FISH TRAP BUILD VIDEO

CLAM

WATCH NOW

400XT PRO THERMAL

MODEL 16844

SPECIFICATIONS

- Part Number: 116844
- Set Up Size:185”L x 75”W x 81”H
- Packed Size:75”L x 49”W x 26”H
- Weight: 190 lbs.
- Fishable Area: 68 sq.ft
- Instructions: 106993

CLAMOUTDOORS.COM

WARRANTY INFORMATION

STOP

Please contact customer service directly at the E-mail or phone number listed below for any quality issues. ***ONCE USED THIS PRODUCT CANNOT BE RETURNED TO STORE.***

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

***** REGISTER YOUR PURCHASE ONLINE AT CLAMOUTDOORS.COM *****

IMPORTANT-PLEASE READ:

This product is warranted to the original retail purchaser (from an authorized dealer) and is non-transferable. Clam Outdoors has a three-year ***manufacturer’s defect warranty*** from the date of original purchase. Warranty does not cover cracked or worn bases ***(if runner kits have not been installed as recommended)***, cracked windows, tent tears or cuts, or broken or bent hoops due to high wind weather conditions or unattended use. Defective parts will be replaced or repaired (at the manufacturer’s option) if found to be defective within three years from the date of original purchase. Warranty will be void if product has been subject to neglect, misuse, improper installation, misapplication, alteration, accident including but not limited to improper maintenance, or use of unauthorized parts or attachments. Please read the entire owner’s manual to ensure proper installation, use, storage and care of your Clam Shelter.

To submit a warranty claim request, please use one of the following methods:

- https://clamoutdoors.com/pages/warranty-form
- Email: customerservice@clamcorp.com

In your request, 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. Our Warranty Department will review your request, and a Clam representative will contact you regarding your claim status. All returns must be shipped to us postage pre-prepaid.

LIMITATION OF LIABILITY

It is expressly understood that Clam Outdoors Inc., 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 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 products. Clam 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

Clam contact information

Customer Service Hrs: 9am to 4pm, Monday – Friday Central Standard Time

Clam Outdoors
Attn: Customer Service
12135 Brockton Lane
Rogers, MN 55369
Phone: 763-231-4120

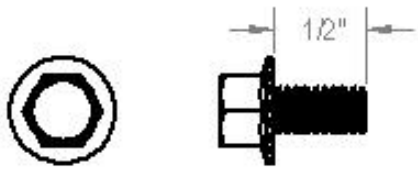
PARTS LIST

QTY.	PART NO.	DESCRIPTION
1	104904	BASE, X400
4	104892	HOOP POLE, X400
4	104897	HALF HOOP POLE, X400
2	114271	LARGE DIMMABLE LIGHT STICK
1	106944	TENT, X400, THERMAL
1	104922	SPREADER POLE KIT, X400
3	104913	ROOF SPREADER POLE
2	104915	ADJUSTABLE SPREADER POLE
4	102759	DELUXE SEAT
1	101249	TOW ROPE, 3/8 DIA X 11 FT
1	108829	BATTERY BRACKET/HARDWARE
4	107352	SEAT COVER, BOTTOM
4	107351	SEAT COVER, BACK
2	106410	LIGHT CORD STORAGE BAG
1	106993	INSTRUCTIONS, X400 THERMAL XT
1	106946	INNERPACK, X400 (INCLUDES THE FOLLOWING)
8	101048	BLOCK SLIDE CIRCLE
8	101146	EXTRUSION CHANNEL
8	101429	SEAT TUBE PLUG
12	103605	LARGE RPSX COLLAR
8	104894	STRAIGHT CANOPY SUPPORT POLE
8	104674	BLOCK SLIDE OVAL
2	103810	RETAINING BRACKET
2	103811	RETAINING BRACKET
4	104905	SEAT TUBE
2	101901	MOUNTING BRACKET
2	101900	MOUNTING BRACKET
4	104896	BENT PORCH SUPPORT POLE
4	105478	SEAT SWIVEL
1	106947	KIT, HRDWR, X400 (INCLUDES THE FOLLOWING)
49	106284	NUT, 1/4-20, FLANGE, NYLOCK
29	106286	SCREW, 1/4-20 X 0.75, BTN, HEX DRIVE
18	101147	SCREW, #10 x 1.00 PPHTCHL YZ
10	106456	SCREW, 1/ 4-20 X 1.75, BTN, HEX DRIVE
19	101470	SCREW, 1/4-20 X 0.50 SER HXFLGHD GR5
7	101081	WASHER, 1/4 FLAT REG YZ
14	106331	SCREW, 1/4-20 X 2.50, PT, BTN, HEX DRIVE
1	106294	ALLEN WRENCH, 5/32 HEX DRIVE, 1/4 THREADS



- **EXTRA FASTENERS ARE INCLUDED WITH THE HARDWARE KIT #106947.**
- **INSTALL ANY RUNNER KIT OPTIONS BEFORE ASSEMBLING SHELTER. REFER TO RUNNER KIT INSTRUCTIONS.**
- **USING A DROP OF OIL ON ALL NUTS WILL EASE THE ASSEMBLY.**

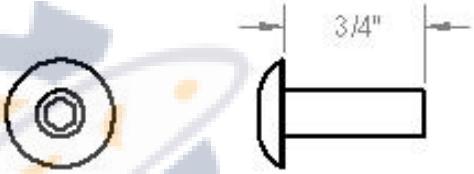
HARDWARE FASTENERS REFERENCE



19X 101470



49X 106284



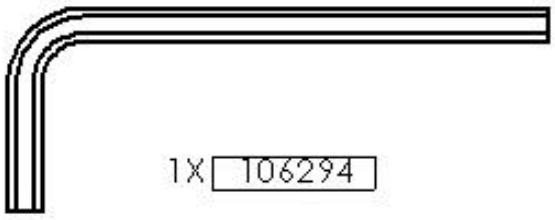
29X 106286



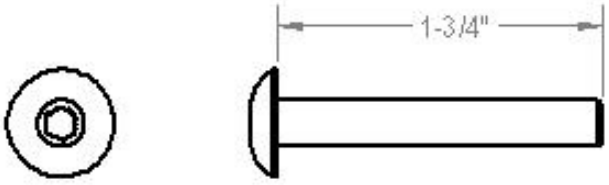
7X 101081



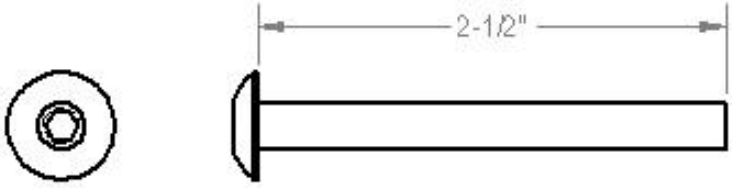
18X 101147



1X 106294



10X 106456



14X 106331

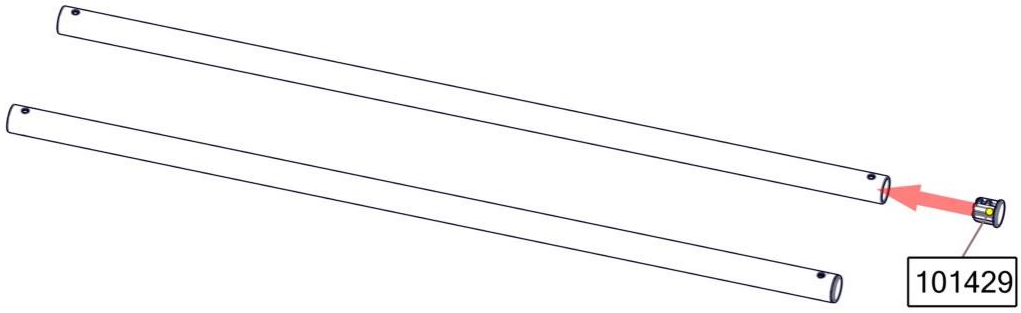
ReelSchematic

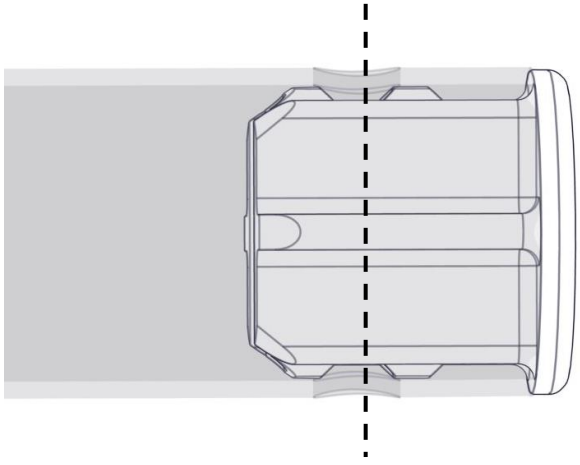
STEP 1 – SEAT ASSEMBLY

Parts Needed for Step 1

Part Number	Description	Quantity
104905	SEAT TUBE	4
101429	SEAT TUBE PLUG	8
101048	BLOCK SLIDE (CIRCLE)	8
104674	BLOCK SLIDE (OVAL)	8
101146	EXTRUSION CHANNEL	8
105478	SWIVEL, SEAT	4
102759	ASSY, DELUXE SEAT	4
103810	RETAINING BRACKET	2
103811	RETAINING BRACKET	2
107352	SEAT COVER, BOTTOM	4
107351	SEAT COVER, BACK	4
101147	SCREW, #10 x 1.00	16
101470	SCREW, 1/4-20 X 0.50	16
106286	SCREW, 1/4-20 X 0.75	16
106456	SCREW, 1/ 4-20 X 1.75	8
106284	NUT, 1/4-20, NYLOCK	24

A. Insert Seat Tube Plugs #101429 into ends of Seat Tubes #104905. ***TIP: Use allen wrench to straighten tube plugs within the seat tubes to line up pre-drilled holes.***

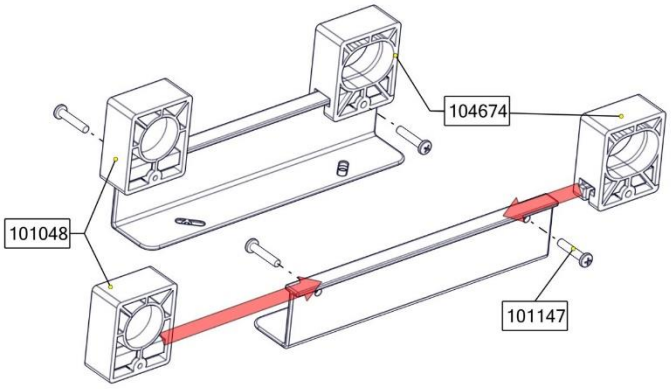




Align hole in plastic cap with hole at end of tube.

B. Assemble the Block Slides #101048 (circle) and #104674 (oval) onto Extrusion Channels #101146.

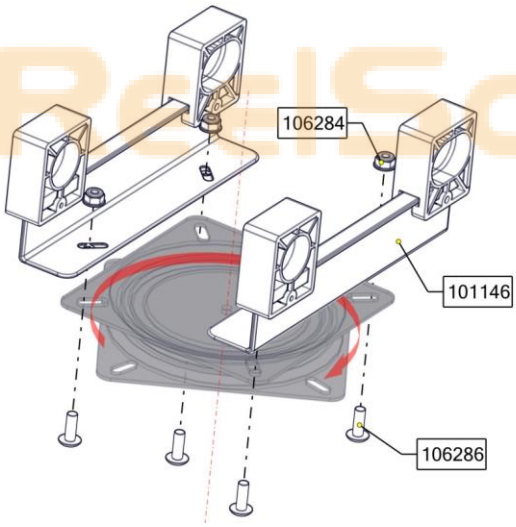
C. Install #101147 screws into Block Slides.



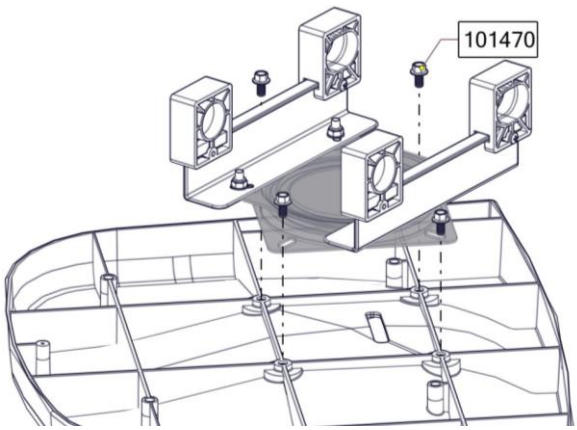
SAME BLOCK STYLE MUST BE ALIGNED TO EACH OTHER (*e.g. oval aligned with oval)*

D. Rotate Seat Swivel #105478 45 degrees so its star shaped and all slotted holes are accessible.

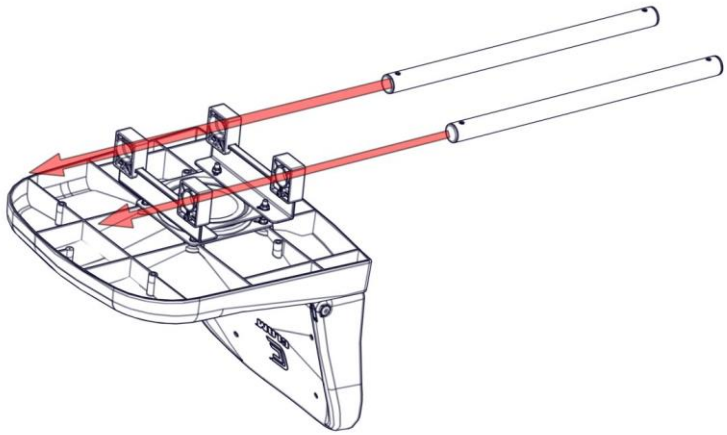
E. Use #106286 bolts and #106284 nuts to secure Extrusion Channels to Swivel.



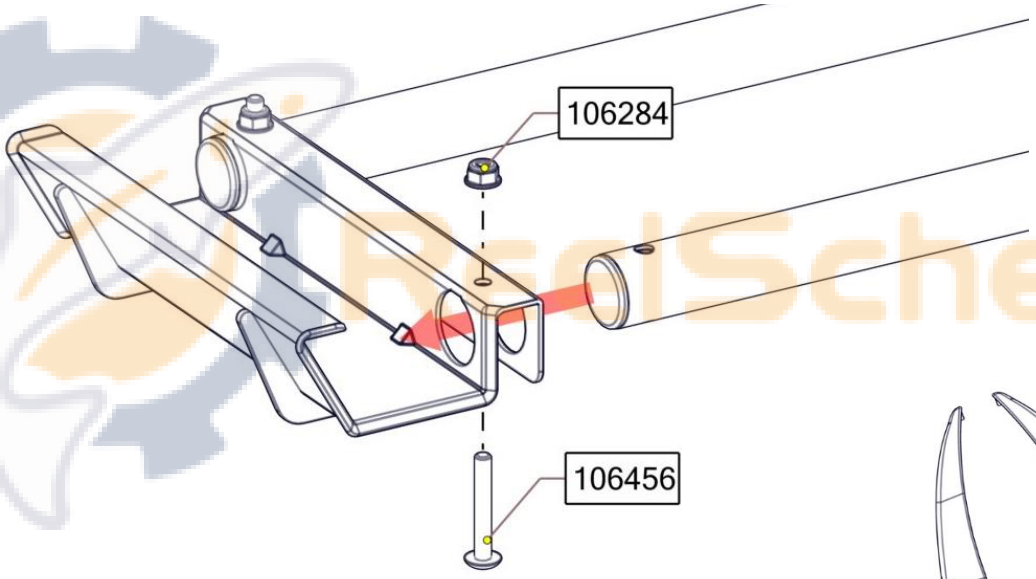
F. Attach swivel assembly to bottom of Deluxe Seat #102759 with #101470 screws and tighten.



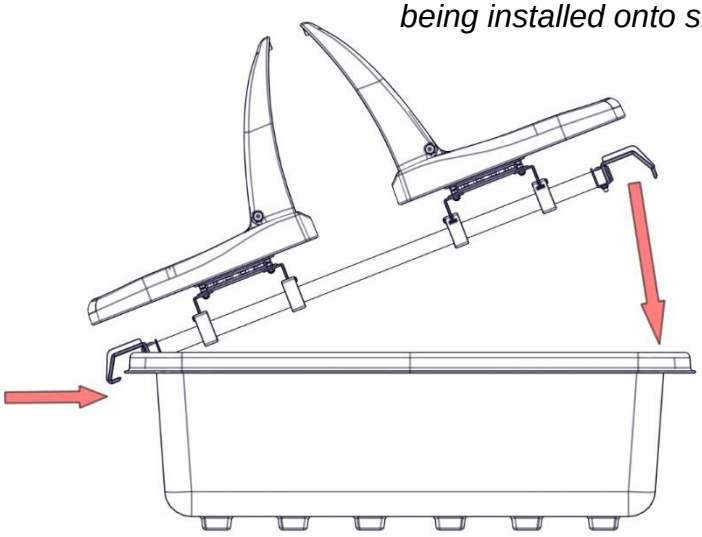
G. Slide the Seat Tubes through the Block Slides. ***TIP: APPLY SILICONE SPRAY TO SEAT TUBES TO ALLOW ASSEMBLY TO SLIDE EASIER.***



H. Install the Retaining Brackets #103810 and #103811 onto the ends of the Seat Tubes using #106456 bolts and #106284.



Completed seat assembly being installed onto sled



I. Insert Seat Cover Back #107351 and Bottom #107352 onto completed deluxe seat assembly, starting with the bottom cushion, and secure Velcro.

J. Repeat Step 1 for second seat assembly.

STEP 2 – LIGHT STICK ASSEMBLY

Parts Needed for Step 2

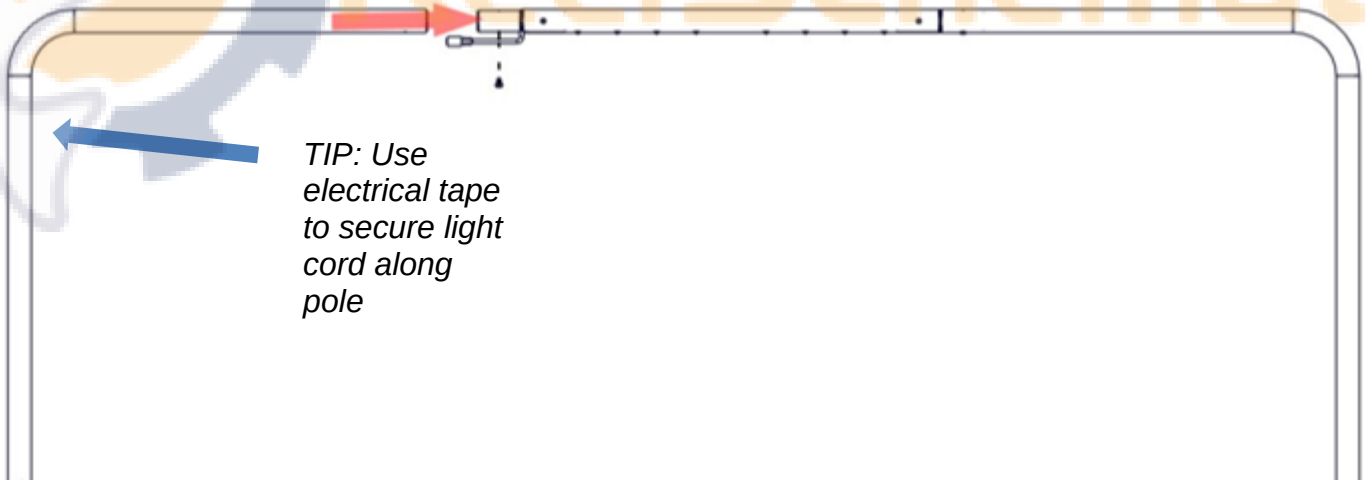
Part Number	Description	Quantity
104897	HALF HOOP POLE	4
114271	LARGE LIGHT STICK	2
106410	LIGHT CORD STORAGE BAG	2

A. Install Light Stick #114271 into the #104897 Half Hoop Poles to make the light stick hoop assembly. Hardware to assemble is included with the light stick.

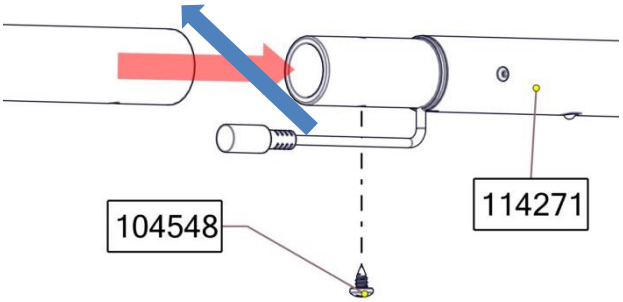
NOTE: Be mindful of where you will be installing the included Battery Bracket as the light stick cord should face that direction.

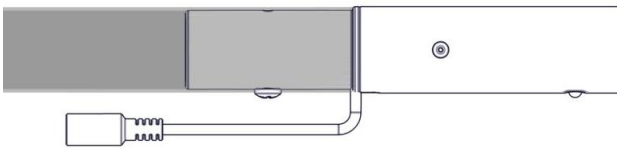
B. Attach Light Cord Storage Bag #106410 to pole assembly.

C. Repeat process for second light stick hoop pole.



TIP: Use electrical tape to secure light cord along pole



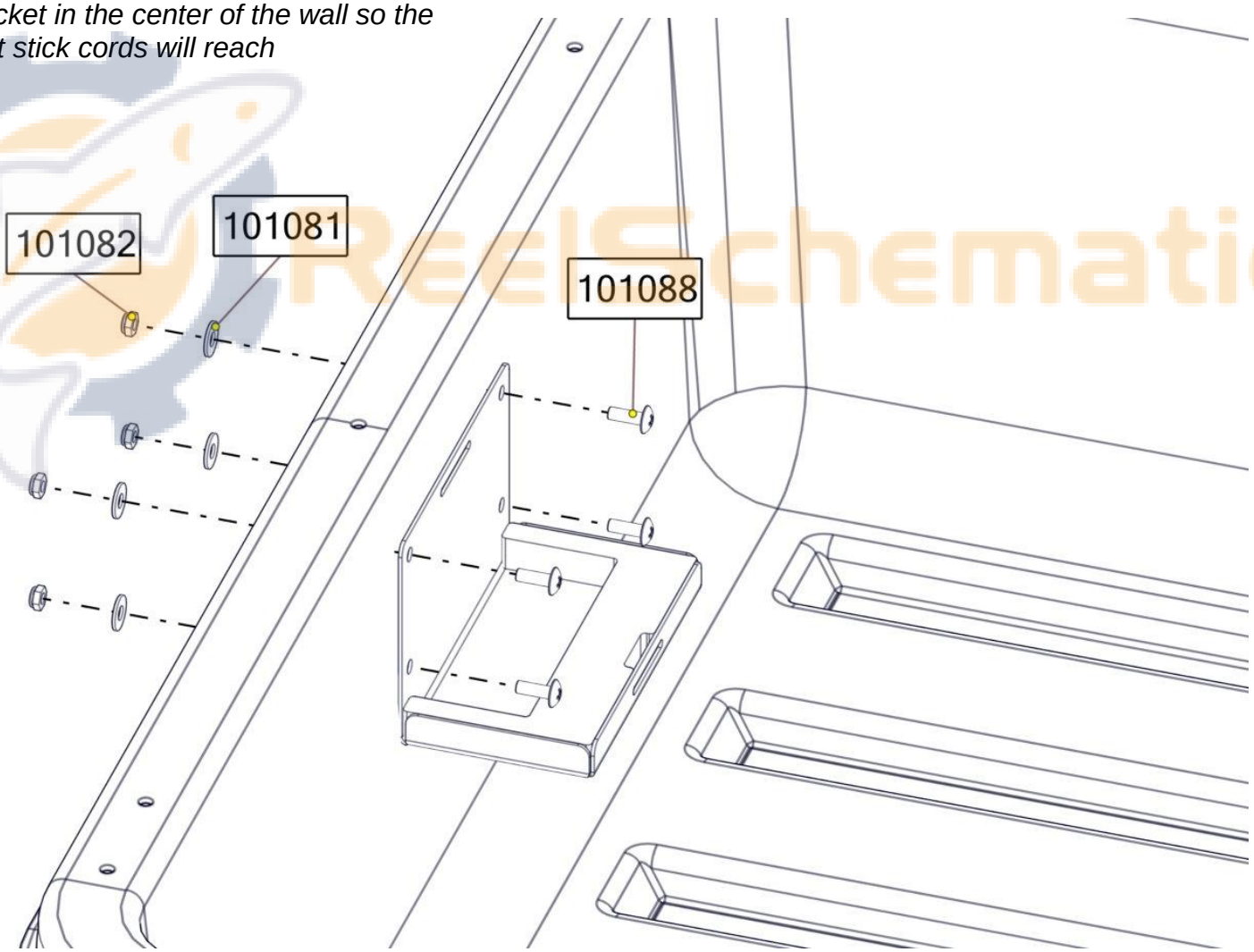


STEP 3 – BATTERY BRACKET

A. Choose which location you'd prefer to have the battery located (battery not included). Light stick cord will need to be able to reach battery. **Since there are two light sticks it's recommended to install the Battery Bracket in the center of the flat back end of the sled.**

B. Install Battery Bracket #108829 as shown below. Refer to the installation manual included with the kit for additional information. Hardware for bracket is included in the kit.

Battery Bracket with included hardware - Recommended to install bracket in the center of the wall so the light stick cords will reach



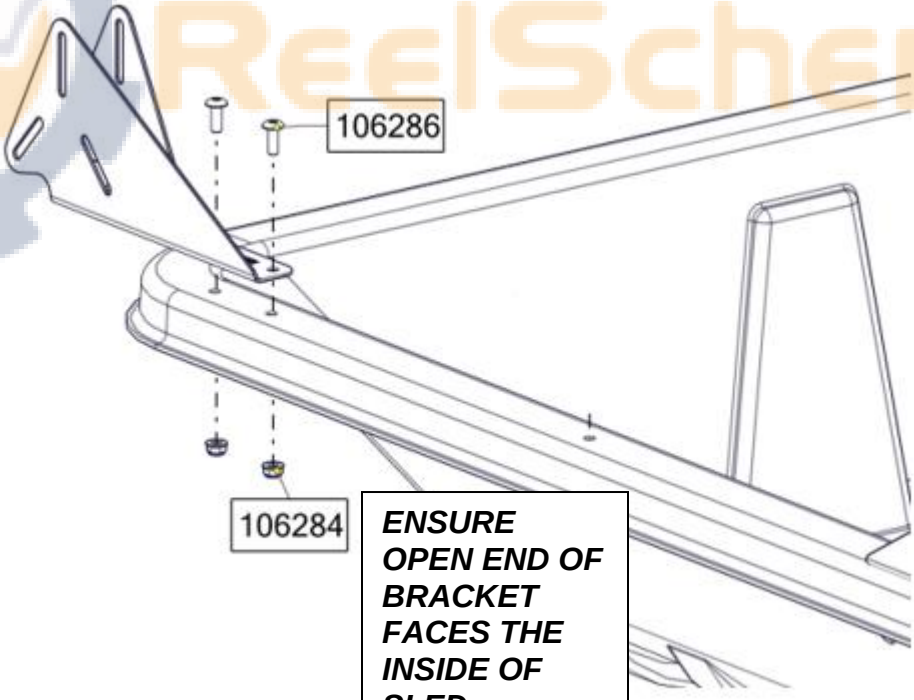
STEP 4 – POLE MOUNTING BRACKETS

Parts Needed for Step 4

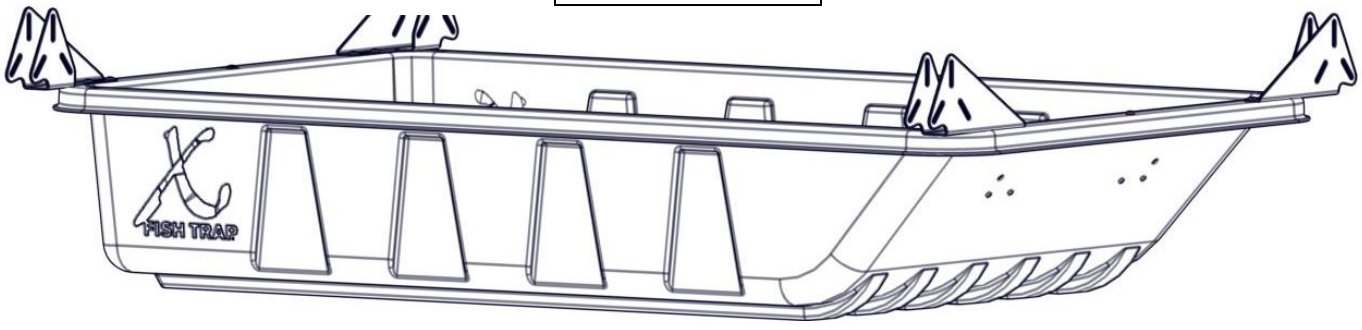
Part Number	Description	Quantity
101900	MOUNTING BRACKET	2
101901	MOUNTING BRACKET	2
106286	SCREW, 1/4-20 X 0.75	8
106284	NUT, 1/4-20, NYLOCK	8

A. Align the Mounting Brackets #101900 and #101901 so the open end of brackets face the inside of sled.

B. Using the BACK two predrilled holes, install brackets onto sled using #106286 bolts and #106284 nuts. TIP: Tighten back bolt first so the bracket can be straightened before securing the front bolt.



ENSURE OPEN END OF BRACKET FACES THE INSIDE OF SLED



STEP 5 – CANOPY SUPPORT POLES

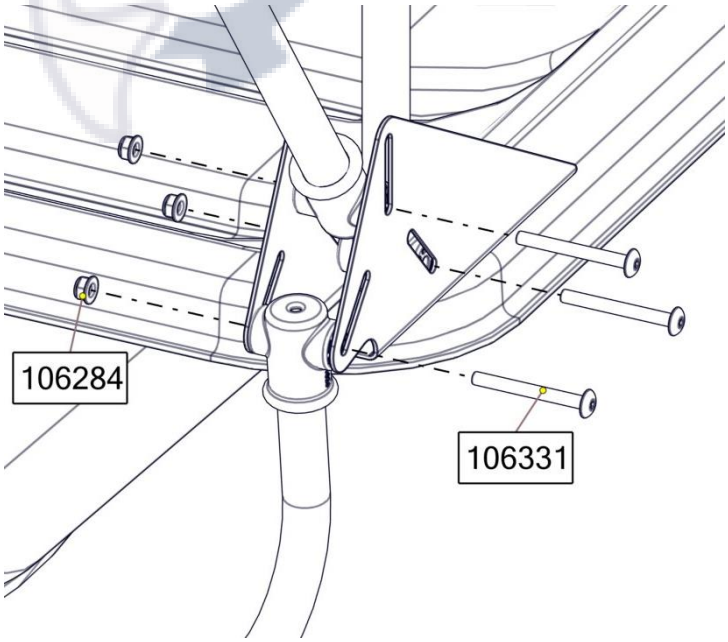
Parts Needed for Step 5

Part Number	Description	Quantity
104894	STRAIGHT CANOPY SUPPORT POLE	8
104896	BENT PORCH SUPPORT POLE	4
106331	SCREW, 1/4-20 X 2.50	12
106284	NUT, 1/4-20, NYLOCK	12

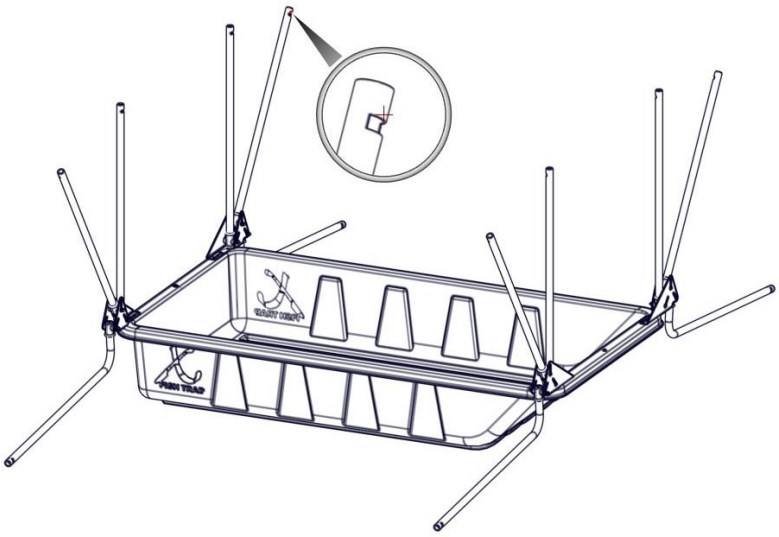
A. Working on one Mounting Bracket, begin by installing the Straight Canopy Support Poles #104894, starting with the back position and working forward. Complete that corner by installing the Bent Porch Support Pole #104896.
NOTE: Slots on poles must face inward as shown in diagram below.

B. Repeat pole installation on all sides.

ReelSchematic

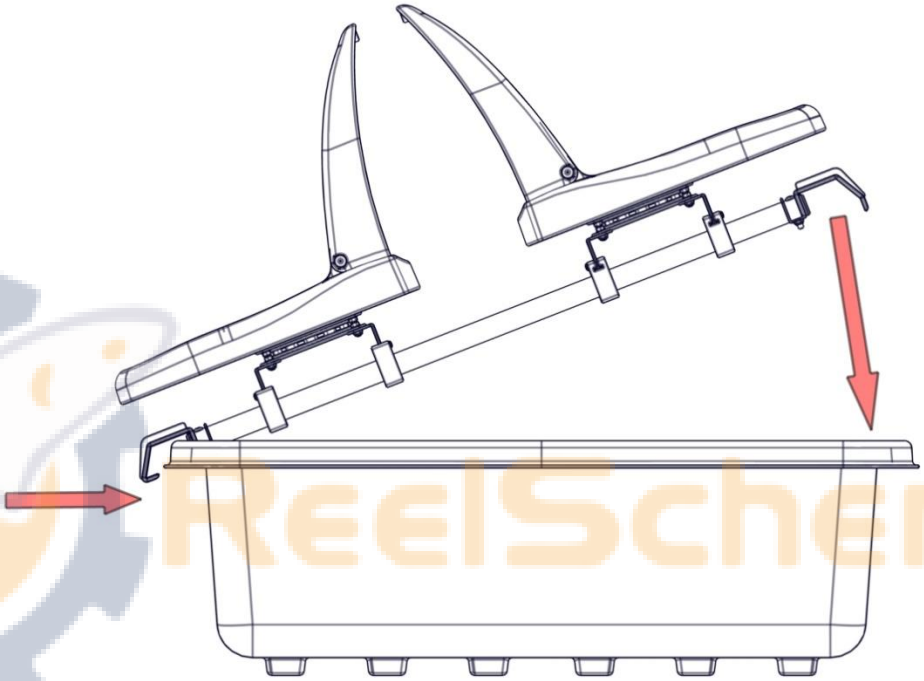


POLES SHOULD MOVE EASILY - DO NOT OVERTIGHTEN



STEP 6 – PUTTING SEATS INTO SHELTER

A. Put seat assemblies into shelter. Start by putting the Retaining Bracket with the lipped end in first.

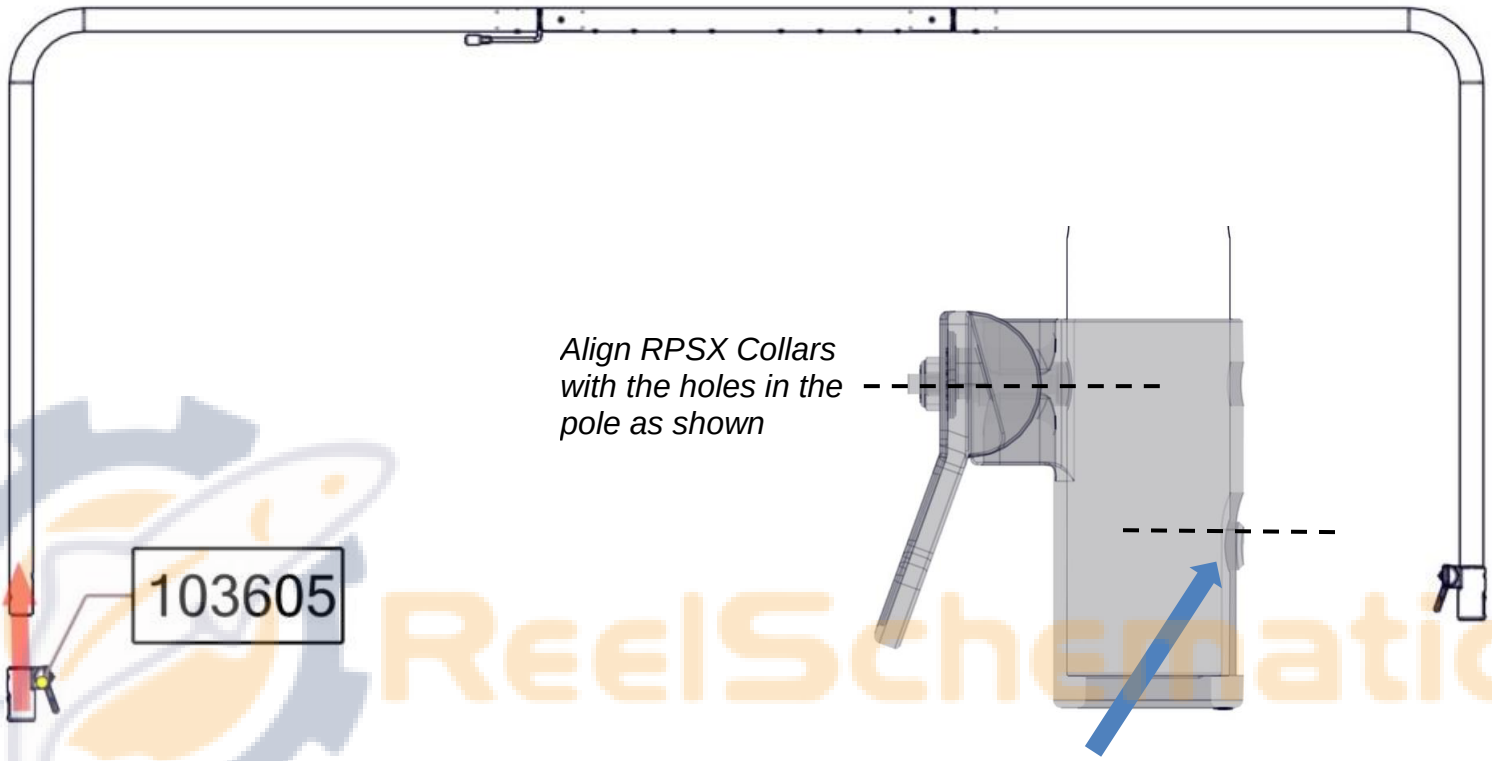


STEP 7 – HOOP POLES

Parts Needed for Step 6

Part Number	Description	Quantity
104892	HOOP POLE	2
103605	LARGE RPSX COLLAR	8
104922	SPREADER POLE KIT	1
N/A	LIGHT STICK HOOP POLE ASSEMBLY	2

A. Put RPSX Collars #103605 onto the Light Stick Hoop Assemblies and Hoop Poles #104892.



ReelSchematic

TIP: Twist the lever on the RPSX Collars 90 degrees to allow for easier installation onto Hoop Pole.



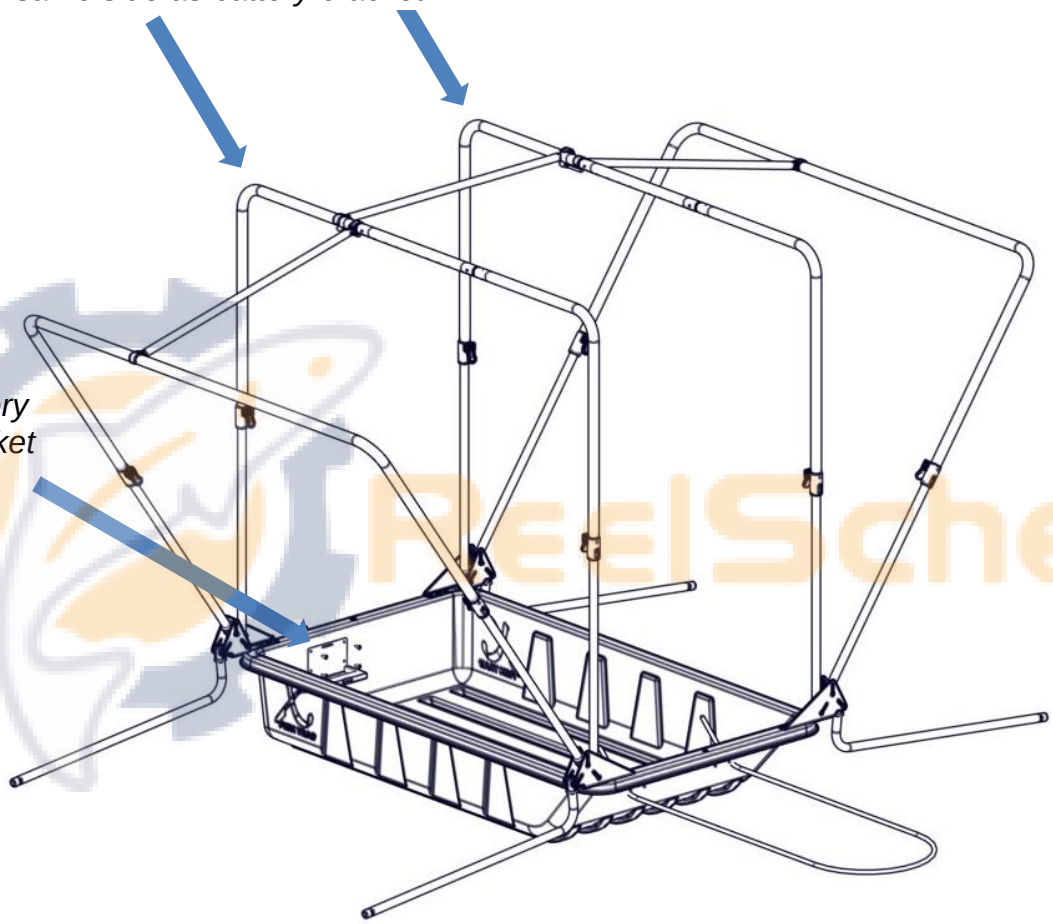
B. Install Light Stick Hoop Pole Assemblies first, making sure the cords of the light sticks are facing the Battery Bracket.

C. Continue installing the Hoop Poles, alternating from each end of the shelter as you go.

D. Using the Spreader Pole Kit #104922, clip the three roof spreader poles into the shelter. ***NOTE: This will aid in the tent installation process.***

Wire from light sticks should be on same side as battery bracket

Battery Bracket



DO NOT INSTALL FRONT HOOP POLES AT THIS TIME

Slide Hoop Poles of Suppoort Poles and lock into place with RPSX Collars



Collar tab is placed on inside of tube

STEP 7 – HOOP POLES

Parts Needed for Step 6

Part Number	Description	Quantity
106944	TENT, X400, THERMAL	1
103605	LARGE RPSX COLLAR	4
106286	SCREW, 1/4-20 X 0.75	2
101081	WASHER, 1/4 FLAT	2
106284	NUT, 1/4-20, NYLOCK	2

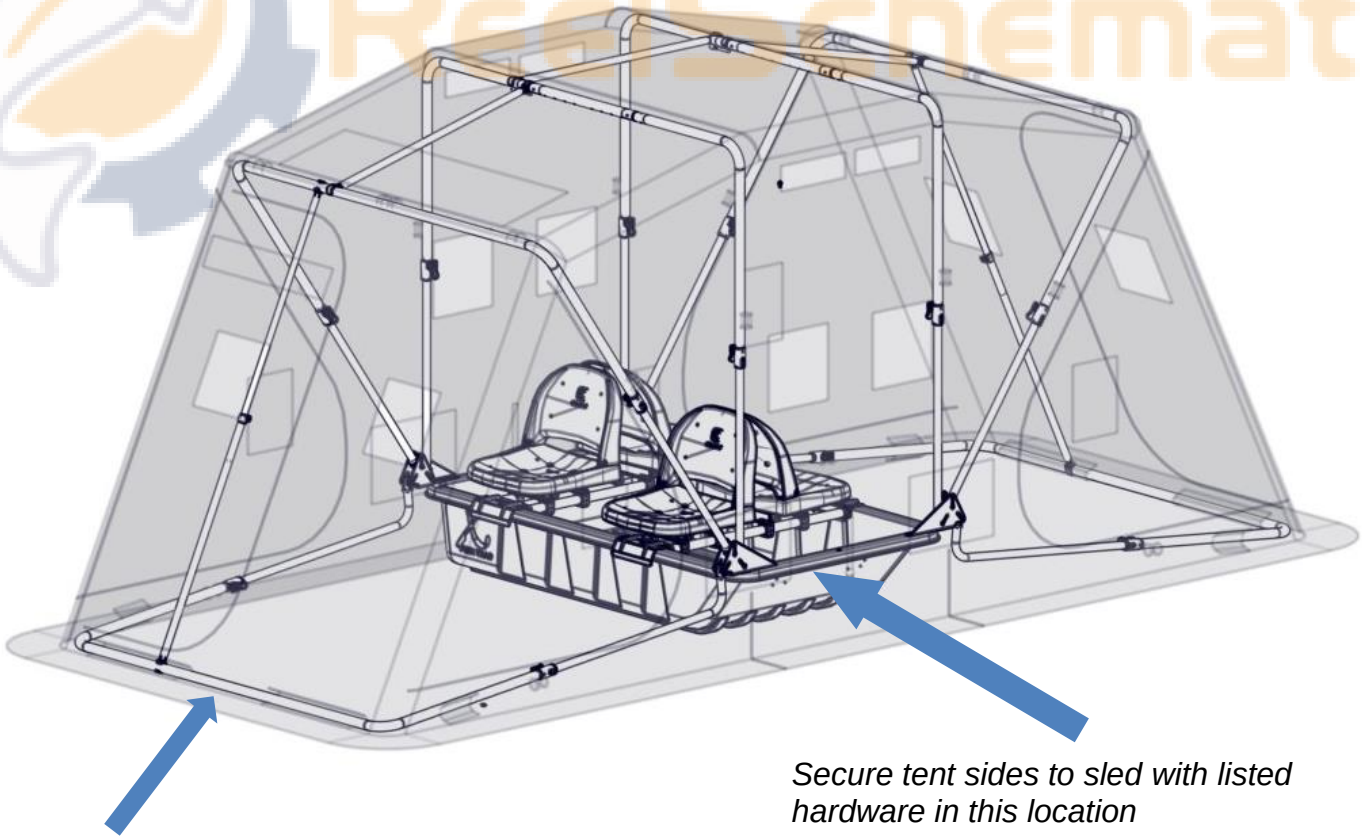
A. Drape the Tent (part #106944) over the Hoop Poles. Attach the tent to the poles on the inside with the Velcro straps.

B. Slide a Hoop Pole #104892 through the sleeve on either end of the tent. Put RPSX Collars #103605 onto the poles.

C. Attach the front Hoop Poles to the connected Bent Porch Support Poles.

D. Clip the two front spreader poles on either end of the shelter.

E. Attach tent side buckles on both sides using #106286 bolt, #101081 washer and #106284 nut.

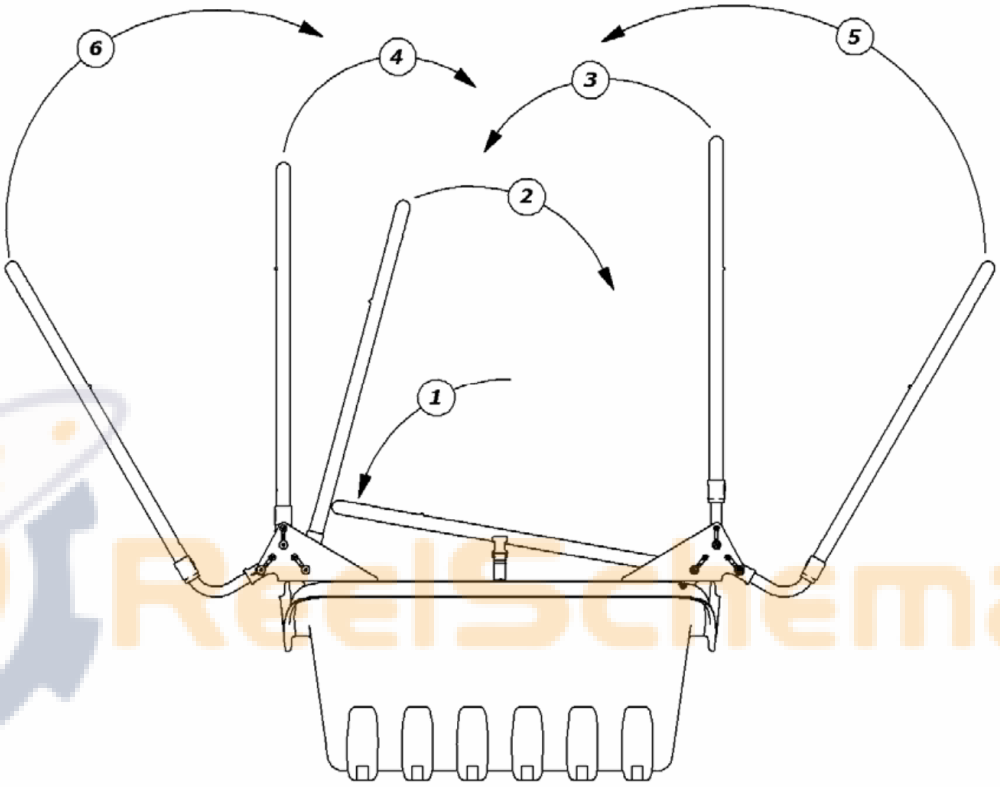


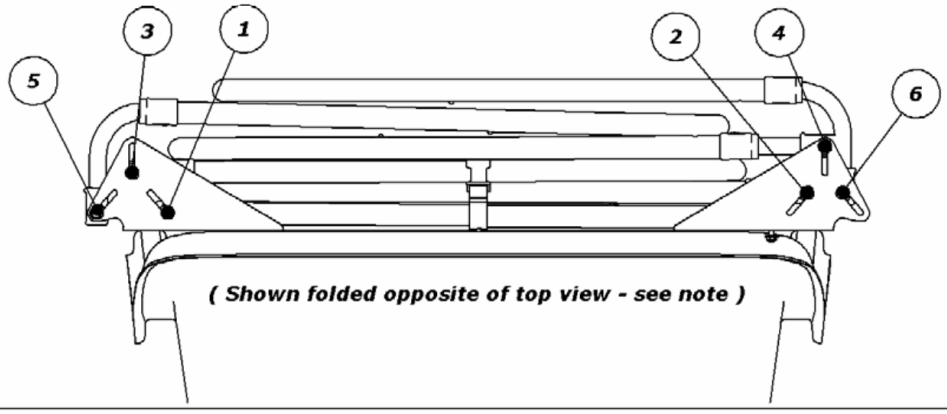
Slide Hoop Pole through sleeve in front and back of tent

Secure tent sides to sled with listed hardware in this location

FOLDING SEQUENCE

IMPORTANT!! WHEN COLLAPSING THE X400 SHELTER IT IS VERY IMPORTANT TO COLLAPSE THE LIGHT STICK HOOP POLES FIRST (#1 & #2 in diagram below) AND TO **UNDO THE WALL VELCRO** ON THESE TWO POLES TO RELIEVE TENSION ON THE TENT. FAILURE TO DO SO MAY CAUSE THE TENT TO TEAR AT THE CORNERS AND ***WILL NOT BE COVERED UNDER WARRANTY.***





(Shown folded opposite of top view - see note)

To collapse the Shelter:

Remove all Spreader Poles and lay them in the bottom of the Sled Base.

Detach the Sidewall Velcro on the inner-most Canopy Hoop Poles and disconnect the Attachent Straps.

Press the snap buttons in and slide each Canopy Hoop Pole in as far as it will go. Then fold down the Poles, starting at the inner most pole on either side, then the inner most pole on the other side, etc. - alternating the sequence of folding from side to side (see numbered sequence above).

Disconnect the attachments straps on each side of the unit.

Tuck the tent into the Base and between the Poles as best as you can.

Note: It does not matter on which side you start the folding sequence since both lengths are equal.

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 middle hoop and working towards the ends. 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.

▪Use of a travel cover to help prolong the life of the unit is recommended (travel cover not included).

▪We recommend the optional Runner Kit be mounted to the base of your shelter (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.

ReelSchematic

Q: What is the proper way to set up and take down my Fish Trap?

Set-Up:

- Face the seats. Grab the floor hoop pole and pull on it until you feel and hear the RPSX collar pins engaging in the fully 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 front spreader, and finally the rear spreader. (Spreader count varies with shelter style/configuration – some smaller shelters use only a rear spreader).

Take-Down:

- Remove all spreaders - snug the tension knobs after compacting so they don't vibrate out during transit.
- From inside the shelter, start with the rear wall hoop. Compress both collars and retract 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 collars 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 to help hold everything together.

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

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. TENT 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. NIGHTTIME: EXTERIOR REFLECTORS MUST BE VISIBLE TO REDUCE RISK OF COLLISIONS.

FREQUENTLY ASK QUESTIONS

Fish Trap FAQ's

Q: Should I install a runner kit/hyfax to the base of my shelter?
A: The warranty on our shelters does not cover cracked or worn bases if a runner kit has not been installed. Additionally, bases will wear much quicker without a runner kit installed.

Q: The zipper on my shelter freezes up and/or sticks. Is there anything I can use to help prevent this from happening?
A: There are lubricants available that can work well, including various silicone sprays, ChapStick and other zipper lubricant sticks and brushes.

Q: The sliding seat poles, frame poles, or spreader poles of my shelter are sticking. Is there anything to put on these poles to help them slide better?
A: Silicone spray lubricants can help prevent poles from sticking. When poles slide against each other sometimes burrs are created. If this happens separate the affected poles and use a fine file or sandpaper to deburr the pole(s) and then apply a thin coat of lubricant before rejoining the poles.

Q: Do you have a replacement tent, base, poles, quick connects or other parts for my Fish Trap?
A: Retailers typically don't carry replacement parts, but we have replacement parts available for purchase direct at www.clamoutdoors.com. We are limited on parts for older model shelters.

Q: The poles to my Fish Trap have bent out of place. Should I try to bend them back?
A: It might be possible to bend the poles back into their proper place. If your bent pole is not creased lay it on a flat surface and bend it back into shape. Replacement poles can be ordered online from our website if needed.

Q: Should I put screws through the U-channel molding and tent of my shelter?
A: Putting screws through the U-channel will help to securely fasten the tent of your shelter to the base. This is a necessary step for proper installation and failure to do so will void the warranty.

Q: I am trying to attach the U-channel molding to my shelter, but am having difficulty getting it started, as it seems too stiff and will not stay attached to the edge of the sled. What can be done to help?
A: It is difficult to attach the U-channel in cold conditions. Assembly of the shelter should be done indoors with the U-channel warmed in a bucket of hot water for several minutes so it's more pliable.

Q: I can see pinholes of light through the fabric of my tent. Is my shelter waterproof and will my fish house leak?
A: Pinholes may be seen along seams or where the tent fabric is bonded to the thermal material on an insulated shelter. In either case, this has no effect on the function of the fabric or performance of the unit. While the fabric of the tent is water resistant it is not waterproof, so some water from rain or melting snow may come through your tent. A waterproofing spray such as Kiwi Camp Dry can be applied to the tent fabric to make the shelter more water repellent.

Q: There are cracks on the inside finish of the fabric of my shelter. Is this normal? Can anything be done to fix this?
A: It is normal for some of the dark colored coating to come off the inside of the tent, particularity on a non-thermal tent. Over time, as you set up and take down the shelter, the dark coating can

begin to flake off, especially along the folds in the fabric when the shelter is collapsed. This does not affect the function of the fabric. If you feel that too much light is now entering your shelter in the places where some of the coating has come off, you may wish to apply a new layer of rubberized coating. A thin layer of Loctite Color Guard (black), found online or at home improvement stores, works well.

Q: Would it be best to completely dry out my shelter after every time it gets used?
A: It is recommended your tent be dried out completely after each use. If it is not dried out, moisture may cause some damage to the shelter. This is especially important if the shelter is being stored for a long period of time.

Q: What will help keep mice or rodents from eating the tent of my Fish Trap?
A: We recommend keeping your tent in a sealed plastic tote with laundry dryer sheets or moth balls. If the shelter is stored in a barn or shed, take the tent off and store it in a more rodent-free environment.

Q: How do I wash the tent of my ice fishing shelter?
A: We recommend using a mild bleach and water solution (1 part bleach to 10 parts water), or a mild soap detergent and water solution to help get rid of mildew and odor in your tent. Be sure to dry the tent thoroughly. We do not recommend using a washing machine to clean the tent as it may cause damage.

Q: Will using a heater help to eliminate or reduce water vapor and condensation in my shelter?
A: No. A byproduct of burning propane is water. A bigger heater will produce more water vapor. Also, the colder the temperature outside the more condensation there will be inside the unit.

Q: Are patch kits available and how do I apply them to my shelter?
A: Yes, patch kits are available for purchase on our website. When applying a patch, it works best to 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. Make sure to apply the patch evenly and smoothly since wrinkles or uneven areas will be very difficult to correct once the two surfaces with the adhesive come into contact with each other.

Q : Do you ship outside of the United States?
A: We can ship to Canada, but note that all prices on our website are listed in US dollars. Canadian orders will include the cost of the item plus shipping, taxes & duties.