

# 12x20x8 House Style

# #71434

7 Piece Bolt Grey 2#

**Please read instructions completely before assembly**





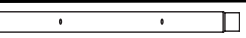








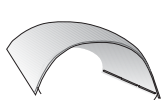
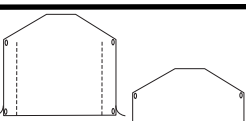
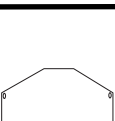


## ATTENTION:

**BOLTS ARE NOT NEEDED OR INCLUDED FOR EVERY CONNECTION BUT MAY BE PURCHASED BY CALLING THE NUMBER BELOW**

**FOR MISSING OR REPLACEMENT PARTS OR QUESTIONS PLEASE CONTACT**

**CUSTOMER SERVICE:  
1.800.524.9970**

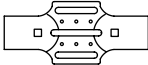
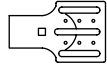
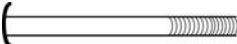
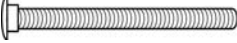






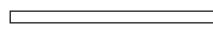
	Description	Part #	Qty.
	Cross Rail Swedged 50 3/8"L	2030	11
	Cross Rail Plain Ends 48 1/2"L	2031	2
	Cover Rail Plain Ends 45 3/4"L	10110	10
	Swedged Rafter Pole 60"L	10125	12
	Swedged Upright Tube 67 3/4"L	10126	8
	Cross Rail Swedged 48 7/8"L	10133	1
	Cross Rail Plain Ends 47"L	10134	1
	Wind Brace(Flat Ends) 62.7"L	10135	2
	Corner Upright Tube 57 3/4"L	10127	4
	Side Bend Tube	10132	12
	Top Bend Tube	10131	4
	3-way Top Connectors	10121	2
	Bent Corner Leg	10128	4
	All-Weather Cover	10117	1
	2 Zipper Door	10119	1
	Back Panel	10118	1



17 Wood Street  
West Haven, CT 06516

*Manufactured Under  
U.S. Patent's  
D415,571 D409,310  
D430,306 D414,564  
Other Patents Pending*

01-71434 7/15/04

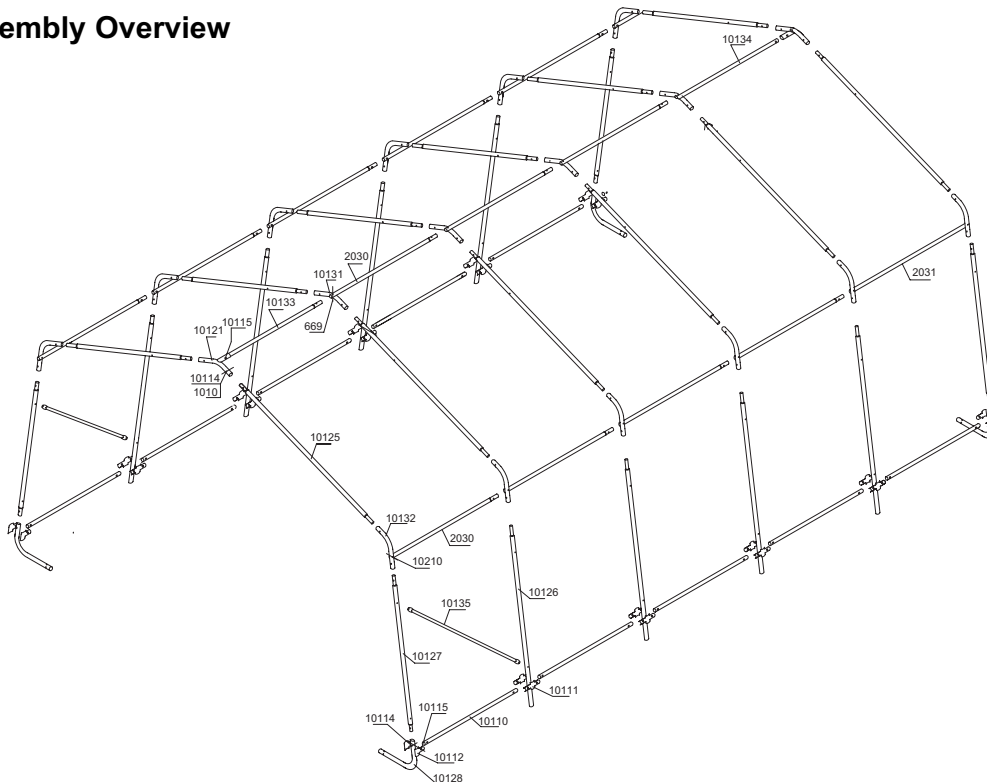
	Description	Part #	Qty.
	4-Way Cover Rail Clamp	10111	16
	3-Way Cover Rail Clamp	10112	8
	1/4" x 3" Round Head Bolt (Top Rail)	669	4
	1/4" x 3" Bolts (Cross Rail Connections)	10210	12
	1/4" x 2" Bolts (Frame Connections)	10114	24
	1/4" x 1 5/8" Bolts (Cover Rail Clamps)	10115	22
	1/4" Nuts	1010	62
	Turnbuckles M8	10021	4
	1/4" Cap (Upper Cross Rail Bolts)	10150	16
	Anchor Cable Clamps	828 10016	6 6
	Drive Rod	825	1

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ING THE  
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### Frame Assembly Overview



# Frame Assembly

## • Step 1

Fit together an end rib using the following parts (1) #10121 3-Way Top Connectors (2) #10125 Swedged Rafter Pole (2) #10132 Side Bend Tube (2) 10127 Corner Upright Tube and (2) #10128 Bend Corner Leg. Using (6) #10114 1/4" x 2" L Carriage Bolts and (6) #1010 1/4" Nuts securely fasten the joints of all parts. Lay this rib on the ground at the rear of your shelters designated location.

**Note 1: Be sure that the smooth head of all the bolts are on the outside of the structure.**

## • Step 2

Fit together the second rib using the following parts (1) #10131 Top Bend Tube, (2) #10125 Swedged Rafter Pole, (2) #10132 Side Bend Tube and (2) #10126 Swedged Upright Tube. Using (6) #10114 1/4" x 2" L Carriage Bolts and #1010 1/4" Nuts securely fasten the joints of all parts. Lay this rib on the ground near the first end rib

## • Step 2A

Fit together the remaining middle ribs using the following parts (1) #10121 3-Way Top Connectors (2) #10125 Swedged Rafter Pole (2) #10132 Side Bend Tube (2) 10127 Corner Upright Tube and (2) #10128 Bend Corner Leg. Using (2) #10114 1/4" x 2" L Carriage Bolts and (2) #1010 1/4" Nuts securely fasten the joints of the extension tubes to the top crests. Lay these off to the side for later

**Note 1: A 2" bolt is not used for the connection of the side Bend tube to the Upright Tube or the Extension.**

## • Step 3

Stand the first end rib vertically and lean against a permanent structure such as a tree or fence or tie off to stakes in the ground. Attach the plain end of a #10133 Horizontal Tube to the first rib using a #10115 1/4"x1 5/8" L Carriage Bolt and #1010 1/4" Nuts on the INSIDE of the bow, on each side bend just above the joint of the side bend to the extension. Next, attach a #10135 Wind Brace using #10114 1/4" x 2" L Carriage Bolts and a 1/4" Nut to each corner upright tube through the hole mentioned in Note 1. Place (2) #10131 Top Bend Tube around the bent corner leg, insert the end of a #10110 Cover Rail Tube into the 3-Way connector and fasten these with a #10114 1/4" x 1 3/4" Bolt and 1/4" Nut. Slide the connector until it is 5" up from the ground and loosely tighten. Repeat at the other bent corner leg.

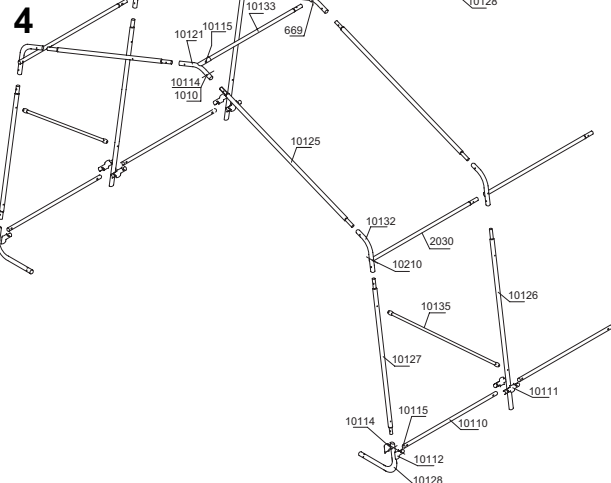
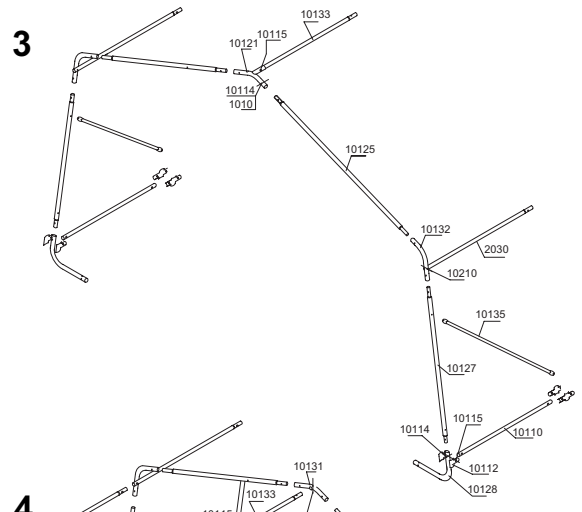
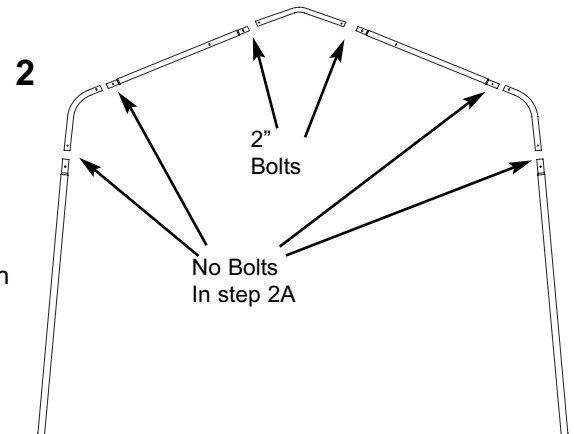
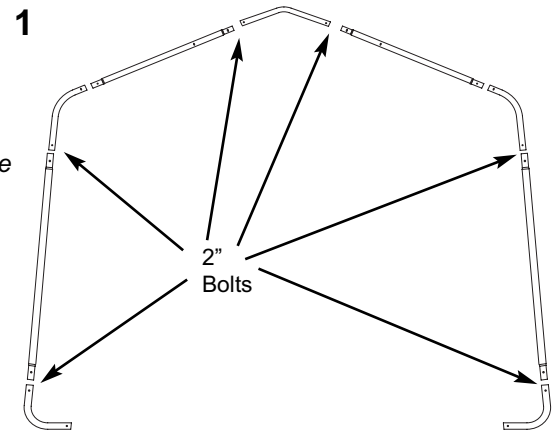
## • Step 4

Attach a #10121 3-Way Connector to the end of the 2 cover rail tubes and loosely fasten with a 1/4" x 1 3/4" Bolt and 1/4" Nut. Insert another cover rail tube into each 3-Way connector and loosely fasten with a 1/4" x 1 3/4" Bolt and 1/4" Nut. Place the plain end of another #2030 Cross Rail Swedged over the swedged end of those already attached and lean them down. Stand the middle rib vertically and insert the bottom of each upright tube into the 3 way connector. Raise the cross rail assemblies up and bolt them to the middle rib with a 1/4" x 3" L Carriage Bolt and Nut. Attach the lower end of the wind braces to the middle rib with 1/4" x 2" L Carriage Bolts and Nuts. Slide the 3-Way connectors until they are 5" up from the ground and tighten loosely. You now have a free standing assembly and can move it to the desired position.

## • Step 5

Repeat Step 4 for the remaining middle ribs and finish with the final end rib.

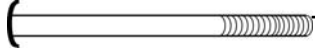
**Note 1: Your last upper cross rails will be #10134 Horizontal Tube 47"L.**



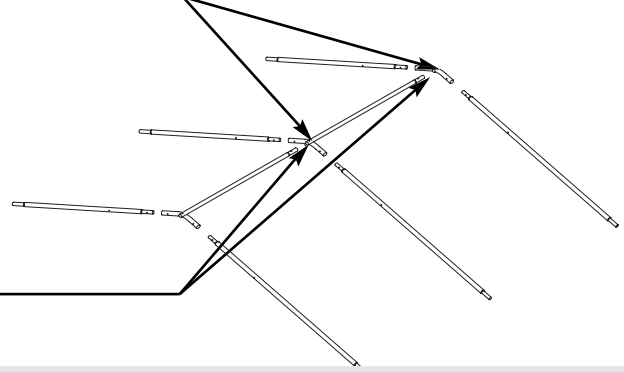
## INSTALLING TOP RAIL

Install the top cross rail assembly starting with #10133 Cross Rail Swedged 48 7/8"L inserted into the End Top Tee. Secure with a #10115 1/4" x 1 5/8" Bolt & 1/4" Nut. Place the plain end of a #2030 Cross Rail Swedged over the end and put the joint on top of the middle bow. Secure with a #669 1/4" x 3" Round Head Bolt and 1/4" Nut. Continue adding #2030 Cross Rails and finish with the #10134 Cross Rail Plain End inserted into the last End Top Tee and secure with #10115 1/4" x 1 5/8" Bolt and 1/4" Nut.

**NOTE: Use the special Round Head Bolts for securing the top rail to the Middle ribs only!**



### Install the Top Rail OVER all Middle Ribs



## End Panel Installation

### • Step 1

Check that the shelter's width is correct from outside to outside of uprights at ground level. Check also that the shelter is square by measuring the diagonal distances from corner to corner at ground level. You may use a piece of string or rope to check these lengths.

### • Step 2

Hold the end panel from the top center with the white inner surface facing the inside of the shelter. (If your shelter is white the inner surface has the visible welded seams.) Remove the nut holding the top cross rail to the tee & carefully free it from the tee. Gently pull the rib back and fold the end panel material up over the rib. Place the free portion of rope under the cross rail and re-attach the bolt and nut.

You may now tighten the nut firmly. Your end panel will now hang from the top of the bow. Be sure to keep the zippers completely closed while installing a door panel.

### • Step 3

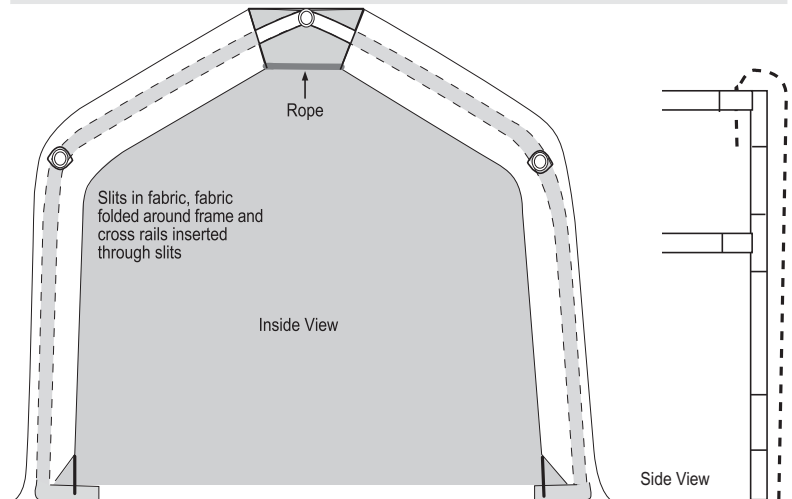
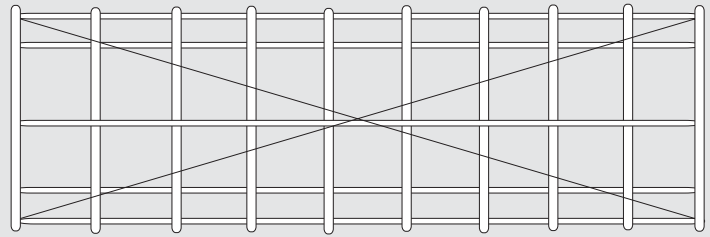
Remove the cross rail at one side and place the rail through the upper slit in the door and secure the bolts. Repeat for the other side. The wind braces also need to be disconnected from their upper bolt and placed through slits. Check that the material is not trapped between cross rail or wind brace and the rib. The rope welded into the pocket should now be on the inside of the shelter and follow the shape of the rib.

### • Step 4

Locate where the rope exits the pocket, grasp the rope on one side of the shelter and pull downwards taking out some of the slack in the rope; be sure that you do not pull the rope up into the pocket on the other side. Tie the rope around the bent leg firmly between the hole and the end of the leg. Repeat the process of taking out slack and tying the rope on the other side making sure to make it as tight as possible. When complete the bottom edge of the end panel should be approximately 1" up off of the surface, there should be no wrinkles in the fabric and it should be taught across the end of the frame.

**Repeat for the other end panel.**

Diagonal Measurements should match within 1 or 2 inches



# **SECURING YOUR COVER**

Pull the cover over the frame. The welded in ropes should be at the front and back of the building. Also note that the pocket with cutouts, running along the sides of the cover, should be on the inside and near the ground. Loosen the 4 turnbuckles. Tie the ropes loosely to turnbuckles and check to be sure cover is still centered and has the same amount of overlap on the front and back.

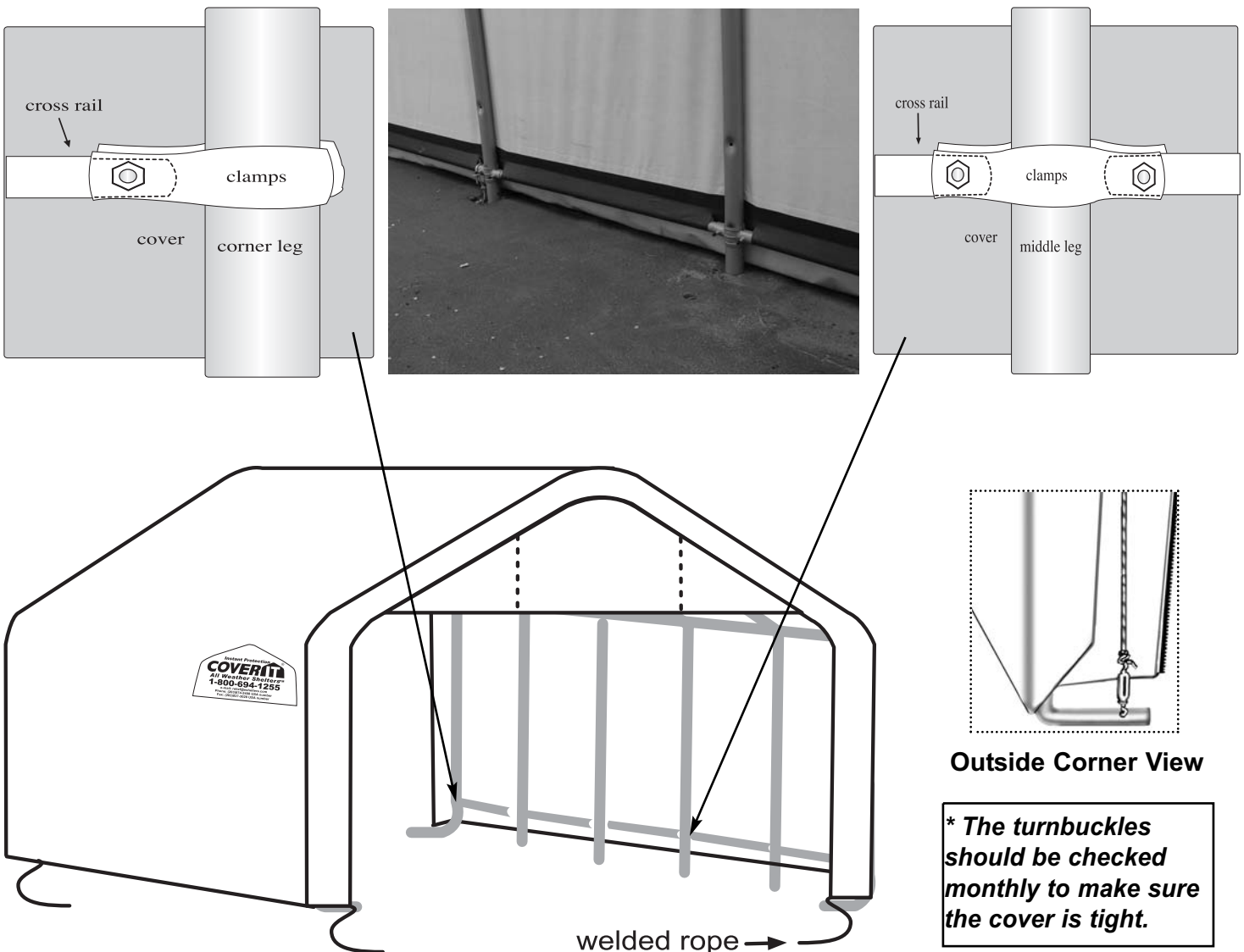
**Note:** *The Logo's should be horizontal and about 5' off the ground on the outside of the garage*

Pull the slack out of the rope and use a few knots to secure to turnbuckle. Then twist turnbuckles to tighten rope. Be sure that the cover is tight and you have worked out all the wrinkles.

After cover is tight end to end, Insert the (10) remaining 45" Cross Rails into the pocket between the cutouts. Attach the cross rails using the 3-Way and 4-Way cover rail clamps around the uprights and closely fasten with 1/4" x 1 5/8" Bolts & 1/4" Nuts. Check that the rails are evenly spaced above the ground on both sides. Push down on the connectors one at a time to tension the cover and tighten the bolts to hold tightly.

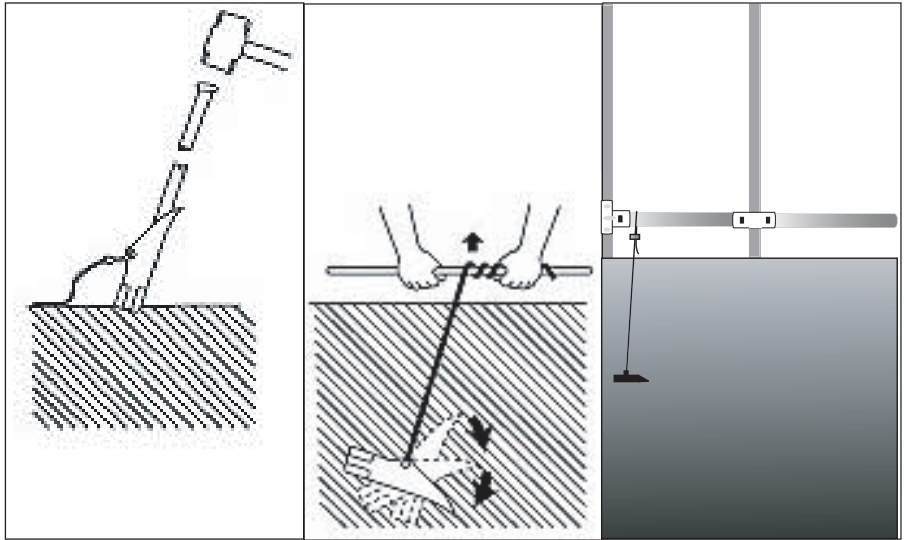
## **Warning:**

**Do not leave a partially or fully covered unit without being fully anchored. Serious injury to persons or property could result.**



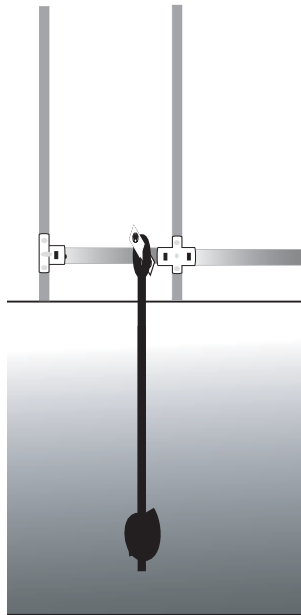
## Installing Earth Grabber Anchors

Using the provided steel driving rod and a sledge hammer (an electric rotary hammer may also be used) drive each anchor into the ground leaving approximately 8 inches of cable exposed above the surface. The anchors should be located at the four corners and the remaining should be spaced evenly on both sides. Remove the driving rod; insert it through the loop in the cable and pull up on the cable to set the anchor. After the anchors are firmly set, wrap the cable around the cover rail and clamp with the provided clamps. Be sure to take all the slack from the cable.



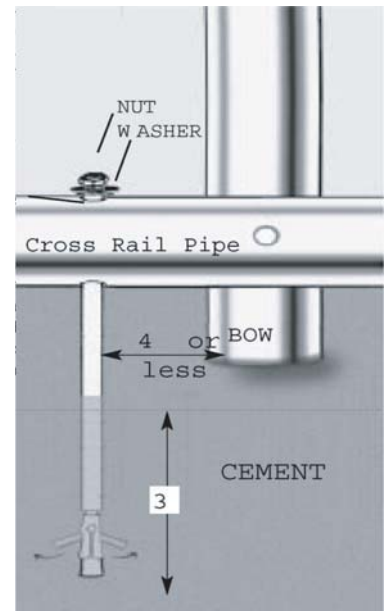
## Normal Soil - Auger Anchors

Using a 3/4" pipe, or steel rod, (a car tire iron works also) placed through the eyelet of the auger; screw it into the ground. Start at the four corners of the unit and space the remainder out evenly. Be sure to screw the anchor in fully until the eyelet has reached the height of the lower cross rail. Using the U-Clamp provided clamp the eyelet to the cross rail, making sure that the strap of the clamp goes through the eyelet.



## Cement - Wedge Lags

Using a 3/8" Drill/Bit drill a vertical hole in the cross rail approximately 4" from each rib. Using a long 3/8" masonry Drill/Bit, drill a corresponding hole in the cement to a depth of 3 1/2". Insert the wedge end of the lag through the hole in the cross rail and down into the cement. Tap with a hammer to fully seat. Place the washer and nut on the threaded end. Tighten nut until lag expands and grabs tightly into concrete.



## CARE & CLEANING INFORMATION

DO NOT expose top or walls to open fire or flame. DO NOT use barbeque grills or smokers underneath shelter .

DO NOT use harsh abrasives, bleach or cleansers. Cover and walls can be easily cleaned with mild soap and water. Periodically check stakes or anchors to ensure stability of unit, especially following exposure to high winds or heavy rain. NOT meant to hold heavy snow or ice loads, brush snow & ice off top with a broom or mop.

**IMPORTANT: PLEASE READ CAREFULLY:** ShelterLogic has no control over the elements such as wind, heavy snow or heavy rain, we cannot be responsible for damage caused by the shelter or to the shelter. We suggest you contact your insurance carrier for information just as you would for any other outside structure.

Improper Anchoring, Strong Winds, Heavy Snow or Ice: ShelterLogic does not guarantee these canopies in heavy snow or ice under any circumstances. Shelters are designed to offer protection from damage caused by sun, rain, light snow, tree sap, & birds, and are not designed to hold heavy loads that accompany snow or ice. Any shelter that is not anchored securely or properly will fly away. We will not be responsible for any shelter that blows away. Proper anchoring is your responsibility. We offer several anchoring kits, call customer service for more information or to place an order.