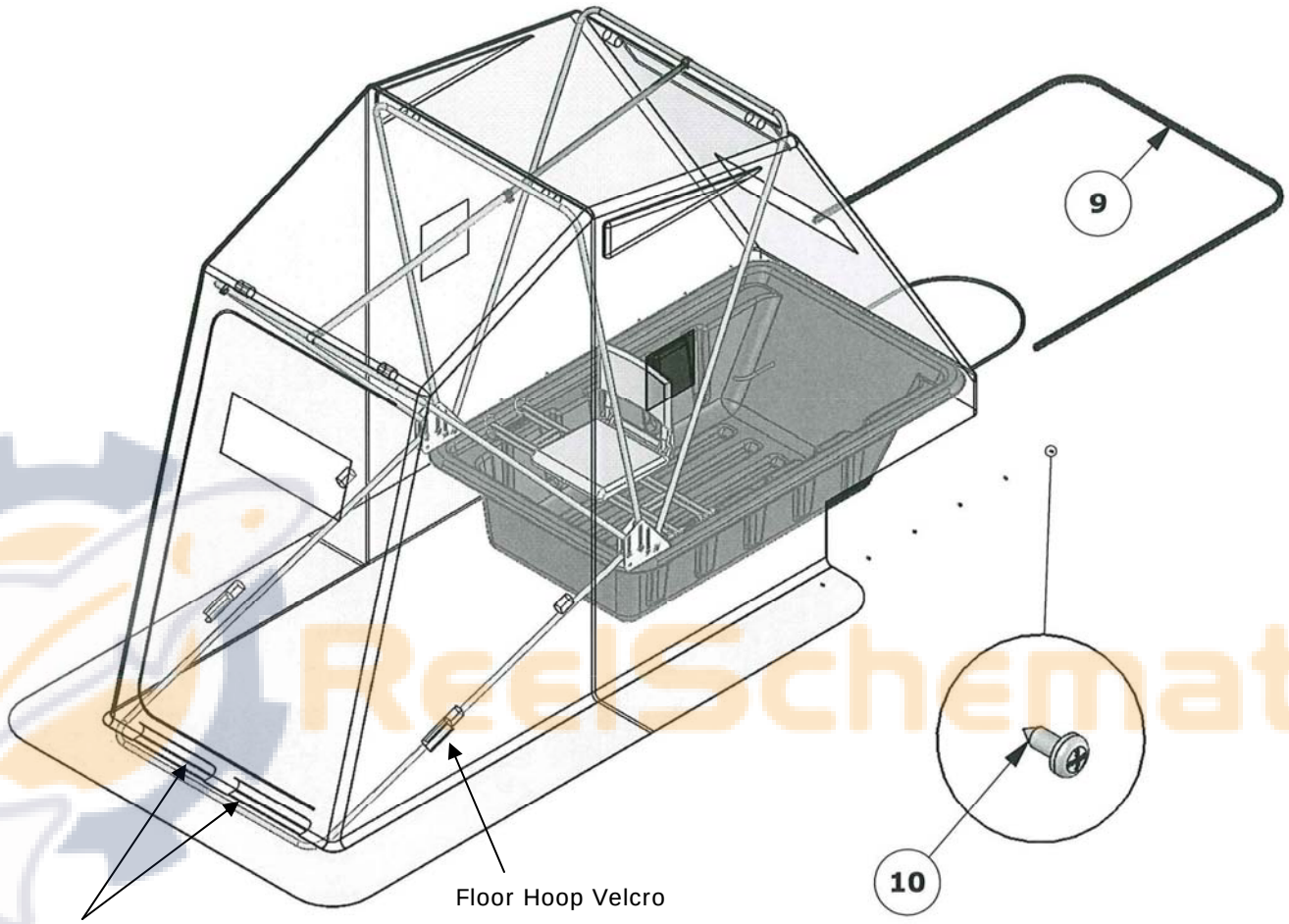
STEP SIX

Install spreader pole (item 8). The center hoop will not be supported until the tent is installed.





STEP SEVEN



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

Slide the porch hoop pole through the porch hoop sleeves sewn on the tent. Install the porch hoop pole to the mount brackets.

Attach the porch hoop Velcro. Set the tent in the next step.

- Step Eight -

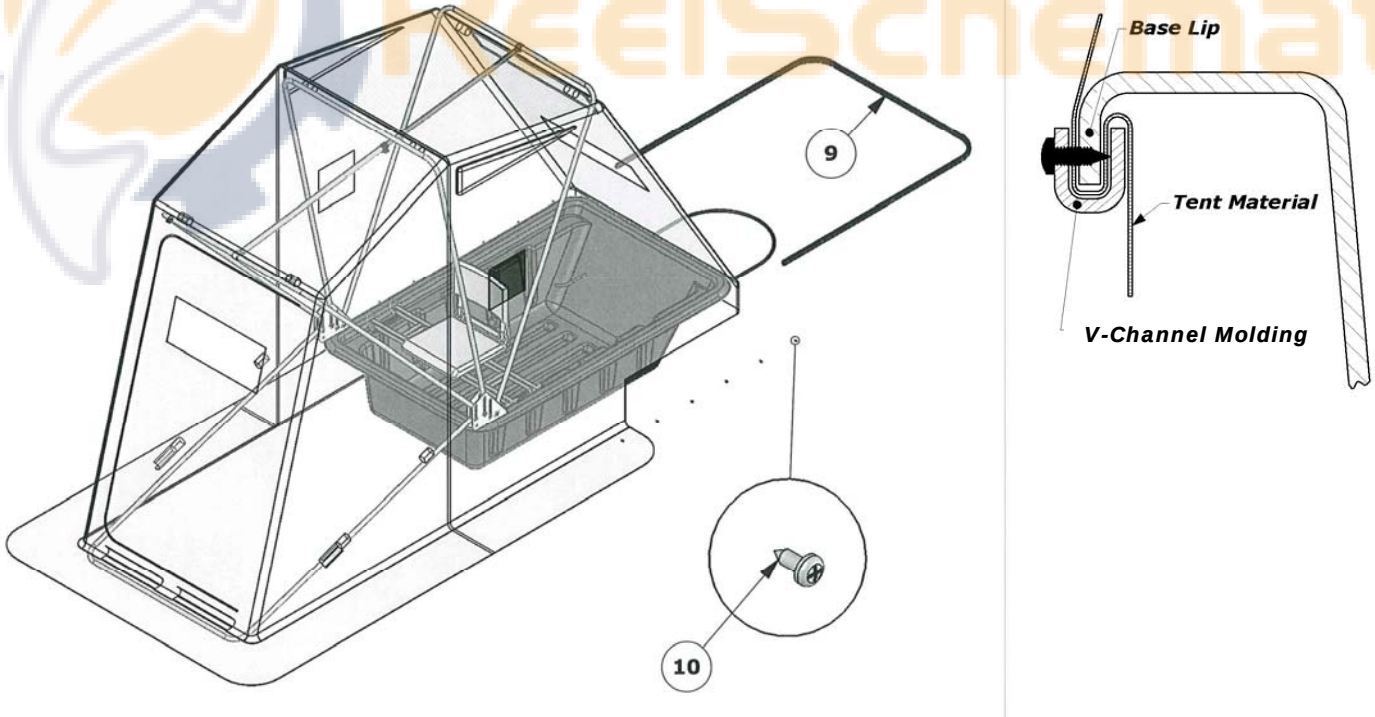
To "set" the tent, grasp the tent material at the rear of the shelter and pull it downward. Observe the fishing area of the tent lifting accordingly as you pull. When the V-Channel molding (item 9) is correctly installed, the porch hoop pole will lightly touch the floor.

Start by finding the middle of the V-Channel molding and set it in place on the floor. From behind the unit, pull the midpoint of the tent downward and fold the tent material under the base lip. Press the middle of the V-channel molding over the tent material and base lip. Continue pressing outward in both directions until you have secured about 2 or 3 feet of the V-Channel molding onto the base.

Having temporarily secured the tent to the base, walk around the shelter. Readjust the molding until you have verified the proper floor hoop pole position and also that the tent sides and corners are properly proportioned. It is also advised to sit in the seat prior to permanently attaching the tent to ensure that the front porch pole stays in the correct position when weight is added to the shelter seats & base.

Continue applying the molding around the shelter, one direction from center and then the other, pulling the material as you go so that surface is relatively wrinkle-free and snug. Use the entire length of the V-channel molding. Try to achieve even lengths on both sides of the shelter.

If everything still looks good, secure the molding with the #6 phillips screws. Evenly space them about every ten to twelve inches, and also put a screw in the center of both corners. Since there aren't any predrilled holes, it's advisable to use a powered driver for this operation.



ReelSchematic

- Tips for Use -

Folding and transporting your Clam Ice Fishing shelter is easy:

- ***Unsnap the spreader pole and lay it in the bottom of the base.***
- ***Fold all 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 shelter (NOTE: Pulling behind an ATV or snowmobile may result in premature wear of the base).***

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.