

Owner's Manual & Safety Instructions

Save This Manual Keep this manual for the safety warnings and precautions, assembly, operating, inspection, maintenance and cleaning procedures. Write the product's serial number in the back of the manual (or month and year of purchase if product has no number). Keep this manual and the receipt in a safe and dry place for future reference.

22f

COVER PRO® 12 FT. X 20 FT. TRUCK/SUV PORTABLE GARAGE



⚠️ WARNING

TO PREVENT SERIOUS INJURY:
Do not start or operate any internal combustion engine inside or near Portable Garage.

Vehicle not included

Visit our website at: <http://www.harborfreight.com>

Email our technical support at: predator@harborfreight.com

58741

When unpacking, make sure that the product is intact and undamaged. If any parts are missing or broken, please call 1-888-866-5797 as soon as possible.

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No portion of this manual or any artwork contained herein may be reproduced in any shape or form without the express written consent of Harbor Freight Tools. Diagrams within this manual may not be drawn proportionally. Due to continuing improvements, actual product may differ slightly from the product described herein. Tools required for assembly and service may not be included.

⚠️ WARNING

Read this material before using this product. Failure to do so can result in serious injury. **SAVE THIS MANUAL.**

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SAFETY



SETUP

WARNING SYMBOLS AND DEFINITIONS

	This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.
⚠ DANGER	Indicates a hazardous situation which, if not avoided, will result in death or serious injury.
⚠ WARNING	Indicates a hazardous situation which, if not avoided, could result in death or serious injury.
⚠ CAUTION	Indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.
NOTICE CAUTION	Addresses practices not related to personal injury.

OPERATION

	Double Insulated
	WARNING marking concerning Risk of Eye Injury. Wear ANSI-approved safety goggles with side shields.

	Read the manual before set-up and/or use.
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MAINTENANCE

IMPORTANT SAFETY INFORMATION

⚠️ WARNING

Read all safety warnings and instructions.

Failure to follow the warnings and instructions may result in serious injury.

Save all warnings and instructions for future reference.

The warnings, precautions, and instructions discussed in this instruction manual cannot cover all possible conditions and situations that may occur. It must be understood by the operator that common sense and caution are factors which cannot be built into this product, but must be supplied by the operator.

Assembly Precautions

1. Do not assemble in windy conditions.
2. Assemble and install only on flat, level, hard surface.
3. Assemble and anchor only according to these instructions. Improper assembly or inadequate anchoring can create hazards.
4. Check for utility lines, tree branches and other structures before assembling.
5. Verify that installation surface has no hidden utility lines before anchoring.
6. Wear ANSI-approved safety goggles, heavy-duty work gloves and hard hat during assembly and service.
7. Keep assembly area clean and well lit.
8. Keep bystanders out of the area during assembly.
9. Do not assemble when tired or when under the influence of drugs or medication.
10. Product capabilities apply to properly and completely assembled product only.

Use Precautions

1.  **CARBON MONOXIDE HAZARD**
Using an engine inside Shed CAN KILL YOU IN MINUTES.
Engine exhaust contains carbon monoxide. This is a poison you cannot see or smell. NEVER use an engine inside Shed, EVEN IF cover is open. Only use an engine OUTSIDE and far away from Shed.
2. **DO NOT USE IN HIGH WIND. Remove cover if harsh weather or heavy rain threatens.**
3. **For temporary use only. Do not use for long-term shelter.**
4. **Do not use as tent. Does not meet tent flammability standards. Do not use grill, heater, or ignition sources inside or near cover.**
5. **Do not allow snow, rainwater or debris to accumulate or pool on cover.**
6. **Do not hang objects from any part of the Garage.**
7. This product is not a toy. Do not allow children to play with or near this item.
8. Use as intended only.
9. Inspect regularly, tighten all loose hardware and loose straps, and secure all loosened anchors. If any parts are damaged, bent, or stretched, they must be replaced. Hardware may loosen during normal operation stresses. Loose hardware or damaged/altered parts will compromise the structural integrity of this product.
10. Maintain product labels and nameplates. These carry important safety information. If unreadable or missing, contact Harbor Freight Tools for a replacement.



SAVE THESE INSTRUCTIONS.

Specifications

Overall Dimensions	11' 10" W x 20' L x 8' H
Center Height	8'
Door Height	6.2'
Pole Tubing Diameter	1.5"

Assembly



Read the **ENTIRE IMPORTANT SAFETY INFORMATION** section at the beginning of this manual including all text under subheadings therein before set up or use of this product.

Note: For additional information regarding the parts listed in the following pages, refer to *Parts List and Diagram* on page 16.

WARNING

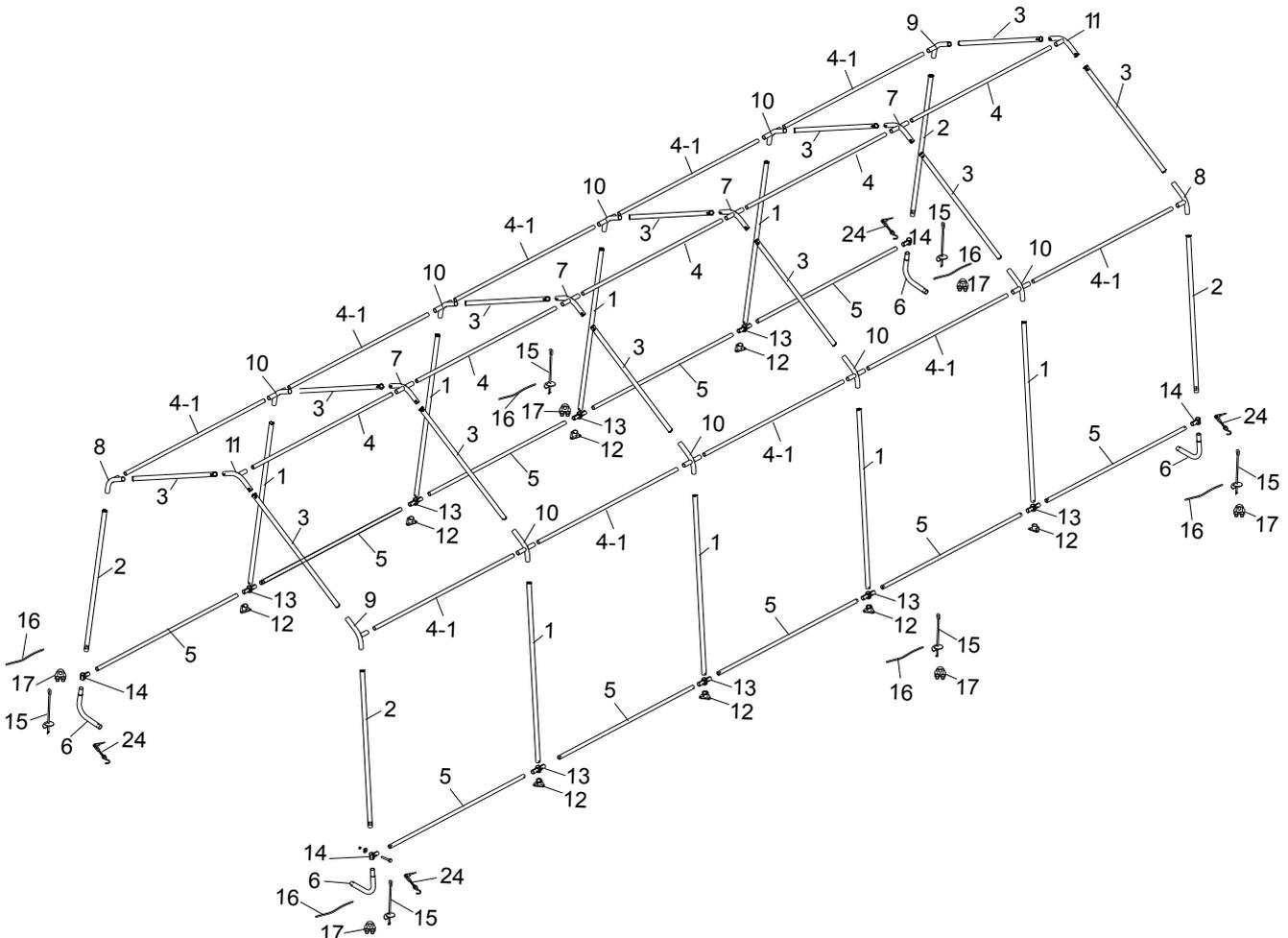
TO PREVENT SERIOUS INJURY:

Do not leave this product partially assembled. Assemble this product completely at one time.

Note: At least 3 workers are required for assembly. Before starting assembly, review the instructions and make sure there is enough time and the proper tools available to properly assemble.

Finger tighten all connections until assembly is done. Assemble on a flat, level surface.

Frame Assembly Overview



Roof Assembly

Note: Much of this product's assembly is done using slip fit construction. Make sure all parts seat completely and securely. A rubber mallet (sold separately) can be used to gently tap parts into place to ensure a tight fit.

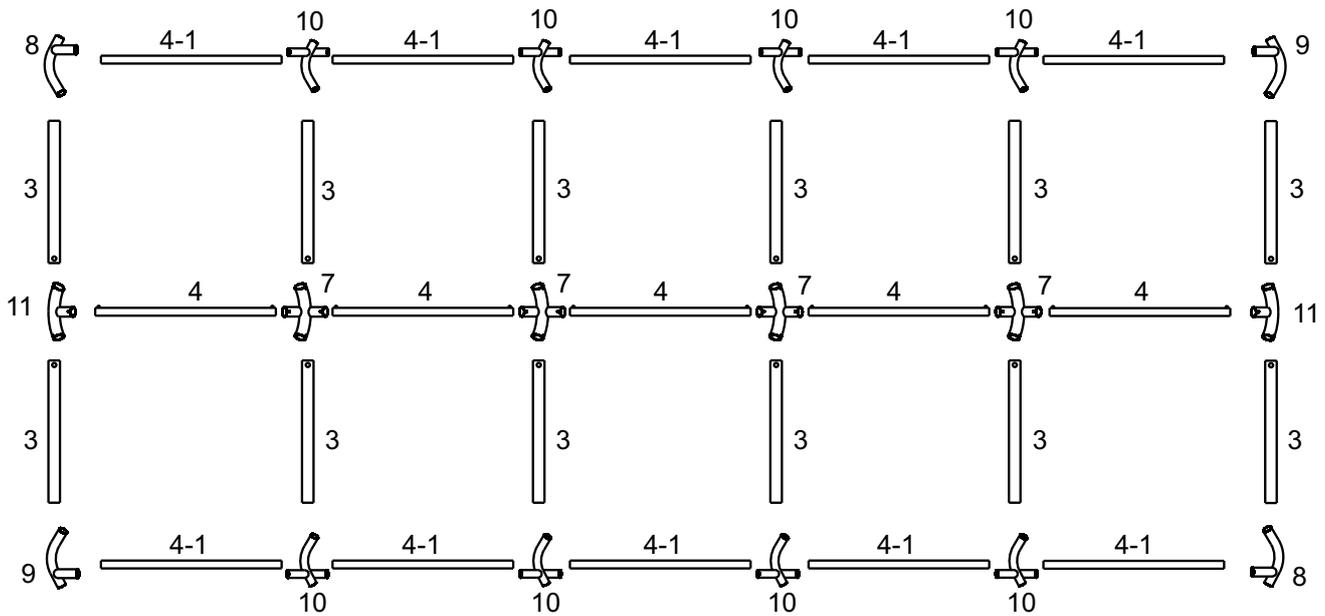


Figure A: Roof Assembly Overview

Note the differences between connectors (see Figure B). Parts (8), (9) and (10) are side bend connectors with a sharp bend. Parts (11) and (7) are top bend connectors for the roof ridge, and have a sloping bend. When installed, the welded socket for the cross rail must be below the bend.

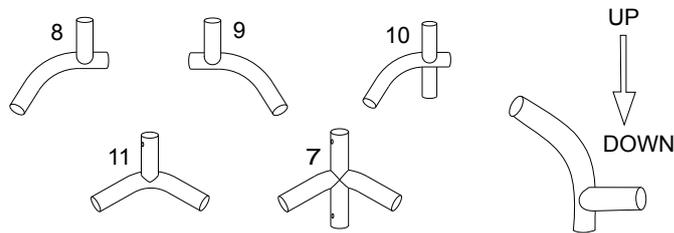


Figure B: Connector Differences

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- Assemble roof ridge using five Ridge Tubes (4) with 4-Way Peak Connectors (7) between them, and a 3-Way Peak Connector (11) on each end. The Ridge Tubes connect to the straight ends of the Connectors and the curved, free ends of the Connectors angle down, as shown in Figure C. Align holes in Ridge Tubes and Connectors.
 - Insert two M6 x 50 Bolts (18), Washers (20) and Nuts (21) at each 4-Way connection.
 - Insert one M6 x 50 Bolts (18), Washers (20) and Nuts (21) at each 3-Way connection.
 - Only finger-tighten nuts at this time.
- Connect a Rafter Tube (3) to each free end of every 4-Way Peak Connector (7) and 3-Way Peak Connector (11) on each side.

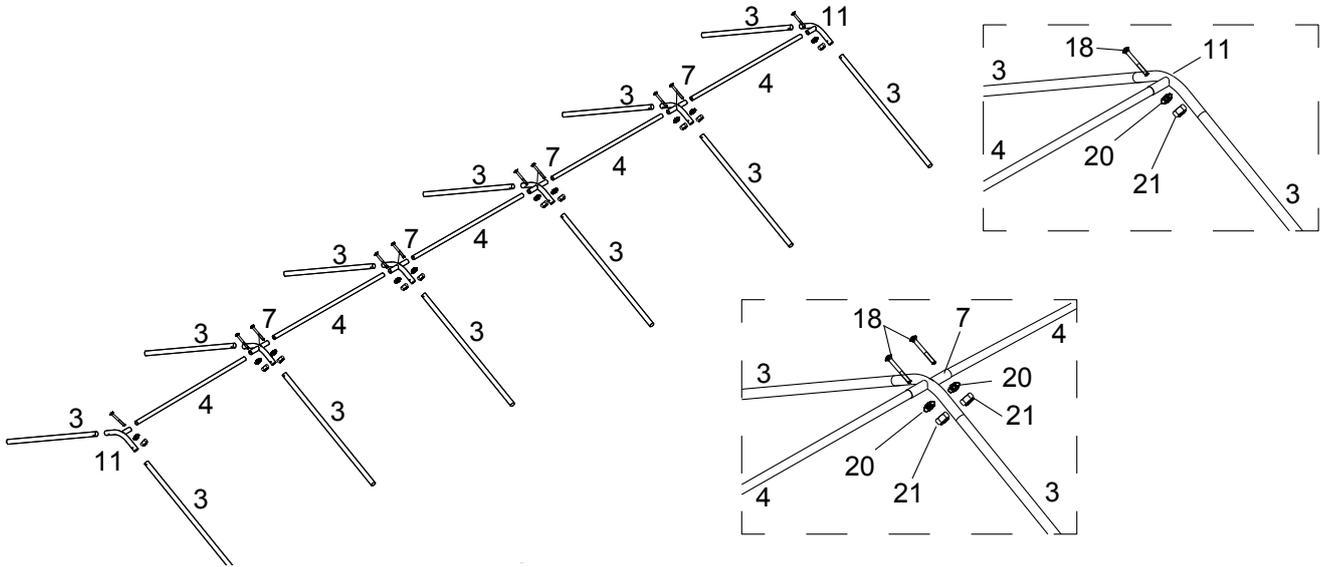


Figure C: Ridge and Rafter Assembly

- Assemble five Roof Shoulder Tubes (4-1) using 4-Way Side Connectors (10) between them, with Left 3-Way Side Connector (8) on one end and Right 3-Way Side Connector (9) on the opposite end (see Figure D). The Roof Shoulder Tubes connect to the straight ends of the Connectors, and the curved ends of all Connectors must face up and angled the same direction, as shown. If that is not the case, the wrong connectors were used, or they were assembled backwards.
- Assemble an identical Roof Shoulder group by repeating the instructions in the step above.

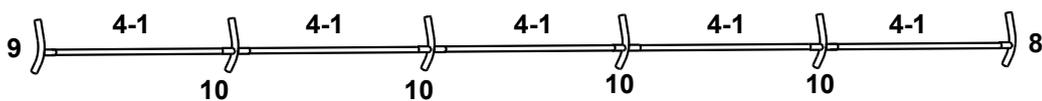


Figure D: Roof Shoulder Assembly

- Connect the Roof Shoulder assemblies to the ends of the Rafters, as shown in Figure E.

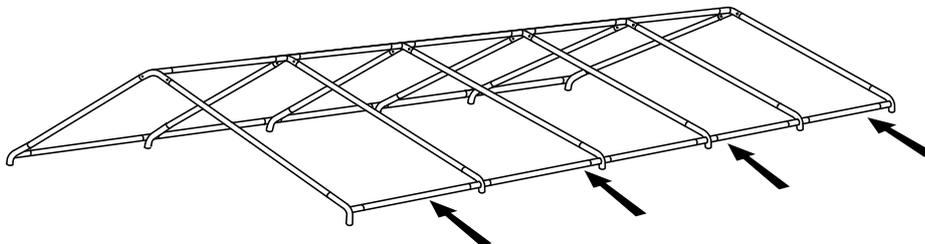
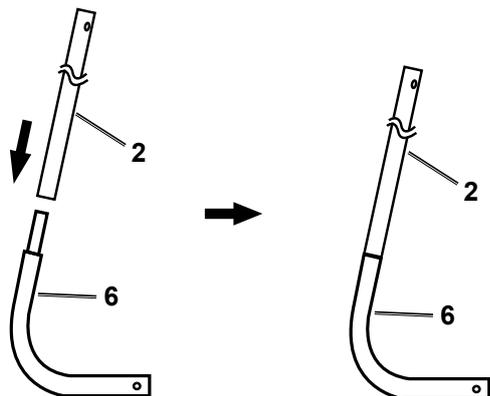


Figure E: Roof Frame Completion

- Make sure all parts assembled up to this point are firmly joined together. Tap parts together gently with a rubber mallet (sold separately) if needed.
- Fully tighten all nuts on the Roof Frame assembly with a wrench (sold separately).

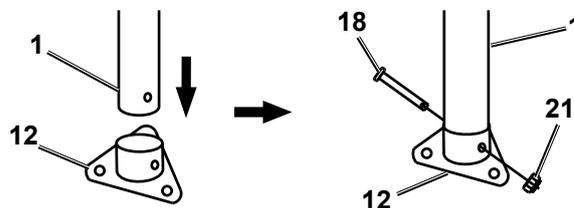
Leg and Foot Assembly

1. Connect Corner Leg Tubes (2) and Bent Corner Legs (6) to create the four corner leg assemblies.



2. Connect a Foot Plate (12) onto the bottom of each Center Leg Tube (1). to create the eight center leg assemblies.

Align holes on the Center Leg Tube and Foot Plate. Insert a M6 x 50 Bolt (18) and Nut (21) at each connection. Tighten Nut securely.



3. Install Center Legs and Corner Legs into the Side Connectors (see Figure F).
4. Repeat to assemble the other side.

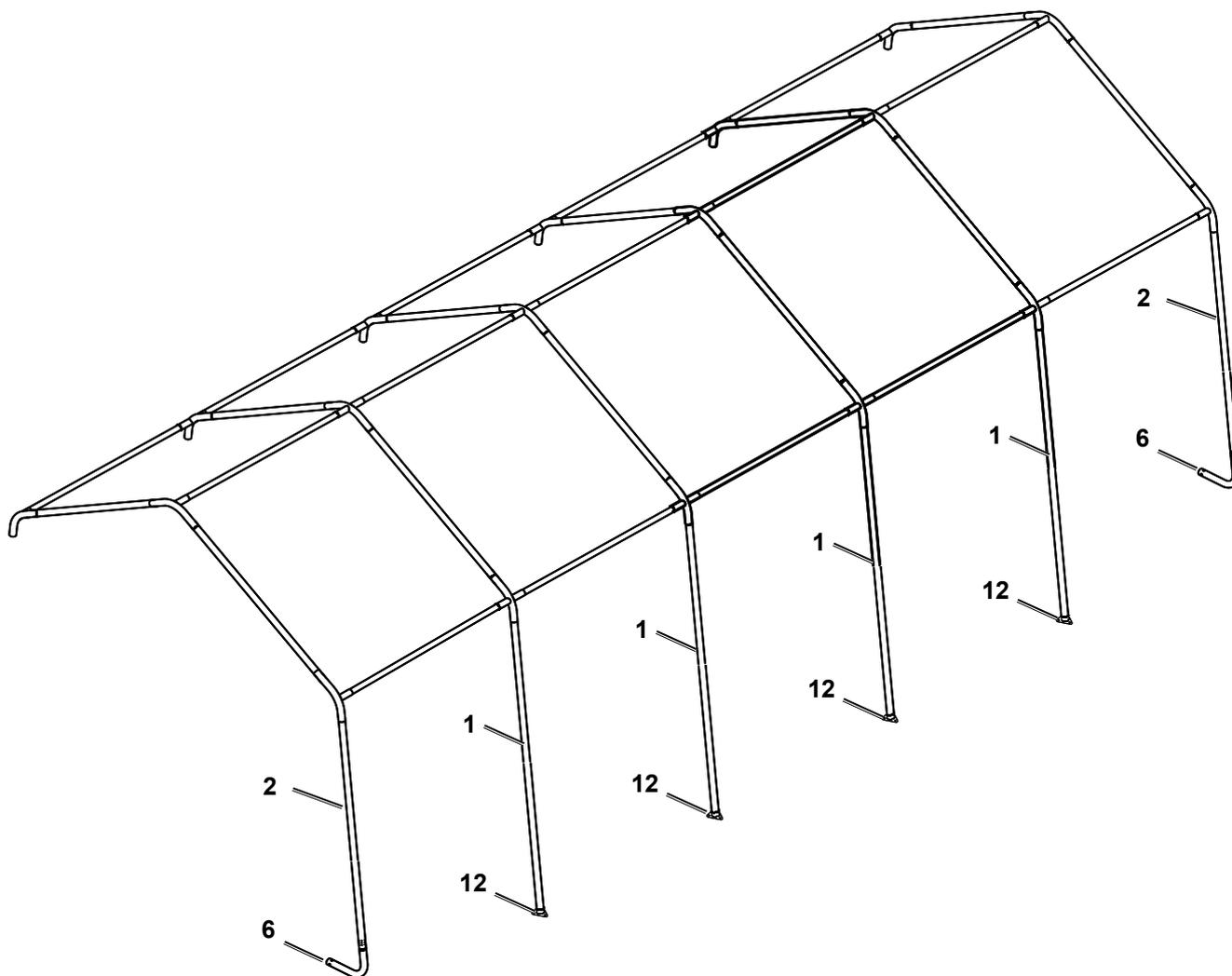


Figure F: Installing Legs

Squaring and Anchoring Frame

⚠ WARNING

TO PREVENT SERIOUS INJURY: Contact local utility companies to ensure that installation area is free of pipes, cables, and other hazards **BEFORE** installing Anchors or choosing installation area.

1. Position Frame in desired in location. The location must be flat, level, and stable with good locations for the Anchors (15).
2. Level the Frame end-to-end and side-to-side.
3. Measure width of Frame at front and back. It should be 12 ft. wide at front, back, and center.
4. Take diagonal measurements (A and B) as shown in Figure G. When these two measurements are equal, the Frame is square. Adjust the Frame until A and B are equal to within 1 inch.
5. Once diagonal measurements are equal, check the width again to ensure all widths are equal at 12 ft.

Note: If measurements cannot be made correct, then parts may not be seated together properly.

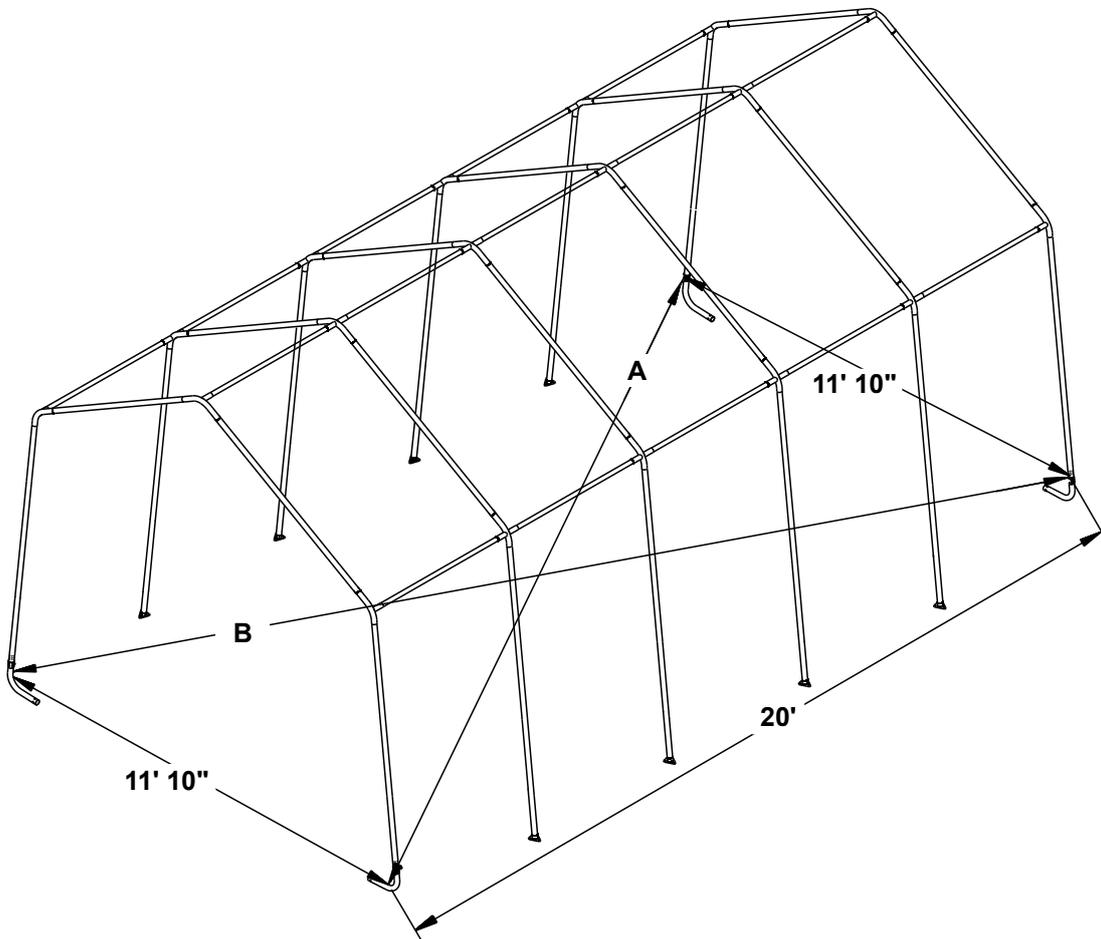


Figure G: Verify and Adjust for Frame Squareness

6. Once the Frame is positioned, leveled and squared, anchor the four Corner Legs (6) and two Center Legs (1), one each side, as follows:
 - a. Thread the Anchor (15) into the ground near the Leg until the top of the Anchor only extends about 3" above the ground. Anchor each corner and one center leg on each side.

Note: Verify that there are no utility lines nearby before driving anchors. If there are rocks or other obstacles, holes may need to be drilled first to allow proper anchoring.

Note: If anchoring frame on concrete, use a concrete anchor (not provided) in place of Anchor.

- b. Insert Cable (16) through Anchor and through Corner Leg (6) or Center Leg Foot Plate (12) as shown.

- c. Pull Cable tight and secure it using a Cable Clamp (17). Tighten the two nuts on Cable Clamp evenly to secure Cable.
- d. Repeat for all remaining Anchors and Legs.

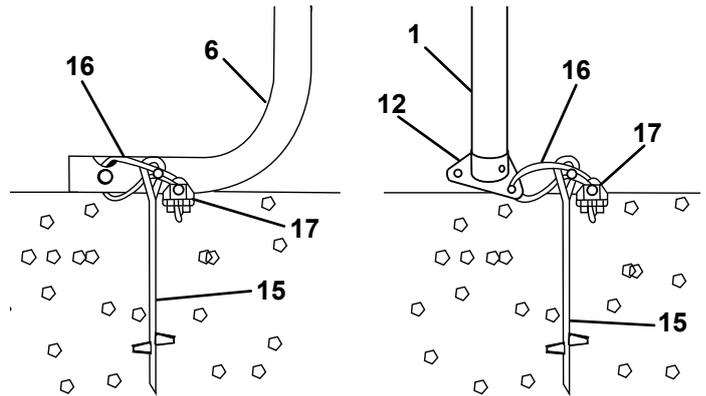


Figure H: Anchoring

Using Ratchet Tie-Downs

Note: Use these instructions for installing Door and Back Panels, and Roof Cover.

1. Thread strap through the Ratchet's (24) spindle as far as it will go.

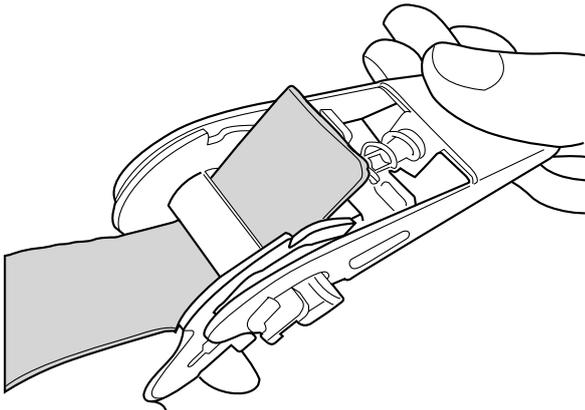


Figure I: Strap through Spindle

2. Insert S-hook of Ratchet into hole in Corner Leg (6).

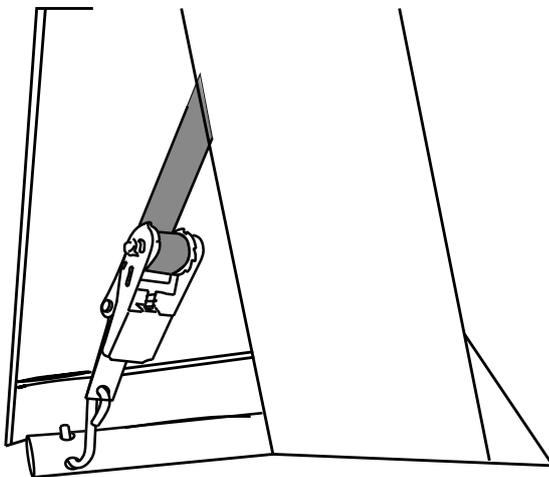


Figure J: Inserting Hook into Corner Leg

3. Raise and lower Ratchet handle to wind and tighten strap onto Ratchet spindle.

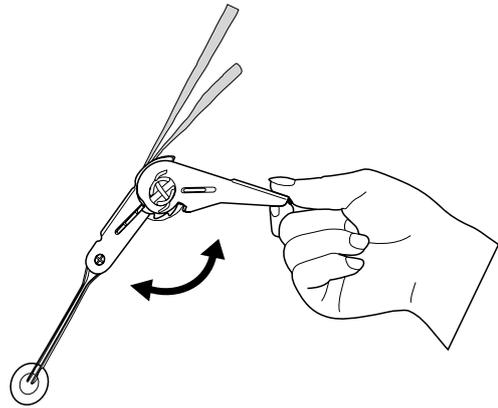


Figure K: Tightening Ratchet Strap

NOTICE: Excessive tightening will damage straps, Panels, and Corner Legs.

To Release a Ratchet Tie-Down:

1. Press spring-loaded bar on handle.
2. Open Ratchet handle completely.
3. Unwind the strap.

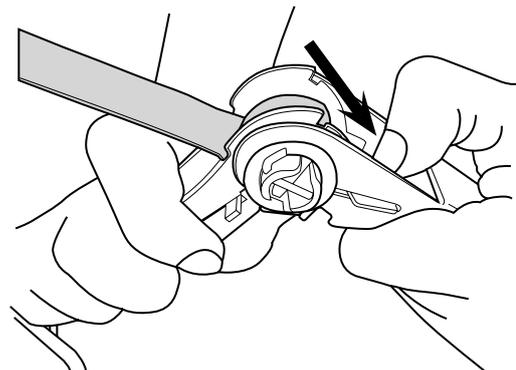


Figure L: Releasing Ratchet

Installing Back and Front Doors

Note: When installing Back and Front Doors, ensure that pre-installed straps are not pulled out of Hem.

1. Position a Door Panel (23) at desired end of Frame. The zipper faces the outside of Portable Garage, the warning tag faces inside. Make sure zipper is closed while installing.
2. Locate the webbed strap that runs through perimeter of Door. The webbing is exposed at the peak, shoulders and feet of the Door. Tie the loose ends of the webbed strap to the two Corner Legs.
3. Use a rubber mallet to disconnect Ridge Tube (4) from 3-Way Ridge Connector (11), and place gap at top center of Door Panel around the Ridge Connector, as shown.
4. Wrap the Door Panel flaps around Rafter Tubes and Leg Tubes as shown and then rejoin the tubes. Make sure strap is positioned inside frame. **DO NOT ATTEMPT TO INSERT ANY FRAMEWORK TUBING INTO THE HEM ON FLAPS.**

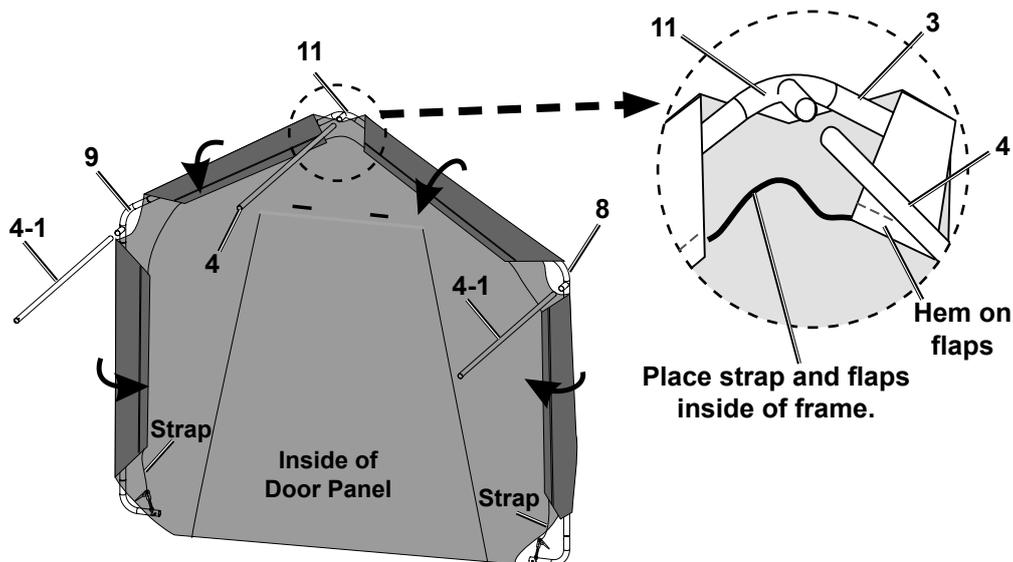


Figure M: Door Panel Installation

5. Repeat step #3 for the 3-Way Side Connectors (8, 9) and Shoulder Tubes (4-1).
6. Assemble a Ratchet Tie Down (24) to each Strap end (see *Using Ratchet Tie-Downs*). Hook the assembled Ratchet to the hole in Bent Corner Legs (6) and tighten ratchet until Door Panel is reasonably tight.
 - Be sure flaps are folded over the tubes at the end and inside of the frame.
 - Be sure the overlap of the door flap remains square over the end frame and reaches the ground at the base.

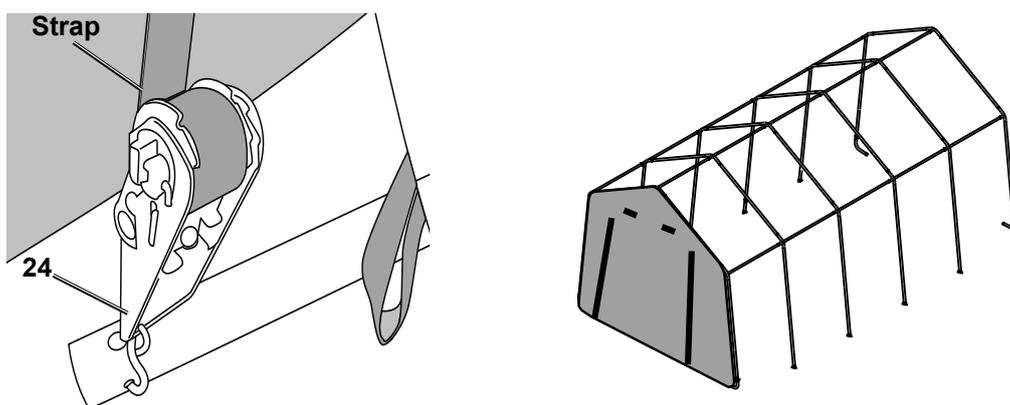


Figure N: Securing Door Panel

7. Repeat above process to install other Door Panel to opposite end of frame.

NOTE: DO NOT OVERTIGHTEN RATCHETS.

Installing Roof Cover

1. Lay Roof Cover (22) on ground next to frame, so that the inside pockets are facing up. See Figure O.
2. Tie a rope (not provided) to each eyelet on the Roof Cover, one on each end.

Note: Another rope in the middle helps if an additional person is available.

3. Throw the opposite ends of the ropes over the frame.
4. Move to the other side of the frame and pull the Roof Cover over the frame. Make sure that the Roof Cover is centered on the frame. There should be equal overhang on each corner. If small adjustment is needed, two people should pull together from the same end of the Portable Garage so that the Roof Cover does not become twisted.

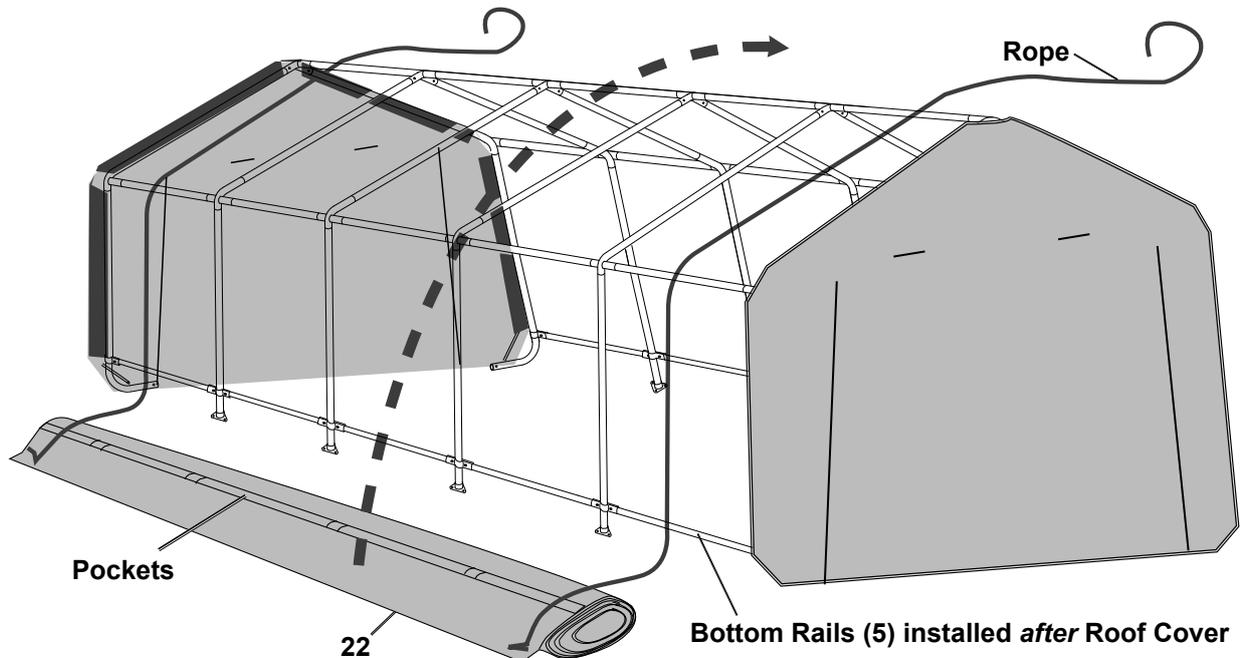


Figure O: Installing Roof Cover

5. Assemble a Ratchet Tie Down (24) to the strap ends of the four corners of Roof Cover. Insert hook on Ratchet to hole in Corner Leg, and ratchet a few times to keep corner in place (Refer to **Using Ratchet Tie Downs** on page 9).
6. Slide Bottom Rails (5) into pockets. See Figure P.

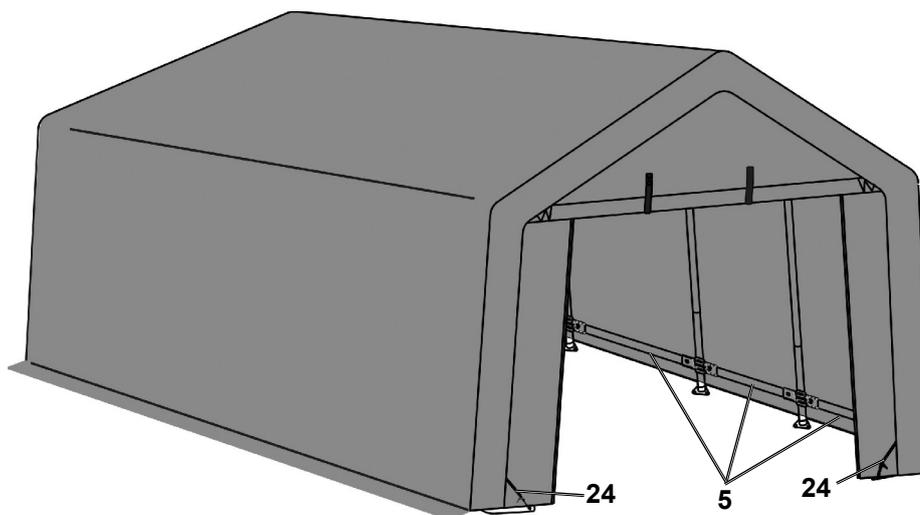
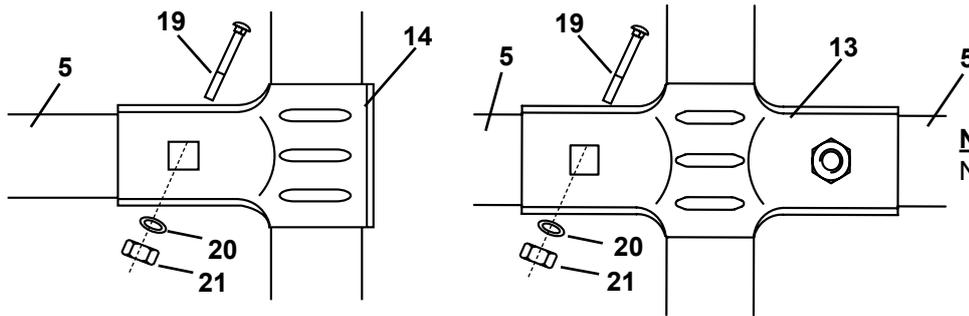


Figure P: Installing Bottom Rails into Pockets

7. Attach Bottom Rails (5) to Corner Legs using 3-Way Rail Clamps (14) with Bolts (19), Nuts (21) and Washers (20), and to the Center Legs with 4-Way Rail Clamps (13), as shown in Figure Q. Finger tighten nuts only.



Note: Only finger tighten Nuts (21) at this time.

Figure Q: 3- and 4-Way Rail Clamp Connections

8. Make sure all Bottom Rails are the same height from ground. Push down on Bottom Rails to tighten Roof Cover, then securely tighten Nuts (21).
9. When Bottom Rails are all secured, proceed to the four corners and tighten the Roof Cover ends to the Corner Tubes using the Ratchets. **Do not overtighten.**
10. The Portable Garage is now ready for use. If desired, install Door Roller.

Installing Door Roller

Note: A ladder (sold separately) and at least 2 people (one to hold the ladder) are required for Door Roller installation. Before starting installation, review the instructions and make sure proper tools are available. Parts are provided to install roller to one door.

1. Connect four Male Door Tubes (26) and one Female Door Tube (25) together, and slide them into bottom Door pocket.

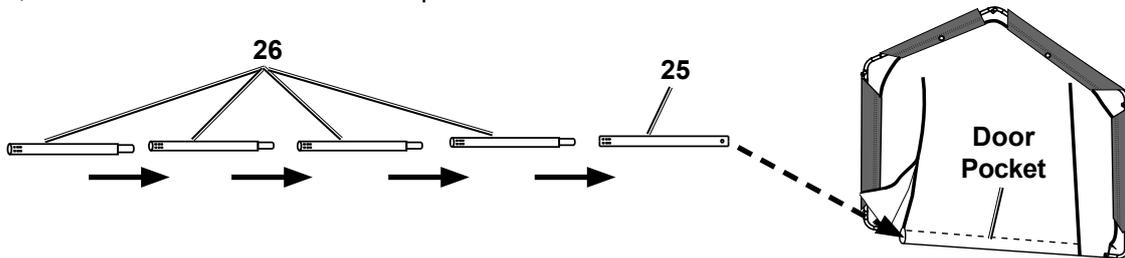


Figure R: Connecting Door Tubes

2. On the second Leg Tube inside the Garage, measure eight inches down from the top Cross Rail. Hold the Butterfly Cleat (28) at that spot and in the center of the Leg Tube. Use a center punch (sold separately) to mark two holes for the Screws.
- Carefully drill two pilot holes on the marks using the provided Drill Bit (31). Drill just enough to make two shallow pilot holes. Be careful not to penetrate the Roof Cover.
 - Install the Butterfly Cleat (28) using the two provided 4 x 32 Screws (30).

Note: Butterfly Cleat shown attached to left side but may be attached to either side of Garage.

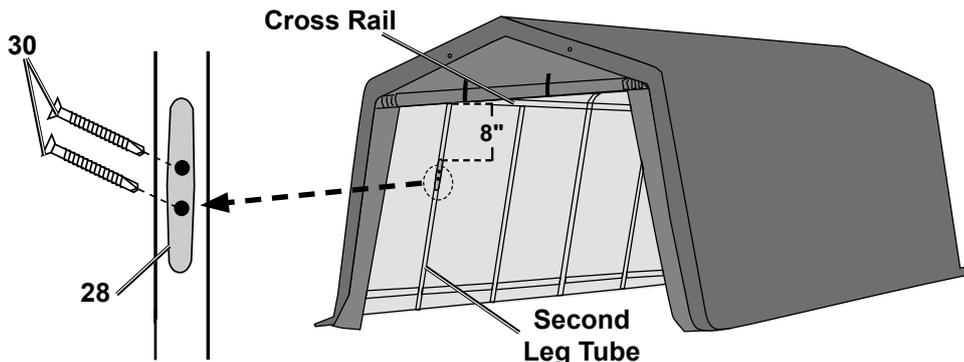


Figure S: Installing Butterfly Cleat

3. Feed end of Door Rope (29) through the a small (12mm) grommet on the Roof Cover Flap. Tie and knot Rope to Flap. Repeat for other side.

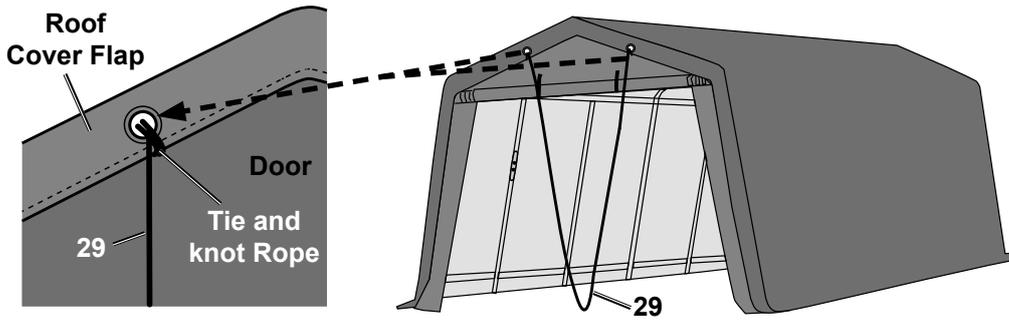


Figure T: Attaching Door Rope

4. Attach a Pulley (27) through a large (22mm) grommet on the Door. Repeat for other side of the Door.

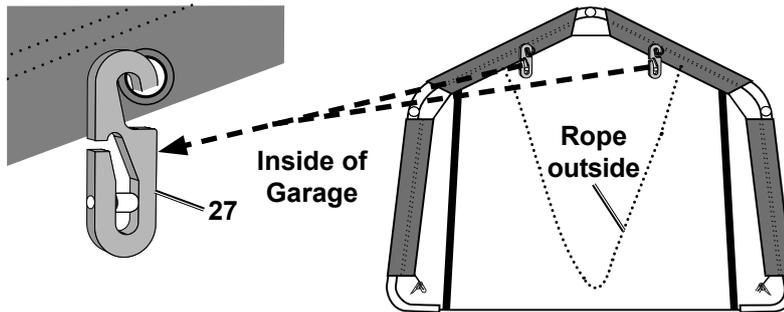


Figure U: Connecting Pulley

5. Pass Door Rope under the Door and back up to the closest Pulley. The Rope should be over the Pulley's Roller.

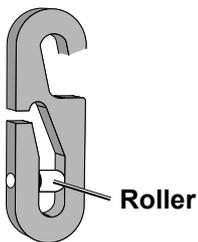
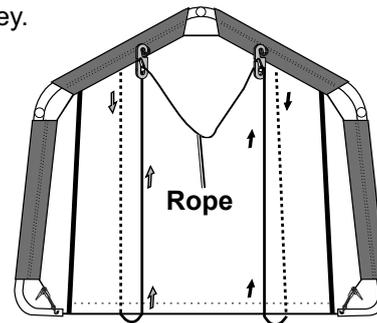


Figure V: Routing Door Rope, Step 1



6. Feed the Rope furthest from the Butterfly Cleat across the top of the Door and through the other Pulley. Both Ropes should be on top of the Roller of the Pulley closest to the Butterfly Cleat.

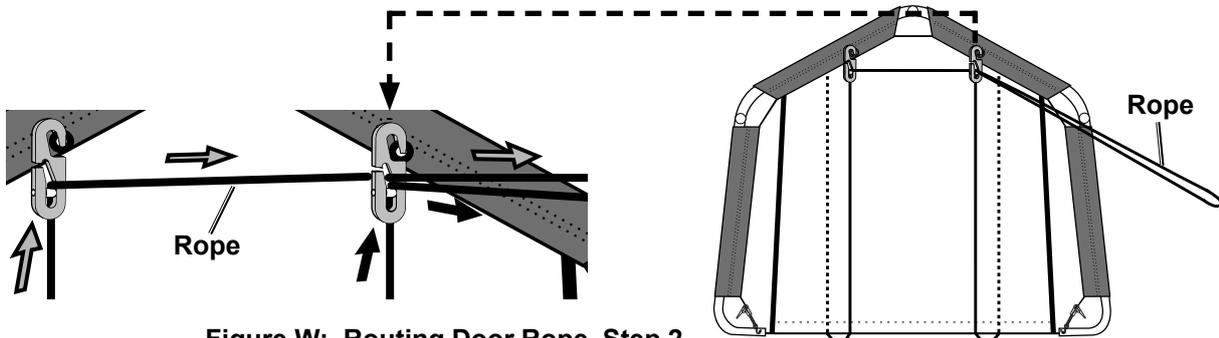
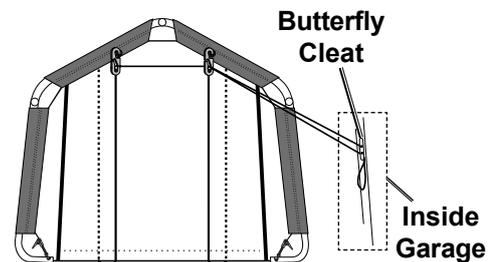


Figure W: Routing Door Rope, Step 2

7. Holding both Ropes together, pull to roll up Door to desired height, then tie to Butterfly Cleat to secure.

Figure X: Tying Door Rope



Maintenance



Procedures not specifically explained in this manual must be performed only by a qualified technician.

WARNING

TO PREVENT SERIOUS INJURY FROM PRODUCT FAILURE:

Do not use damaged products. If damage is noted, have the problem corrected before further use.

DURING FIRST WEEK, check periodically. Tighten ratchet tie-downs and all hardware as needed.

MONTHLY, inspect the general condition of the Portable Garage. Check for:

- loose ratchet tie downs, anchors, tube connections, and rail clamps (tighten as needed),
- torn or frayed covers, straps, or cables,
- cracked, bent, or broken parts, and
- any other condition that may affect its safe operation.

Cleaning

1. Immediately remove any accumulated debris from the cover with a broom, mop, or other soft-sided instrument from the outside. **DO NOT** use sharp instruments.
2. **PERIODICALLY**, clean cover with mild soap and water. **DO NOT** use bleach or harsh abrasive products.

PLEASE READ THE FOLLOWING CAREFULLY

THE MANUFACTURER AND/OR DISTRIBUTOR HAS PROVIDED THE PARTS LIST AND ASSEMBLY DIAGRAM IN THIS MANUAL AS A REFERENCE TOOL ONLY. NEITHER THE MANUFACTURER OR DISTRIBUTOR MAKES ANY REPRESENTATION OR WARRANTY OF ANY KIND TO THE BUYER THAT HE OR SHE IS QUALIFIED TO MAKE ANY REPAIRS TO THE PRODUCT, OR THAT HE OR SHE IS QUALIFIED TO REPLACE ANY PARTS OF THE PRODUCT. IN FACT, THE MANUFACTURER AND/OR DISTRIBUTOR EXPRESSLY STATES THAT ALL REPAIRS AND PARTS REPLACEMENTS SHOULD BE UNDERTAKEN BY CERTIFIED AND LICENSED TECHNICIANS, AND NOT BY THE BUYER. THE BUYER ASSUMES ALL RISK AND LIABILITY ARISING OUT OF HIS OR HER REPAIRS TO THE ORIGINAL PRODUCT OR REPLACEMENT PARTS THERETO, OR ARISING OUT OF HIS OR HER INSTALLATION OF REPLACEMENT PARTS THERETO.

Record Product's Serial Number Here: _____

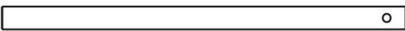
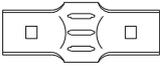
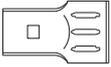
Note: If product has no serial number, record month and year of purchase instead.

Note: Some parts are listed and shown for illustration purposes only, and are not available individually as replacement parts. Specify UPC 193175445667 when ordering parts.

Parts List and Diagram

Parts List

Note: Individual part illustrations not to scale.

Part	Description	Illustration	Qty
1	Center Leg Tube		8
2	Corner Leg Tube		4
3	Rafter Tube		12
4	Roof Ridge Tube		5
4-1	Roof Tube		10
5	Bottom Rail		10
6	Bent Corner Leg		4
7	4-Way Peak Connector		4
8	3-Way Side Connector - Left		2
9	3-Way Side Connector - Right		2
10	4-Way Side Connector		8
11	3-Way Peak Connector		2
12	Foot Plate		8
13	4-Way Cover Rail Clamp		16
14	3-Way Cover Rail Clamp		8
15	Anchor, 27"		6
16	Cable, 1' (30cm)		6
17	Cable Clamp		6
18	Bolt, M6 x 50 (not shown)		18

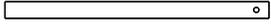
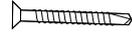
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Parts List (continued)

Part	Description	Illustration	Qty
19	Bolt, M6 x 45 (not shown)		20
20	Washer, M6 (not shown)		30
21	Nut, M6 (not shown)		39*
22	Roof Cover (with grommets on door top flaps)		1
23	Door Panel (with zipper and grommets)		2
24	Ratchet Tie Down		8
25	Door Tube, female (not shown)		1
26	Door Tube, male (not shown)		4
27	Pulley		2
28	Butterfly Cleat		1
29	Door Rope		1
30	Screw, 4 x 32 (not shown)		2
31	Bit, PH2 (not shown)		1

*Item 21 of M6 Nuts, 38 are used plus one is a spare.

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OPERATION

MAINTENANCE

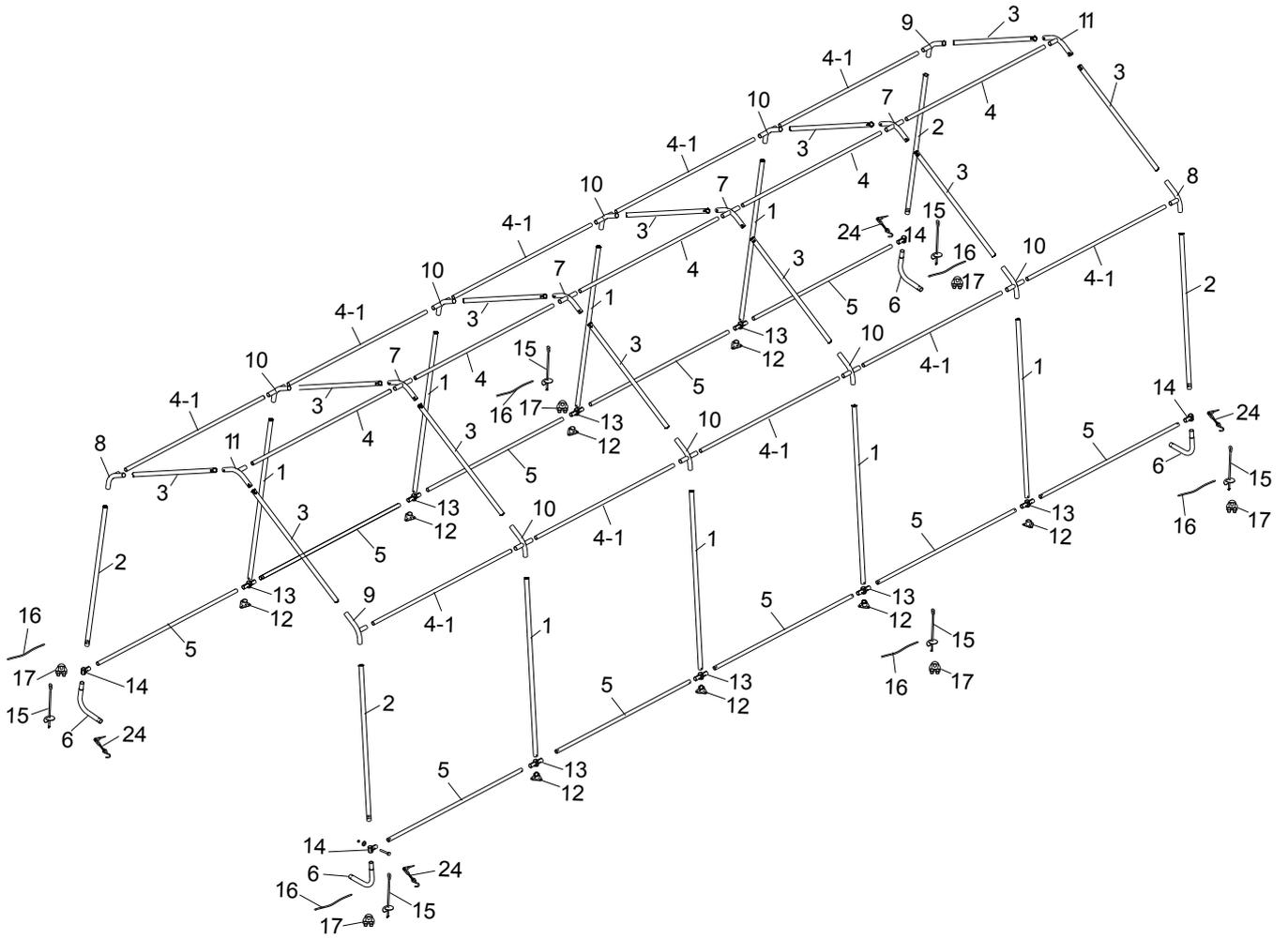
Assembly Diagram

SAFETY

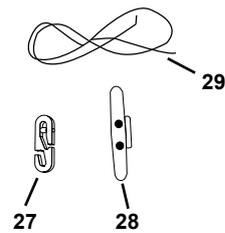
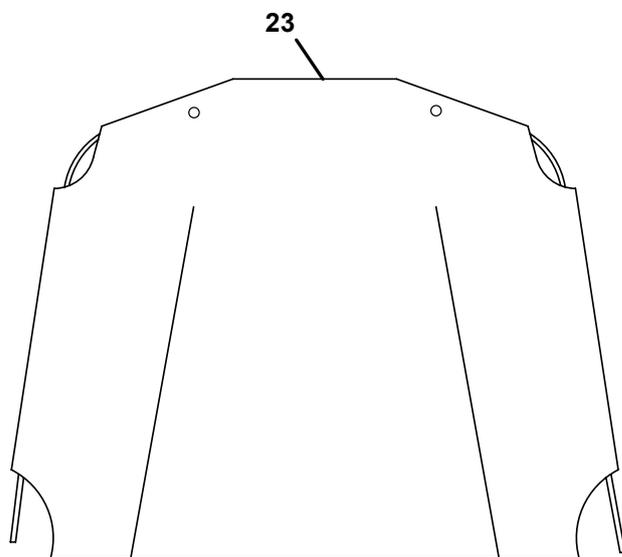
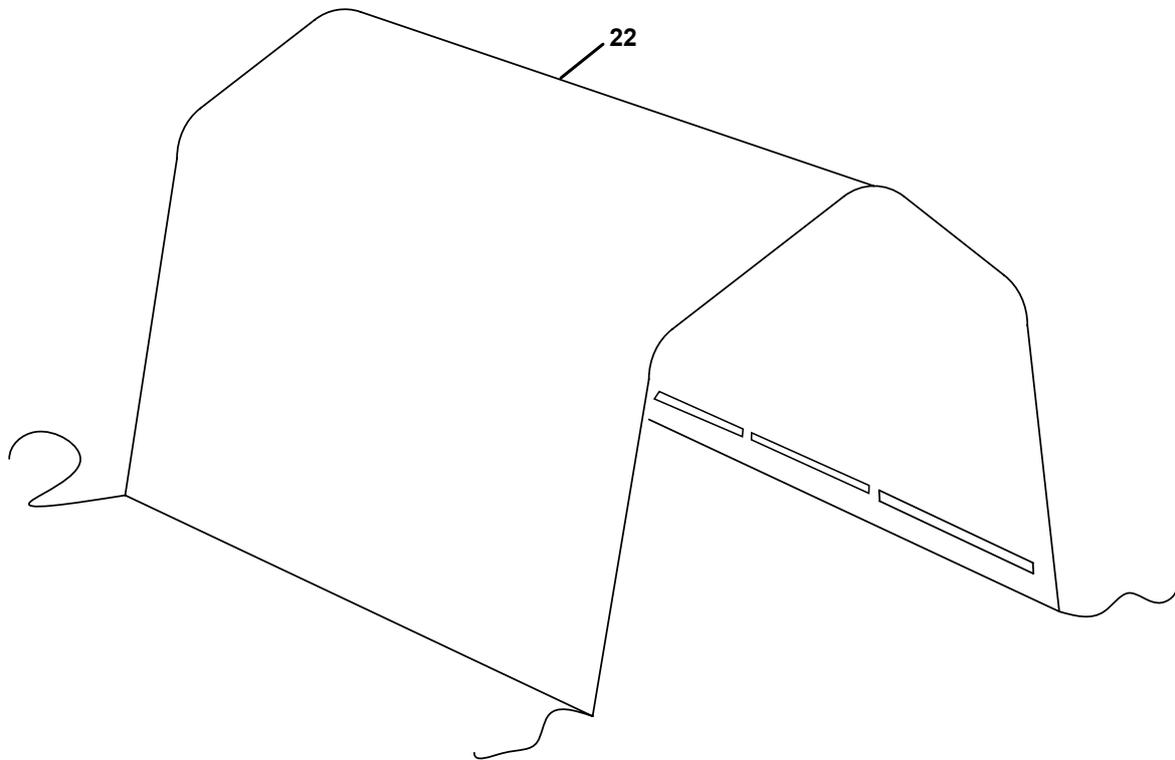
SETUP

OPERATION

MAINTENANCE



Assembly Diagram (continued)



SAFETY

SETUP

OPERATION

MAINTENANCE

Limited 90 Day Warranty

Harbor Freight Tools Co. makes every effort to assure that its products meet high quality and durability standards, and warrants to the original purchaser that this product is free from defects in materials and workmanship for the period of 90 days from the date of purchase. This warranty does not apply to damage due directly or indirectly, to misuse, abuse, negligence or accidents, repairs or alterations outside our facilities, criminal activity, improper installation, normal wear and tear, or to lack of maintenance. We shall in no event be liable for death, injuries to persons or property, or for incidental, contingent, special or consequential damages arising from the use of our product. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation of exclusion may not apply to you. THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS.

To take advantage of this warranty, the product or part must be returned to us with transportation charges prepaid. Proof of purchase date and an explanation of the complaint must accompany the merchandise. If our inspection verifies the defect, we will either repair or replace the product at our election or we may elect to refund the purchase price if we cannot readily and quickly provide you with a replacement. We will return repaired products at our expense, but if we determine there is no defect, or that the defect resulted from causes not within the scope of our warranty, then you must bear the cost of returning the product.

This warranty gives you specific legal rights and you may also have other rights which vary from state to state.



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