SPECIFICATIONS

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

MODEL 16844

CLAMOUTDOORS.COM

WARRANTY INFORMATION

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

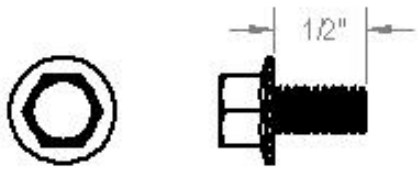
Clam Outdoors
Attn: Customer Service
12135 Brockton Lane
Rogers, MN 55369
Phone: 763-231-4120

PARTS LIST

QTY.	PART NO.	DESCRIPTION
1	104904	BASE, X400
4	104892	TUBE, HOOP, X200/X400
4	104897	TUBE, HALF HOOP, X200/X400
2	114271	LIGHT STICK LARGE, DIMMER
1	106944	TENT, X400, THERMAL
1	104922	KIT, SPRDR POLES, X400
4	102759	ASSY, DELUXE SEAT
1	101249	ROPE, 3/8 DIA X 11 FT TOW
1	108829	ASSY, BATTERY BRKT/HRDWR
4	106167	SEAT COVER, TRAP SHELTERS, BOTTOM
4	106166	SEAT COVER, TRAP SHELTERS, BACK
2	106410	LIGHT CORD STORAGE BAG
1	106993	INSTRUCTIONS, X400 THERMAL XT
1	106946	INNERPACK, X400 (INCLUDES THE FOLLOWING)
8	101048	BLOCK, SLIDE
8	101146	CHANNEL, 8.78 ALUM EXT
8	101429	PLUG, 1.16 DIA TUBE
12	103605	ASSY, LARGE COLLAR
8	104894	ASSY, CANOPY TUBE, X200/X400
8	104674	BLOCK, SLIDE
2	103810	WLDMNT, X4 BRACKET
2	103811	WLDMNT, X2/X4 BRACKET
4	104905	TUBE, X400 SEAT RAIL
2	101901	BRKT, LH X4 CANOPY
2	101900	BRKT, RH X4 CANOPY
4	104896	ASSY, PORCH TUBE, X200/X400
4	105478	SWIVEL, SEAT
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, L-SHAPE, 1/4 THREADS

THERE ARE EXTRA FASTENERS INCLUDED WITH THE HARDWARE KIT 106947

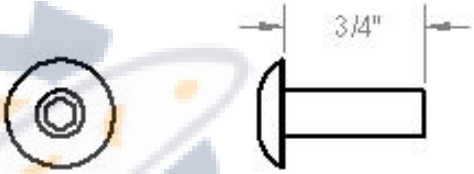
HARDWARE FASTENERS REFERENCE



19X 101470



49X 106284



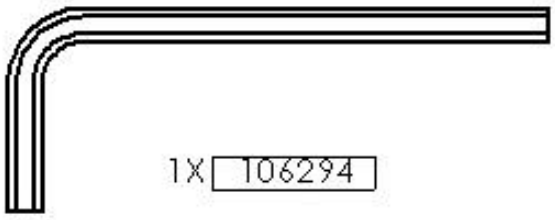
29X 106286



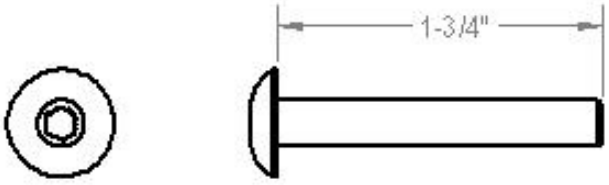
7X 101081



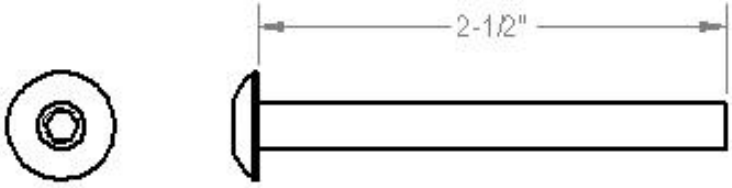
18X 101147



1X 106294



10X 106456



14X 106331

ReelSchematic

Please Notice This

***USING A DROP OF OIL ON ALL NUTS WILL EASE THE ASSEMBLY PROCESS.**

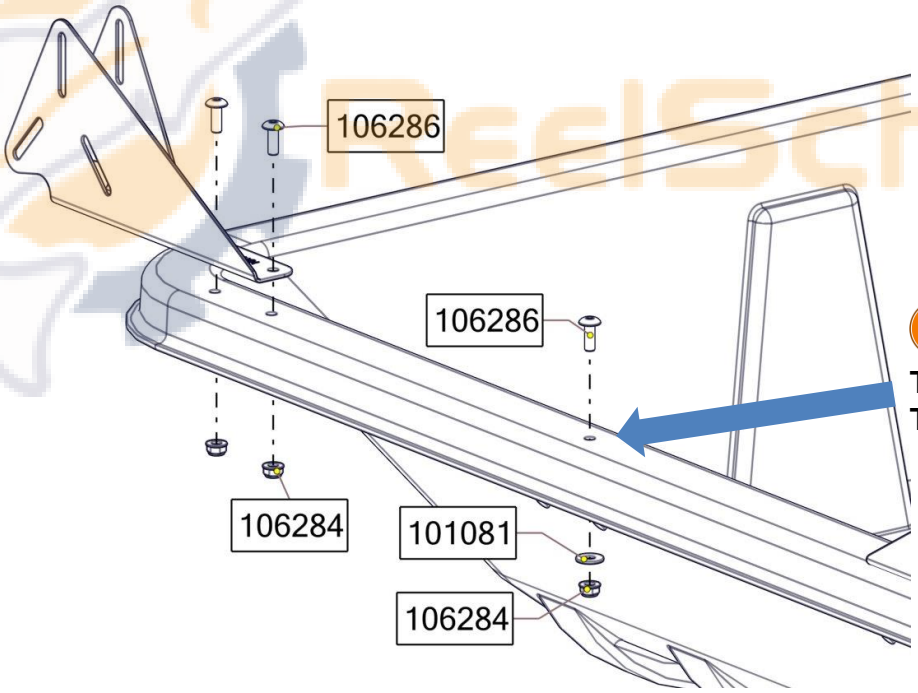
Visit Clam's website (www.clamoutdoors.com) and or our YouTube channel (Clam Outdoors) for shelter build how to videos

INSTALL ANY RUNNER KIT OPTIONS BEFORE ASSEMBLING SHELTER. REFER TO RUNNER KIT INSTRUCTIONS

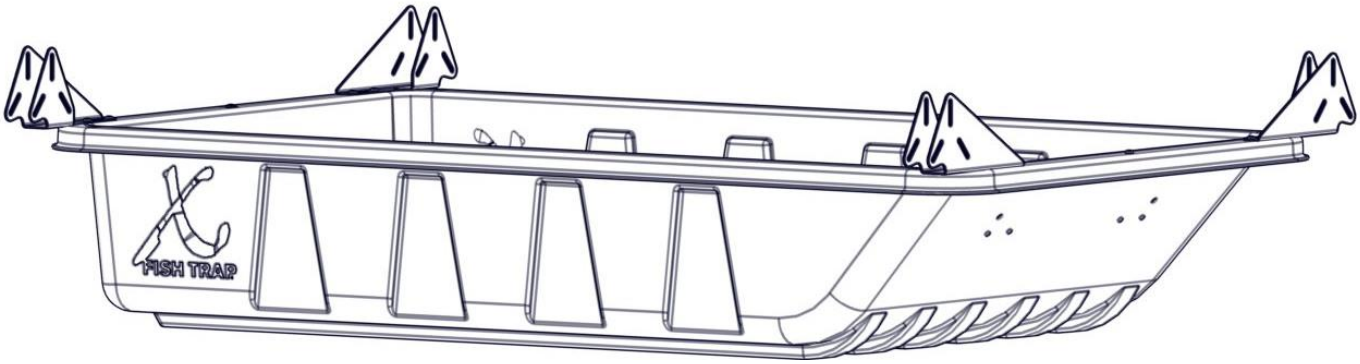
STEP-1

1.INSTALL BRACKETS TO ALL CORNERS WITH FASTENERS AS SHOWN AND SECURELY TIGHTEN.

2.INSTALL SIDE MOUNT TENT FASTENERS AS SHOWN



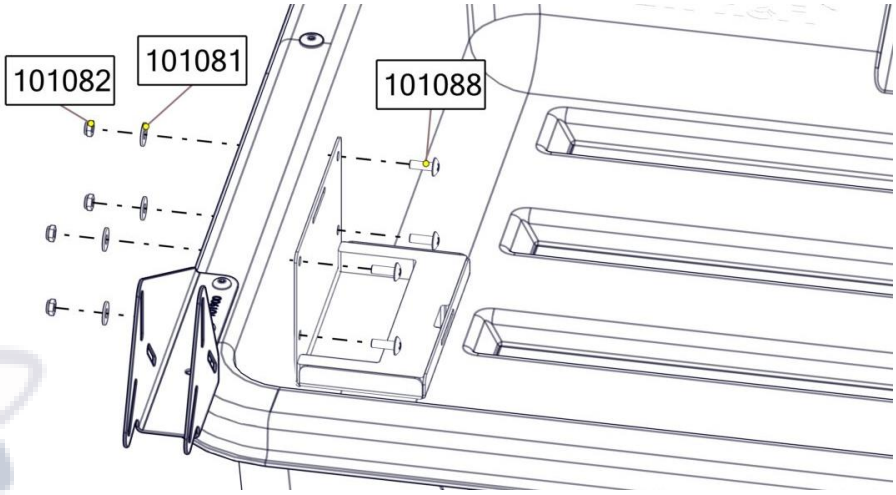
LOOSELY INSTALL THESE SET OF FASTENERS TO USED LATTER FOR TENT



STEP-2

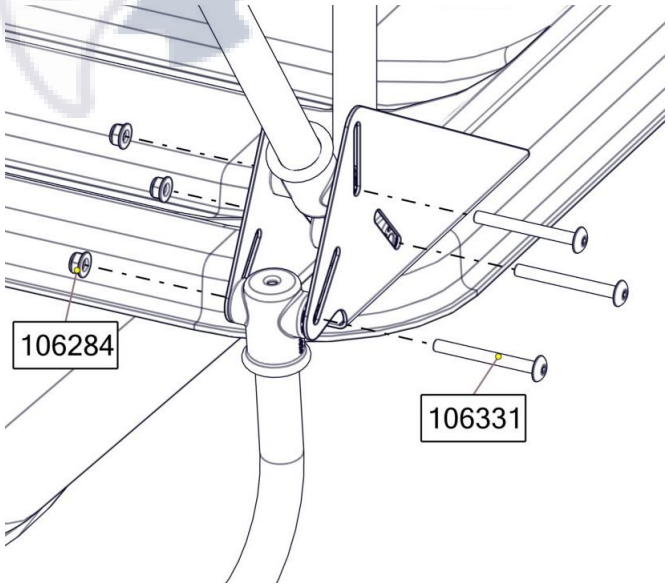
CHOOSE WHICH LOCATION YOU PREFER TO HAVE BATTERY LOCATED. ***LIGHT POLE WIRE WILL NEED TO BE ABLE TO REACH BATTERY.***

1. INSTALL BATTERY BRACKET, ASSEMBLY (108829) AS SHOWN USING 5/16” DRILL BIT ***(REFER TO INSTALLATION MANUAL THAT IS INCLUDED WITH KIT)***

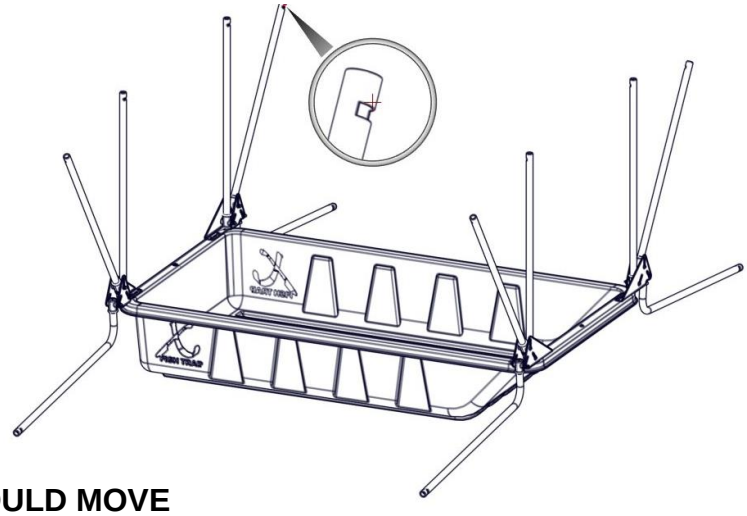


STEP-3

1.INSTALL STRAIGHT AND BENT POLES TO BRACKETS BOTH SIDES WITH FASTENERS AS SHOWN AND SLIGHTLY TIGHTEN.



NOTE: SLOTS IN POLES MUST FACE INWARD AS SHOWN.

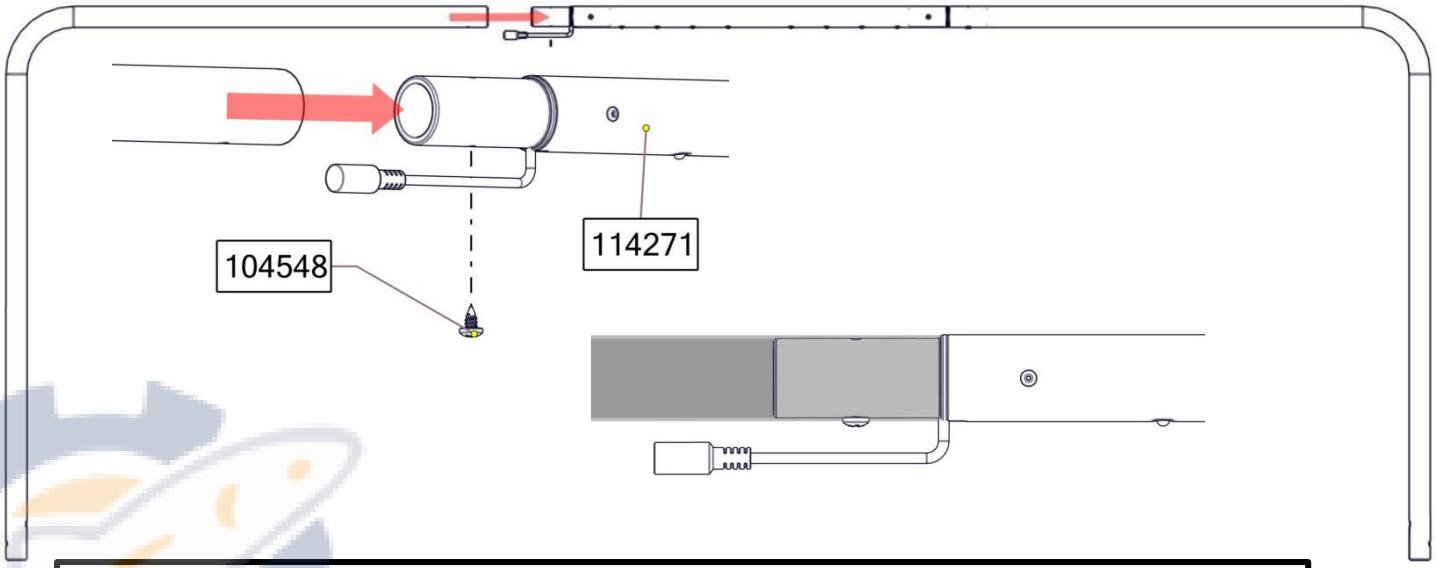


POLES SHOULD MOVE EASILY, DO NOT OVERTIGHTEN

STEP-4

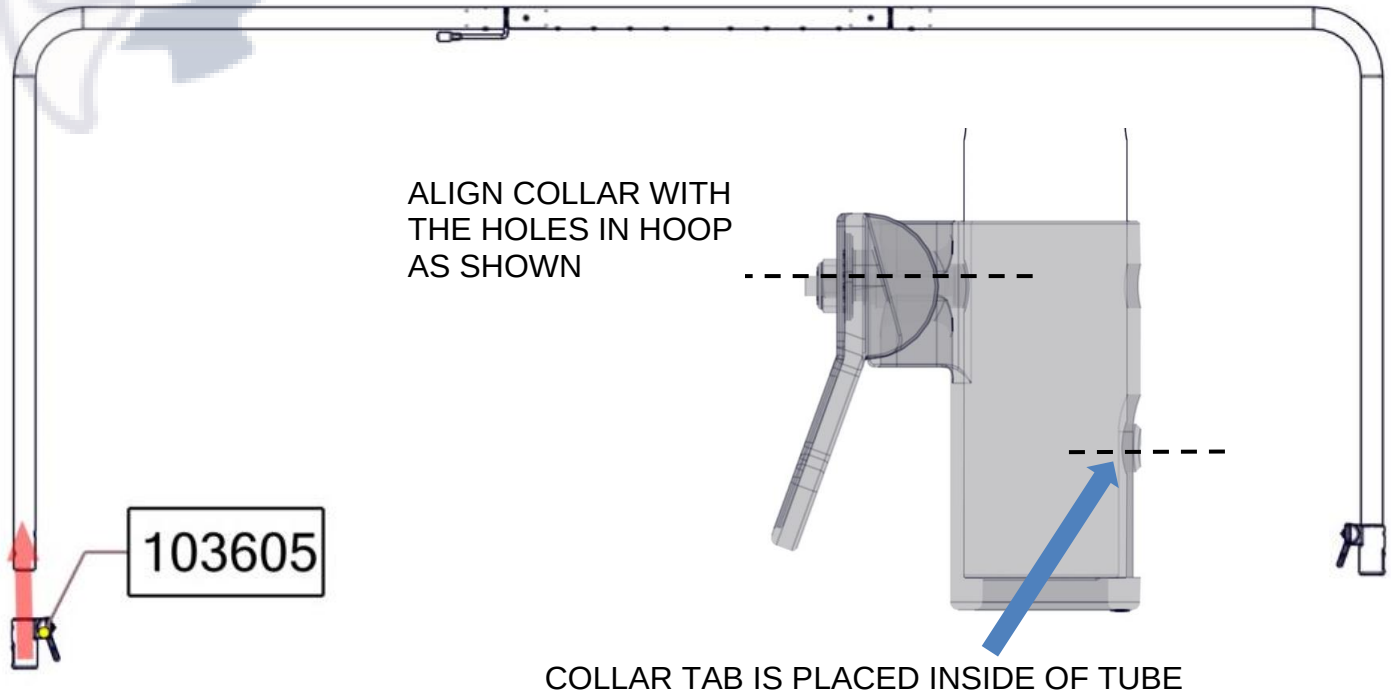
DO NOT CUT ANY OF YOUR POLES

1. ASSEMBLE THE HALF HOOP TO LIGHT STICK AS SHOWN.



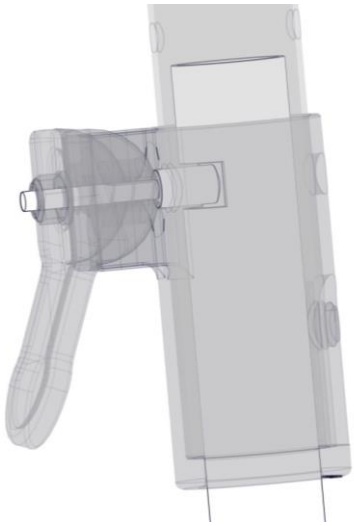
STEP-5

1. INSTALL TWO COLLARS TO EACH HOOP POLE AS SHOWN



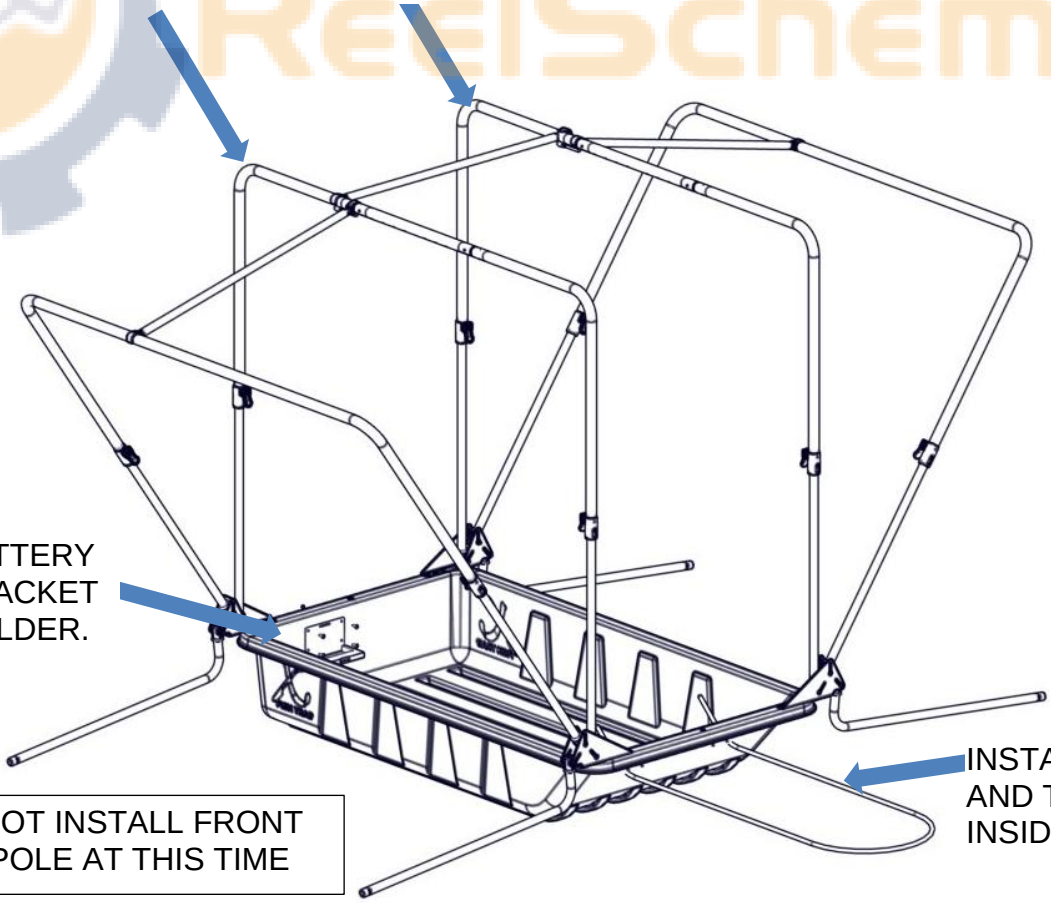
STEP-6

1. SLIDE HOOP POLES OVER TUBE EXTENSIONS AND LOCK INTO PLACE WITH COLLARS.



COMPLETED HOOP POLE ASSEMBLY AT THIS POINT SHOULD MOVE FREELY AND LOOK LIKE THE FOLLOWING PICTURE.

WIRE FROM LIGHT STICK SHOULD BE LOCATED ON SAME SIDE AS BATTERY HOLDER



BATTERY BRACKET HOLDER.

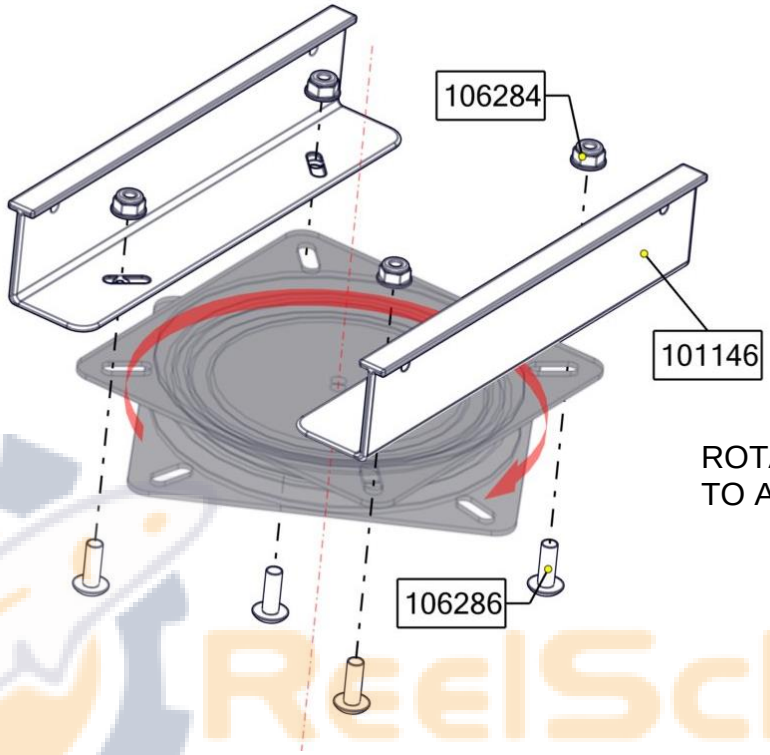
INSTALL ROPE AND TIE OF ENDS INSIDE OF BASE..

DO NOT INSTALL FRONT HOOP POLE AT THIS TIME

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STEP-7

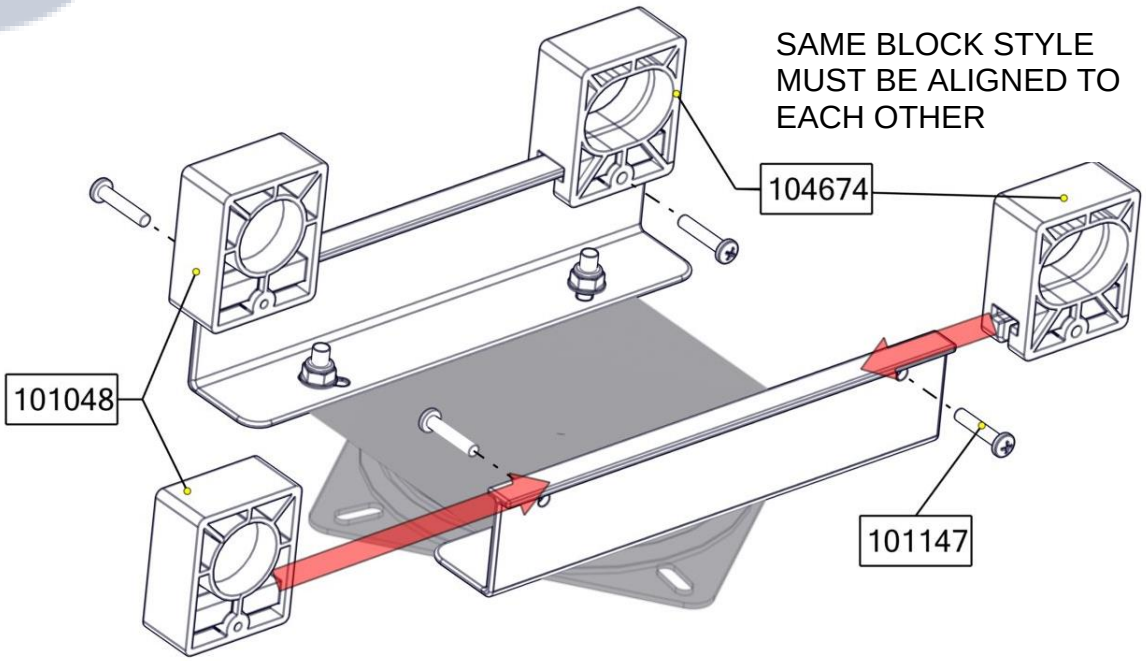
1. ROTATE SWIVEL AND ASSEMBLE SEAT COMPONENTS WITH FASTENERS AS SHOWN AND SECURELY TIGHTEN.



ROTATE SWIVEL 45 DEGREES TO ASSEMBLY COMPONENTS

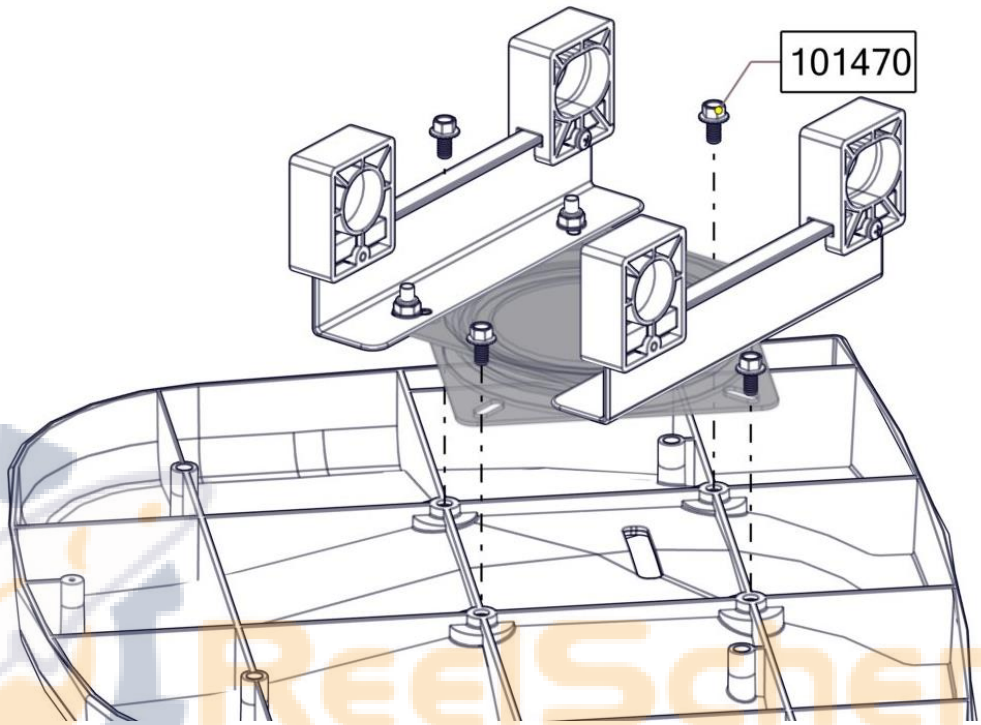
ReelSchematic

2. ASSEMBLE THE BLOCK WITH FASTENERS AS SHOWN AND SECURELY TIGHTEN.

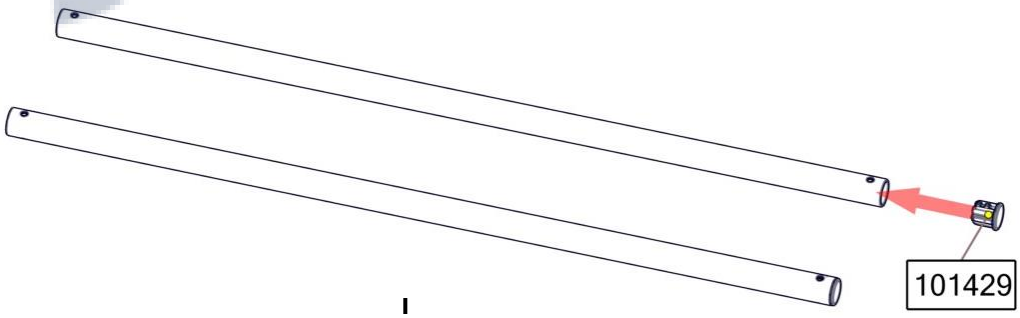


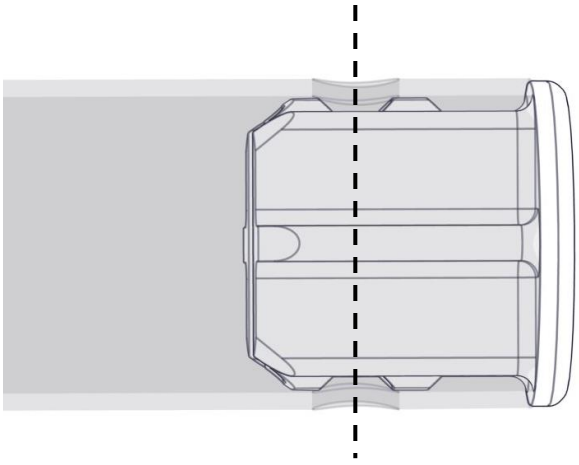
SAME BLOCK STYLE MUST BE ALIGNED TO EACH OTHER

3. ATTACH SWIVEL ASSEMBLY TO BOTTOM OF SEAT WITH FASTENERS AS SHOWN AND SECURELY TIGHTEN.



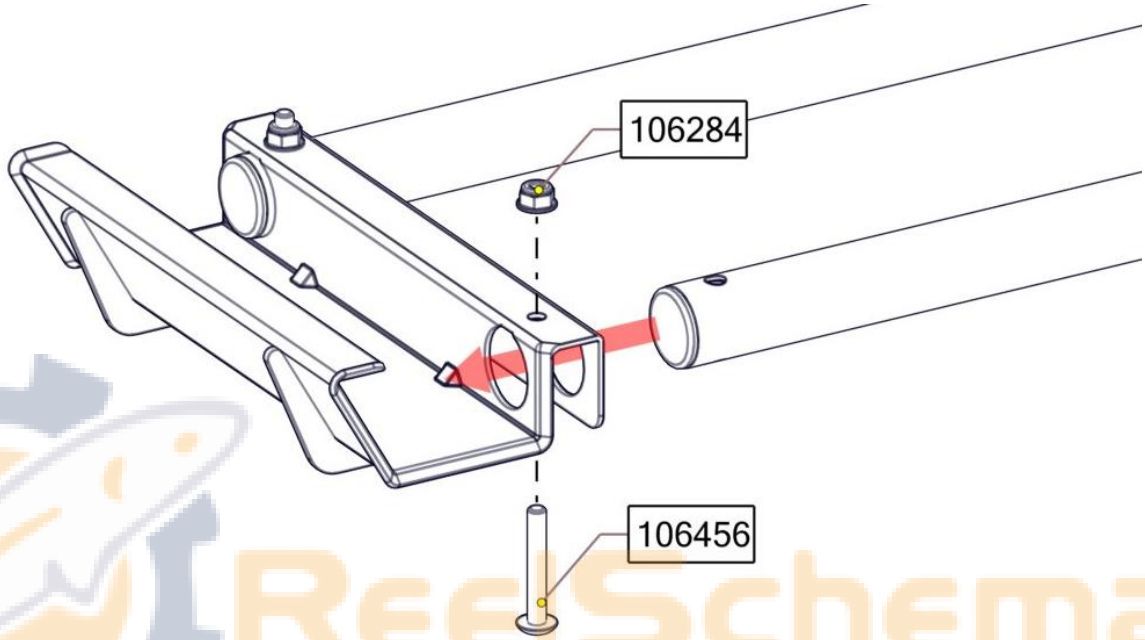
4. INSERT PLASTIC CAPS INTO BOTH ENDS OF EACH SEAT RAIL TUBE.





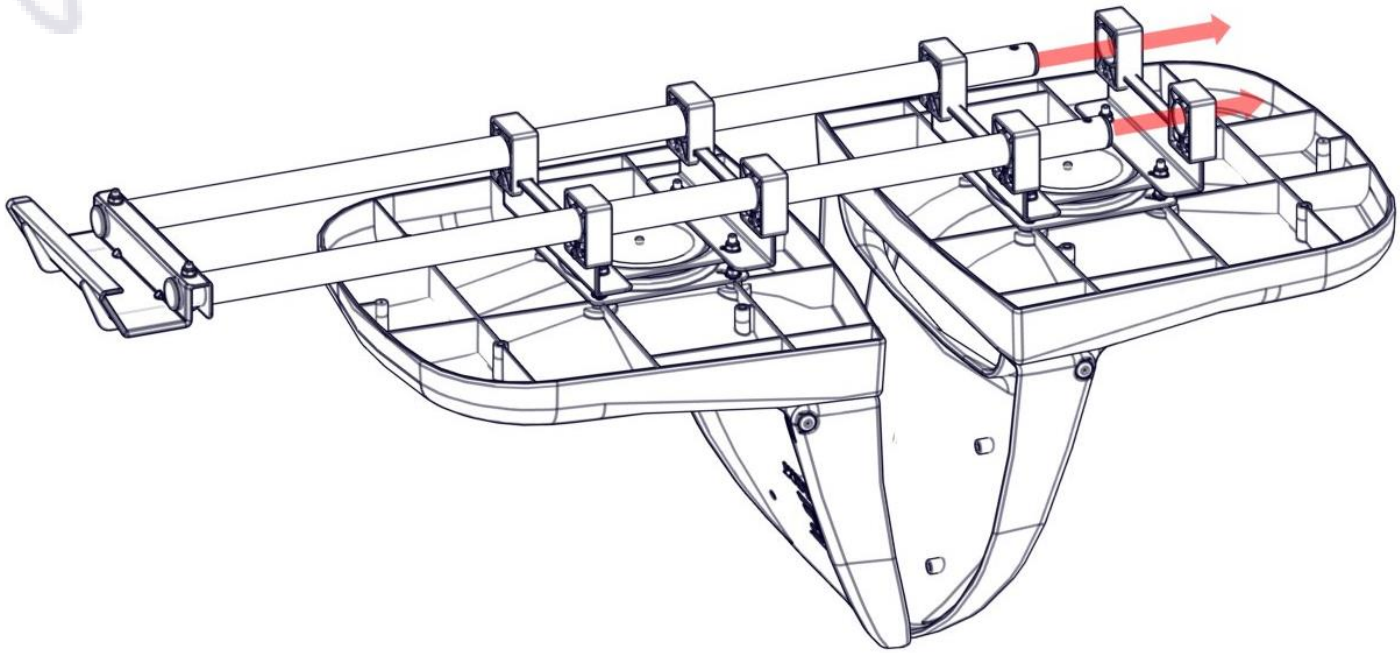
ALIGN HOLE IN PLASTIC CAP WITH HOLE AT END OF TUBE.

5. ASSEMBLE SEAT RAIL BRACKET WITH COMPONETS AND FASTENERS AS SHOWN AND SECURELY TIGHTEN.

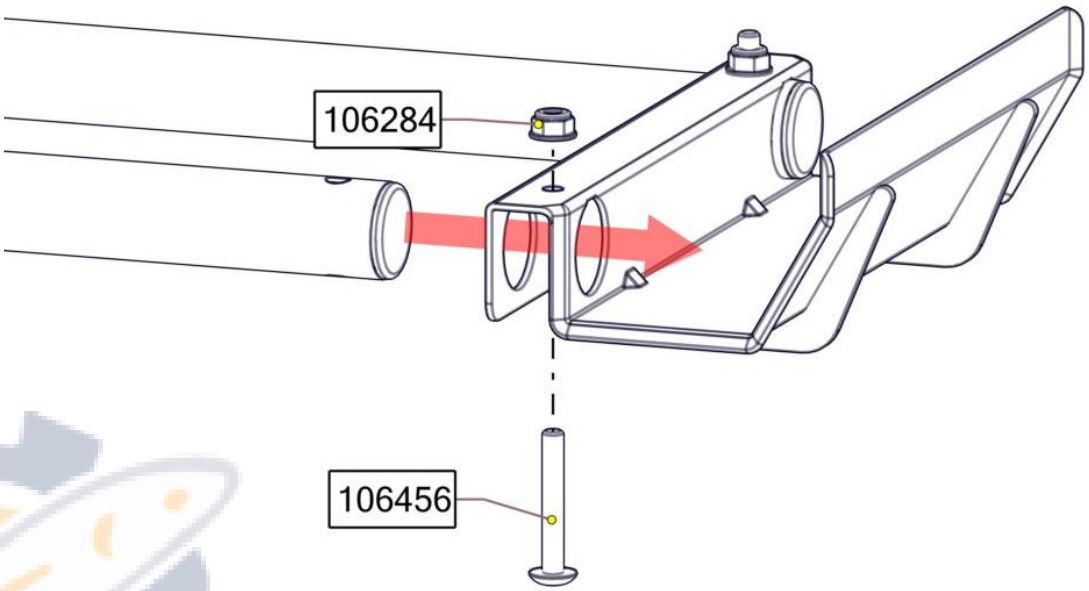


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6. SLIDE THE ASSEMBLY FROM PREVIOUS STEP THRU SEAT BLOCKS AS

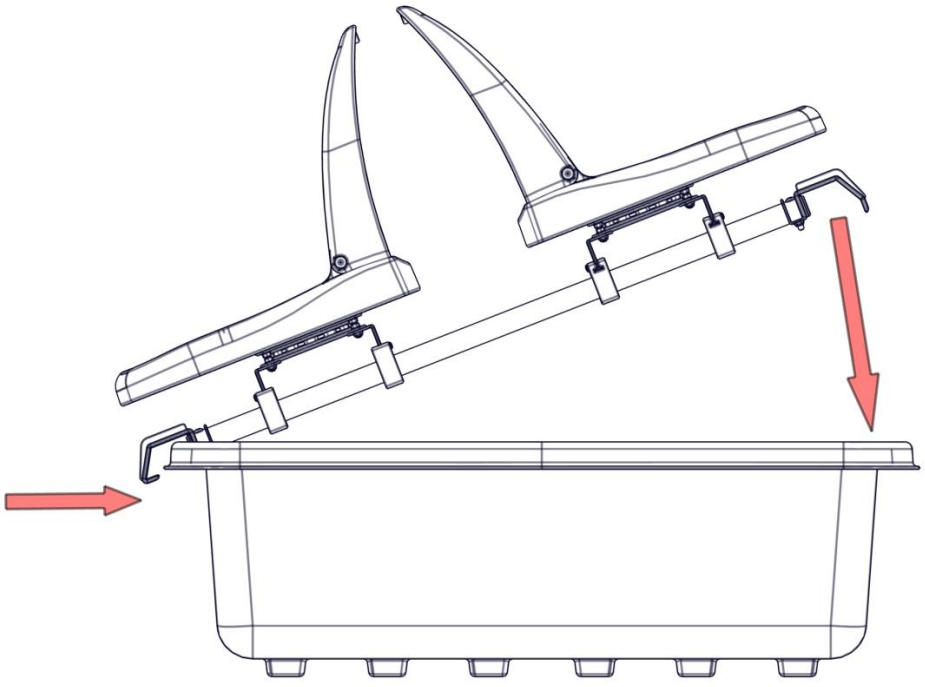


7. ASSEMBLE THIS END OF THE SEAT ASSEMBLY AS SHOWN AND SECURELY TIGHTEN



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STEP-8



STEP-9

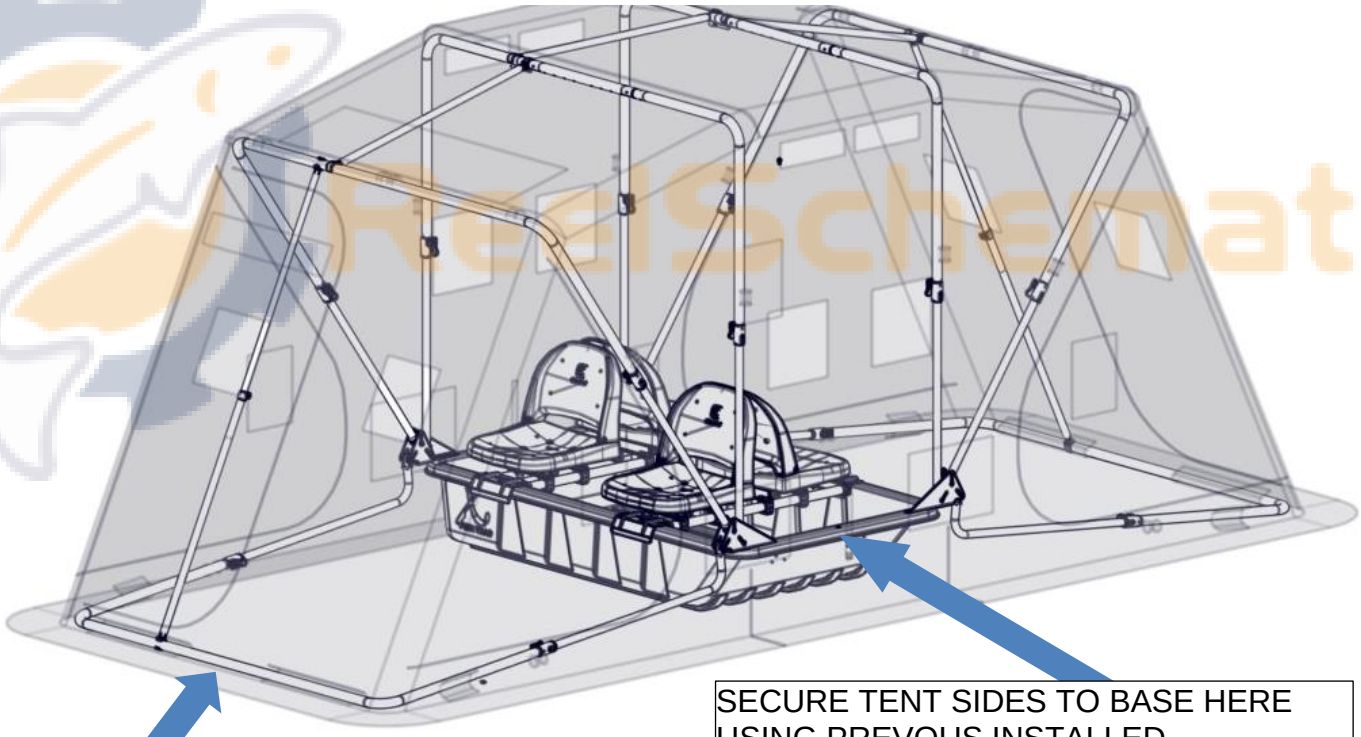
1. DRAPE THE TENT PN OVER THE HOOP POLES. ATTACH THE TENT TO THE POLES ON THE INSIDE WITH THE VELCRO STRAPS.

2. SLIDE THE REMAINING HOOP POLE THROUGH THE SLEEVE IN THE FRONT OF THE TENT.

3. ATTACH THE LAST HOOP POLE TO THE REMAINING TWO POLES CONNECTED TO THE BRACKET.

4. INSTALL THE LAST SPREADER POLE, PN 104915.

5. USING TENT SIDE BUCKLES ATTACH TO BASE USING FASTENERS FROM STEP-1



STEP-10

LIGHT TUBE CABLE ASSEMBLY

DIMMER SWITCH BATTERY CABLE



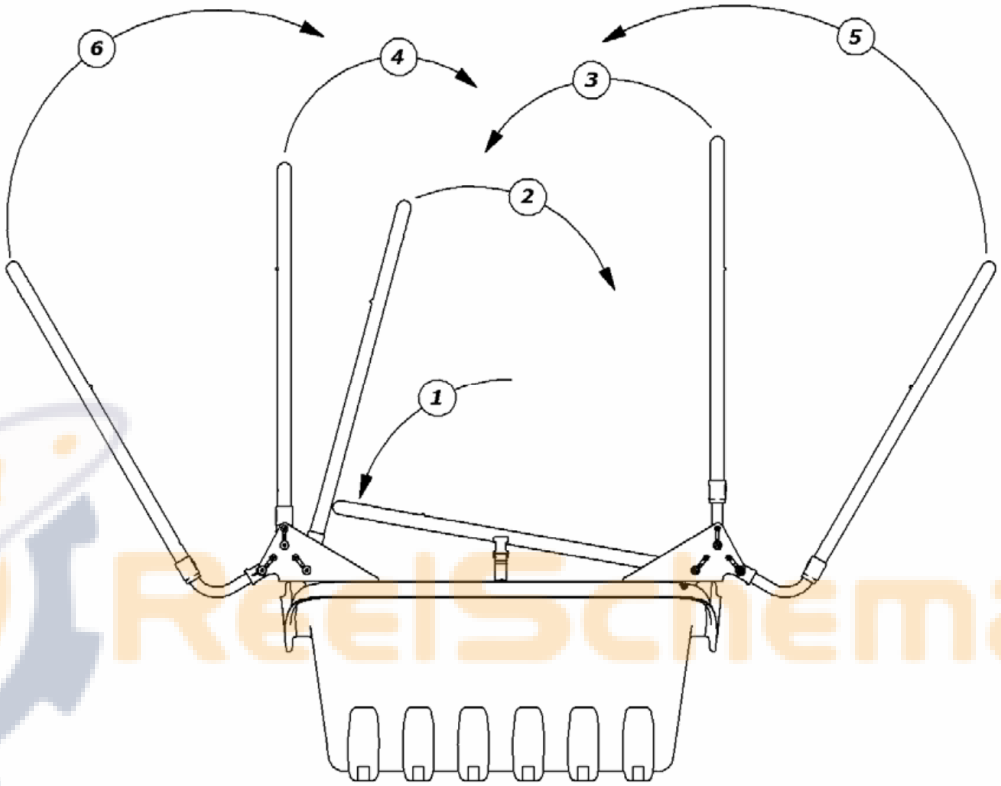
RED TO POSITIVE BATTERY TERMINAL (**+**)
BLACK TO NEGATIVE BATTERY TERMINAL (**-**)

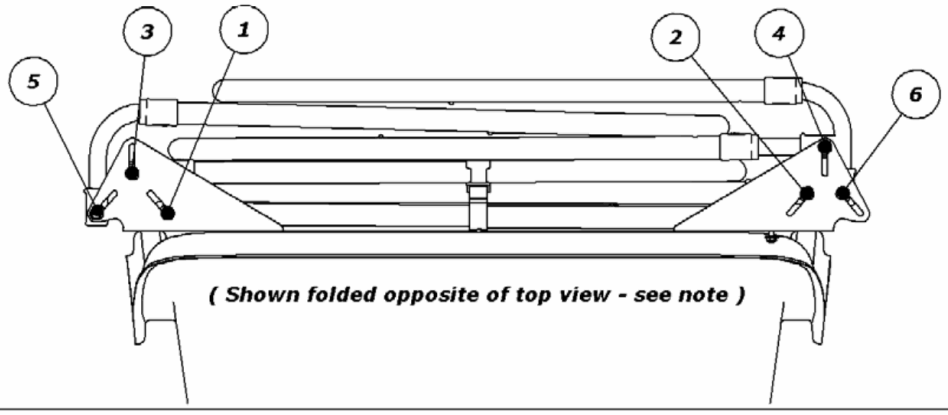
DIMMER SWITCH CABLE

ReelSchematic

FOLDING SEQUENCE

IMPORTANT!! WHEN COLLAPSING THE X400 SHELTER IT IS VERY IMPORTANT TO COLLAPSE THE FRONT HOOP POLES FIRST TO RELIEVE THE TENSION ON THE TENT WHEN FOLDING. FAILURE TO COLLAPSE THE FRONT POLES FIRST 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.

▪Cover with the Travel Cover to help prolong the life of the unit.

▪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.

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.

ReelSchematic

SAFETY INSTRUCTIONS

⚠ WARNING

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.