Assembly Manual Parts List
14'x28'x12' RoundTop® Garage

Model #95333

English

Includes: #202353 (Basic Frame) #212353 (Gray Cover Kit)

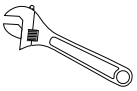
Description of Parts		Part #	Qty.
Middle Upright Tube	40"L	11112	12
Extension	48.9"L	11051	16
Cross Rail Swedged	50"L	11102	18
Cross Rail Plain End	48.5"L	11104	3
Cross Rail Plain End	45"L	11105	14
Wind Brace (Swedged Ends)		11005	4
Wind Brace (Flat Ends)		11179	4
Bent Corner Leg		11182	4
Top Bend Tube		11114	8
Side Bend Tube		11113	16
4-Way Cover Rail Clamp		11107	24
3-Way Cover Rail Clamp		11106	8
5/16" x 4 1/8" Bolts		800454	18
5/16" x 4" Round Head Bolts		11133	6
5/16" x 2 3/4" Bolts		11131	68
5/16" x 2 1/4" Bolts		11130	28
5/16" x 2" Bolts		648	4
Nuts		690	124
Bolt Caps		11150	20
Base Feet		800057	12
Temporary 30" Auger Anchors Cable - 1' Lengths Cable Clamps		822	10
Cover (Grey)		2A2353	1
2-Zipper Door		2E2053	2
Ratchet		10040	8
ShelterLock Stabilizer Block		800372	16



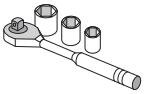
Before You Start

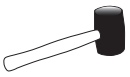
2 Persons recommended for assembly
Estimated assembly time = 3 hours

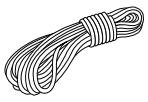
Recommended Tools


Adjustable Wrench

or


Socket Set with $^{7}/_{16}$" Socket


Rubber Mallet


Rope (The length of Shelter Plus 10')

ShelterLogic®
All Weather Shelters
www.shelterlogic.com
1-800-524-9970
Canada 1-800-559-6175

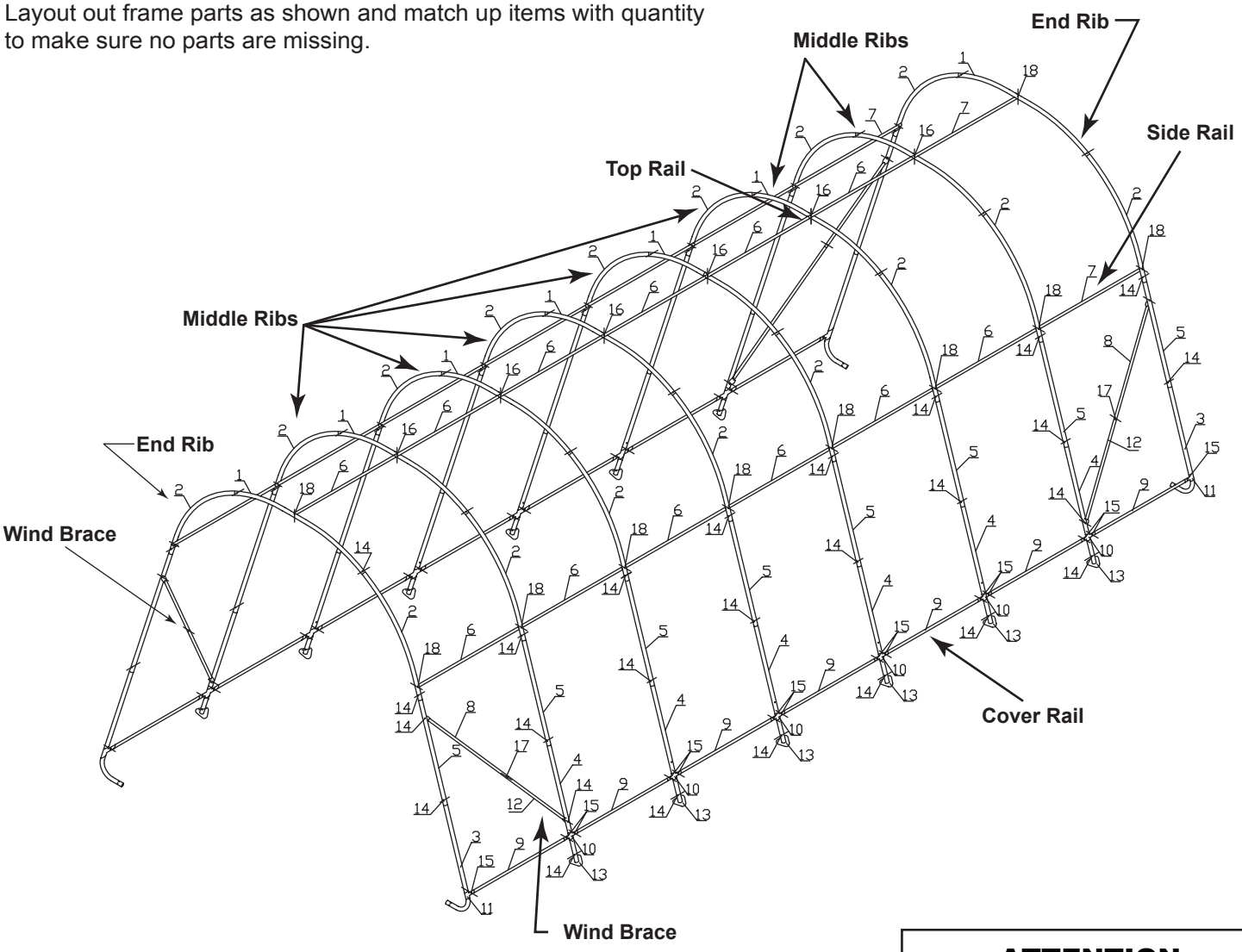
150 Callender Road
Watertown, CT 06795

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

14'W x 12'H RoundTop® Frame Assembly

Please read and understand instructions completely before assembly.

Layout out frame parts as shown and match up items with quantity to make sure no parts are missing.



Assembly Reference #	Mfg. Part #
1	11114
2	11113
3	11182
4	11112
5	11051
6	11102
7	11104
8	11005
9	11105
10	11107
11	11106
12	11179
13	800057
14	11131
15	11130
16	11133
17	648
18	800454

ATTENTION:

FOR MISSING OR REPLACEMENT PARTS OR QUESTIONS, PLEASE CONTACT

CUSTOMER SERVICE:
1.800.524.9970
CANADA 1.800.559.6175

ShelterLogic™
All Weather Shelters
www.shelterlogic.com
150 Callender Road
Watertown, CT 06795

05-202353-0B 09/06/07

Basic Frame Assembly

NOTE: FRAME EXTENSION KIT

14'x28'x12' is the base frame dimension. Your model may have more middle ribs than shown in the illustration on pg.2. You will receive one extra rib for every extra 4 ft. of building length that you purchase. The basic frame assembly will remain the same. The cover will be the correct size for the length of the building.

STEP 1: PLOTTING THE FRAME
Fig. 1

Before building your shelter, you should choose a flat area on your property and plot your shelter.

1. Stake out the area for the shelter in the desired spot. The width of the area should be at least equal to the width of the shelter and the length should be equal to the length ("L") of the shelter Fig. 1.
2. To be sure the staked area is square tie a rope diagonally from corner to corner.
3. Measure from where the two ropes intersect each other to all 4 corners. This measurement should be the same. If they are not equal the stakes need to be adjusted until the width, length and inside measurements are correct.

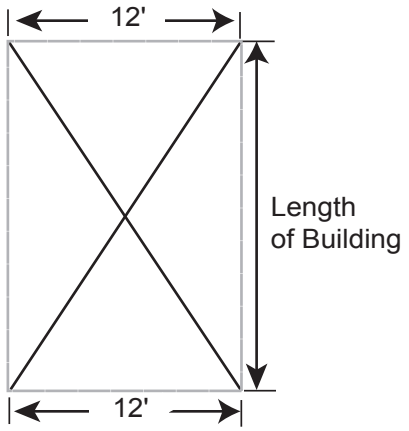


Fig.1

STEP 2: ASSEMBLE END RIBS
Fig. 2

Assemble end ribs as shown in Fig. 2. Securely fasten all of the joints with the hardware indicated.

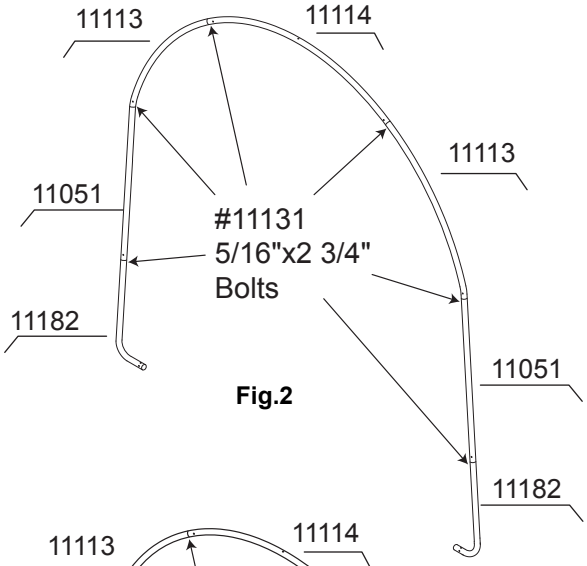


Fig.2

STEP 3: ASSEMBLE MIDDLE RIBS
Fig. 3

Assemble all of the middle ribs as shown in Fig. 3. Securely fasten all of the joints with the hardware indicated.

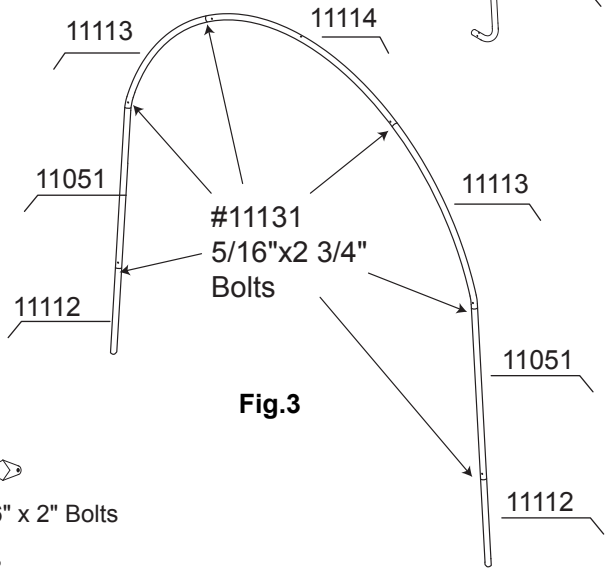


Fig.3

STEP 4: ASSEMBLE WIND BRACES
Fig. 4

Assemble all of the wind braces as shown in Fig. 4. Securely fasten the joints with the hardware indicated.

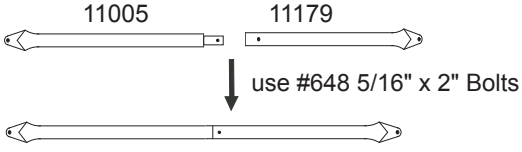


Fig.4

STEP 5: INSTALL SIDE RAILS AND SHELTERLOCK™ STABILIZER BLOCKS
Fig. 5

With help move the first end rib into the desired staked area. Place the ShelterLock on the upright as shown in Fig. 5. From the outside of the rib insert the bolt through the upright and then through the ShelterLock. Place the plain end of the side rail over the bolt and nest it into the ShelterLock. Install the nut onto the bolt and tighten. Repeat these steps for the opposite side and all of the remaining ribs. The side rails for the last rib will have two plain ends.

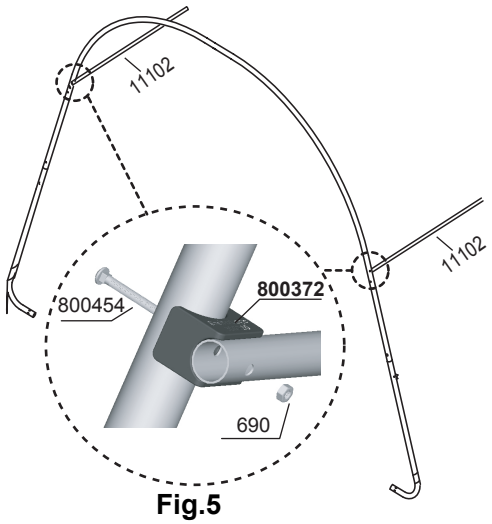


Fig.5

STEP 6: INSTALL WIND BRACES
Fig. 6

Take the wind brace and attach it between the end rib and the first middle rib as shown in Fig. 6. **Any attachments at the cross rails should be made on the very inside of the cross rail.**

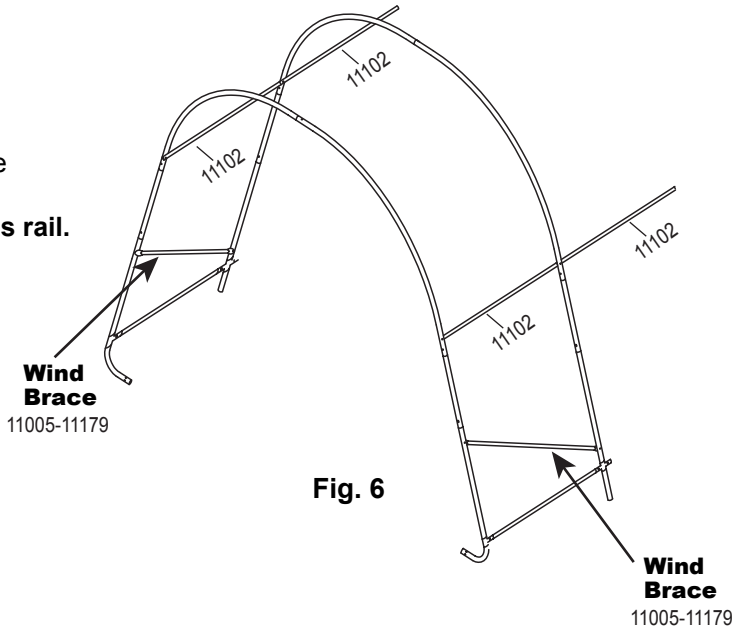


Fig. 6

STEP 7: INSTALL TOP RAIL
Fig. 7

Place the first top rail under the end rib and secure it with a bolt as shown in Fig. 7. The same cross rail should lay on top of the first middle rib as with all of the middle ribs. Secure the rails to the frame with the hardware indicated in Fig 7. The top rail attached to the last rib will be installed under the pipe as the initial end rib.

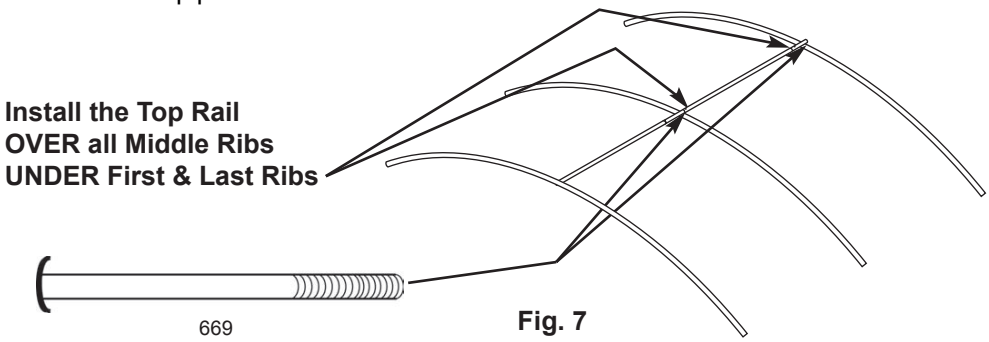


Fig. 7

STEP 8: SECURE BASE FEET
Fig. 8

Depending on the model you have purchased, your base feet will either fit onto the outside of the leg pole or slide into the bottom of the leg pole. After installing the base feet line up the holes in the leg to the holes in the feet and secure with the hardware indicated in Fig. 8.

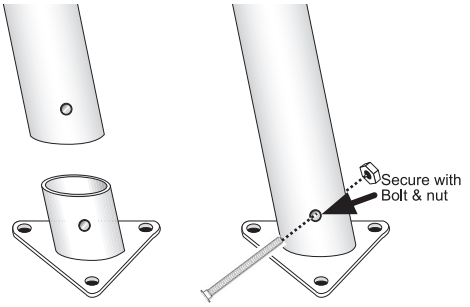


Fig. 8

STEP 9: INSTALL AUGER ANCHORS
Fig. 9

Using a ¾" pipe or steel rod (a car tire iron works also) placed through the eyelet of the auger; screw the anchor into the ground. Start at the corners of the shelter and space the remaining anchors evenly along the length of the shelter. Screw the anchor into the ground until the eyelet is sticking out of the ground by 1-2" so it can be anchored to the legs. Wrap the cable provided through the eyelet of the anchor and around the frame as indicated in Fig. 9. Secure the cable with the clamp(s) provided.

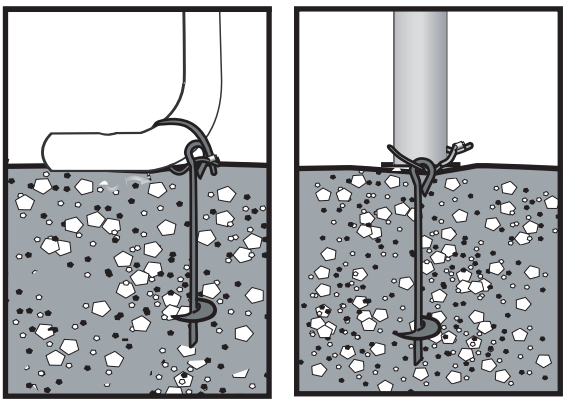


Fig. 9

STEP 10: END PANEL INSTALLATION
Fig. 10A, 10B, 10C & 10D

Hold the end panel at the top center with the white inner surface facing the inside of the shelter (if you have a white shelter the inner surface has the visible weld seams). Carefully remove the top rail from the top bend and place the webbing in between the two. The top rail should pass through the loop of the webbing. Replace the top rail onto the top bend and secure it with the hardware indicated in Fig. 10A, 10B.

Remove the nut from the side rail and carefully pull the side rail away from the ShelterLock (the rail only needs to be pulled away enough to pass the webbing through the connection). **If this connection has the wind brace on it remove the wind brace end before pulling the side rail.** When the webbing is through replace the side rail, and the cross rail if necessary Fig 10C. Replace the nut and tighten. Repeat this for the other side.

Locate where the webbing exits the pocket on each side of the end panel. Pull the webbing carefully to remove the slack from the end panel. Be careful not to pull the webbing through the other side of the panel. Install the "S"-hook from the ratchet into the leg of the shelter Fig 10D. Insert the webbing into the spindle of the ratchet and pull tight. Wind the ratchet enough so that the webbing overlaps itself. Repeat the process on the other side of the panel. Position the end panel so that it is centered on the building. Tighten the ratchets, alternating from one side to the other, until the end panel is tight. Repeat these steps on the other end of the building.

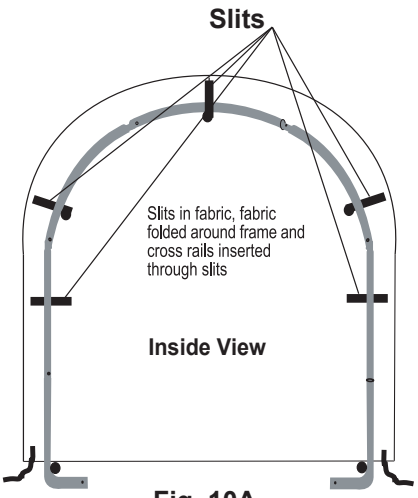


Fig. 10A

Fig. 10B



Fig. 10C



Fig. 10D

STEP 11: INSTALLING THE COVER ON THE FRAME: Fig. 11A, 11B, 11C & 11D

1. Lay the cover on the ground next to the frame with the inside of the cover (the side with the pipe pockets) facing down and the webbing on the front and rear of the corner of the building. Position the cover so that it is centered on the frame, front to back. Fig. 11A

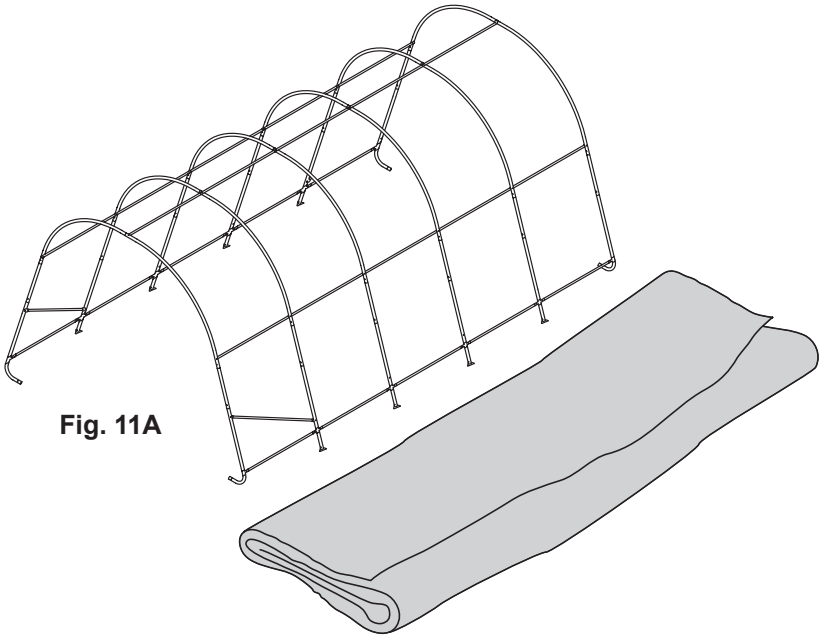


Fig. 11A

2. Fold over the side closest to the frame so the pipe pocket is now accessible. Insert a cover pipe at the first middle rib from the front and the first middle rib from the rear so that it is inserted in the pipe pocket on both ends of the pipe but the center of the pipe is exposed. For long buildings it may be necessary to use additional pipes in the middle. Fig. 11B

3. Tie the rope on each of the exposed pipes and throw the other end of the rope over the frame. Fig. 11C

4. Move to the other side of the frame and pull the cover over the frame with the rope. This may require two or more people. Fig. 11D

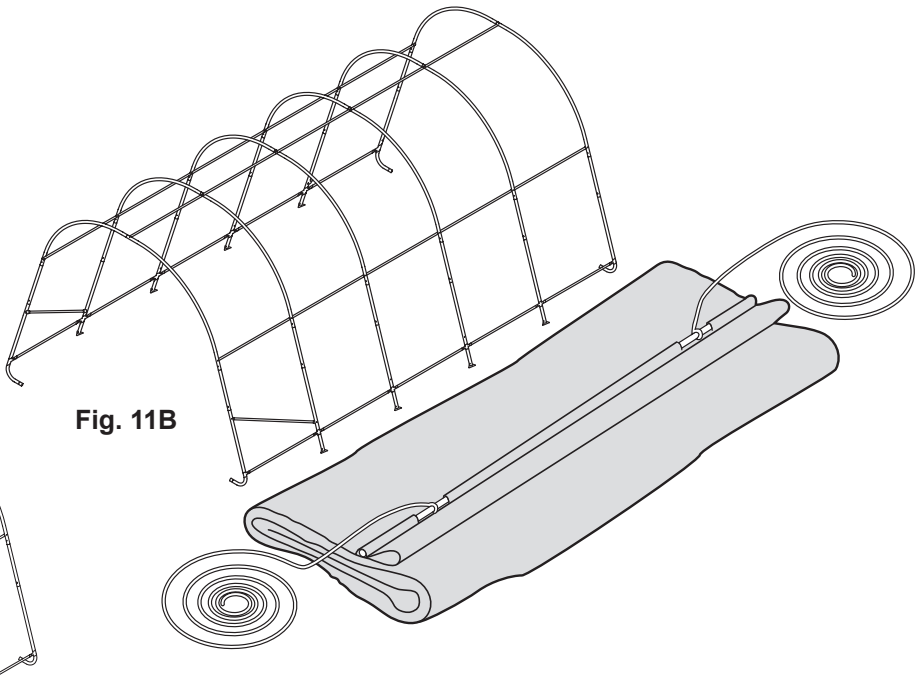


Fig. 11B

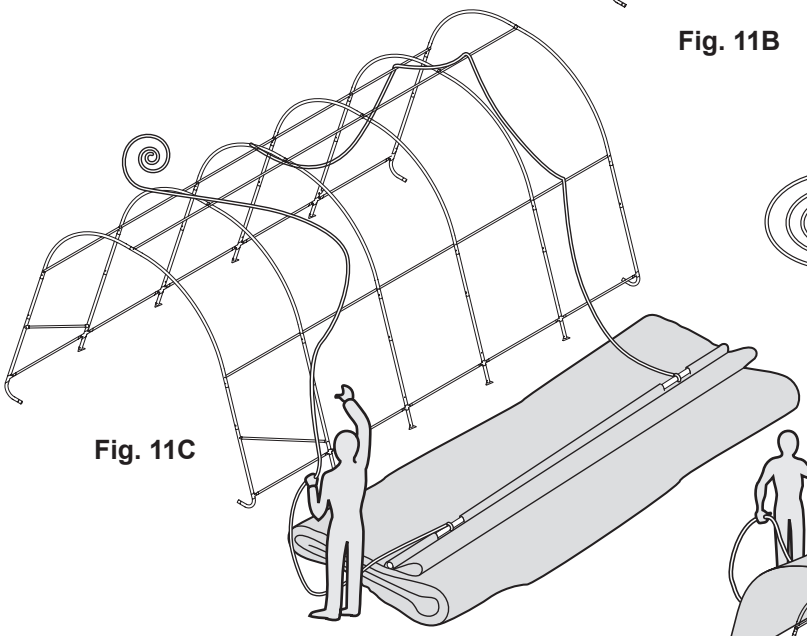


Fig. 11C

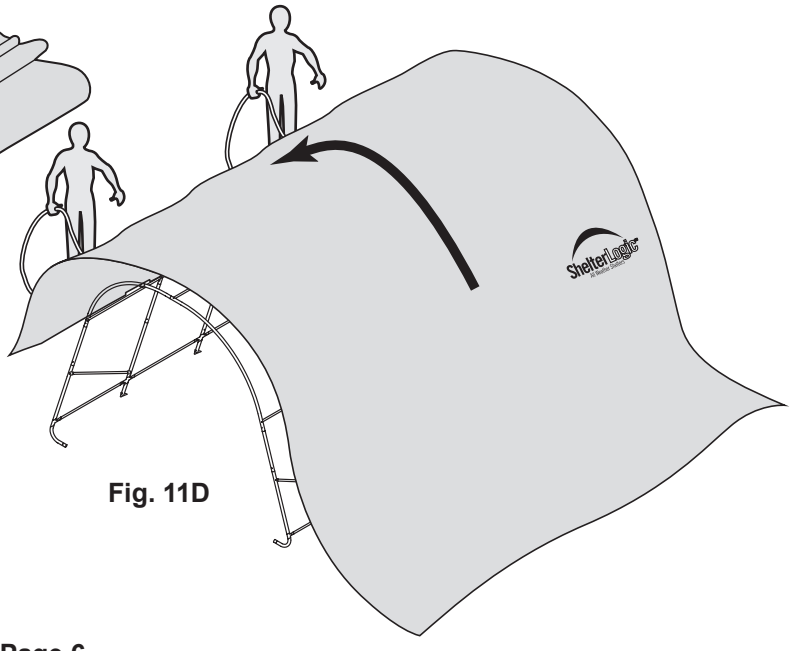


Fig. 11D

STEP 12: SECURE YOUR COVER: Fig. 12A, 12B, 13 & 14

Install the “S”-hook from the ratchet assembly into the legs of the shelter. Pull the webbing carefully to remove the slack from the cover. Be careful not to pull the webbing through the opposite side of the cover. Insert the webbing through the spindle of the ratchet and pull tight. Wind the ratchet until the webbing overlaps itself. Repeat these steps on the opposite side. Repeat this on the back side of the shelter. When all of the corners are secured move the cover front to back so that it is centered.When the cover is centered tighten all of the ratchets. Do this in an “X” pattern to be sure it is tightened evenly. Fig. 12A & 12B. When the cover is tight from end to end install the 45” cover rails. Insert the cover rails into the pockets of the cover. Clamp the rails to the ribs using the 3-way and 4-way clamps as shown in Fig. 13 & 14.

Check that the rails are evenly spaced above the ground on both sides. Push down on the connectors, one at a time, to tighten the cover. Tighten the bolts to the cover in place and tight on the frame.

COVER TIGHTENING TIP
Check and tighten Ratchets and Cross Rails monthly to ensure the cover is tight.

Outside Corner View



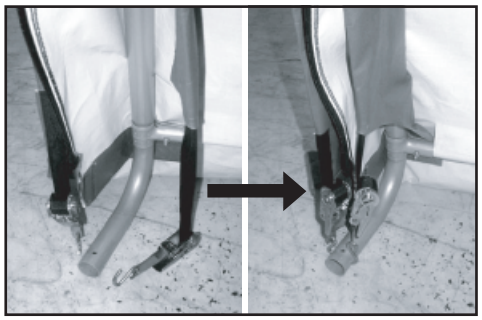


Fig. 12A

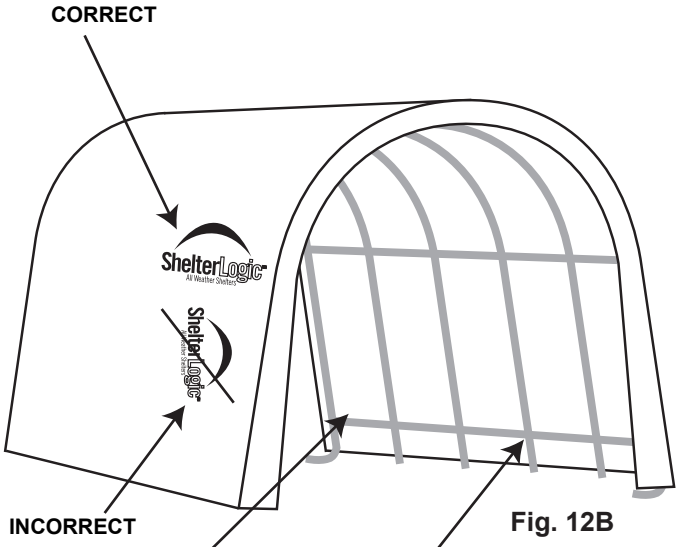
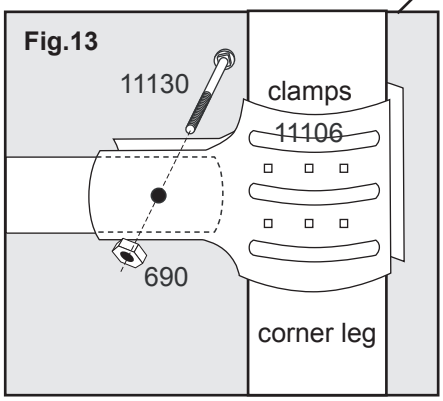
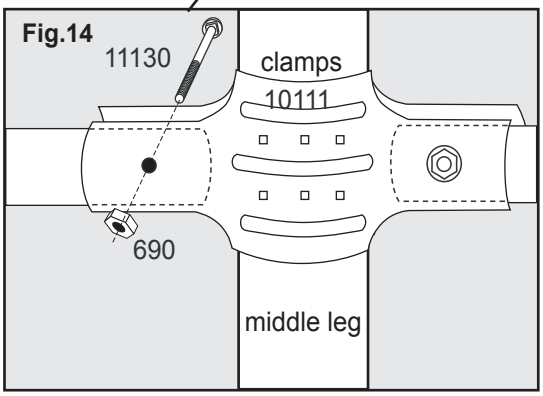


Fig. 12B

IS YOUR COVER PULLED CORRECTLY ON THE FRAME? Fig. 12B





NOTE: ShelterLogic logo should line up on the left front and right rear corners near the top rail. If it is not legible and positioned as shown above as “incorrect”, the cover has not been put on the frame correctly.

WARNING: Serious injury to persons or property could result if cover is installed and shelter is not completed and is left unattended. Shelter must be anchored securely until completed.

WARNINGS, CAUTIONS, CARE & CLEANING

WARNING

Prior to installation, consult with all local and municipal codes regarding the installation of temporary shelters. Choose the location of your shelter carefully. Check for overhead utility lines, tree branches or other structures.

- **Do NOT install near roof lines or other structures that could shed snow, ice, or excessive run-off onto your shelter.**
- **Do NOT install too close to other structures. A MINIMUM of 6 to 10 ft. is necessary between structures to allow for snow removal.**
- **Do NOT hang objects from the roof structure or support cables.**
- **Do NOT smoke our use open flame devices in or around the shelter.**
- **Do NOT store flammable liquids (gasoline, kerosene, propane, barbeque grills, fire pits, deep fryers or smokers inside the shelter).**
- **Do NOT use hard edged tools or instruments like rakes or shovels to remove snow. This could result in punctures in the cover.**

CAUTION

1. **PLEASE READ AND FULLY UNDERSTAND THE INSTALLATION DETAILS AND WARNINGS PRIOR TO FINAL INSTALLATION. IF YOU HAVE QUESTIONS IMMEDIATELY CALL THE CUSTOMER SERVICE NUMBER LISTED ON PG. 2.**

2. **This product is classified as a temporary fabric covered shelter and is intended to protect what is stored in it from basic environmental elements, including the effects of sun, rain, tree sap, bird and animal excrement and light snow. IT IS NOT DESIGNED TO HOLD THE LOAD FROM HIGH WINDS, HEAVY SNOW OR ICE STORMS.**

3. **Proper anchoring is the RESPONSIBILITY OF THE OWNER. Any shelter that is not anchored securely and properly has the potential to blow away in high winds. ShelterLogic cannot be held responsible for any shelter that blows away. NOTE: Your shelter's cover can be quickly removed and stored prior to severe weather conditions. If strong winds or severe weather is forecast in your area, we recommend that you remove the cover.**

CARE & CLEANING

A tight cover will ensure longer life and performance. Inspect and retighten the ratchet tie-downs monthly as needed. Always maintain a tight cover. Loose fabric can accelerate deterioration of the cover.

Immediately remove any accumulated snow or ice from the roof structure with a broom, mop or other soft sided instrument.

Do NOT use "protect and shine" or harsh or abrasive products to clean the fabric cover. Mild soap and water is recommended to clean the fabric cover of your shelter.