

12' X 14' MERIDIAN GAZEBO WITH ALUMINUM ROOF

Installation and Operating Instructions – YM11772



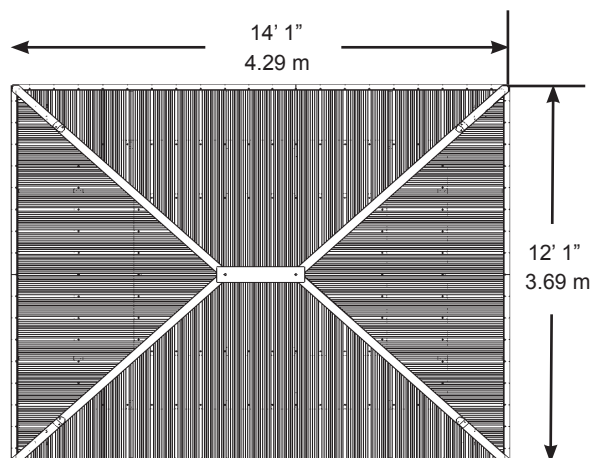
HEIGHT:
10'3" / 3.124m

Revised 09-11-2018

**YARDISTRY**[®]

Yardistry – North America
Toll Free Customer Support: 1.888.509.4382
info@yardistrystructures.com
www.yardistrystructures.com

Yardistry / Selwood Products – Europe
Customer Support: +44 1284 852569
parts@selwoodproducts.com
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Important Safety Notice!

Yardistry components are intended for privacy, decorative and ornamental use only.

Product is NOT INTENDED for the following:

- A safety barrier to prevent unsupervised access to pools, hot tubs, spas or ponds.
- As load bearing support for a building, structure, heavy objects or swings.
- Used in structures that trap wind, rain or snow that would create extra load on the product.

Accumulated snow must be removed from roof.

DO NOT climb or walk on roof for any reason.

Permanent structures may require a building permit. As the purchaser and or installer of this product you are advised to consult local planning, zoning and building inspection departments for guidance on applicable building codes and/or zoning requirements.

Wood is NOT flame retardant and will burn. Grills, fire pits and chimineas are a fire hazard if placed too close to a Yardistry structure. Consult user's manual of the grill, fire pit or chiminea for safe distances from combustible materials.

Wear gloves to avoid injury from possible sharp edges of individual elements before assembly.

During installation, follow all safety warnings provided with your tools and use OSHA approved safety glasses. Some structures may require two or more people to install safely.

Check for underground utilities before digging or driving stakes into the ground!

It is important during assembly to closely follow the instructions, complete the assembly on a solid level surface and that you follow the instruction to square up, level and anchor the structure, this will reduce the gap at wood connections during assembly.

General Information

General Information: Wood components are manufactured with Cedar (C. Lanceolata) which is protected with factory applied water-based stain. Knots, small checks (cracks) and weathering are naturally occurring and do not affect the strength of the product. Annual application of a water-based water repellent sealant or stain is important and will help reduce weathering and checks.

www.yardistrystructures.com

Questions?

Call toll free or write us at:

1 (888) 509-4382

info@yardistrystructures.com

Patents Pending

Limited Warranty

Yardistry warrants that this product is free from defect in materials and workmanship for a period of one (1) year from the original date of purchase. In addition, for any product with lumber, all lumber is warranted for five (5) years against rot and decay. This warranty applies to the original owner and registrant and is non-transferable.

Regular maintenance is required to assure the integrity of your product and is a requirement of the warranty. This warranty does not cover any inspection costs.

This Limited Warranty does not cover:

- Labour for replacement of any defective item(s);
- Incidental or consequential damages;
- Cosmetic defects which do not affect performance or integrity;
- Vandalism; improper use or installation; acts of nature, including but not limited to wind, storms, hail, floods, excessive water exposure;
- Minor twisting, warping, checking or any other natural occurring properties of wood that do not affect performance or integrity.

Yardistry products have been designed for safety and quality. Any modifications made to the original product could damage the structural integrity of the product leading to failure and possible injury. Yardistry cannot assume any responsibility for modified products. Furthermore, modification voids any and all warranties.

This product is warranted for RESIDENTIAL USE ONLY. Yardistry disclaims all other representations and warranties of any kind, express or implied.

This Warranty gives you specific legal rights. You may have other rights as well which vary from state to state or province to province. This warranty excludes all consequential damages, however, some states/provinces do not allow the limitation or exclusion of consequential damages, and therefore this limitation may not apply to you.

Instructions for Proper Maintenance

Your Yardistry structure is designed and constructed of quality materials. As with all outdoor products it will weather and wear. To maximize the enjoyment, safety and life of your structure it is important that you, the owner, properly maintain it.

HARDWARE:

- Check metal parts for rust. If found, sand and repaint using a non-lead paint complying with 16 CFR 1303.
- Inspect and tighten all hardware after completion of assembly; after first month of use; and then annually. Do not over-tighten as to cause crushing and splintering of wood.
- Check for sharp edges or protruding screw threads, add washers if required.

WOOD PARTS:

- Applying a water repellent or stain (water-based) on a yearly basis is important maintenance to maintain maximum life and performance of the product.
- Check all wood members for deterioration, structural damage and splintering. Sand down splinters and replace deteriorated wood members. As with all wood, some checking and small cracks in grain is normal
- Some gapping may occur at some wood connections.

Assembly Guides

Tools Required:

- | | | |
|------------------------------|------------------|---------------------------|
| • Tape Measure | • 8' Step Ladder | • 6' Step Ladder x 2 |
| • Carpenters Level | • Safety Glasses | • Square |
| • Standard or Cordless Drill | • Adult Helper | • Ratchet |
| • Claw Hammer | • Safety Gloves | • 7/16, 1/2 & 9/16 Socket |
| • 7/16" & 9/16" Wrench | • Hard Hat | |

Symbols:

Throughout these instructions symbols are provided in the top, right-hand corner of the page.



- Use Help, where this is shown, 2, 3 or 4 people are required to safely complete this step. To avoid injury or damage to the assembly make sure to get some help.



- Use a measuring tape to assure proper location



- Pre-drill a pilot hole before fastening screw or lag to prevent splitting of wood.

If you dispose of your Yardistry structure: Please disassemble and dispose of your unit so that it does not create any unreasonable hazards at the time it is discarded. Be sure to follow your local waste ordinances.

Assembly Tips

Following are some helpful tips to make the assembly process smooth and efficient.

PRE-ASSEMBLIES:

(i.e. Post and Beam Assemblies, Roof Rafter Assembly, etc)

- Work on a raised, solid and flat surface such as, a table or saw horse.
- Keep all connections flush where shown in the instructions.
- When assembling the beams keep parts flat, straight and snug when connecting.

METAL PARTS:

- Roofing material may have sharp edges, wear safety gloves.
- Remove all plastic covering, on both sides of the metal panels, directly before installing each piece.
- Place roofing material on a non-abrasive surface before and after assembly as it can bend, dent and scratch easily.
- The roofing screws can easily crush the roof panels and roof edges when using a power drill. We recommend hand tightening the roofing screws so they sit snug and tight to the roofing material.

Permanent Installation Examples

Note: It is critically important you start with square, solid and level footings, concrete pad or deck to attach your Pergola Room.

We supply Post Mounts with this structure which gives you the flexibility to permanently install your structure to a pre-existing or new wood or concrete surface.

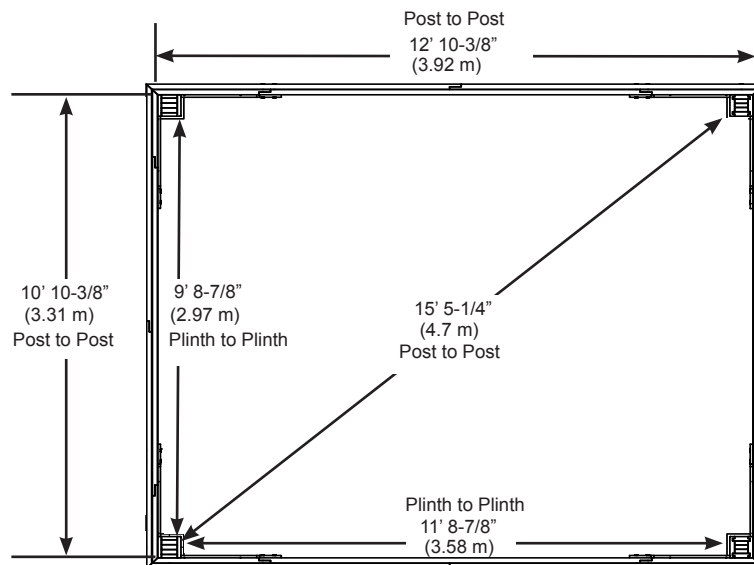
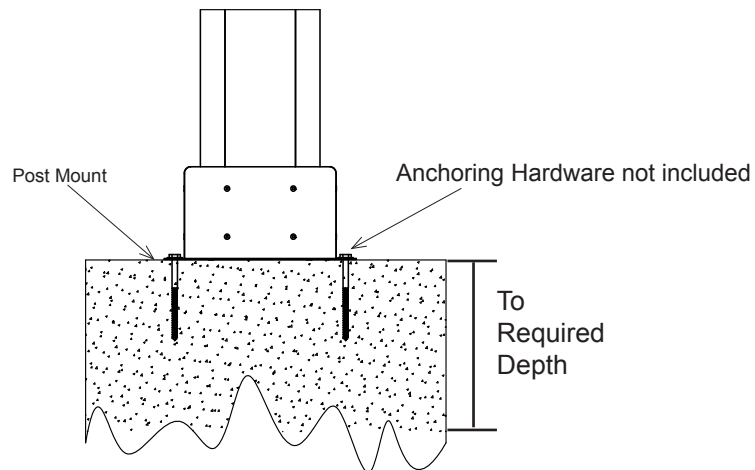
- The hardware to attach the Post Mount to the structure is included.
- The hardware to mount the structure permanently will need to be purchased separately at your local hardware store.

If you are mounting to concrete footers see below for the correct locations and placement. Please double check for possibility of any underground utilities such as gas, telephone, cable or sprinkler lines.

Following are some examples of how to mount the structure to wood or concrete surfaces.

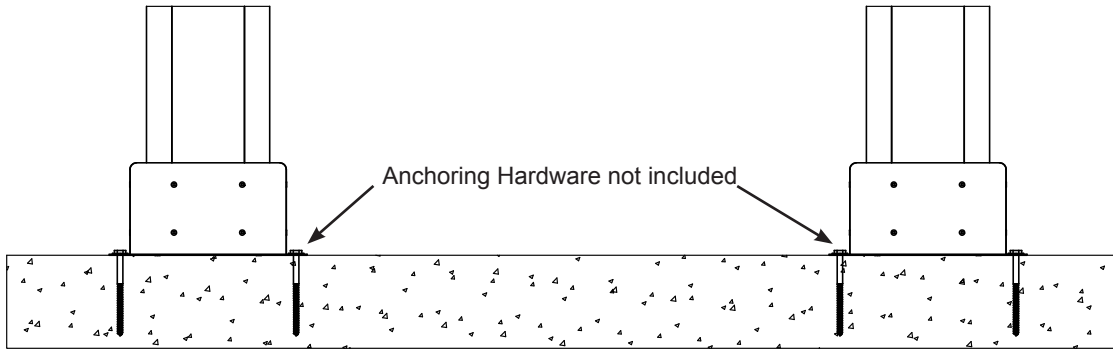
Refer to your local building and city codes, ordinances, neighbourhood covenants, or height restrictions regarding this type of structure for guidance on acceptable installation requirements.

Concrete Footer

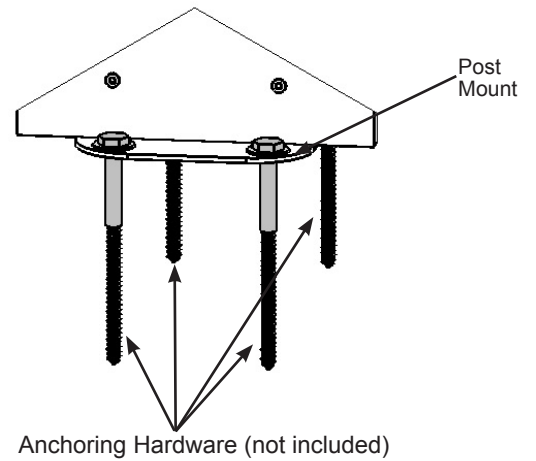
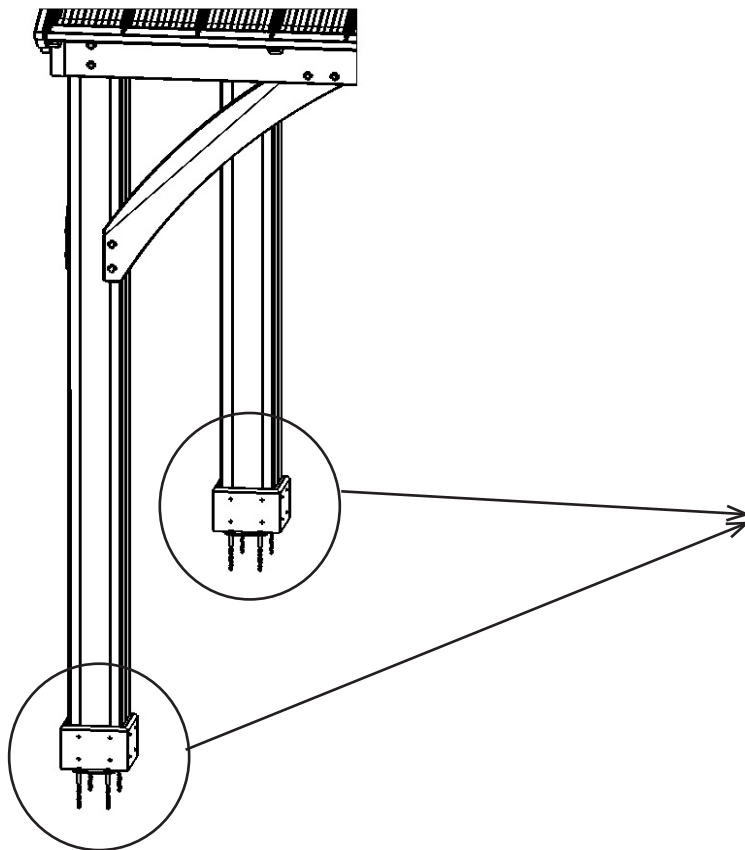


Permanent Installation Examples cont.

Concrete Patio [min. 11' 11" x 13' 11" (3.63 m x 4.24 m)] with 6" (1.83 m) clearance on all sides



Wood Deck [min. 11' 11" x 13' 11" (3.63 m x 4.24 m)] with 6" (1.83 m) clearance on all sides



Post Mounts have a 1/2" diameter hole for anchoring hardware.

Part Identification (Dimensions are approximate and are shown to assist in the identification of parts for assembly. Actual dimensions may be smaller or larger.)

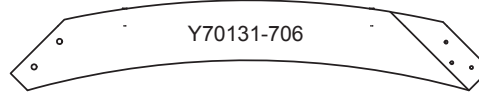
152.4 x 152.4 x 2336.8mm (6 x 6 x 92")
4pc. (696) - M Post



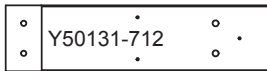
19.1 x 133.4 x 190.5mm (3/4 x 5-1/4 x 7-1/2")
16pc. (422) - Plinth



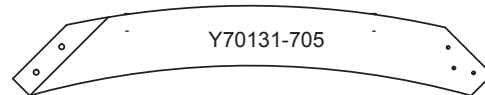
34.9 x 190.5 x 1015mm (1-3/8 x 7-1/2 x 40")
4pc. (706) - Gusset Left



38.1 x 139.7 x 558.6mm (1-1/2 x 5-1/2 x 22")
4pc. (712) - Beam Short End



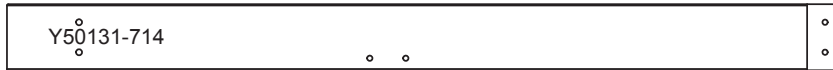
34.9 x 190.5 x 1015mm (1-3/8 x 7-1/2 x 40")
4pc. (705) - Gusset Right



38.1 x 139.7 x 1769.7mm (1-1/2 x 5-1/2 x 69-11/16")
2pc. (715) - Beam Short Right



38.1 x 139.7 x 1769.7mm (1-1/2 x 5-1/2 x 69-11/16")
2pc. (714) - Beam Short Left



38.1 x 139.7 x 2422.1mm (1-1/2 x 5-1/2 x 95-3/8")
2pc. (713) - Beam Short Centre



38.1 x 139.7 x 2587.5mm (1-1/2 x 5-1/2 x 101-7/8")
2pc. (723) - Beam Long Centre



38.1 x 139.7 x 2074.4mm (1-1/2 x 5-1/2 x 81-11/16")
2pc. (721) - Beam Long Left



38.1 x 139.7 x 780.6mm (1-1/2 x 5-1/2 x 30-3/4")
4pc. (724) - Beam Long End

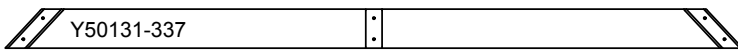


38.1 x 139.7 x 2074.4mm (1-1/2 x 5-1/2 x 81-11/16")
2pc. (722) - Beam Long Right

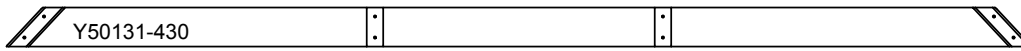


Part Identification (Dimensions are approximate and are shown to assist in the identification of parts for assembly. Actual dimensions may be smaller or larger.)

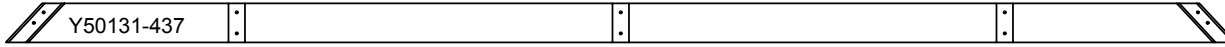
31.8 x 82.6 x 1561.3mm (1-1/4 x 3-1/4 x 61-7/16")
2pc. (337) - Strap Short



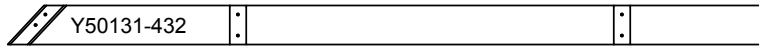
31.8 x 82.6 x 2170.9mm (1-1/4 x 3-1/4 x 85-7/16")
2pc. (430) - Strap Short - Large Roof



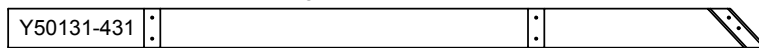
31.8 x 82.6 x 2603.5mm (1-1/4 x 3-1/4 x 102-1/2")
2pc. (437) - Strap



31.8 x 82.6 x 1605.6mm (1-1/4 x 3-1/4 x 63-3/16")
2pc. (432) - Strap Right - Large Roof



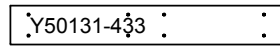
31.8 x 82.6 x 1605.6mm (1-1/4 x 3-1/4 x 63-3/16")
2pc. (431) - Strap Left - Large Roof



31.8 x 88.9 x 2336.8mm (1-1/4 x 3-1/2 x 92")
2pc. (461) - Tie



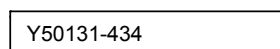
31.8 x 82.6 x 574.7mm (1-1/4 x 3-1/4 x 22-5/8")
2pc. (433) - Strap Brace



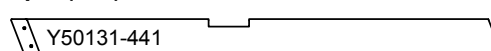
38.1 x 82.6 x 2157.7mm (1-1/2 x 3-1/4 x 84-15/16")
2pc. (436) - Fascia Right - Large Roof



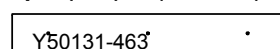
31.8 x 93.8 x 577.9mm (1-1/4 x 3-11/16 x 22-3/4")
2pc. (434) - Top



31.8 x 76.2 x 1040.2mm (1-1/4 x 3 x 40-15/16")
4pc. (441) - Rafter Short Left



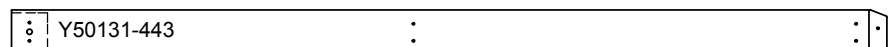
31.8 x 81.6 x 574.7mm (1-1/4 x 3-3/16 x 22-5/8")
1pc. (463) - Spacer Top



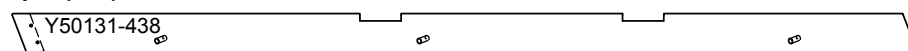
31.8 x 76.2 x 1040.2mm (1-1/4 x 3 x 40-15/16")
4pc. (442) - Rafter Short Right



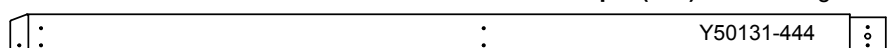
38.1 x 82.6 x 1853mm (1-1/2 x 3-1/4 x 72-15/16")
2pc. (443) - Fascia Left



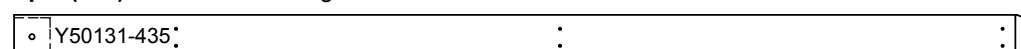
25.4 x 88.9 x 2601.9mm (1 x 3-1/2 x 102-7/16")
4pc. (438) - Rafter Corner Left



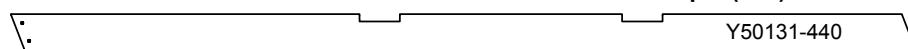
38.1 x 82.6 x 1853mm (1-1/2 x 3-1/4 x 72-15/16")
2pc. (444) - Fascia Right



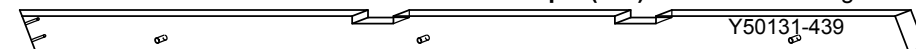
38.1 x 82.6 x 2157.7mm (1-1/2 x 3-1/4 x 84-15/16")
2pc. (435) - Fascia Left - Large Roof



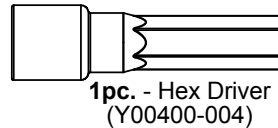
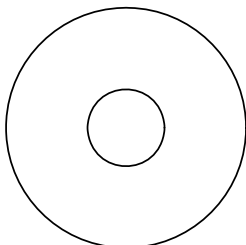
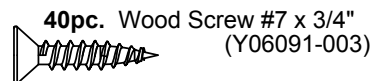
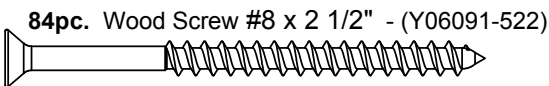
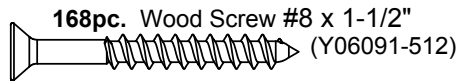
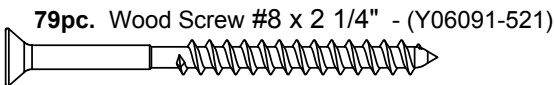
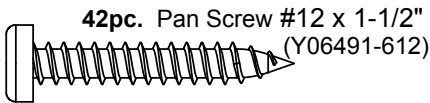
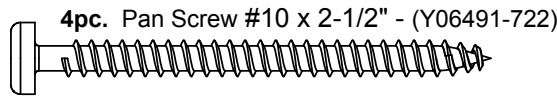
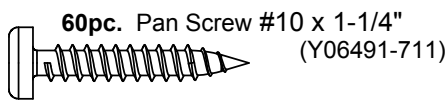
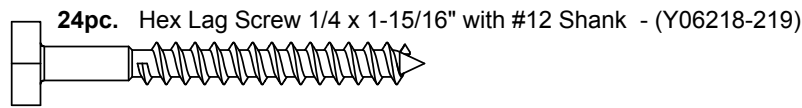
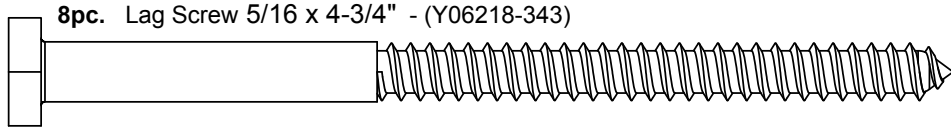
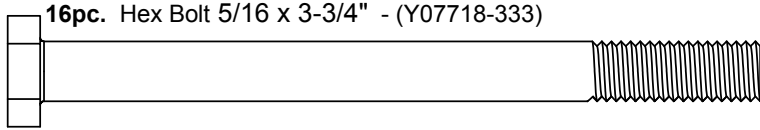
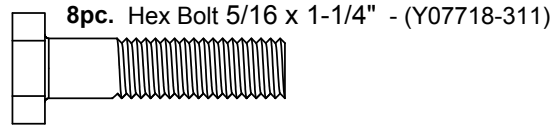
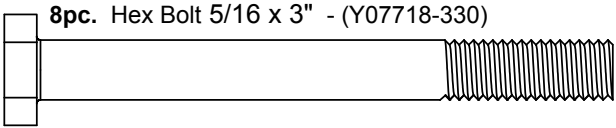
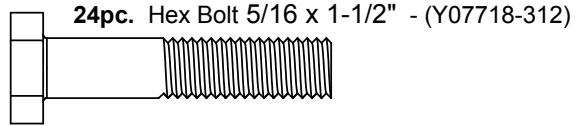
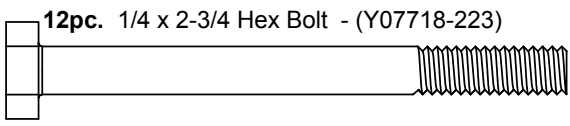
31.8 x 76.2 x 1915.4mm (1-1/4 x 3 x 75-3/8")
6pc. (440) - Rafter



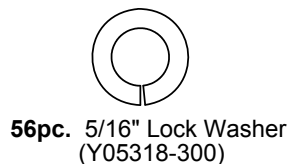
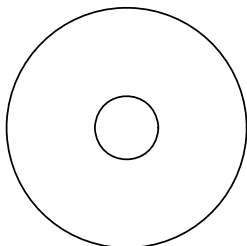
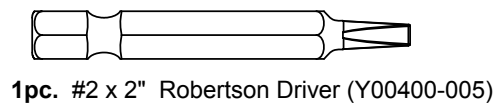
25.4 x 88.9 x 2601.9mm (1 x 3-1/2 x 102-7/16")
4pc. (439) - Rafter Corner Right



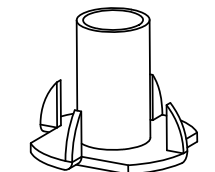
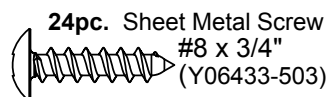
Hardware Identification (Dimensions are approximate and are shown to assist in the identification of parts for assembly. Actual dimensions may be smaller or larger.)



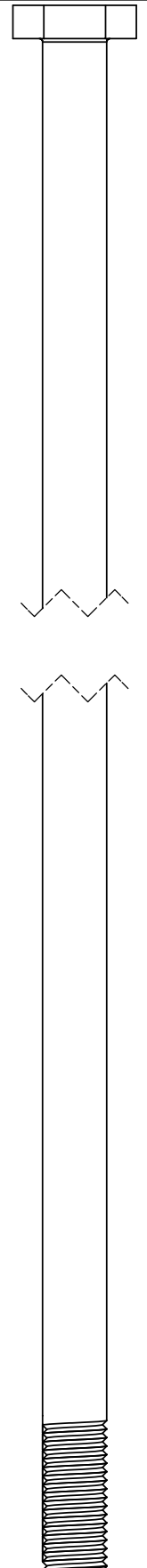
16pc.
3/8 x 1-1/4" Large Washer
(Y05118-811)



112pc.
1/4-5/16 x 1-1/4" Large Washer
(Y05118-311)



56pc. 5/16 - T-Nut
(Y08518-300)

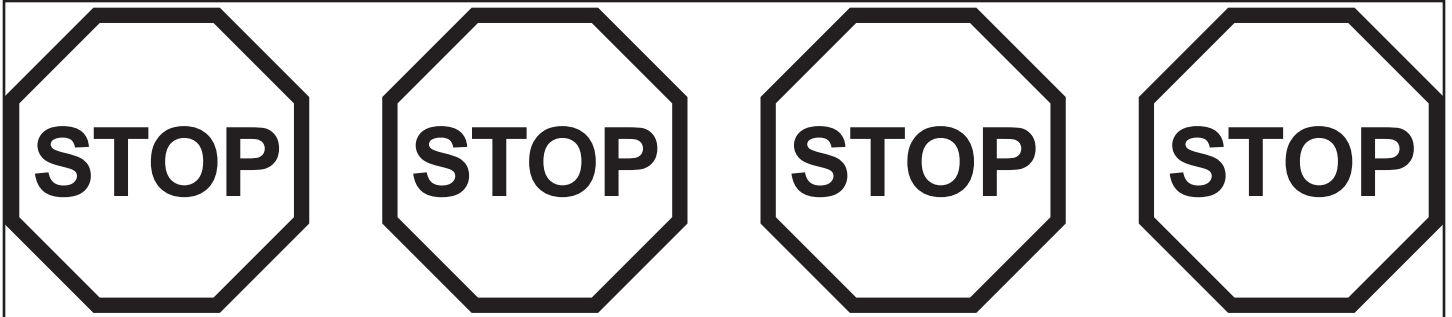


8pc. Hex Bolt
3/8 x 9-1/2"
(Y07718-892)

Hardware Identification (Dimensions are approximate and are shown to assist in the identification of parts for assembly. Actual dimensions may be smaller or larger.)

<p>4pc. - Short Panel Left (Y01033-126)</p> <p>4pc. - Long Panel Left (Y01033-127)</p>	<p>2pc. - Middle Panel (Y01033-130)</p>	<p>4pc. - Long Panel Right (Y01033-129)</p> <p>4pc. - Short Panel Right (Y01033-128)</p>	<p>4pc. Ridge Cap Short 25.2 (Y01033-132)</p> <p>4pc. Ridge Cap Long 81.5 (Y01033-131)</p>
<p>4pc. Roof Edge Left 72.2 - (Y01033-134)</p> <p>2pc. Roof Edge Right 72.2 - (Y01033-135)</p> <p>2pc. Roof Edge Right 96.2 - (Y01033-136)</p> <p>8pc. Ridge Clip 102.5 - (Y01033-133)</p> <p>2pc. Long Beam Insert - (Y00429-234)</p>	<p>1pc. - Roof Panel Set (Y70833-138)</p>	<p>2pc. Peak Post (Y01000-094)</p>	<p>1pc. Peak Cap Long (Y01033-137)</p>
<p>1pc. Tie Wrap Bracket (4Pk) (Y70829-106)</p> <p>1pc. - Corner Cap Set (4Pk) (Y70833-103)</p> <p>1pc. - Gazebo ID Plaque (Y70800-104)</p> <p>2pc. - 50mm Hook (Y00418-050)</p> <p>1pc. - Post Mount Set (8Pk) (Y70819-109)</p>	<p>1pc. - Roof To Beam Bracket Set (14Pk) (Y70829-123)</p> <p>1pc. - Roof To Post Bracket Set (4Pk) (Y70829-070)</p>	<p>2pc. Carriage Bolt (Y07428-260)</p> <p>2pc. Spring Clip (Y09490-001)</p> <p>1pc. 1/4" Eye Lag (Y00218-001)</p> <p>2pc. 1/4" Nut (Y08490-200)</p> <p>2pc. Peak Loop (Y20018-003)</p> <p>1pc. - Roof Peak Set (Y70829-125)</p> <p>4pc. Roof Peak Bracket (Y00429-125)</p> <p>2pc. Contoured Washer (Y05918-211)</p>	

Step 1: Inventory Parts - Read This Before Starting Assembly



- A.** This is the time for you to inventory all your hardware, wood and accessories, referencing the parts identification sheets. This will assist you with your assembly.
- Each step indicates which bolts and/or screws you will need for assembly, as well as any flat washers, lock washers, t-nuts or lock nuts.
- B.** If there are any missing or damaged pieces or you need assistance with assembly please contact the consumer relations department directly. Call us before going back to the store.

1-888-509-4382
support@yardistrystructures.com

- C.** Read the assembly manual completely, paying special attention to ANSI warnings; notes; and safety/maintenance information on pages 1 - 4.
- Follow the instructions in order.
 - This structure is designed to be assembled and installed ideally by four people, DO NOT attempt to install alone.
 - Consider the slope of elevation where you plan to install the structure. Also, check for gas, telephone, other utilities or sprinkler line locations prior to excavating any holes.
- D.** Before you discard your cartons fill out the form below.
- The carton I.D. stamp is located on the end of each carton.
 - Please retain this information for future reference. You will need this information if you contact the Consumer Relations Department.

PRODUCT NUMBER: YM11772

CARTON I.D. STAMP: _ _ _ _ _ (Box 1)

CARTON I.D. STAMP: _ _ _ _ _ (Box 2)

CARTON I.D. STAMP: _ _ _ _ _ (Box 3)

Step 2: Post Assemblies

A: At the bottom of four (696) M Posts insert two 5/16" T-Nuts as shown in fig. 2.1 and 2.2.

B: At the bottom of each (696) M Post place two Post Mounts tight to the bottom and inside faces as shown in fig. 2.1 and 2.2. Loosely attach with one 5/16 x 1-1/4" Hex Bolt (with 5/16" lock washer and 1/4-5/16" large washer) per mount so they connect to the T-Nuts.

C: On each side of the Posts, place one (422) Plinth flush to the bottom and attach with four #8 x 1-1/2" Wood Screws per plinth. Rounded edges on top. (fig. 2.1 and 2.3)

D: From the bottom of each Post Mount attach to posts with two #8 x 1-1/2" Wood Screws per mount and then from the inside with two #10 x 1-1/4" Pan Screws per mount. These screws are installed at a slight angle. Tighten all bolts. There will be four M Post Assemblies. (fig. 2.4)

Fig. 2.1

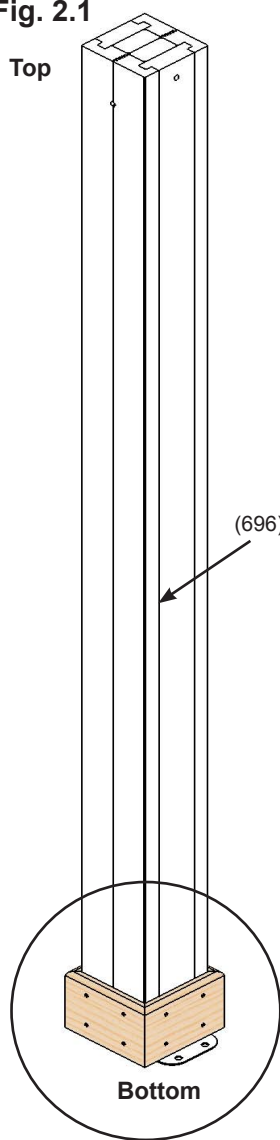


Fig. 2.2

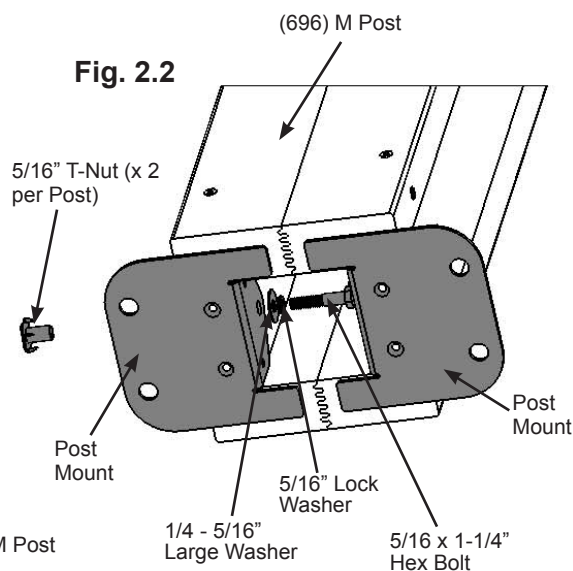


Fig. 2.3

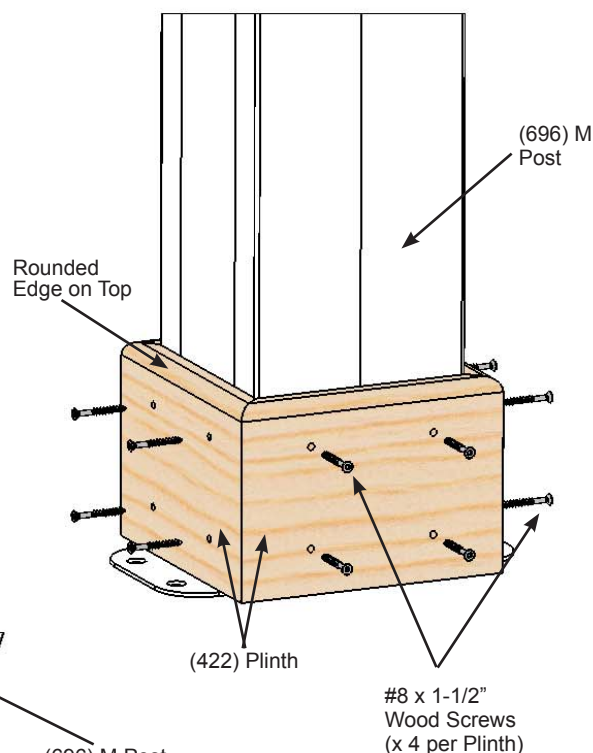
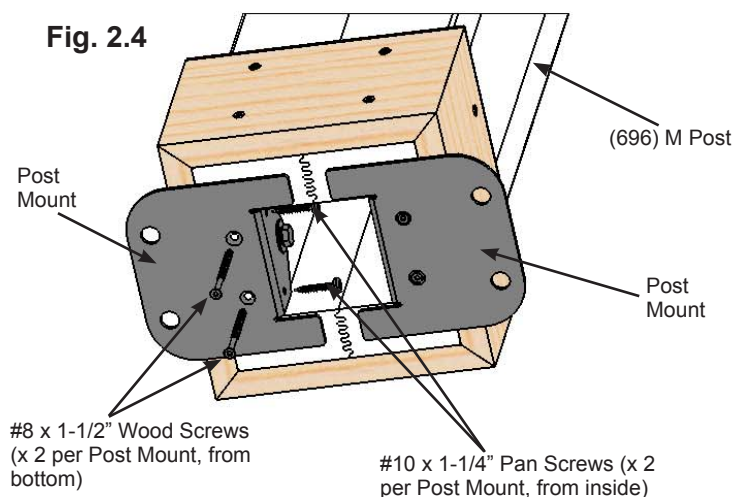


Fig. 2.4



Wood Parts

4 x (696) M Post
16 x (422) Plinth

Hardware

16 x #10 x 1-1/4" Pan Screw
80 x #8 x 1-1/2" Wood Screw
8 x Post Mount

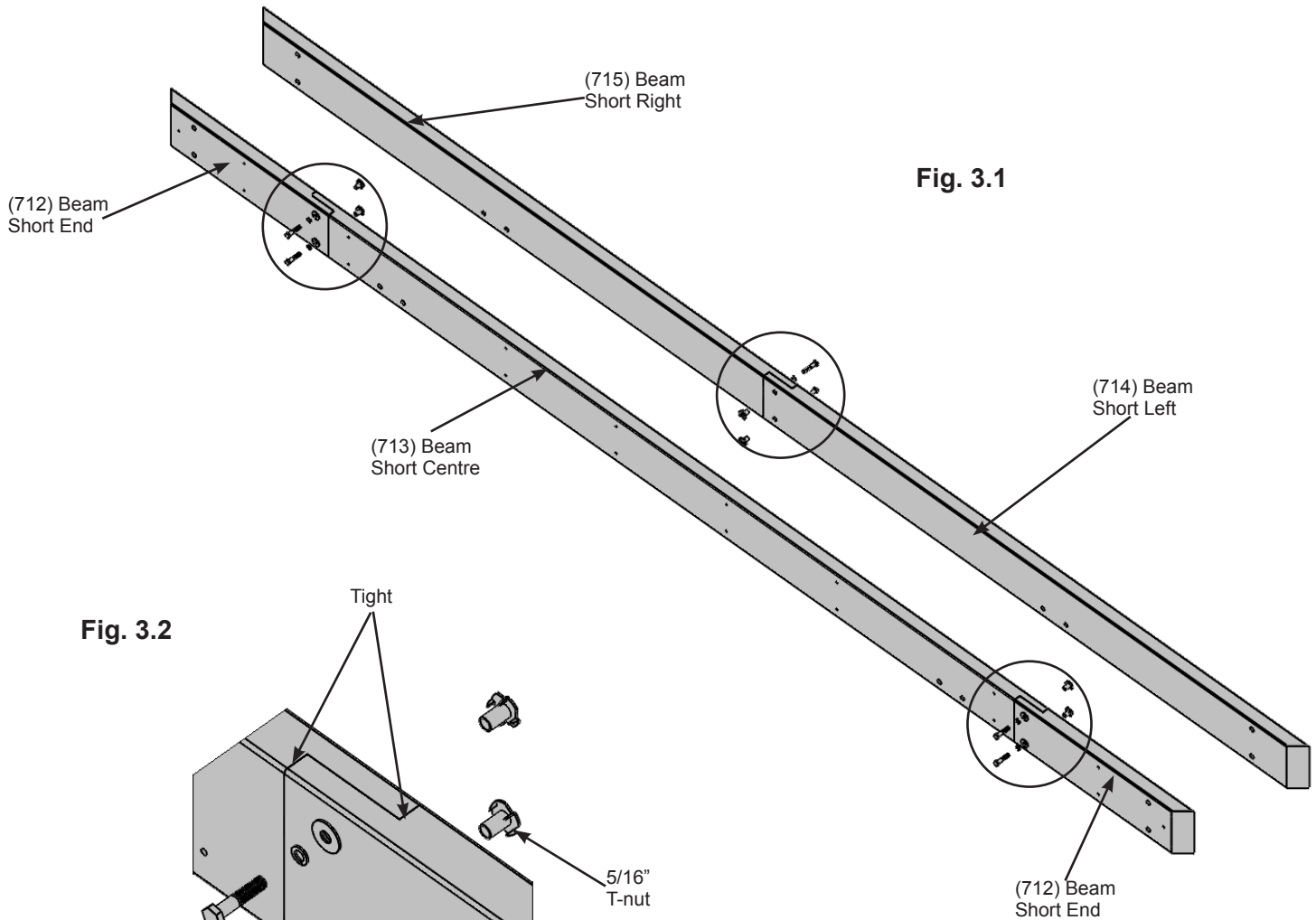
8 x 5/16" T-Nut
8 x 5/16 x 1-1/4" Hex Bolt (with 5/16" lock washer, 1/4-5/16" large washer)

Step 3: Short Beam Assembly Part 1

A: Connect one (714) Beam Short Left and one (715) Beam Short Right using two 5/16 x 1-1/2" Hex Bolts (with 5/16" lock washer, 1/4-5/16" large washer and 5/16" t-nut) as shown in fig. 3.1 and 3.2.

B: Connect one (712) Beam Short End to each end of one (713) Beam Short Centre using two 5/16 x 1-1/2" Hex Bolts (with 5/16" lock washer, 1/4-5/16" large washer and 5/16" t-nut) per end as shown in fig. 3.1 and 3.2.

C: Repeat Steps A and B one more time to make two Short Beam L-R Assemblies and two Short Beam End Assemblies.



Make sure bolt heads are on the outside of each Beam Assembly

Wood Parts

- 4 x (712) Beam Short End
- 2 x (713) Beam Short Centre
- 2 x (714) Beam Short Left
- 2 x (715) Beam Short Right

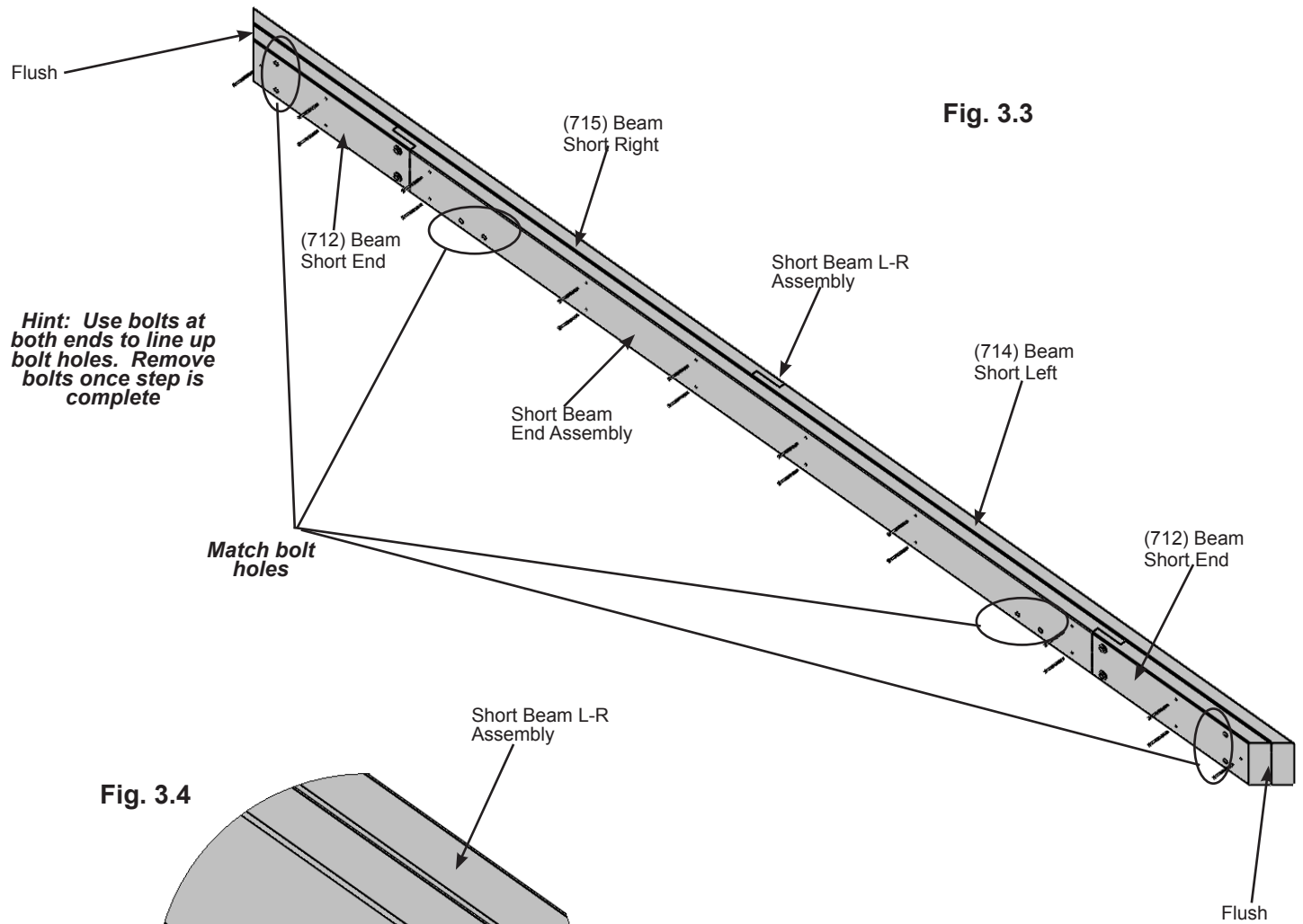
Hardware

- 12 x 5/16 x 1-1/2" Hex Bolt
(5/16" lock washer, 1/4-5/16" large washer, 5/16" t-nut)

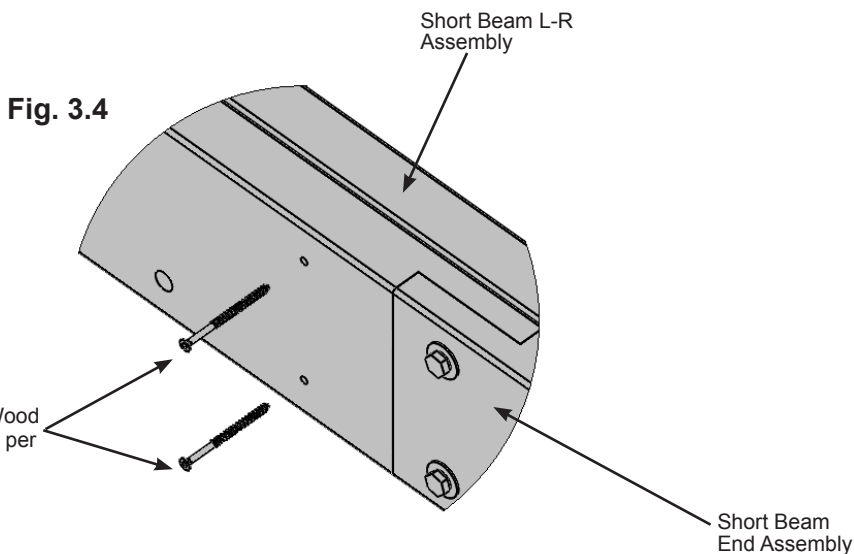
Step 3: Short Beam Assembly Part 2

D: Place one Short Beam L-R Assembly tight to one Short Beam End Assembly so the ends are flush. Match the bolt holes in each (712) Beam Short End with the bolt holes in (714) Beam Short Left and (715) Beam Short Right. Attach with 18 #8 x 2-1/2" Wood Screws. (fig. 3.3 and 3.4)

E: Repeat Step D one more time to make two Short Beam Assemblies.



Hint: Use bolts at both ends to line up bolt holes. Remove bolts once step is complete



Hardware

36 x #8 x 2-1/2" Wood Screw

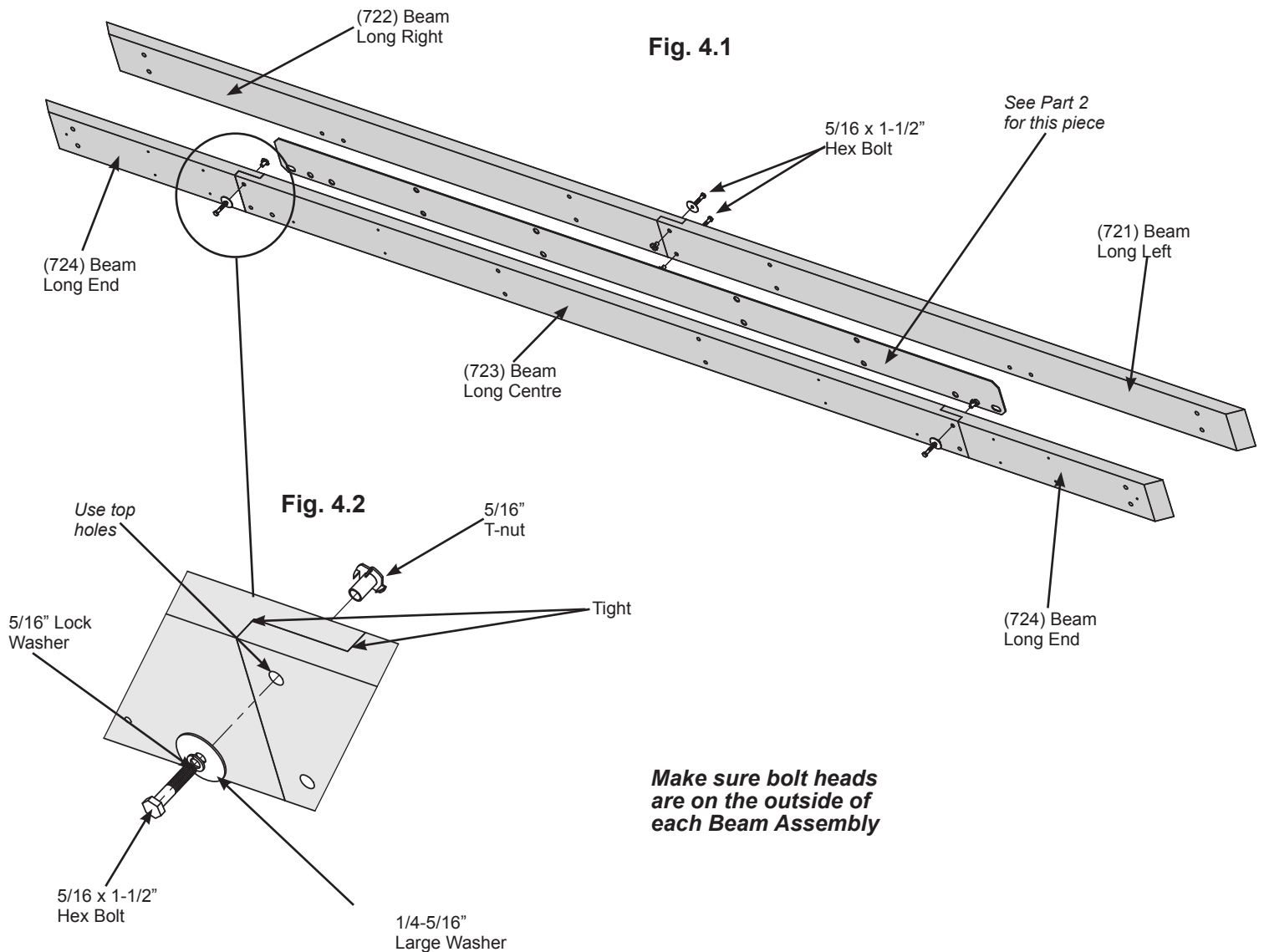
Step 4: Long Beam Assembly

Part 1

A: Connect one (721) Beam Long Left and one (722) Beam Long Right using two 5/16 x 1-1/2" Hex Bolts (with 5/16" lock washer, 1/4-5/16" large washer and 5/16" t-nut) as shown in fig. 4.1 and 4.2.

B: Connect one (724) Beam Long End to each end of one (723) Beam Long Centre using one 5/16 x 1-1/2" Hex Bolt (with 5/16" lock washer, 1/4-5/16" large washer and 5/16" t-nut) in the top holes per end as shown in fig. 4.1 and 4.2.

C: Repeat Steps A and B one more time to make two Long Beam L-R Assemblies and two Long Beam End Assemblies.



Wood Parts

- 4 x (724) Beam Long End
- 2 x (723) Beam Long Centre
- 2 x (721) Beam Long Left
- 2 x (722) Beam Long Right

Hardware

- 8 x 5/16 x 1-1/2" Hex Bolt
(5/16" lock washer, 1/4-5/16" large washer, 5/16" t-nut)

Step 4: Long Beam Assembly Part 2

D: Place one Long Beam Insert in between one Long Beam L-R Assembly and one Long Beam End Assembly then fit tight together so the beam assembly ends are flush. Match the bolt holes and wood screw pilot holes in both beam assemblies and Long Beam Insert. (fig. 4.3, 4.4 and 4.5)

E: Attach beam assemblies and Long Beam Insert together with four 5/16 x 3" Hex Bolts (with 5/16" lock washer, 1/4-5/16" large washer and 5/16" t-nut) and 16 #8 x 2-1/2" Wood Screws. (fig. 4.5, 4.6 and 4.7)

F: Repeat Step D-E make a second Long Beam Assembly.

Fig. 4.3

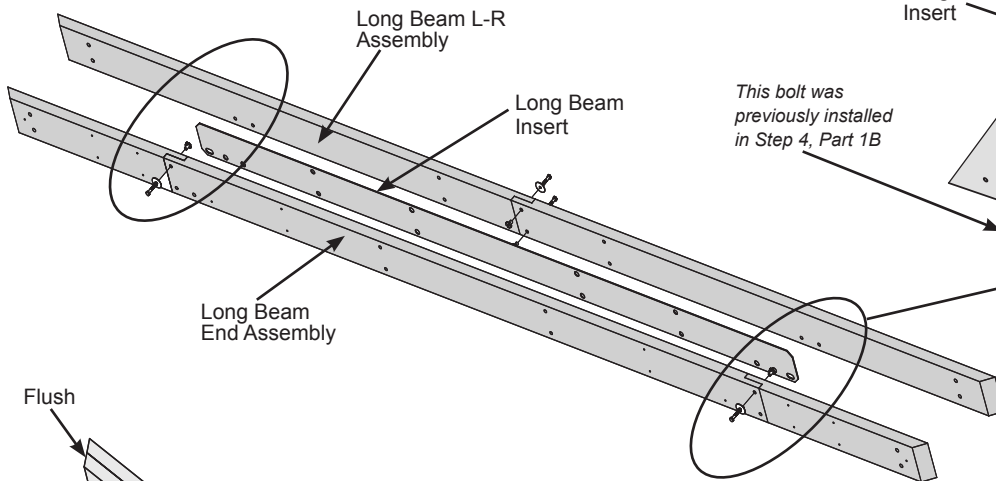


Fig. 4.4

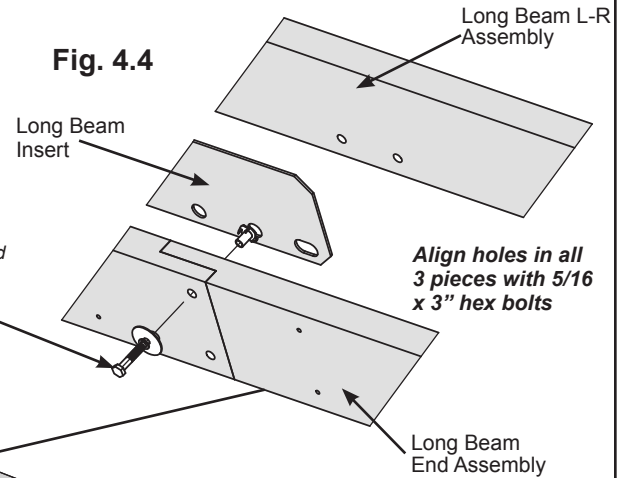


Fig. 4.5

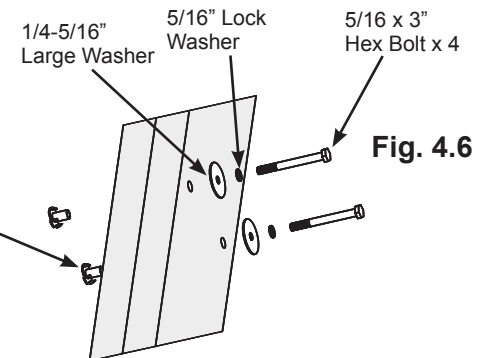
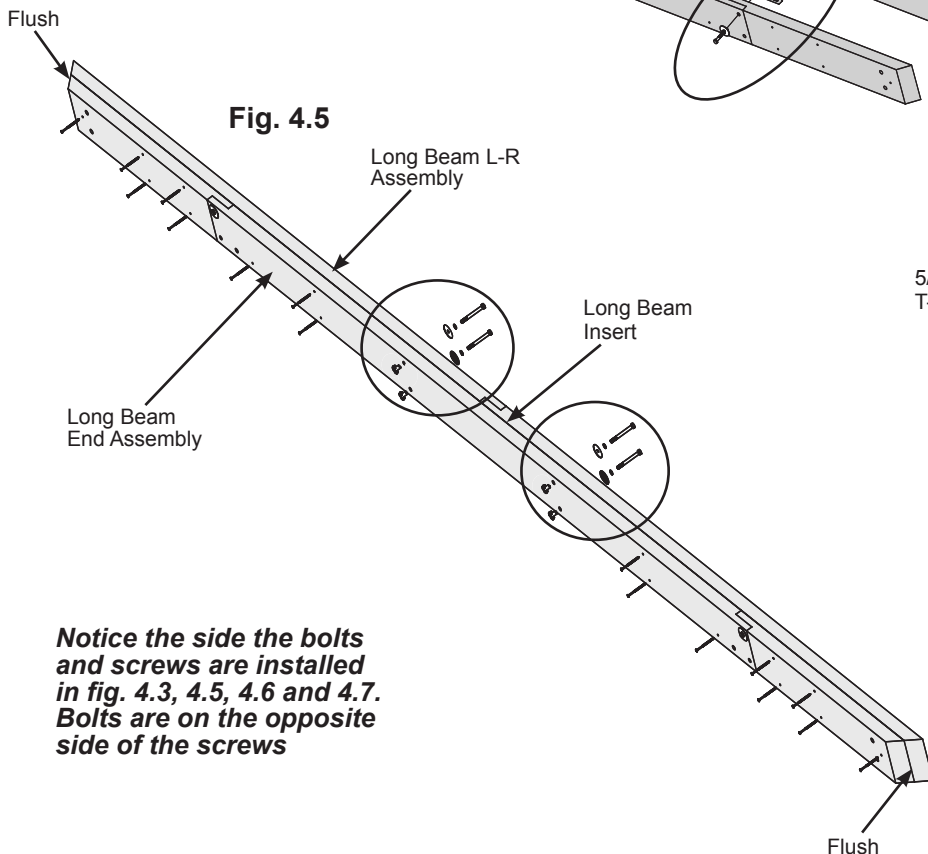
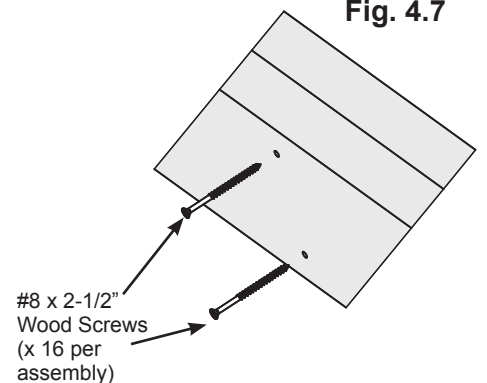


Fig. 4.7



Components:

2 x Long Beam Insert

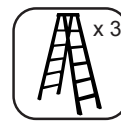
Hardware

32 x #8 x 2-1/2" Wood Screw

8 x 5/16 x 3" Hex Bolt

(5/16" lock washer, 1/4-5/16" large washer, 5/16" t-nut)

Step 5: Frame Assembly and Anchoring Part 1



A: Move your Post Assemblies to the final location. Make sure the ground is flat and level before continuing assembly.

B: With one person at each Post stand two complete Post Assemblies. A third person places one Long Beam Assembly against the outside of two Posts, flush to the tops and outside corners. Notice bolt hole orientation on the Long Beam Assembly and the long side of the Post Assembly is along the Long Beam Assembly. A fourth person attaches Beam to Post with one 3/8 x 9-1/2" Hex Bolt (with two 3/8" large washers and one 3/8" lock nut) per Post. The distance from the outside of one Post to the outside of the second Post should be 12' 10-3/8" (3.92 m). (fig. 5.1, 5.2 and 5.3)

C: Place one Short Beam Assembly against the outside of two Posts, flush to the tops and outside corners and tight to Long Beam Assembly. Notice bolt hole orientation on the Short Beam Assembly and the short side of the Post Assembly is along the Short Beam Assembly. Attach Beam to Post with one 3/8 x 9-1/2" Hex Bolt (with two 3/8" large washers and one 3/8" lock nut) per Post. The distance from the outside of one Post to the outside of the second Post should be 10' 10-3/8" (3.31 m). Continue until all four Beam Assemblies are attached and the corners are tight together. (fig. 5.1 and 5.2) See fig. 5.3 for accurate positioning of Posts.

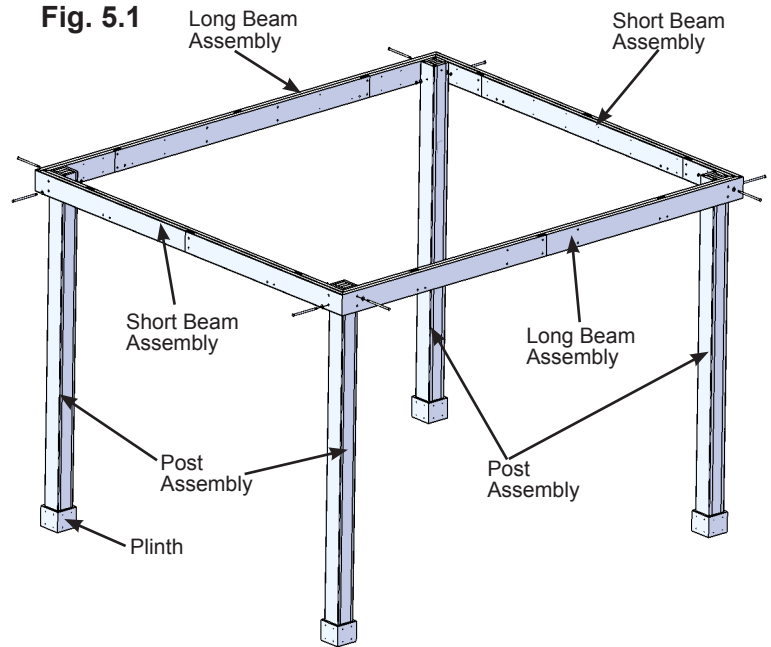


Fig. 5.1

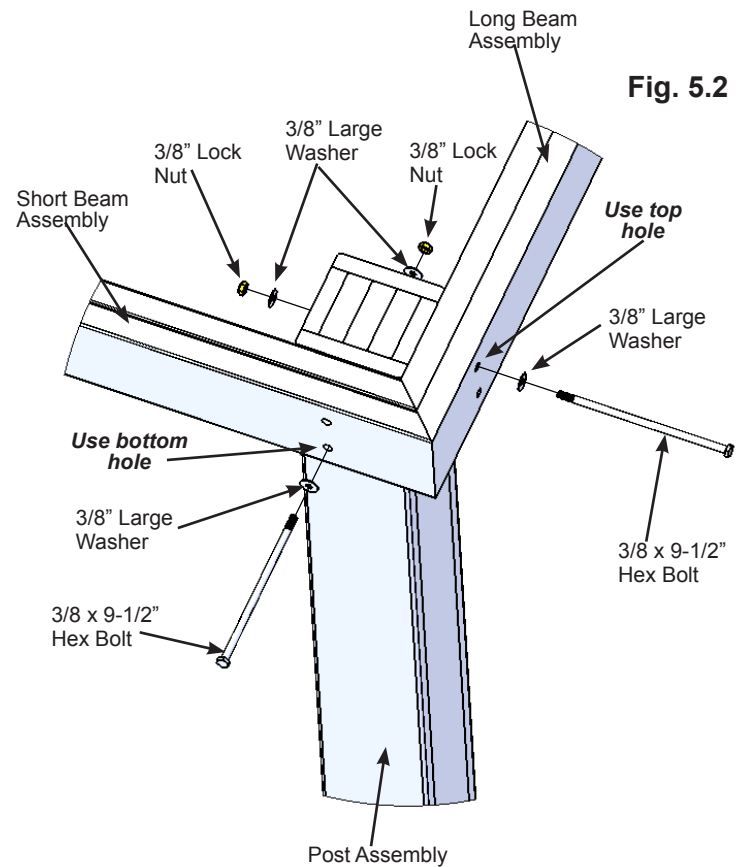


Fig. 5.2

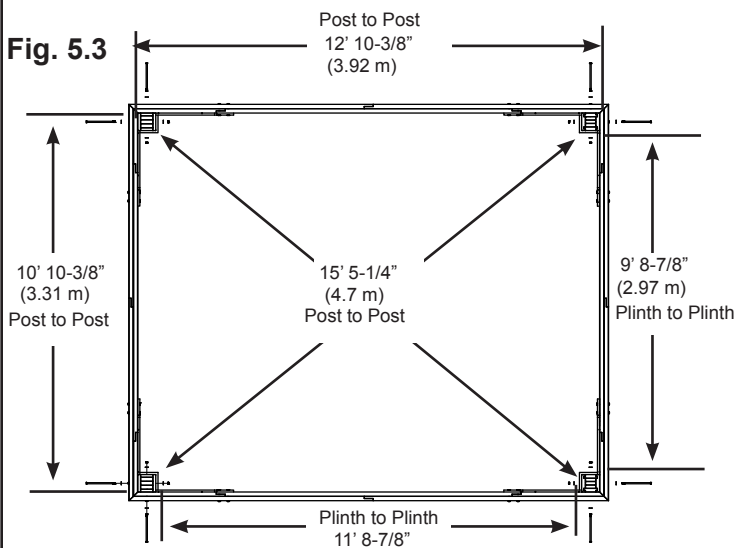


Fig. 5.3

Hardware

8 x 3/8 x 9-1/2" Hex Bolt (3/8" large washer x 2, 3/8" lock nut)

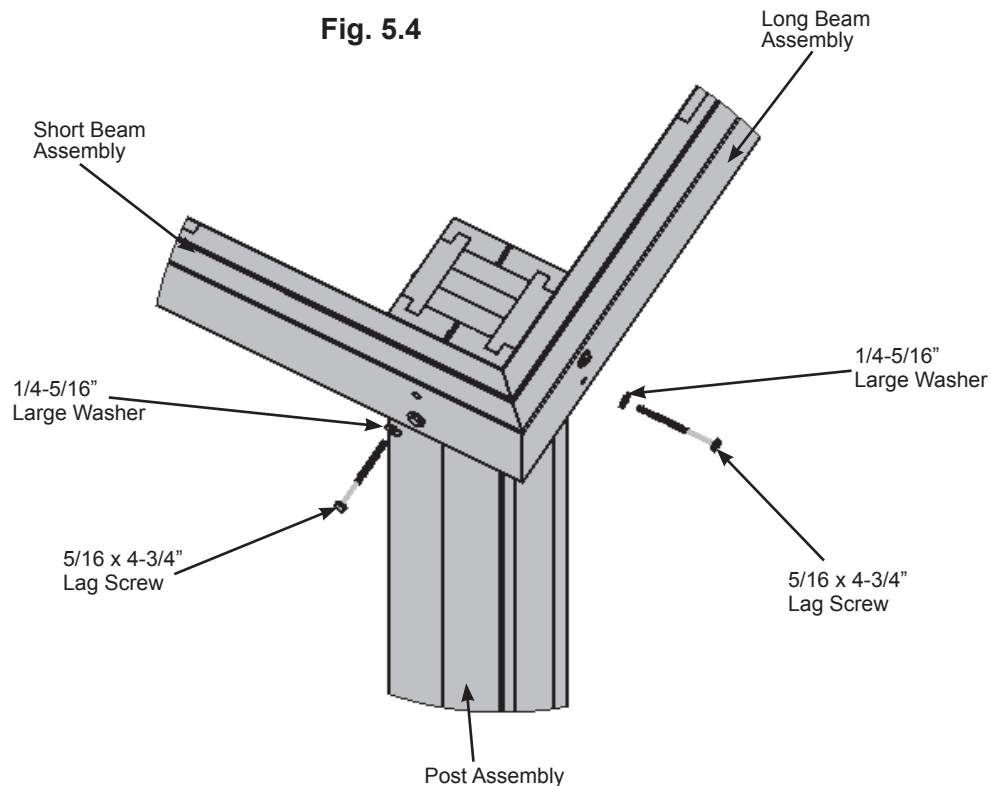
Step 5: Frame Assembly and Anchoring Part 2



D: Make sure each corner is square and level then attach Beam Assemblies to Post Assemblies with two 5/16 x 4-3/4" Lag Screws (with 1/4-5/16" large washer) per corner. (fig. 5.4)

E: Depending on what you are placing the Gazebo on will determine how you anchor it to that surface. Please refer to pages 6 and 7 for installation examples.

Any hardware or extra materials for mounting will have to be purchased in advance.



Hardware

8 x 5/16 x 4-3/4" Lag Screw (1/4-5/16" large washer)

Step 6: Attach Gussets and Roof Brackets



Note: The bevelled ends on each gusset should always face away from the wood it is attaching to.

A: Make sure the assembly is still square and level then facing one Long or Short Beam Assembly place one (705) Gusset Right on the right hand side so the top fits tight to the Beam Assembly and the bottom fits tight to the Post Assembly. Attach gusset to Beam Assembly with two 5/16 x 3-3/4" Hex Bolts (with 5/16" lock washer, 1/4-5/16" large washer and 5/16" t-nut). Pre-drill with a 1/8" drill bit then attach gusset to Post Assembly with three 1/4 x 1-15/16" Hex Lags (with 1/4-5/16" large washer). (fig. 6.1, 6.2 and 6.3)

B: Repeat Step A on the left hand side with one (706) Gusset Left. (fig. 6.1, 6.2 and 6.3)

C: Repeat Steps A and B for each Beam Assembly/Post Assembly. (fig. 6.1, 6.2 and 6.3)

D: At each corner, tight to the outside edges of the joining Beam Assemblies attach one Roof to Post Bracket with two #10 x 1-1/4" Pan Screws. (fig. 6.3 and 6.4)

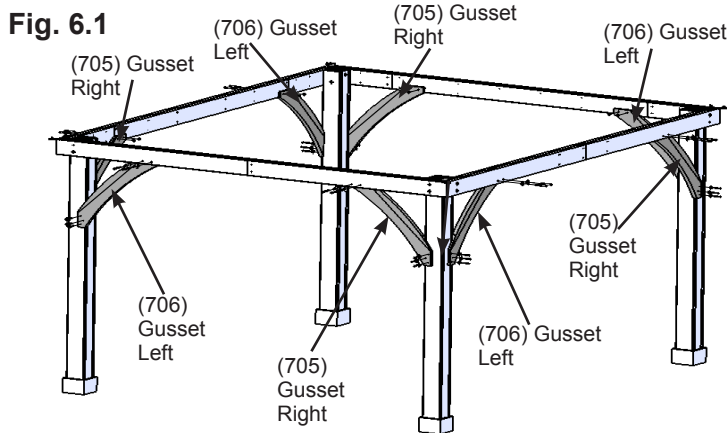


Fig. 6.2

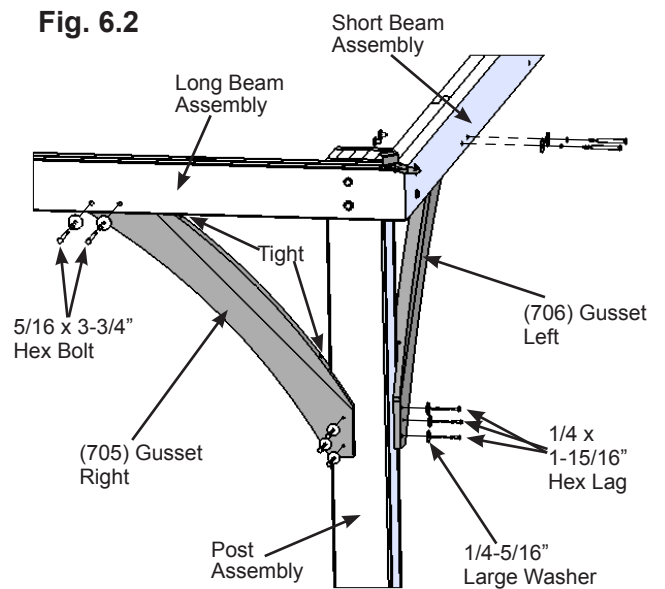


Fig. 6.3

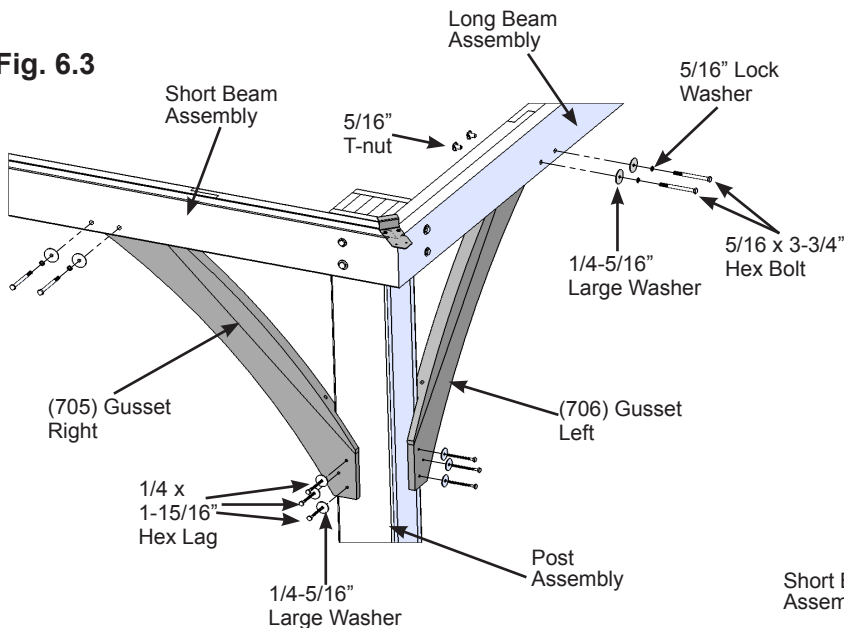
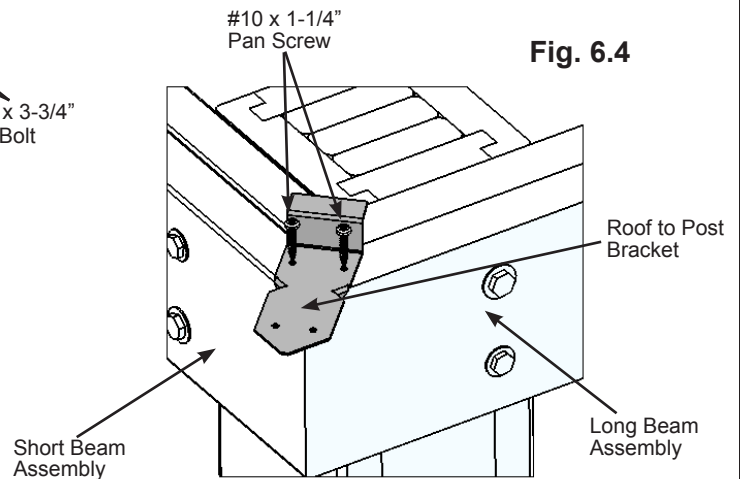


Fig. 6.4



Wood Parts

- 4 x (705) Gusset Right
- 4 x (706) Gusset Left

Hardware

- 24 x 1/4 x 1-15/16" Hex Lag (1/4-5/16" large washer)
- 16 x 5/16 x 3-3/4" Hex Bolt (5/16" lock washer, 1/4-5/16" large washer, 5/16" t-nut)
- 8 x #10 x 1-1/4" Pan Screw
- 4 x Roof to Post Bracket

Step 7: Fascia Beam Assemblies

A: Tightly connect one (443) Fascia Left and one (444) Fascia Right using one 5/16 x 1-1/2" Hex Bolt (with 5/16" lock washer, 1/4-5/16" large washer and 5/16" t-nut) as shown in fig. 7.1 and 7.2. Repeat to make a second Fascia Beam Assembly.

B: Tightly connect one (435) Fascia Left - Large Roof and one (436) Fascia Right - Large Roof using one 5/16 x 1-1/2" Hex Bolt (with 5/16" lock washer, 1/4-5/16" large washer and 5/16" t-nut) as shown in fig. 7.3 and 7.4. Repeat to make a second Large Fascia Beam Assembly.

Fig. 7.1

(443) Fascia Left

Fig. 7.2

Tight

5/16" T-nut

5/16 x 1-1/2" Hex Bolt

5/16" Lock Washer

1/4-5/16" Large Washer

(444) Fascia Right

Fig. 7.3

(435) Fascia Left - Large Roof

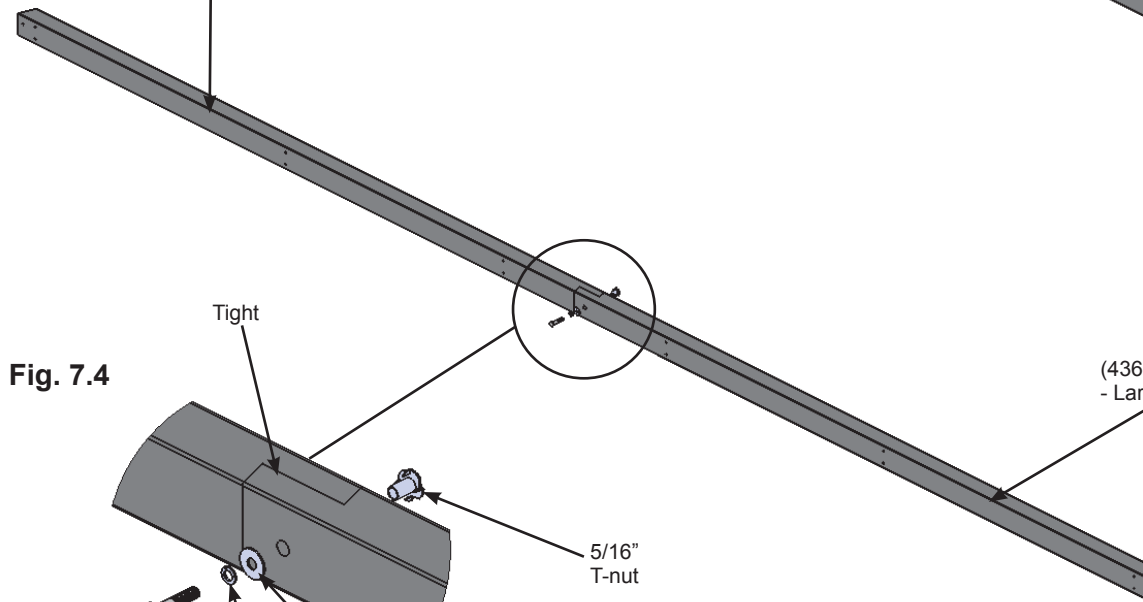


Fig. 7.4

Tight

(436) Fascia Right - Large Roof

5/16" T-nut

5/16 x 1-1/2" Hex Bolt

5/16" Lock Washer

1/4-5/16" Large Washer

Wood Parts

- 2 x (443) Fascia Left
- 2 x (444) Fascia Right
- 2 x (435) Fascia Left - Large Roof
- 2 x (436) Fascia Right - Large Roof

Hardware

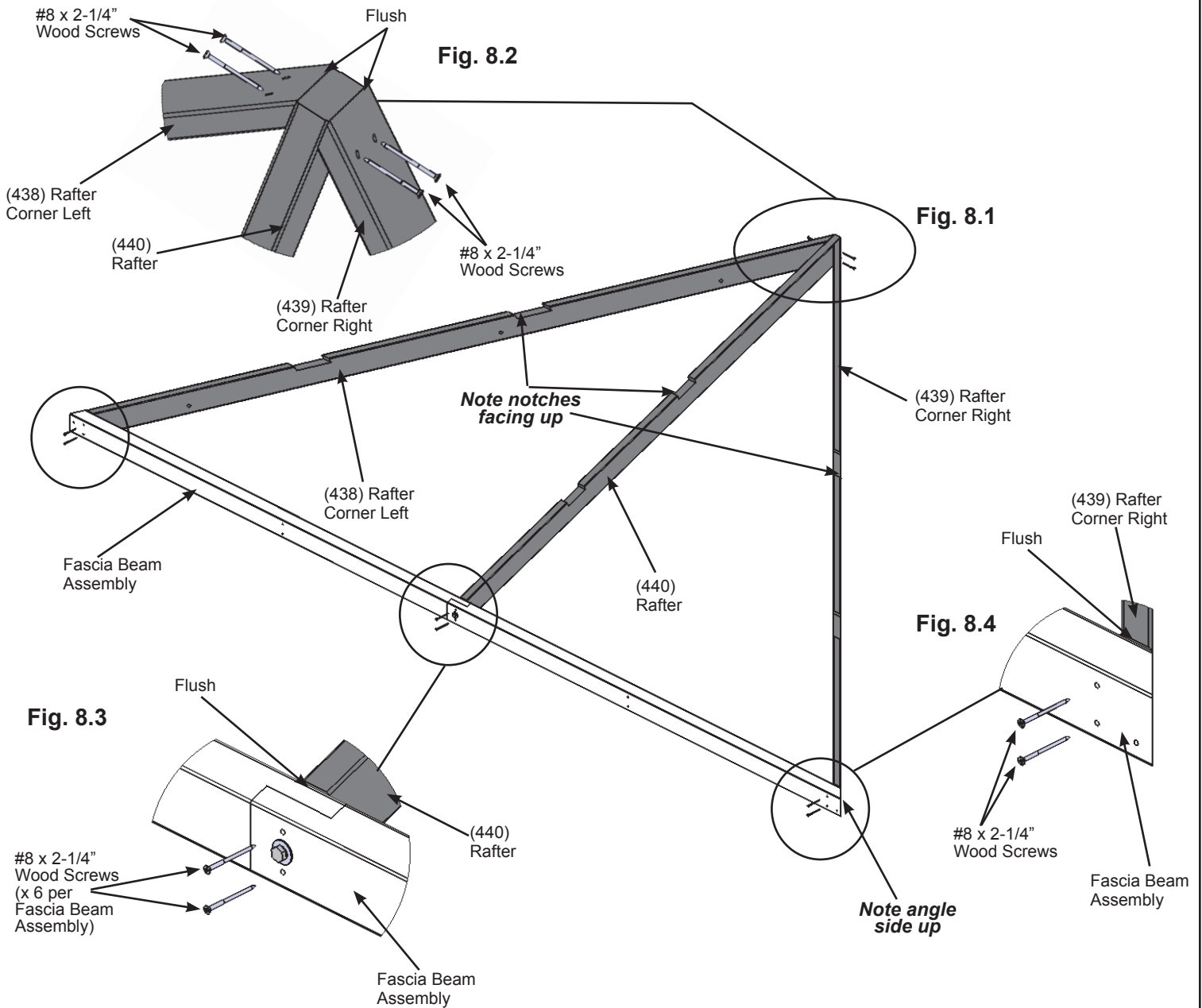
- 4 x 5/16 x 1-1/2" Hex Bolt
(5/16" lock washer, 1/4-5/16" large washer, 5/16" t-nut)

Step 8: Small Roof Rafter Assembly Part 1

A: On each side of one (440) Rafter place one (438) Rafter Corner Left and one (439) Rafter Corner Right so the tops and edges are flush then attach with two #8 x 2-1/4" Wood Screws per side. (Fig. 8.1 and 8.2)

B: Place Fascia Beam Assembly from Step 7A on the bottom of (438) Rafter Corner Left, (439) Rafter Corner Right and (440) Rafter so the sides are flush then attach with two #8 x 2-1/4" Wood Screws at each end and two in the middle. (fig. 8.1, 8.3 and 8.4)

C: Repeat Steps A and B to make a second Small Roof Rafter Assembly.



Wood Parts

- 2 x (440) Rafter
- 2 x (438) Rafter Corner Left
- 2 x (439) Rafter Corner Right

Hardware

- 20 x #8 x 2-1/4" Wood Screw

Step 8: Small Roof Rafter Assembly Part 2

D: Place one (337) Strap Short in the notches of (438) Rafter Corner Left, (439) Rafter Corner Right and (440) Rafter so the ends do not overhang the outside edges of the outside boards then attach with six #8 x 1-1/2" Wood Screws. (Fig. 8.5)

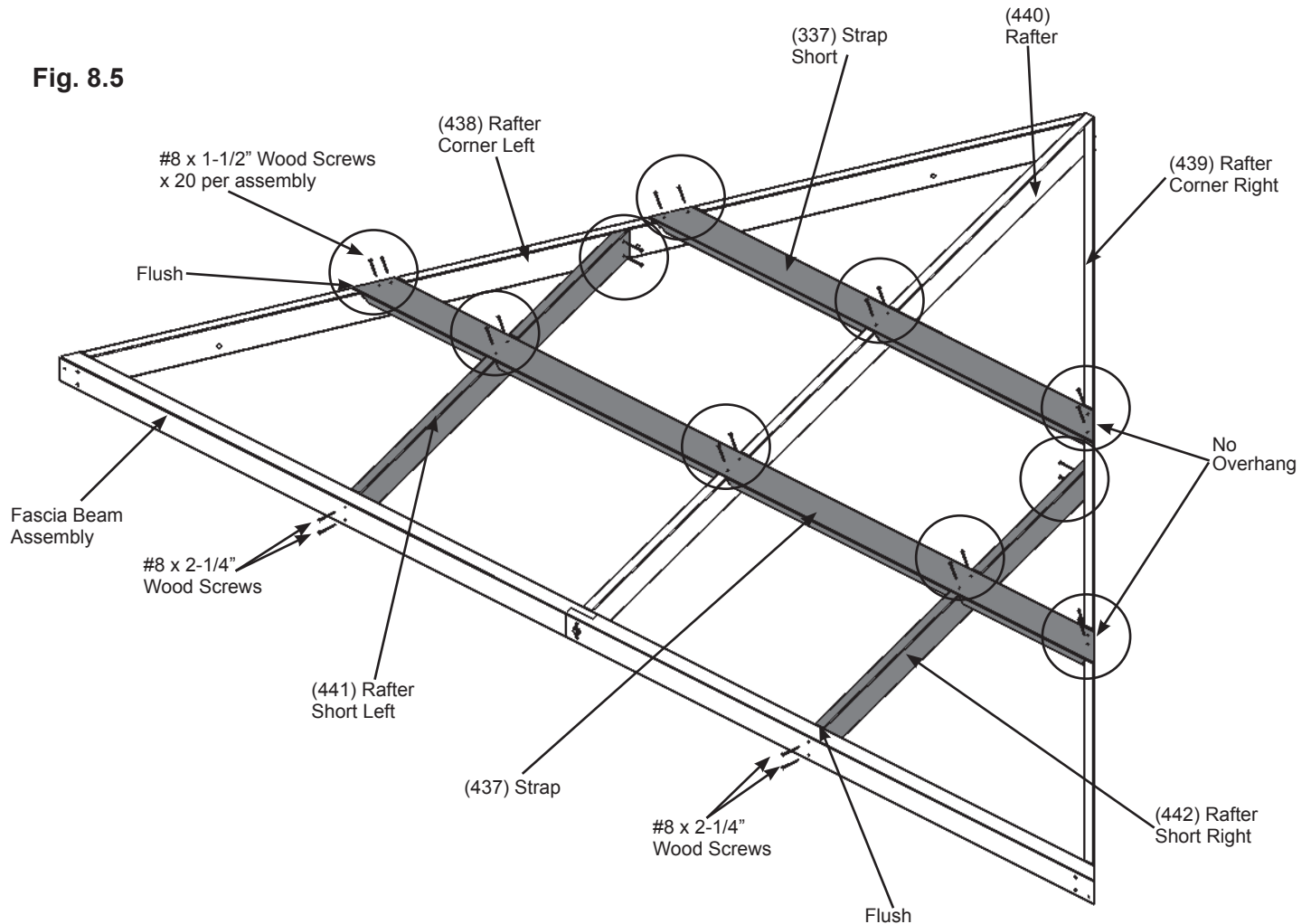
E: Place one (437) Strap in the notches of (438) Rafter Corner Left, (439) Rafter Corner Right and (440) Rafter so the ends do not overhang the outside edges of the outside boards. Do not attach yet. (fig. 8.5)

F: Place one (442) Rafter Short Right and one (441) Rafter Short Left in the notches of (437) Strap and attach as shown in fig. 8.5 with four #8 x 1-1/2" Wood Screws and two #8 x 2-1/4" Wood Screws per board.

G: Attach (437) Strap to (438) Rafter Corner Left, (439) Rafter Corner Right and (440) Rafter with six #8 x 1-1/2" Wood Screws. (fig. 8.5)

H: Complete Steps D, E, F and G for both Small Roof Rafter Assemblies.

Fig. 8.5



Wood Parts

- 2 x (337) Strap Short
- 2 x (437) Strap
- 2 x (442) Rafter Short Right
- 2 x (441) Rafter Short Left

Hardware

- 40 x #8 x 1-1/2" Wood Screw
- 8 x #8 x 2-1/4" Wood Screw

Step 9: Attach Roof to Beam Brackets - Small Roof Rafter Assembly

A: On the Back of one Small Roof Rafter Assembly, centred and flush to the bottom of (442) Rafter Short Right, (441) Rafter Short Left and (440) Rafter attach one Roof to Beam Bracket per board with one #8 x 1" Pan Screw in the bottom hole and one #12 x 1-1/2" Pan Screw in the top hole per bracket. Make sure to only install on one Small Roof Rafter Assembly, the second will not have brackets. (fig. 9.1 and 9.2)

Fig. 9.1

Back View

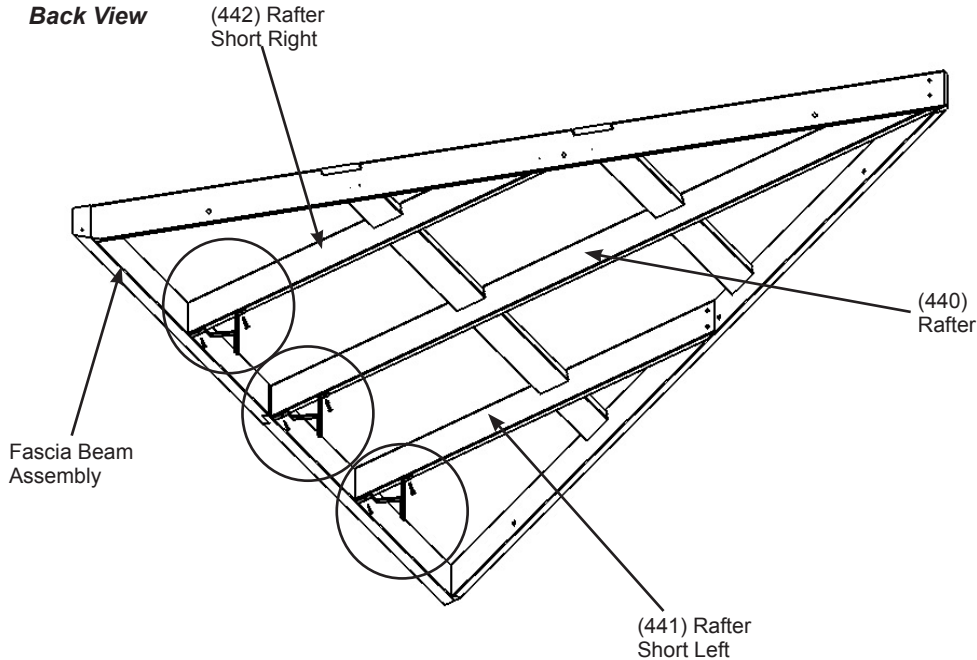
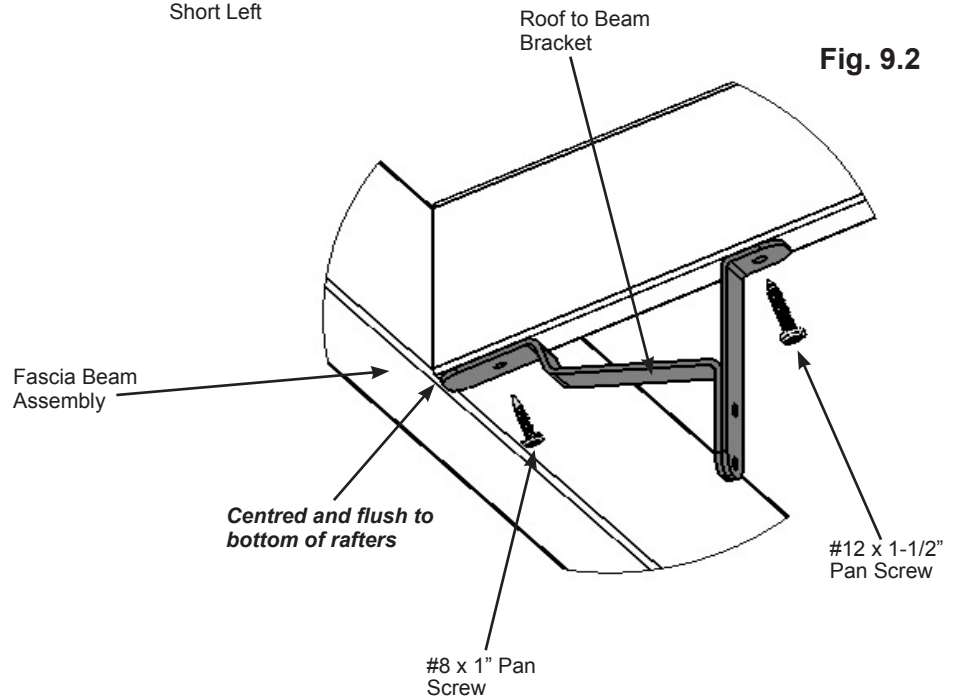


Fig. 9.2



Componets:

3 x Roof to Beam Bracket

Hardware

3 x #8 x 1" Pan Screw

3 x #12 x 1-1/2" Pan Screw

Step 10: Large Roof Rafter Assembly Part 1

A: On each side of one (434) Top place one (440) Rafter so the tops and edges are flush then attach with two #8 x 2-1/2" Wood Screws per side. (Fig. 10.1 and 10.2)

B: Place Large Fascia Beam Assembly from Step 7B on the bottom of (440) Rafters so the sides are flush and holes are centred on the (440) Rafters then attach with two #8 x 2-1/4" Wood Screws per (440) Rafter. (fig. 10.1 and 10.3)

C: Repeat Steps A and B to make a second Large Roof Rafter Assembly.

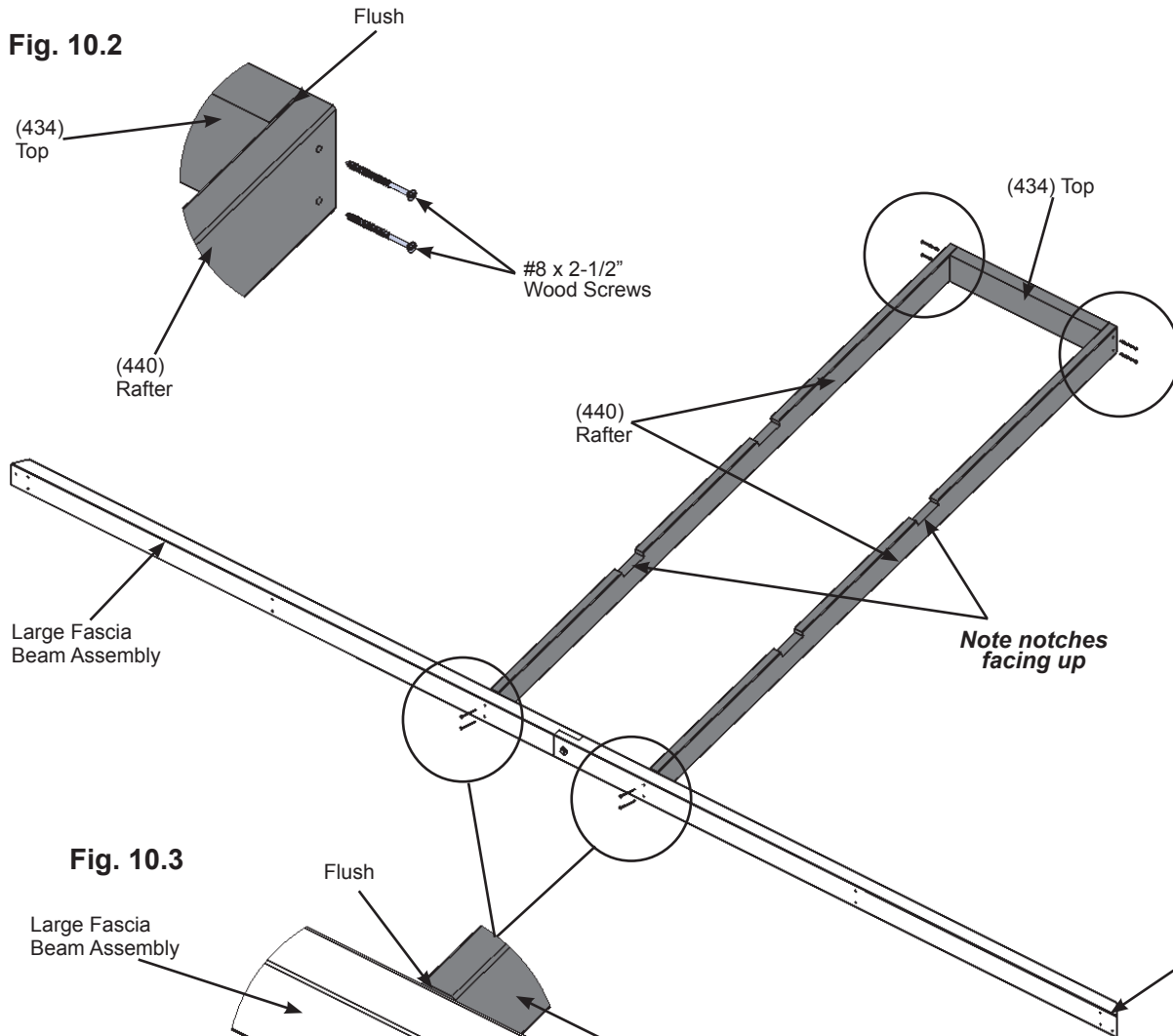


Fig. 10.2

Fig. 10.1

Fig. 10.3

Wood Parts

- 4 x (440) Rafter
- 2 x (434) Top

Hardware

- 8 x #8 x 2-1/4" Wood Screw
- 8 x #8 x 2-1/2" Wood Screw

Step 10: Large Roof Rafter Assembly Part 2

D: Beside each (440) Rafter place one (438) Rafter Corner Left and one (439) Rafter Corner Right so the tops and edges are flush and the bottom edges are flush to Large Fascia Beam Assembly then attach with two #8 x 2-1/4" Wood Screws to the top and bottom of the rafters per side. (Fig. 10.4, 10.5 and 10.6)

E: Repeat Step D for the second Large Roof Rafter Assembly.

Fig. 10.5

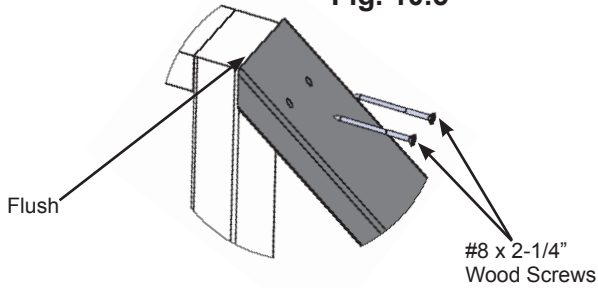


Fig. 10.4

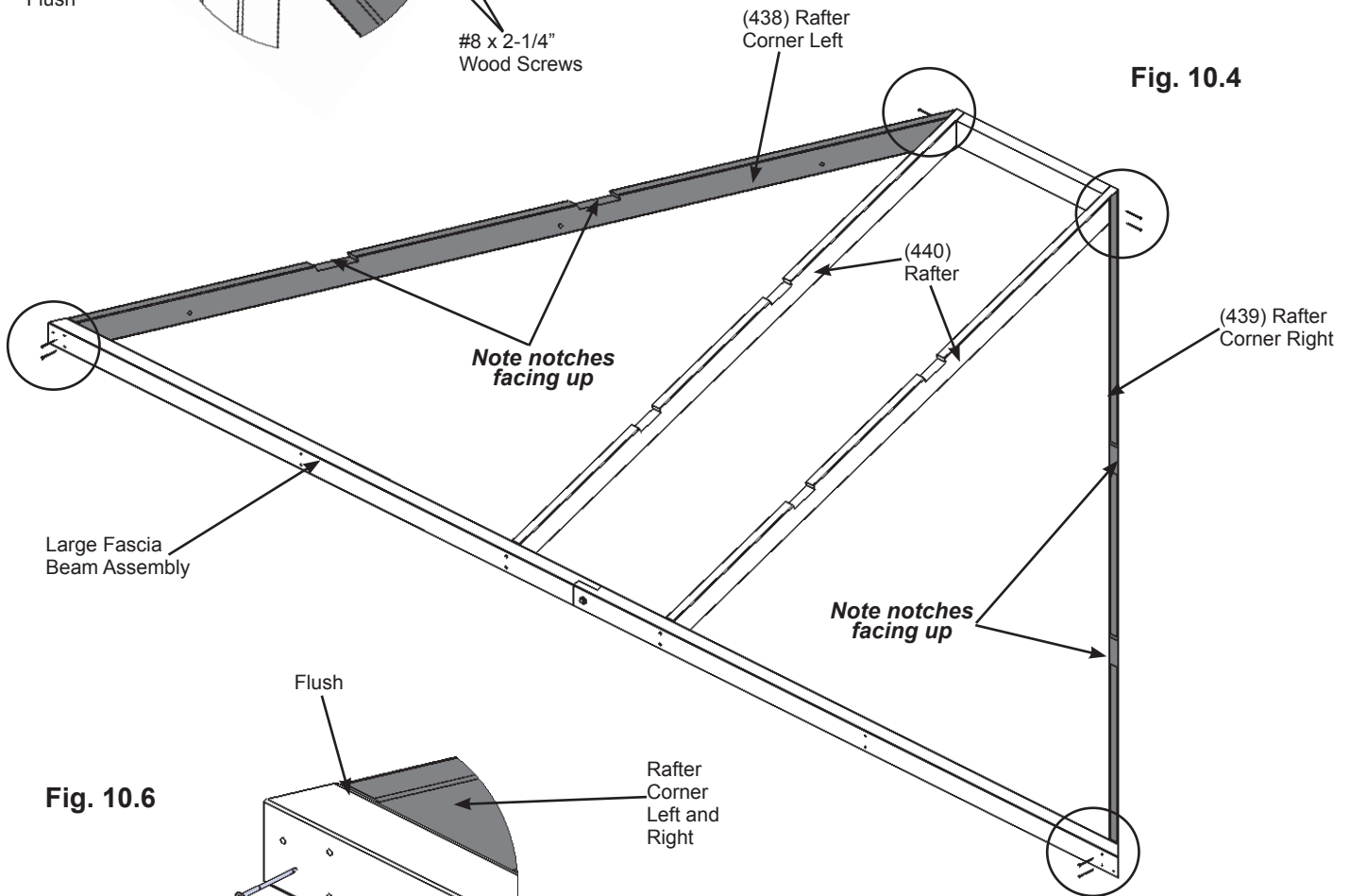
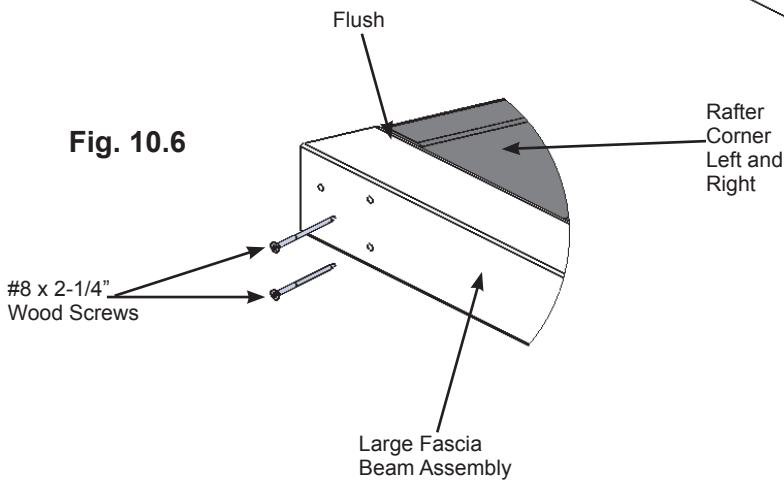


Fig. 10.6



Wood Parts

- 2 x (438) Rafter Corner Left
- 2 x (439) Rafter Corner Right

Hardware

- 16 x #8 x 2-1/4" Wood Screw

Step 10: Large Roof Rafter Assembly Part 3

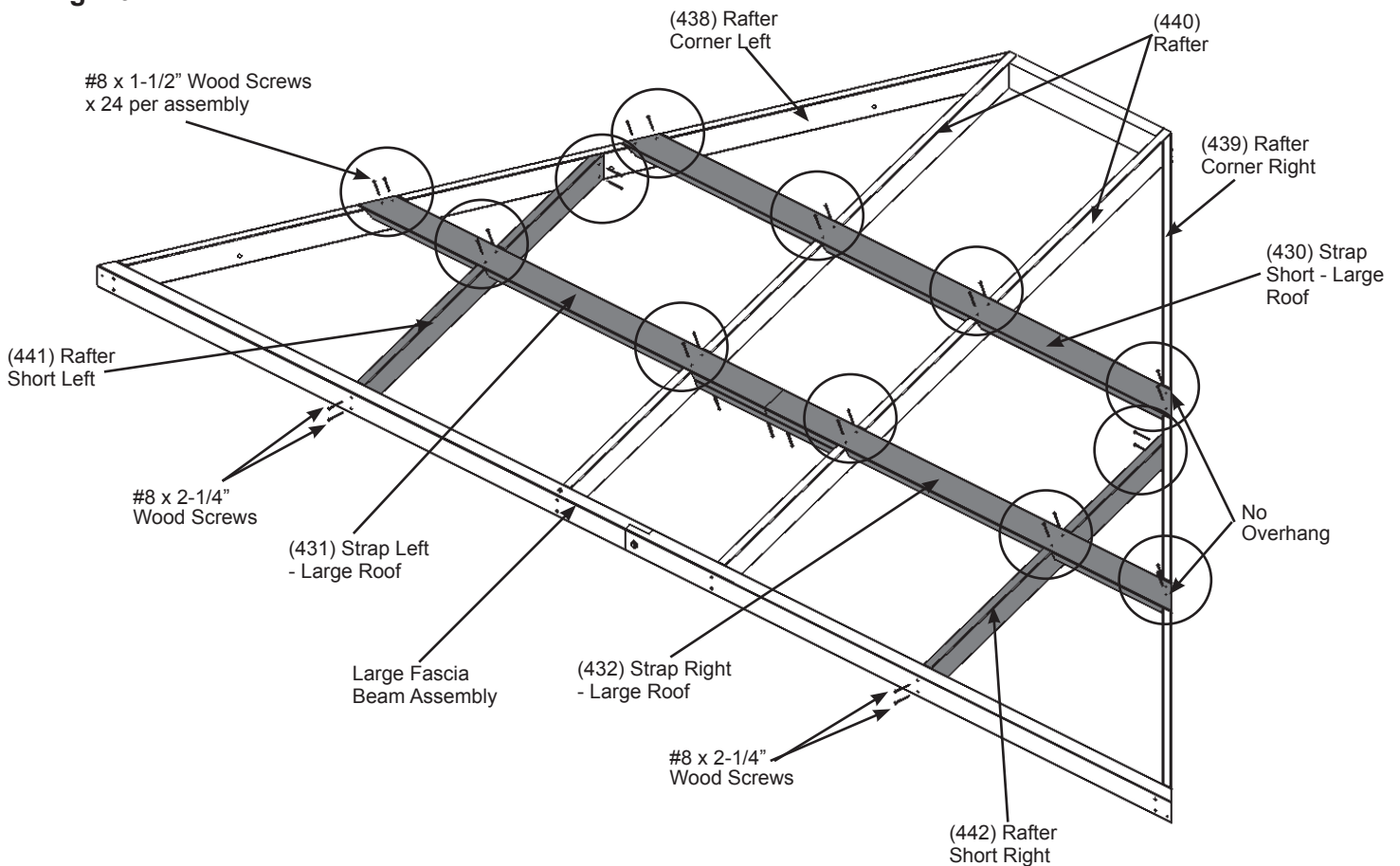
F: Place one (430) Strap Short - Large Roof in the notches of (438) Rafter Corner Left, (439) Rafter Corner Right and both (440) Rafters so the ends do not overhang the outside edges of the outside boards then attach with eight #8 x 1-1/2" Wood Screws. (Fig. 10.7)

G: Place one (431) Strap Left - Large Roof in the notches of (438) Rafter Corner Left and one (440) Rafter and one (432) Strap Right - Large Roof in the notches of (439) Rafter Corner Right and the other (440) Rafter so the ends do not overhang the outside edges of the outside boards. Boards are tight in the centre. Do not attach yet. (fig. 10.7)

H: Place one (442) Rafter Short Right in the notches of (432) Strap Right - Large Roof and one (441) Rafter Short Left in the notches of (431) Strap Left - Large Roof and attach to (438) Rafter Corner Left and (439) Rafter Corner Right with two #8 x 1-1/2" Wood Screws per board and to Large Fascia Beam Assembly with two #8 x 2-1/4" Wood Screws per board.

I: Attach (431) Strap Left - Large Roof and (432) Strap Right - Large Roof to (438) Rafter Corner Left, (439) Rafter Corner Right and (440) Rafter with six #8 x 1-1/2" Wood Screws per board. (fig. 10.7)

Fig. 10.7



Wood Parts

- 2 x (430) Strap Short - Large Roof
- 2 x (431) Strap Left - Large Roof
- 2 x (432) Strap Right - Large Roof
- 2 x (442) Rafter Short Right
- 2 x (441) Rafter Short Left

Hardware

- 48 x #8 x 1-1/2" Wood Screw
- 8 x #8 x 2-1/4" Wood Screw

Step 10: Large Roof Rafter Assembly Part 4

J: Turn Large Roof Rafter Assembly over then attach one (433) Strap Brace to (431) Strap Left - Large Roof and (432) Strap Right - Large Roof with eight #8 x 2-1/4" Wood Screws. Edges are flush. (fig. 10.8 and 10.9)

K: Complete Steps F - J for both Large Roof Rafter Assemblies.

Fig. 10.8
Front View

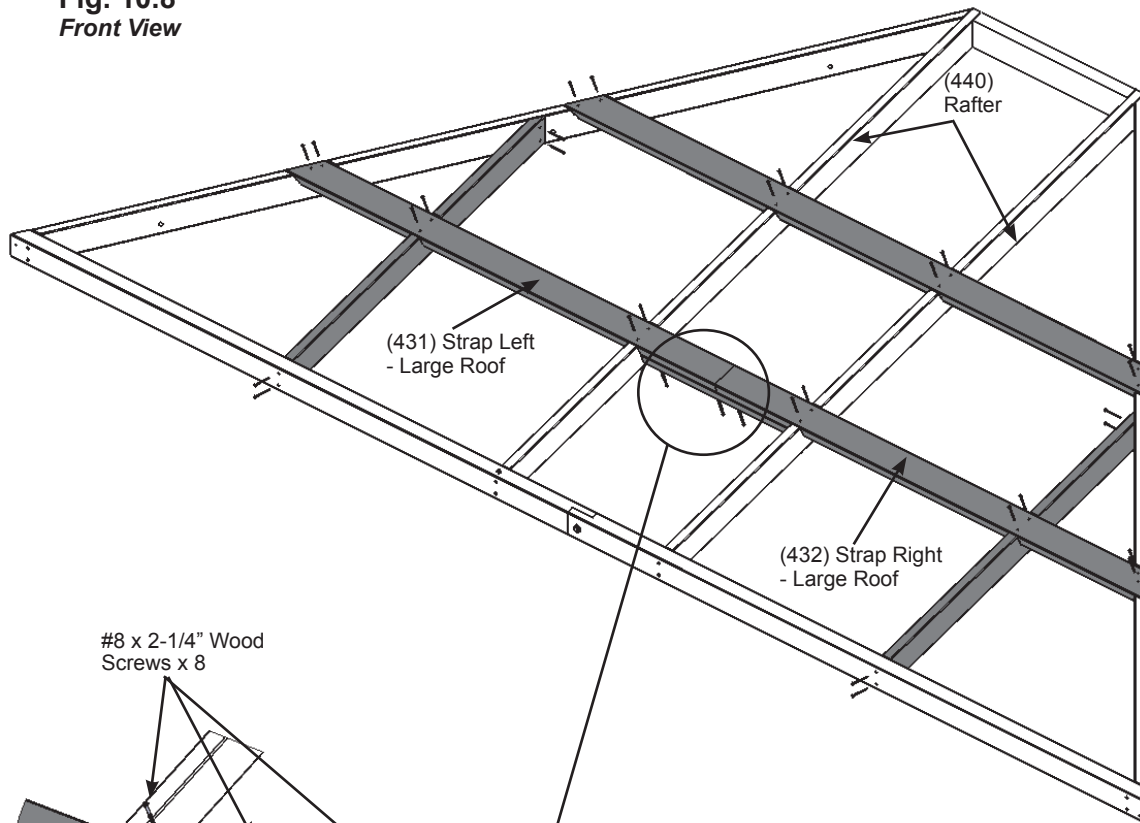
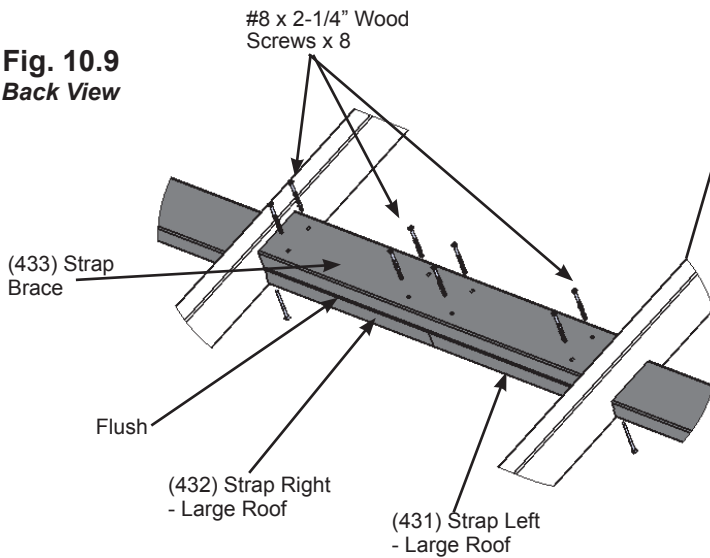


Fig. 10.9
Back View



Wood Parts

2 x (433) Strap Brace

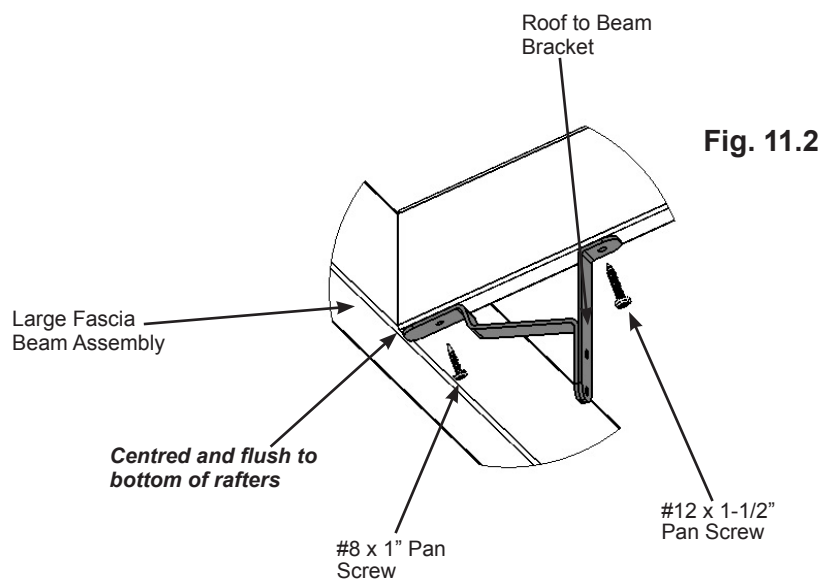
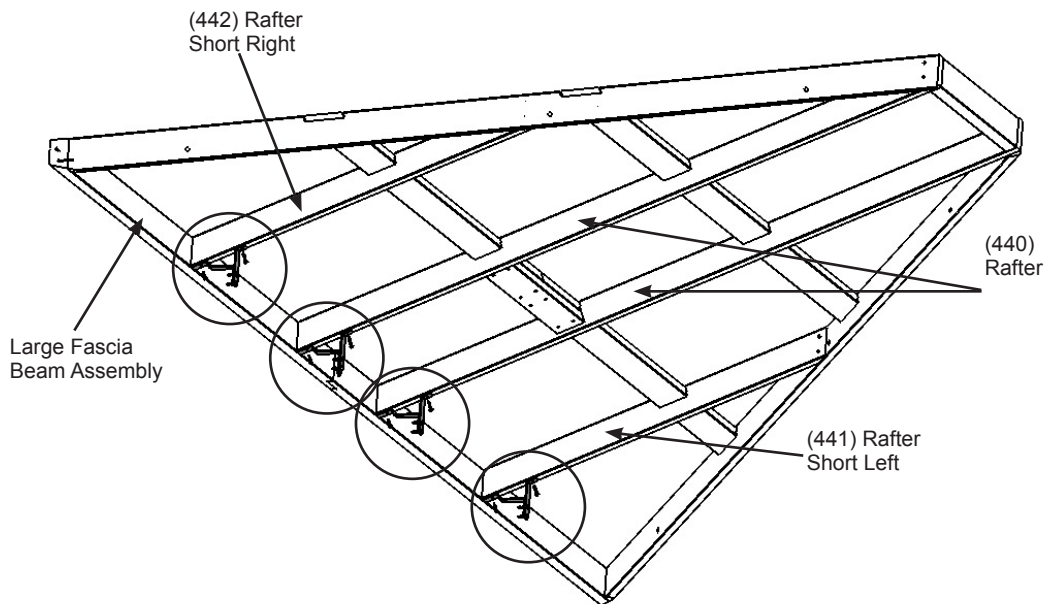
Hardware

16 x #8 x 2-1/4" Wood Screw

Step 11: Attach Roof to Beam Brackets - Large Roof Rafter Assemblies

A: On the Back of both Large Roof Rafter Assemblies, centred and flush to the bottom of (442) Rafter Short Right, (441) Rafter Short Left and both (440) Rafter attach one Roof to Beam Bracket per board with one #8 x 1" Pan Screw in the bottom hole and one #12 x 1-1/2" Pan Screw in the top hole per bracket. (fig. 11.1 and 11.2)

Fig. 11.1
Back View



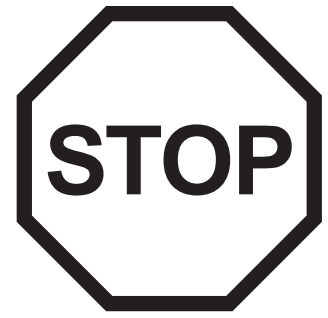
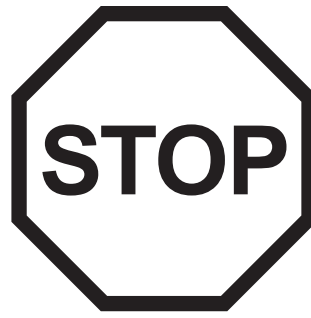
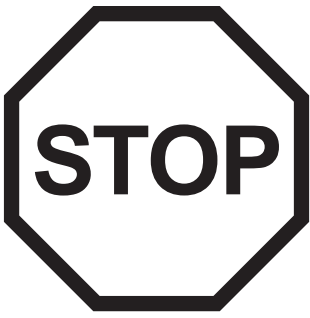
Componets:

8 x Roof to Beam Bracket

Hardware

8 x #8 x 1" Pan Screw

8 x #12 x 1-1/2" Pan Screw



INSTALLING ROOFING MATERIAL

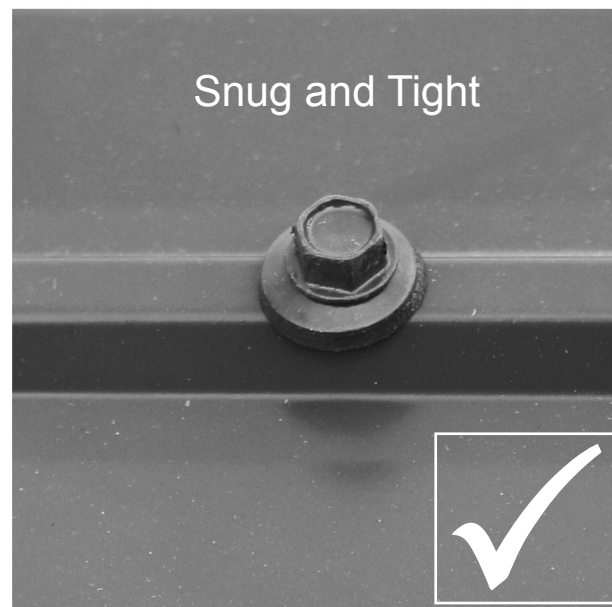
CAUTION!

Roofing material may have sharp edges! Wear gloves!

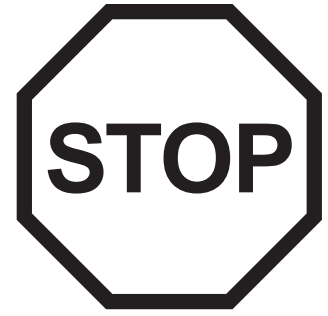
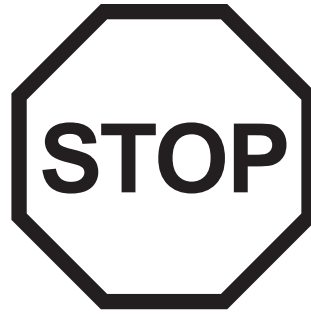
HANDLE WITH CARE!

Place roofing material on a non-abrasive surface before assembly as it can bend, dent and scratch easily.

**WARNING – DO NOT OVER TIGHTEN ROOFING SCREWS!
Over tightening screws will cause roofing material to crush.**



The roofing screws can easily crush the Roof Panels and Roof Edges when using a power drill. We recommend hand tightening the roofing screws so that they sit snug and tight to the roofing material.

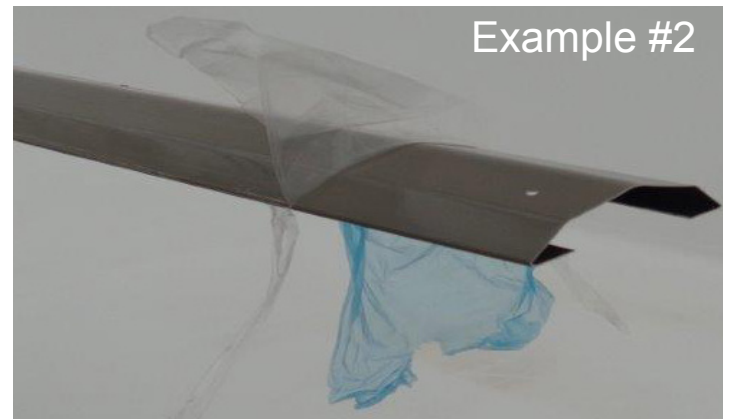
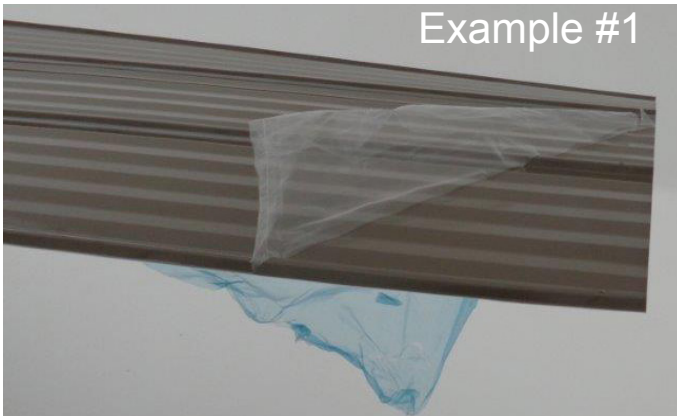


INSTALLING ROOFING MATERIAL

CAUTION!

Roofing material may have sharp edges! Wear gloves!

BE SURE TO REMOVE ALL PLASTIC COVERING, ON BOTH SIDES OF THE ALUMINUM PANELS AND TRIM, DIRECTLY BEFORE INSTALLING EACH PIECE. *(One side is clear and the other is blue, both must be removed.)*



Step 12: Attach Roof Panels - Small Roof

Part 1

A: Place one Long Panel Left on the front of one Small Roof Rafter Assembly so it is flush to the side of (438) Rafter Corner Left and a slight overhang at the bottom of the Fascia Beam Assembly. Holes should line up with (440) Rafter. (fig. 12.1 and 12.2)

B: Place one Long Panel Right on Small Roof Rafter Assembly so it overlaps the Long Panel Left and it is flush to the side of (439) Rafter Corner Right and a slight overhang at the bottom of the Fascia Beam Assembly. (fig. 12.1 and 12.2)

C: Attach both Left and Right Long Panels to Small Roof Rafter Assembly with four #8 x 1" Roofing Screws in locations shown in fig. 12.1. Be sure not to overtighten screws.

D: Repeat Steps A - C for both Small Roof Rafter Assemblies.

DO NOT overtighten screws, could cause damage to roofing material

Fig. 12.2
Top, Side View

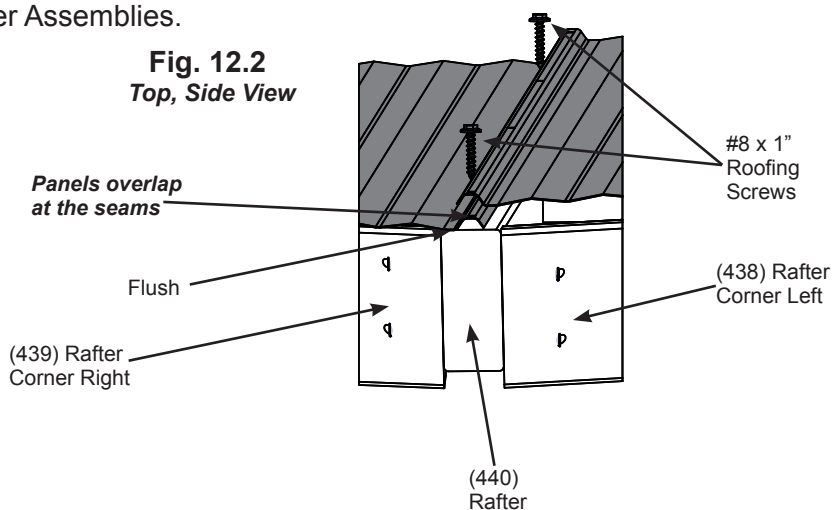
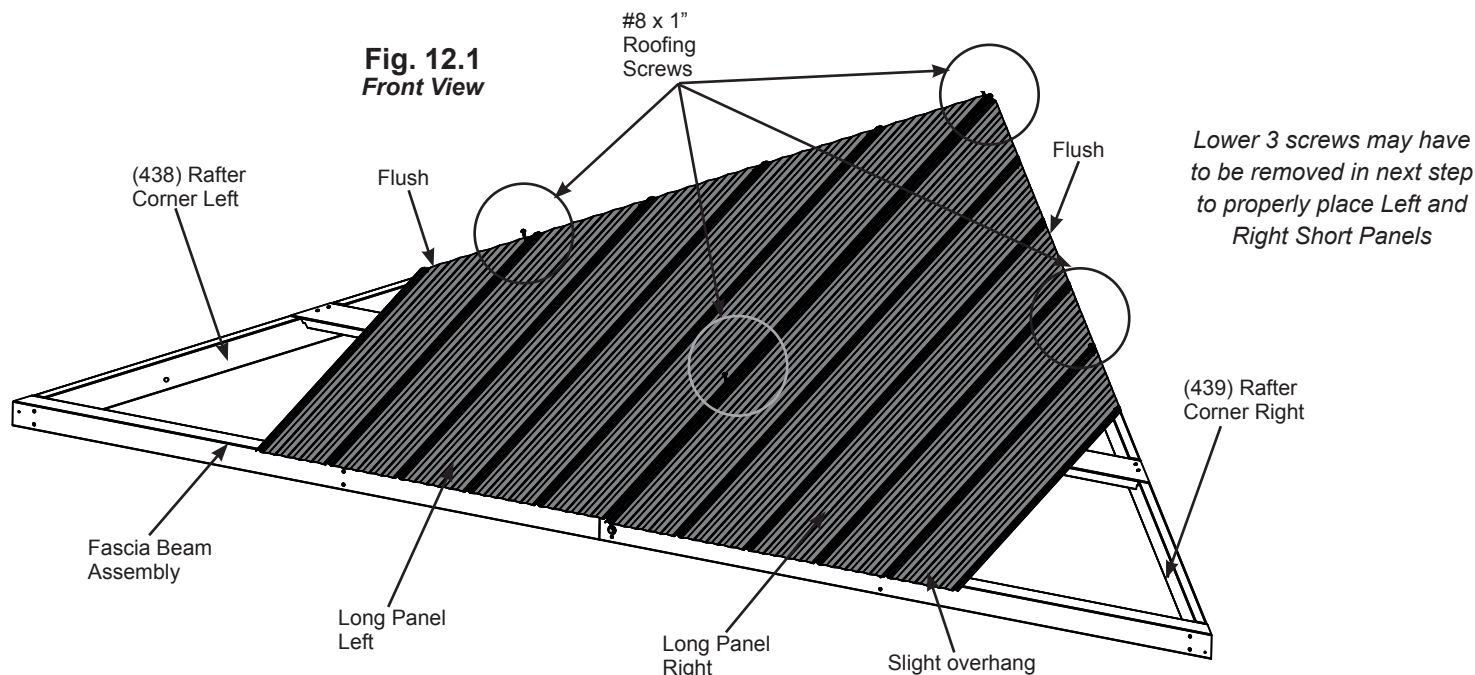


Fig. 12.1
Front View



Roof Parts

- 2 x Long Panel Left
- 2 x Long Panel Right

Hardware

- 8 x #8 x 1" Roofing Screw

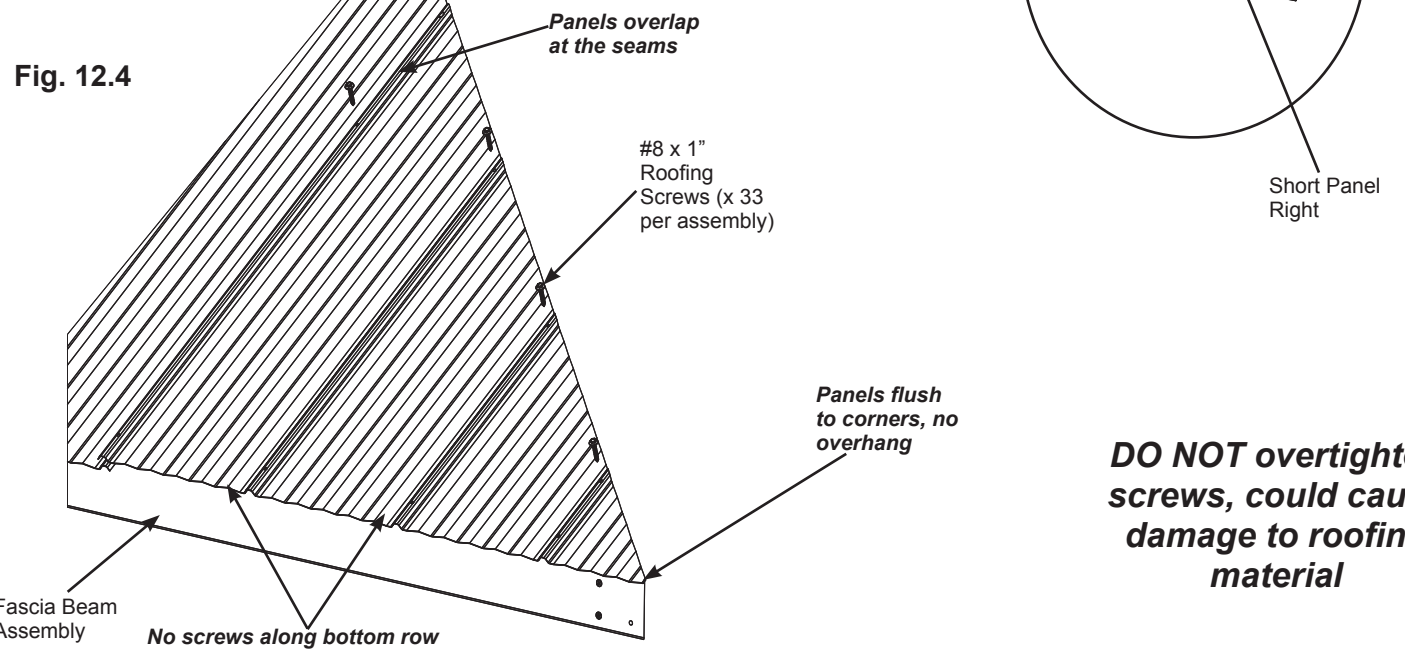
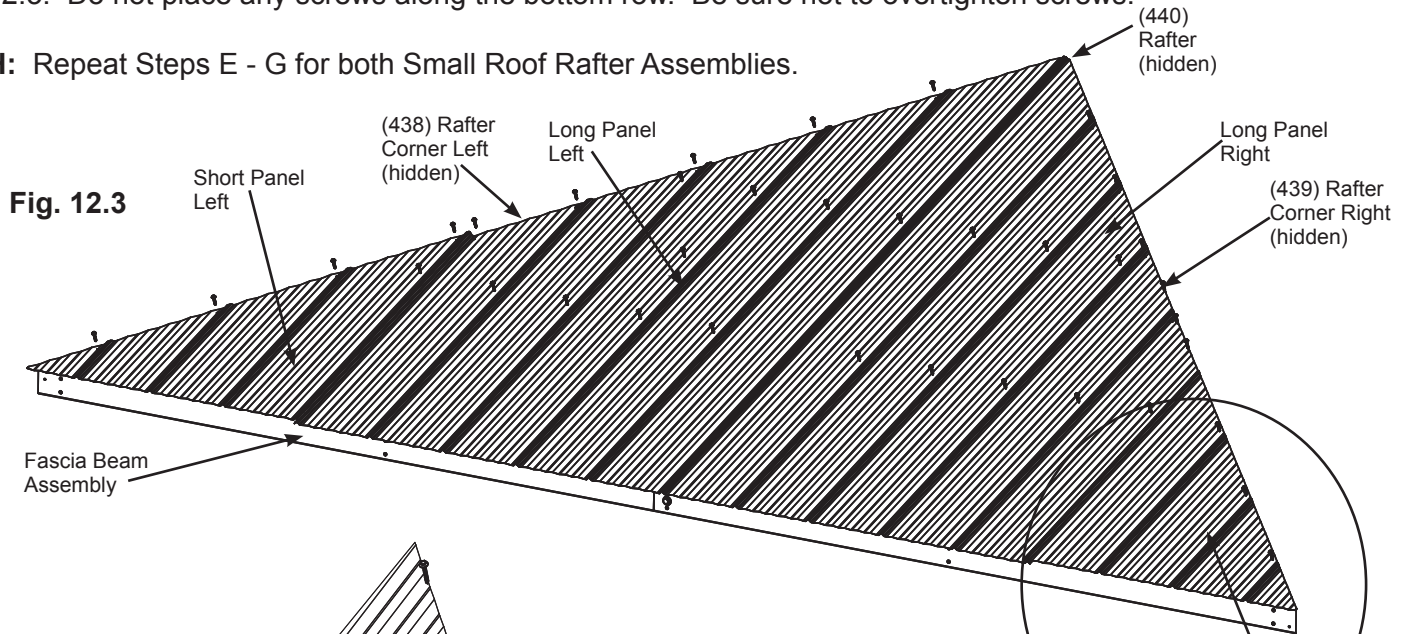
Step 12: Attach Roof Panels - Small Roof Part 2

E: Place one Short Panel Left on Small Roof Rafter Assembly so it overlaps the Long Panel Left and it is flush to the sides of (438) Rafter Corner Left and a slight overhang at the bottom of the Fascia Beam Assembly. There should be no overhanging at the corners. (fig. 12.3 and 12.4)

F: Place one Short Panel Right on Small Roof Rafter Assembly so it overlaps the Long Panel Right and it is flush to the side of (439) Rafter Corner Right and a slight overhang at the bottom of the Fascia Beam Assembly. There should be no overhanging at the corners. (fig. 12.3 and 12.4)

G: Attach all panels to Small Roof Rafter Assembly with 33 #8 x 1" Roofing Screws in locations shown in fig. 12.3. Do not place any screws along the bottom row. Be sure not to overtighten screws.

H: Repeat Steps E - G for both Small Roof Rafter Assemblies.



DO NOT overtighten screws, could cause damage to roofing material

Roof Parts

- 2 x Short Panel Left
- 2 x Short Panel Right

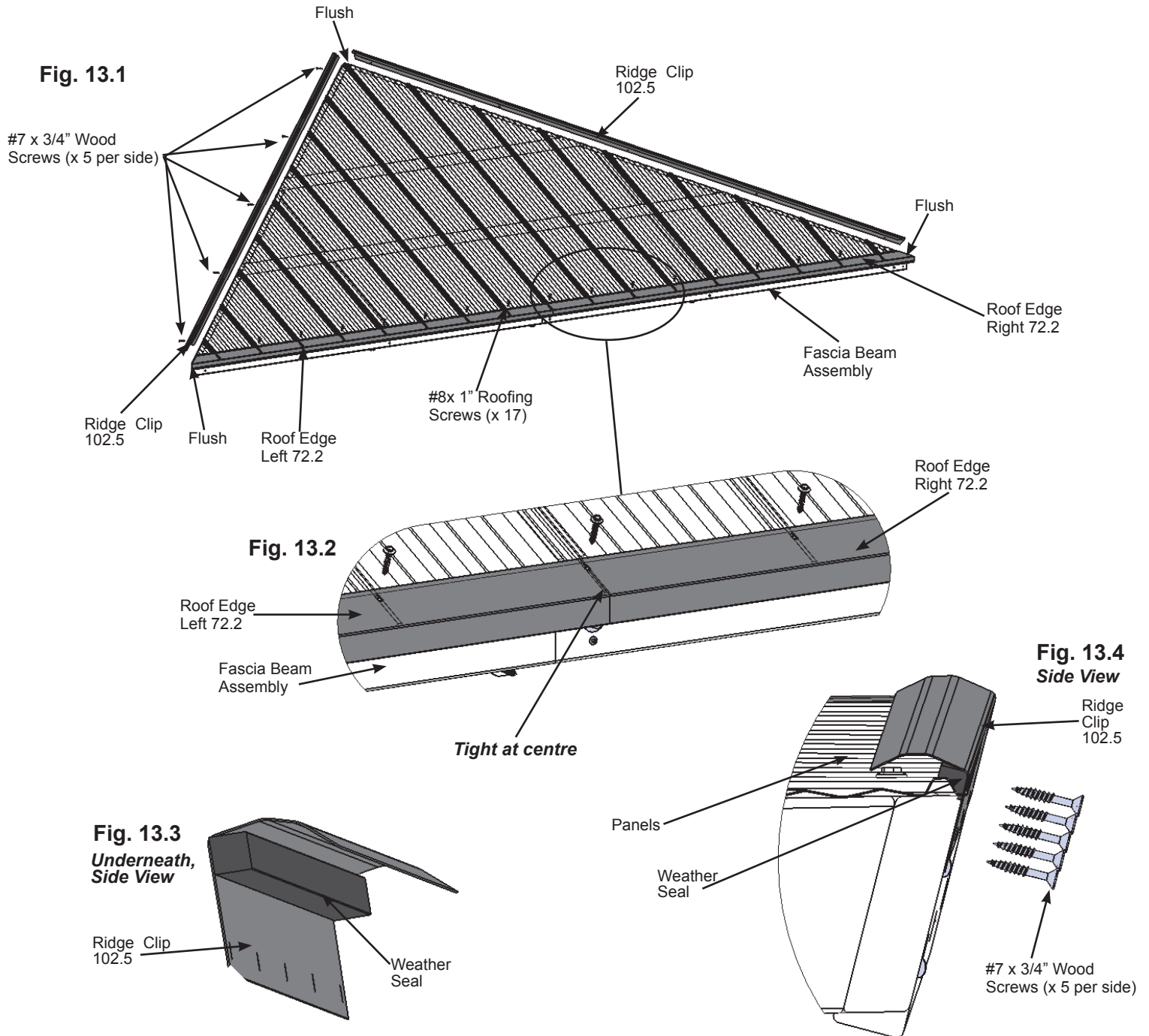
Hardware

- 66 x #8 x 1" Roofing Screw

Step 13: Attach Ridge Clips and Roof Edges - Small Roof

A: Place one Roof Edge Left 72.2 and one Roof Edge Right 72.2 on the bottom of each Small Roof Rafter Assembly so the ends are flush with the outside ends of the Fascia Beam Assembly and meet tight in the centre. Attach both Roof Edges with 17 #8 x 1" Roofing Screws per Small Roof Rafter assembly. (fig. 13.1 and 13.2)

B: Place one Weather Seal on the inside of each Ridge Clip 102.5 then place one Ridge Clip 102.5 on each side of each Small Roof Rafter Assembly so they cover the panels and attach with five #7 x 3/4" Wood Screws per Ridge Clip 102.5. (fig. 13.1, 13.3 and 13.4)



Components:

- 2 x Roof Edge Left 72.2
- 2 x Roof Edge Right 72.2
- 4 x Ridge Clip 102.5
- 4 x Weather Seal

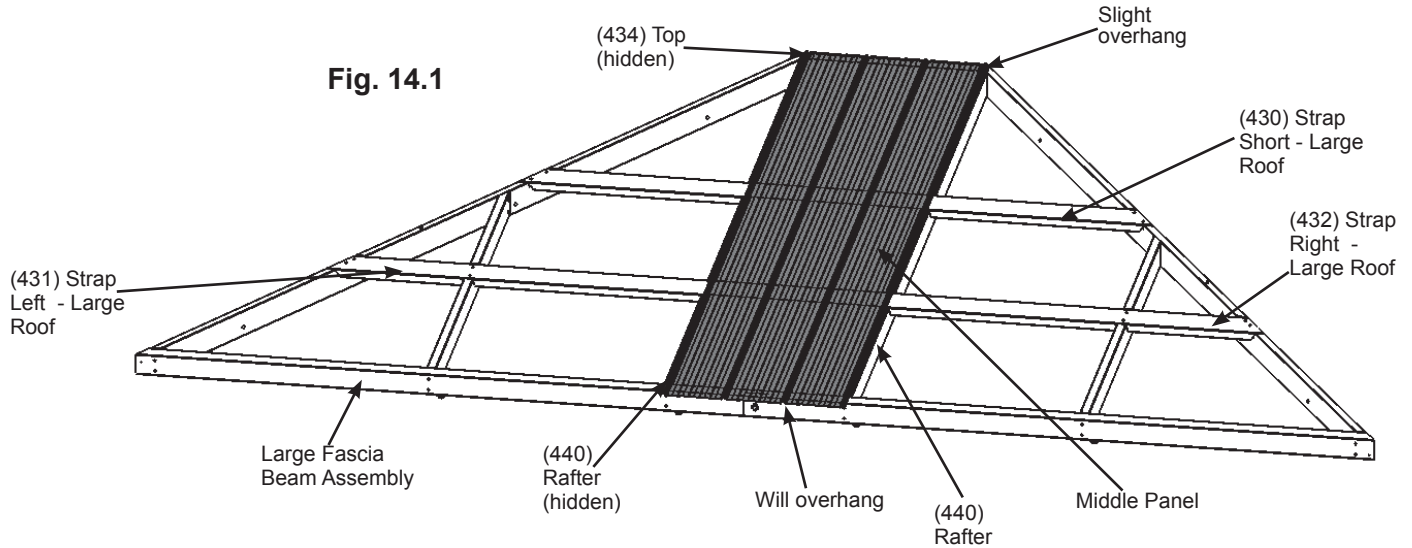
Hardware

- 34 x #8 x 1" Roofing Screw
- 20 x #7 x 3/4" Wood Screw

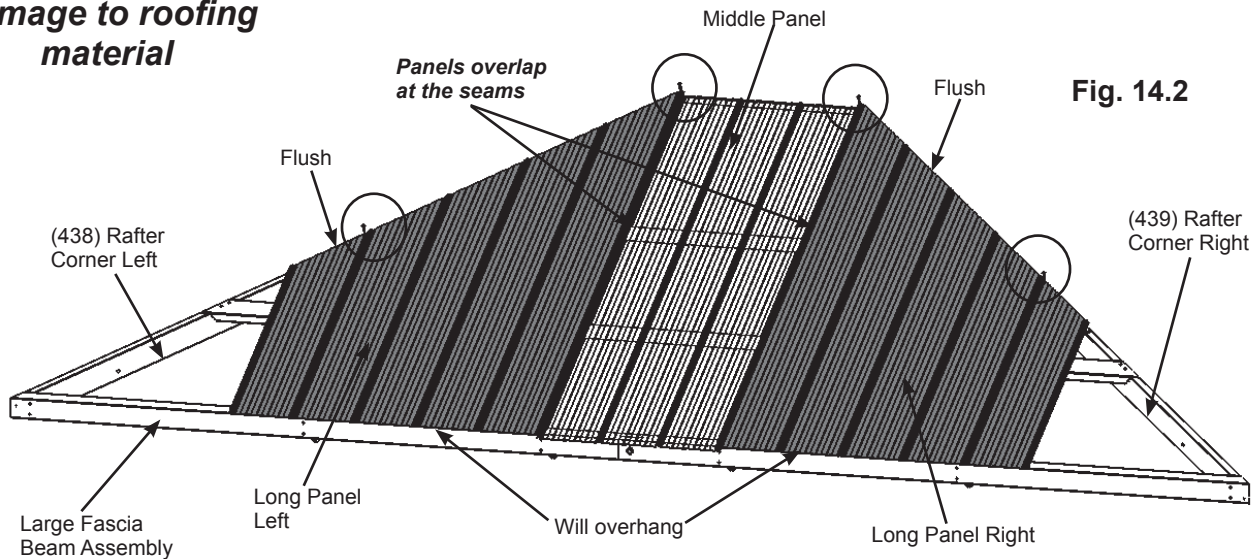
Step 14: Attach Roof Panels - Large Roof Part 1

A: Place one Middle Panel on the front of one Large Roof Rafter Assembly so it slightly overhangs the top of (434) Top and an overhang at the bottom of the Large Fascia Beam Assembly. Holes should line up with (440) Rafter and (430), (431) and (432) Straps (fig. 14.1)

B: Place one Long Panel Left and one Long Panel Right on each side of Middle Panel so they overlap the Middle Panel and are flush to the sides of (438) Rafter Corner Left and (439) Rafter Corner Right and an overhang at the bottom of the Large Fascia Beam Assembly. Attach with two #8 x 1" Roofing Screws per panel in the places shown below. Be sure not to overtighten screws. (fig. 14.2)



DO NOT overtighten screws, could cause damage to roofing material



Roof Parts

- 2 x Middle Panel
- 2 x Long Panel Left
- 2 x Long Panel Right

Hardware

- 8 x #8 x 1" Roofing Screw

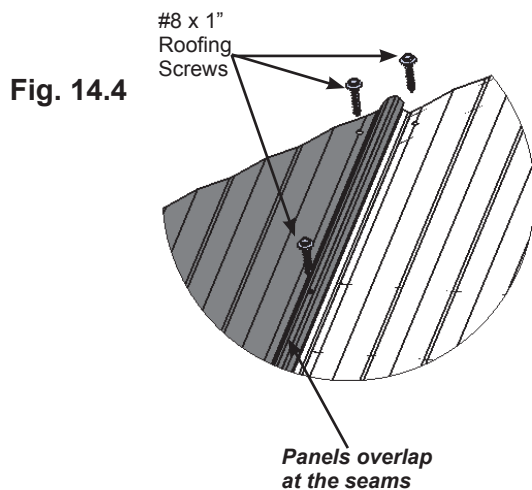
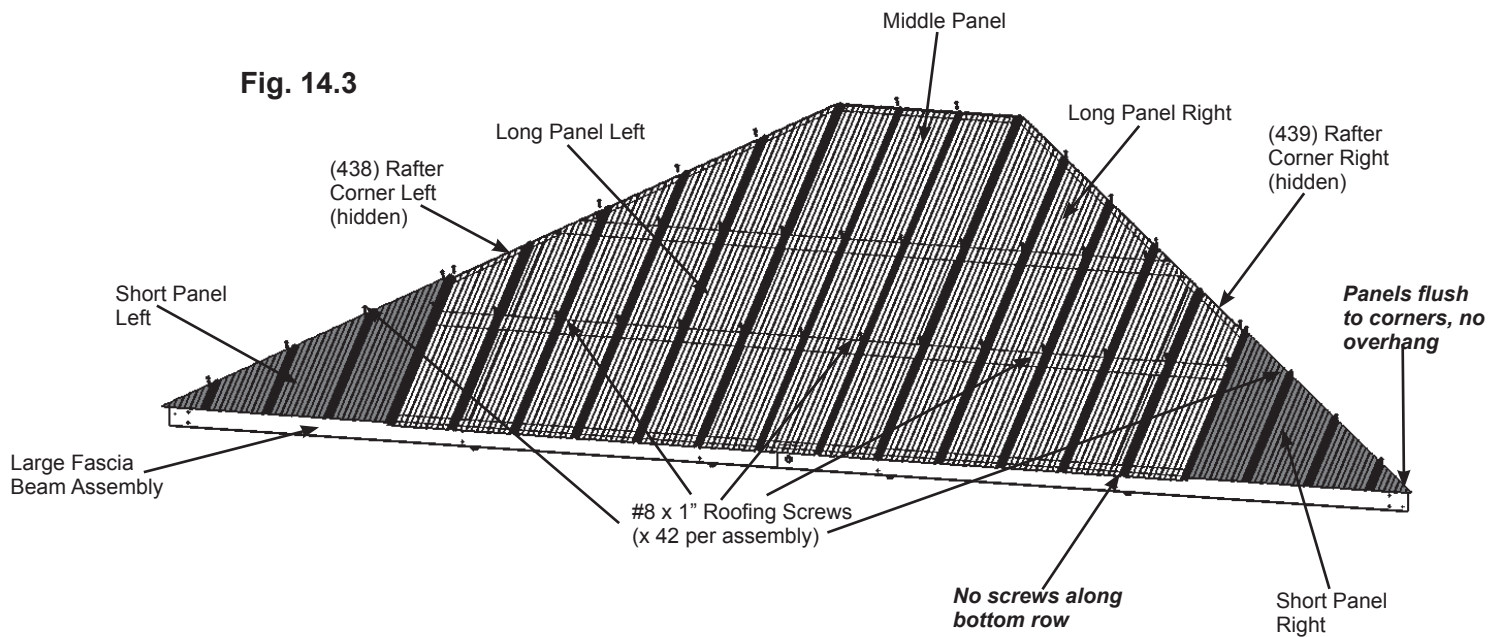
Step 14: Attach Roof Panels - Large Roof Part 2

C: Place one Short Panel Left so it overlaps the Long Panel Left and it is flush to the sides of (438) Rafter Corner Left and one Short Panel Right so it overlaps the Long Panel Right and it is flush to the side of (439) Rafter Corner Right. There will be a slight overhang at the bottom of the Large Fascia Beam Assembly. There should be no overhang at the corners. (fig. 14.3 and 14.4)

D: Make sure all panels fit properly then attach with 42 #8 x 1" Roofing Screws. Be sure not to overtighten screws (fig. 14.3 and 14.4)

Notice there are no screws along the bottom row.

E: Repeat Steps A - D for both Large Roof Rafter Assemblies.



DO NOT overtighten screws, could cause damage to roofing material

Roof Parts

2 x Short Panel Left
2 x Short Panel Right

Hardware

84 x #8 x 1" Roofing Screw

Step 14: Attach Roof Panels - Large Roof Part 3

F: On one Large Roof Rafter Assembly place one (463) Spacer Top flush to the outside edges and centred on (434) Top then attach with three #8 x 2-1/4" Wood Screws. (fig. 14.5 and 14.6)

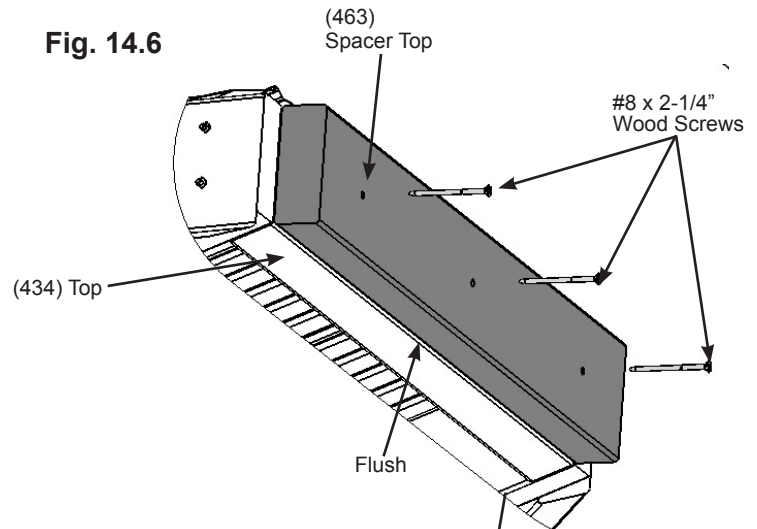
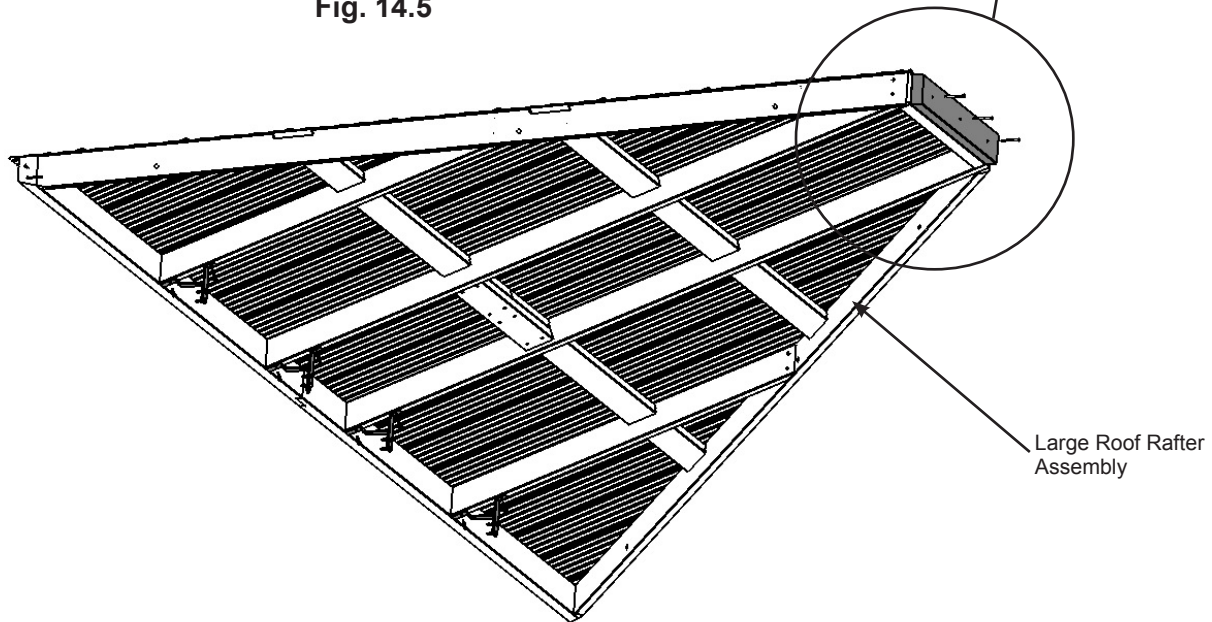


Fig. 14.5



Wood Parts

1 x (463) Spacer Top

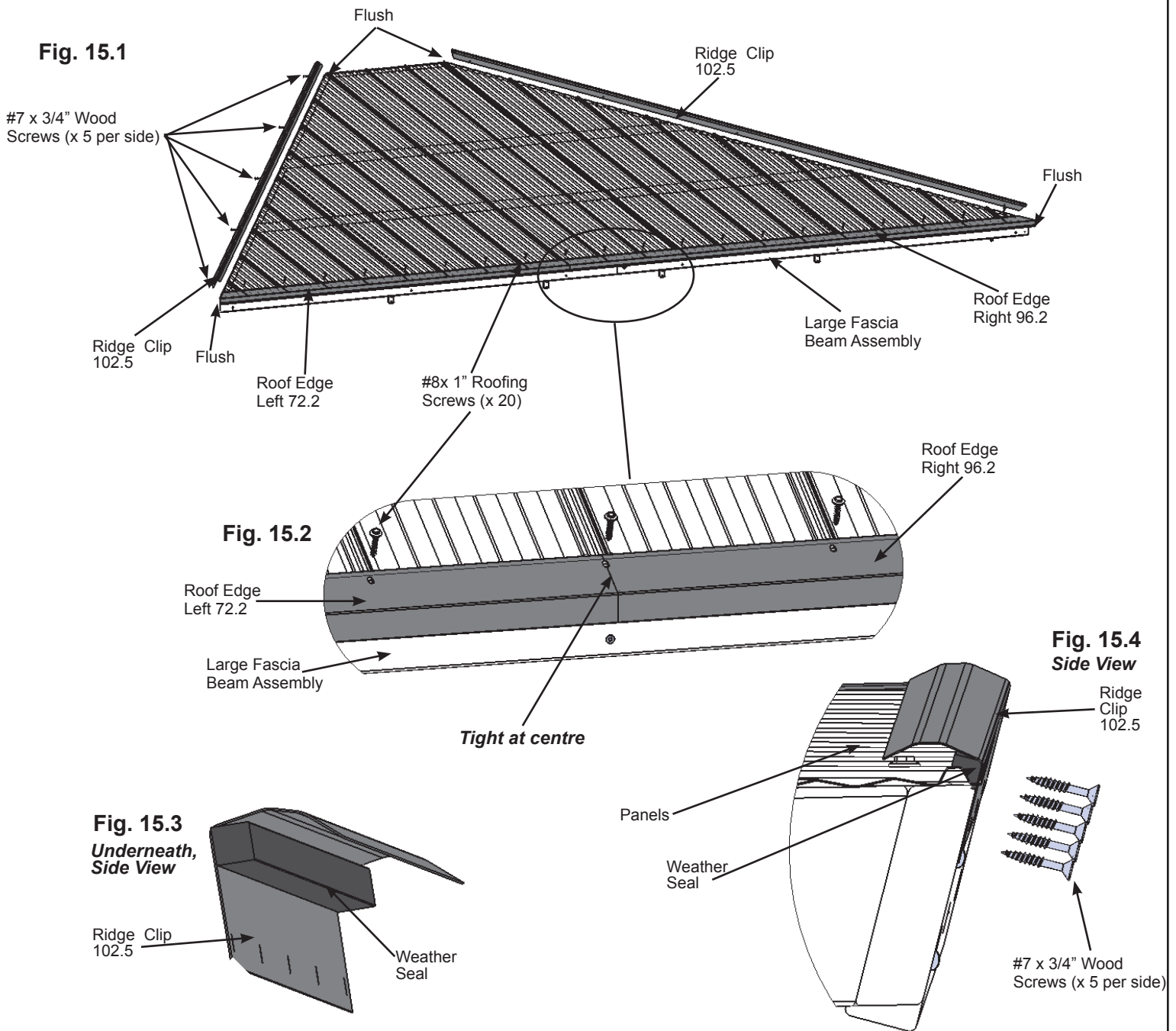
Hardware

3 x #8 x 2-1/4" Wood Screws

Step 15: Attach Ridge Clips and Roof Edges - Large Roof

A: Place one Roof Edge Left 72.2 and one Roof Edge Right 96.2 on the bottom of each Large Roof Rafter Assembly so the ends are flush with the outside ends of the Large Fascia Beam Assembly and meet tight in the centre. Attach both Roof Edges with 20 #8 x 1" Roofing Screws per Large Roof Rafter assembly. (fig. 15.1 and 15.2)

B: Place one Weather Seal on the inside of each Ridge Clip 102.5 then place one Ridge Clip 102.5 on each side of each Large Roof Rafter Assembly so they cover the panels and attach with five #7 x 3/4" Wood Screws per Ridge Clip 102.5. (fig. 15.1, 15.3 and 15.4)



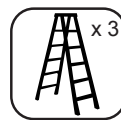
Components:

- 2 x Roof Edge Left 72.2
- 2 x Roof Edge Right 96.2
- 4 x Ridge Clip 102.5
- 4 x Weather Seal

Hardware

- 40 x #8 x 1" Roofing Screw
- 20 x #7 x 3/4" Wood Screw

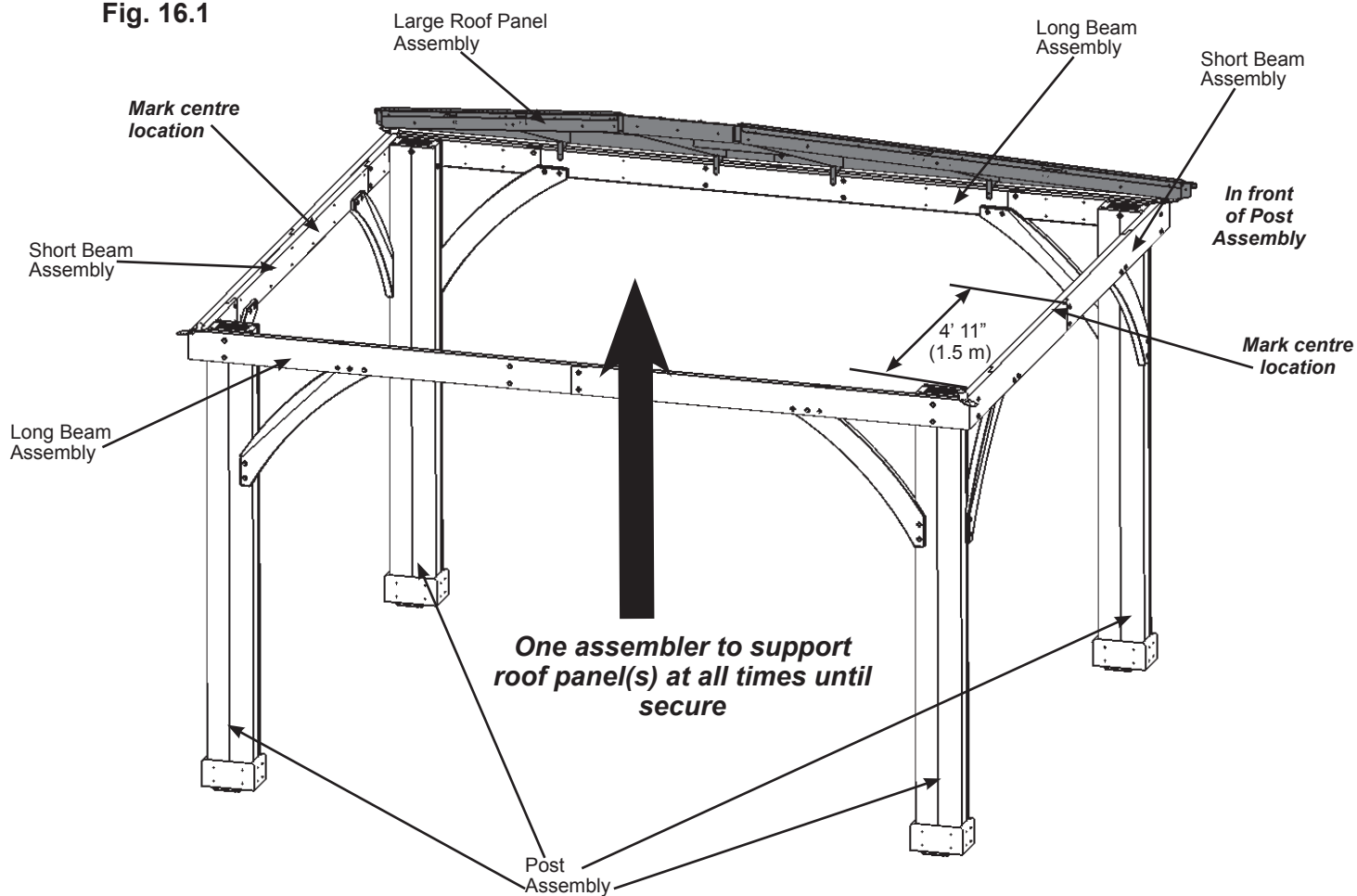
Step 16: Attach Roof Panels to Frame Part 1



A: From inside the Post Assemblies measure 4' 11" (1.5 m) to mark the centre of each Short Beam Assembly. (fig. 16.1)

B: With all four assemblers place one Large Roof Panel Assembly with Roof to Beam Brackets just in front of the Post Assemblies then raise it up so it is centred on the Long Beam Assembly. (fig. 16.1)

Fig. 16.1



Step 16: Attach Roof Panels to Frame Part 2



C: Lift a Small Roof Panel Assembly with Roof to Beam Brackets over Short Beam Assembly taking care not to drag the panel on the beams. Make sure the middle Roof to Beam Bracket lines up to the centre mark and the Rafter Corners are flush with each other. **One person must remain on the centre ladder to hold both panels in place until three panels are up and secure.** (fig. 16.2, 16.3 and 16.4)

D: Starting at the bottom and working up connect Large Roof Panel Assembly to Small Roof Panel Assembly through the Rafter Corners with three 1/4 x 2-3/4" Hex Bolts (with two 1/4-5/16" large washers and one 1/4" lock nut). To align bolt holes helper in the centre may have to push up the centre of the panels and others make sure corners are aligned. Make sure all bolts are tight. (fig. 16.2 and 16.5)

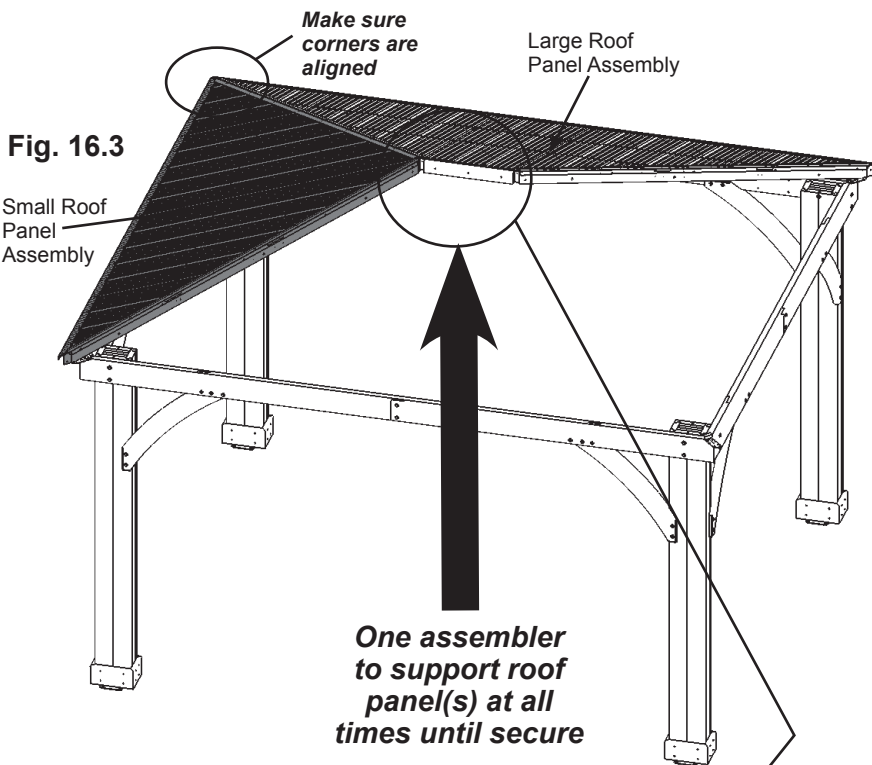


Fig. 16.3

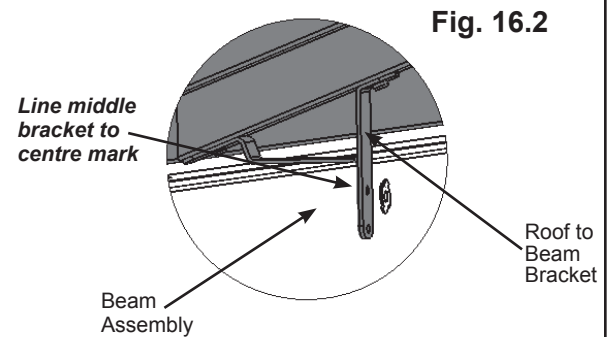


Fig. 16.2

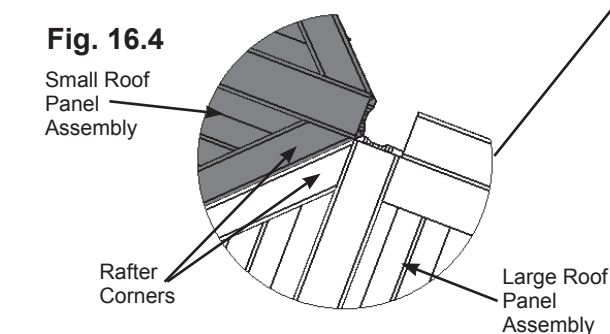


Fig. 16.4

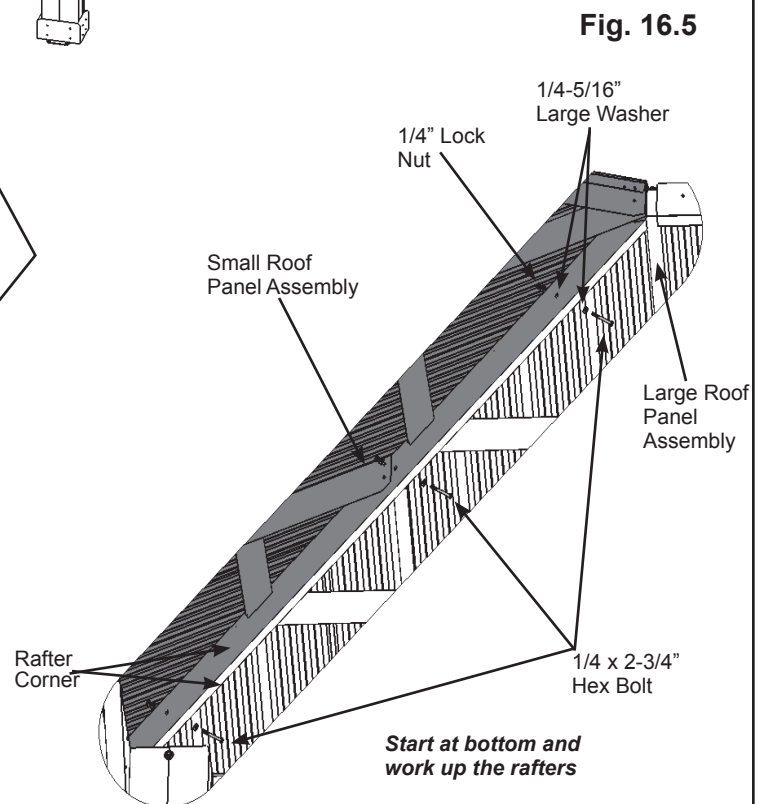


Fig. 16.5

Hardware

3 x 1/4 x 2-3/4" Hex Bolt
(1/4-5/16" large washer x 2, 1/4" lock nut)

Step 16: Attach Roof Panels to Frame Part 3



E: Lift second Large Roof Panel Assembly with Roof to Beam Brackets over Large Beam Assembly taking care not to drag the panel on the beams then set in place beside the Small Roof Panel Assembly. (fig. 16.6)

F: Starting at the bottom and working up connect Large Roof Panel Assembly to Small Roof Panel Assembly through the Rafter Corners with three 1/4 x 2-3/4" Hex Bolts (with two 1/4-5/16" large washers and one 1/4" lock nut). To align bolt holes helper on the centre ladder may have to push up in the centre of the panels and others make sure corners are aligned. Make sure all bolts are tight. (fig. 16.7)

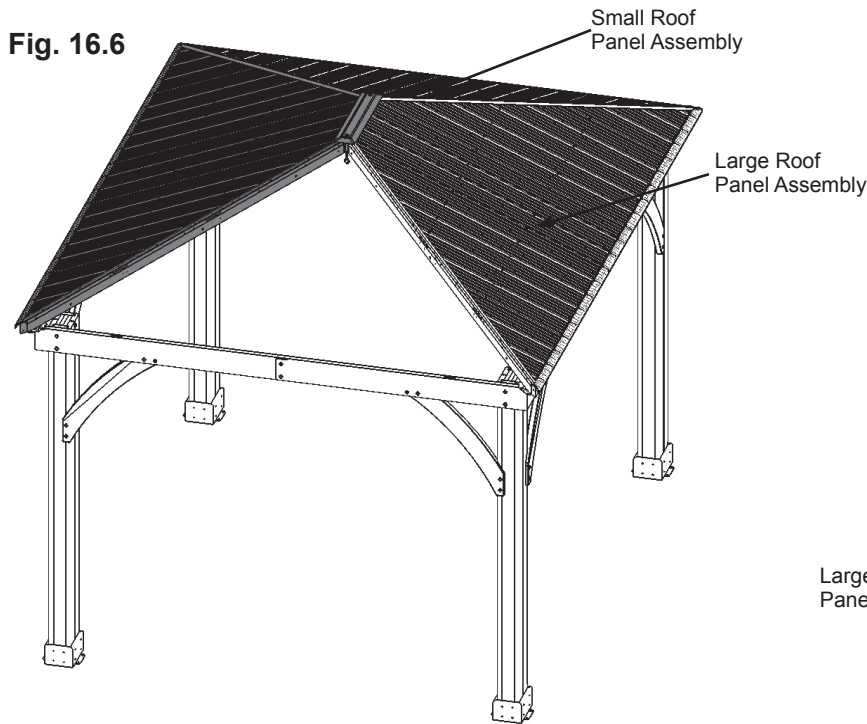
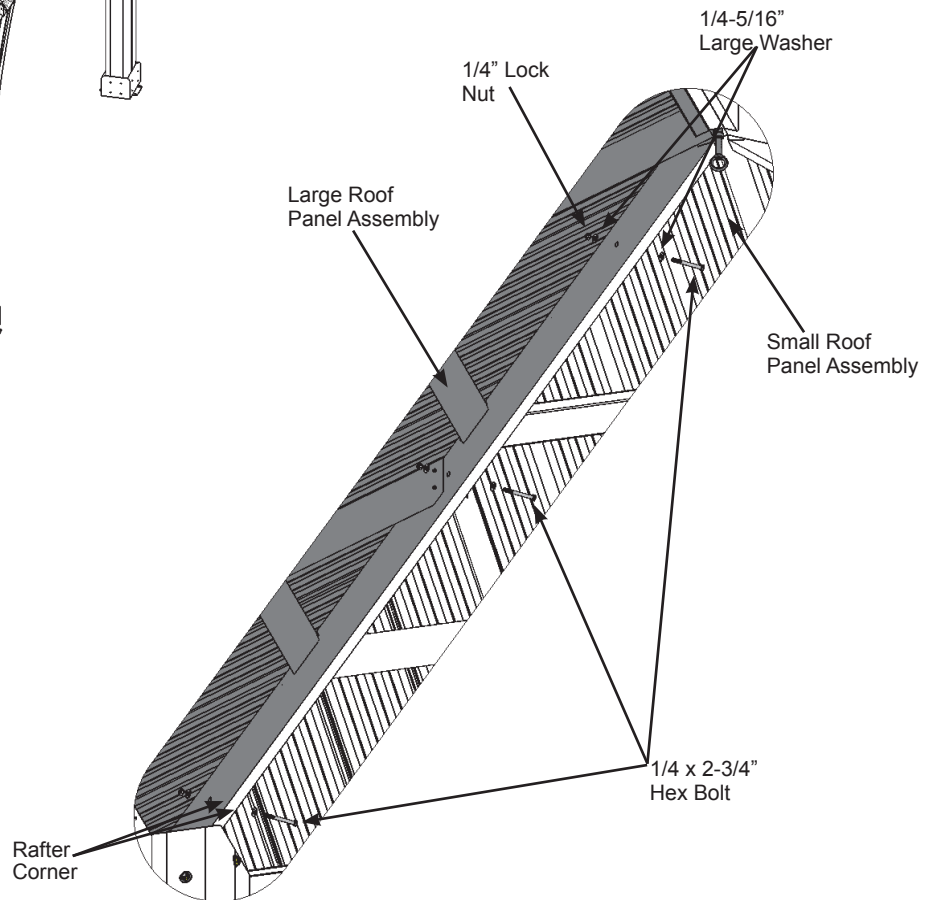


Fig. 16.7



Hardware

3 x 1/4 x 2-3/4" Hex Bolt
(1/4-5/16" large washer x 2, 1/4" lock nut)

Step 17: Roof Peak Assembly

A: Insert two Carriage Bolts with Contoured Washers through the top of Peak Cap Long, into Peak Post then Spring Clip. The Spring Clip holds the assembly together. (fig. 17.1 and 17.2)

B: Insert one 1/4" Nut into each Peak Loop. Be careful nut is loose and will fall out until attached to Peak Cap Assembly. (fig. 17.3)

Fig. 17.1

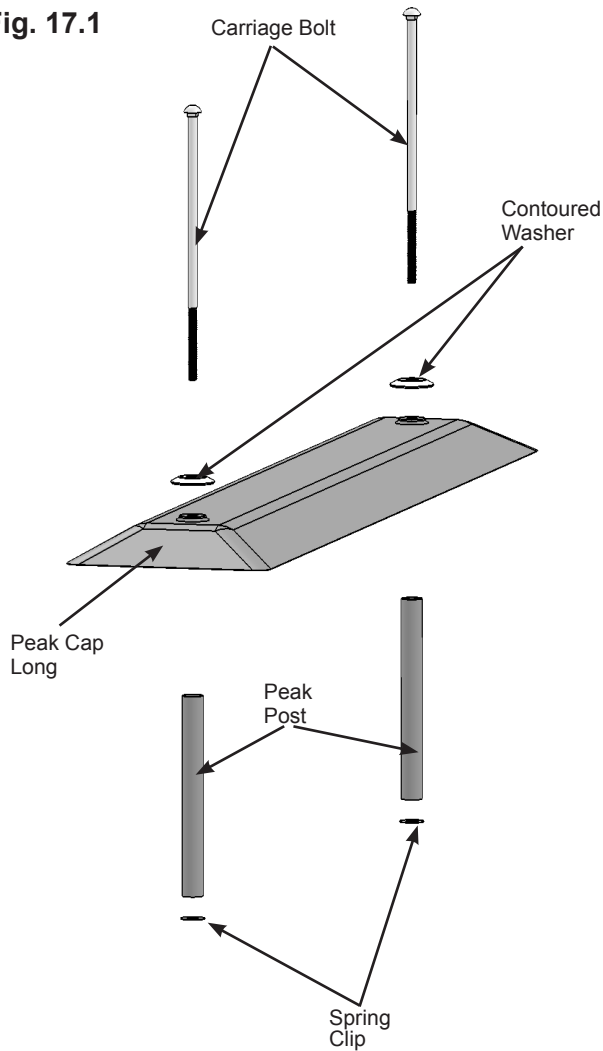


Fig. 17.2

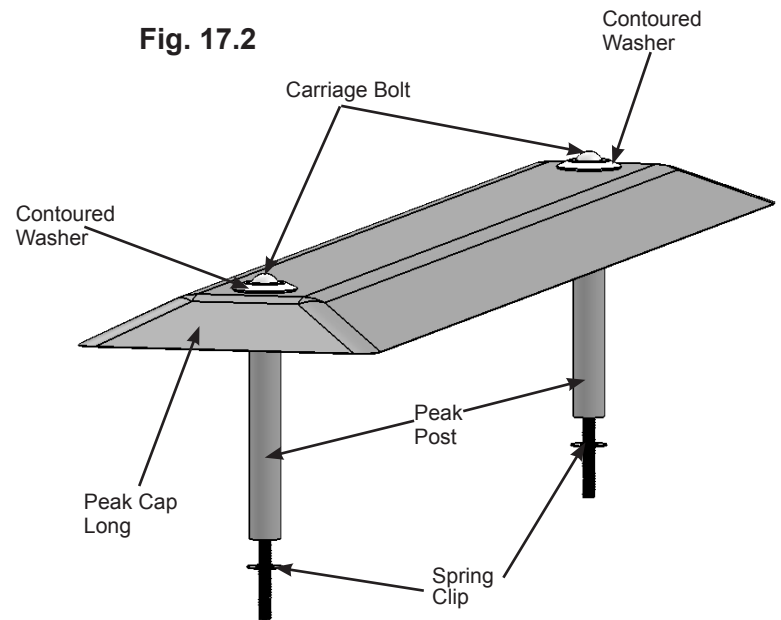
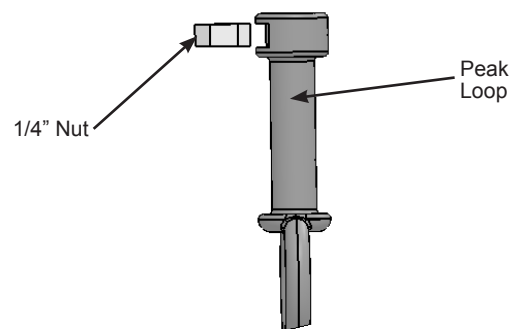


Fig. 17.3



Componets:

- | | |
|----------------------|-------------------|
| 1 x Roof Peak Set | 1 x Peak Cap Long |
| 2 x Carriage Bolt | 2 x Peak Post |
| 2 x Contoured Washer | |
| 2 x Peak Loop | |
| 2 x Spring Clip | |
| 2 x 1/4" Nut | |

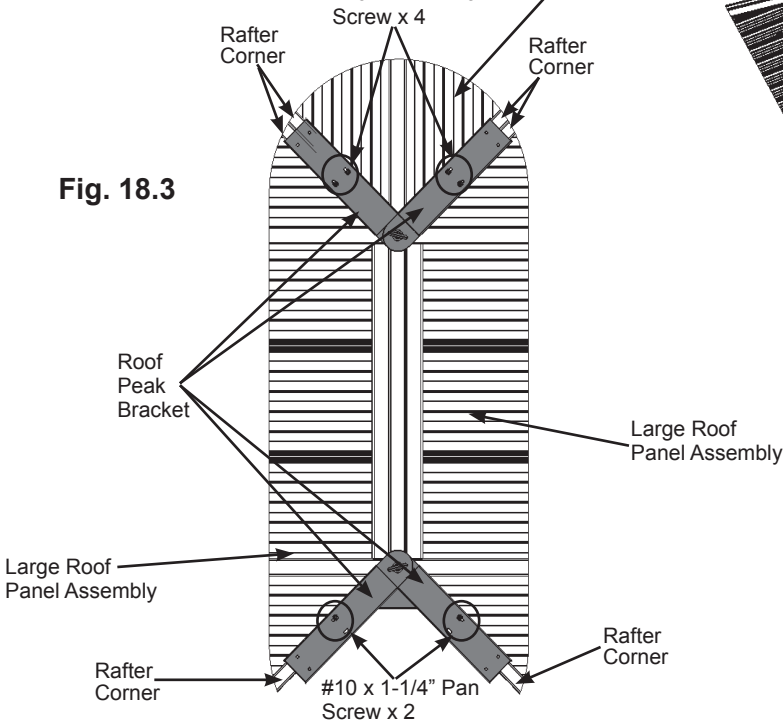
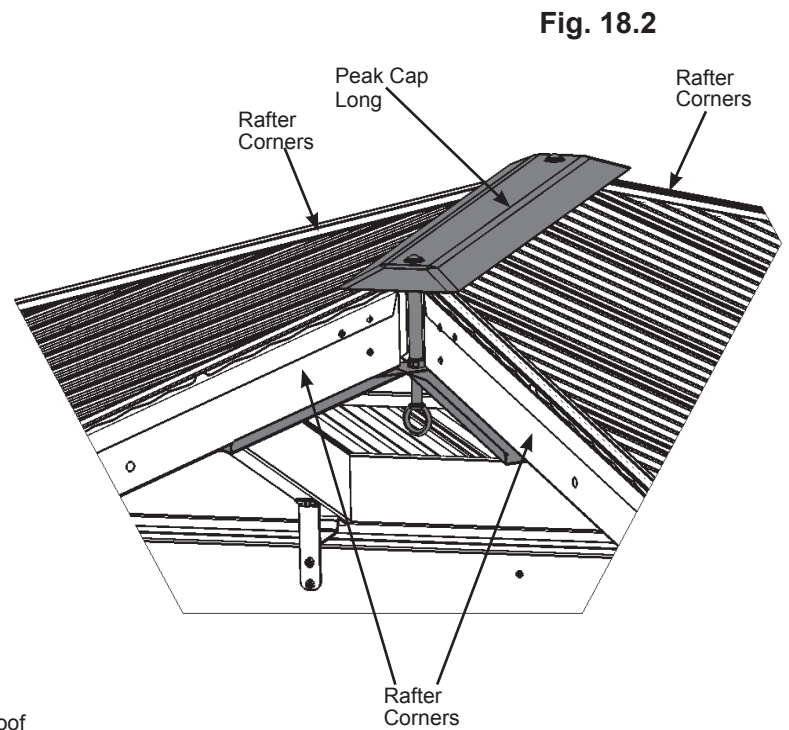
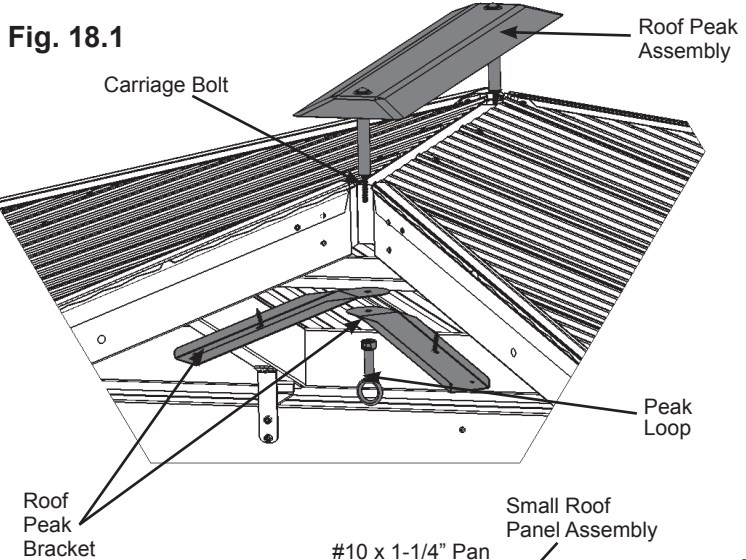
Step 18: Attach Roof Peak to Roof Panels



A: Insert Roof Peak Assembly in gap between Large and Small Roof Panels. Peak Cap Long to be lined up with Rafter Corners. (fig. 18.1 and 18.2)

B: Insert two Roof Peak Brackets through each Carriage Bolt and attach Peak Loop to Carriage Bolts then twist to tighten loosely.

C: Loosely attach one set of Roof Peak Brackets to the Rafter Corners of the connected Large and Small Roof Panels in the slotted holes with four #10 x 1-1/4" Pan Screws. On the second set of Roof Peak Brackets loosely attach to the Rafter Corners of Large Roof Panels with two #10 x 1-1/4" Pan Screws. (fig. 18.3)



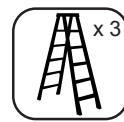
Components:

4 x Roof Peak Brackets

Hardware

6 x #10 x 1-1/4" Pan Screw

Step 19: Attach Final Roof Panel Part 1



A: Lift last Small Roof Panel Assembly (without Roof to Beam Brackets) over Short Beam Assembly taking care not to drag the panel on the beams. Panel fits under the Peak Cap Long, push up on Peak Loop to lift Peak Cap Long. The centre of the other panels may have to be pushed up to fit fourth panel. (fig. 19.1 and 19.2)

Fig. 19.1

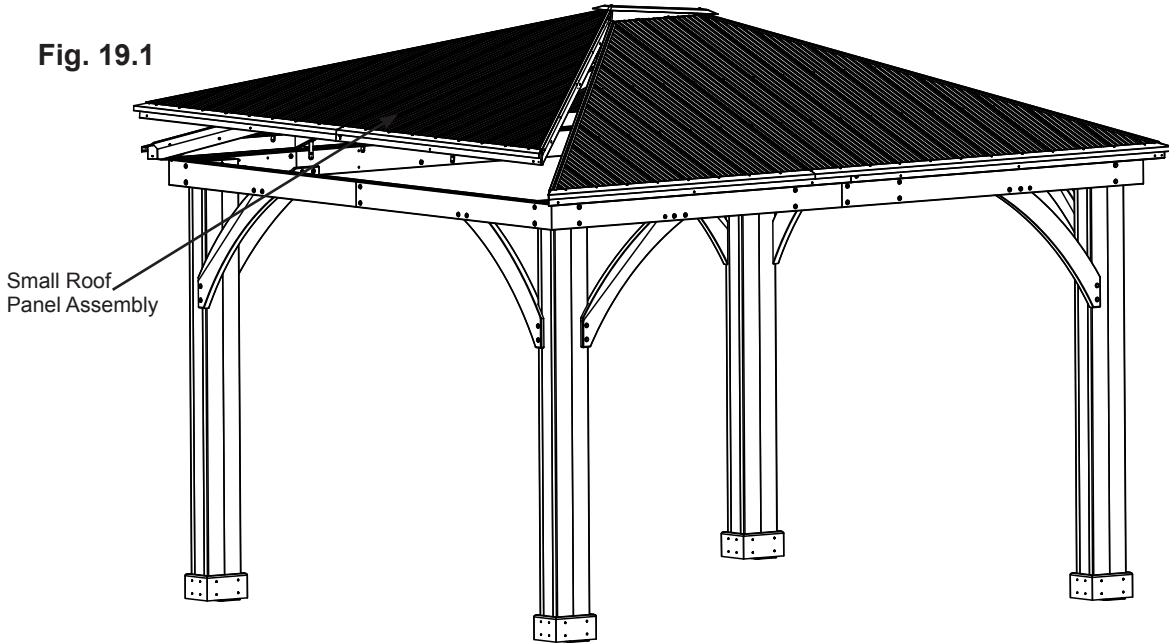
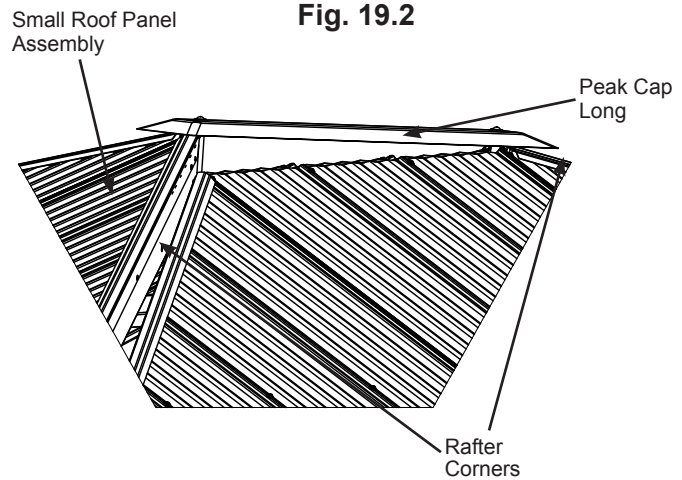


Fig. 19.2



Step 19: Attach Final Roof Panel Part 2



Remember to push up centre to assist with alignment.

B: Starting at the bottom and working up loosely connect Roof Panel Assemblies through the Rafter Corners with three 1/4 x 2-3/4" Hex Bolts (with two 1/4-5/16" large washers and one 1/4" lock nut) per side. To align bolt holes helper on the centre ladder may have to push up in the centre of the panels and others make sure corners are aligned. Tighten bolts when all six have been installed. (fig. 19.4 and 19.5)

Rafter Corners should be aligned with Roof to Post Bracket.

Fig. 19.4

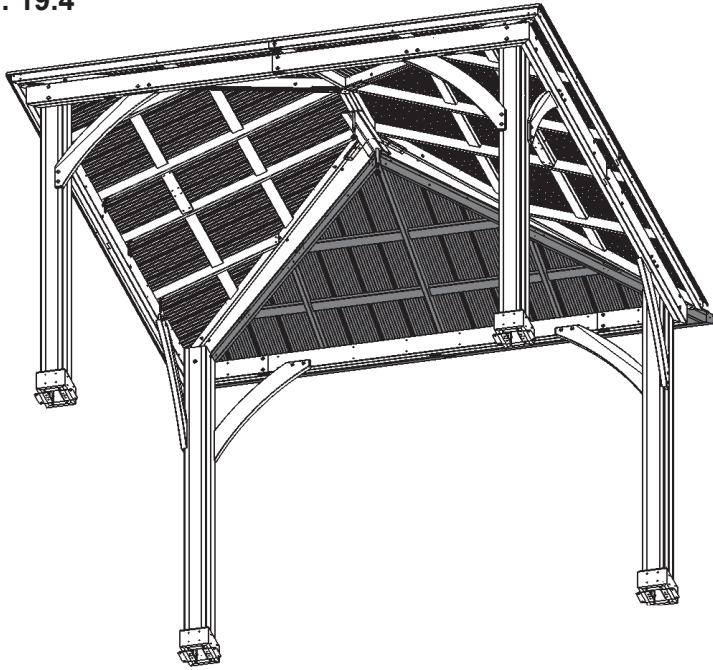
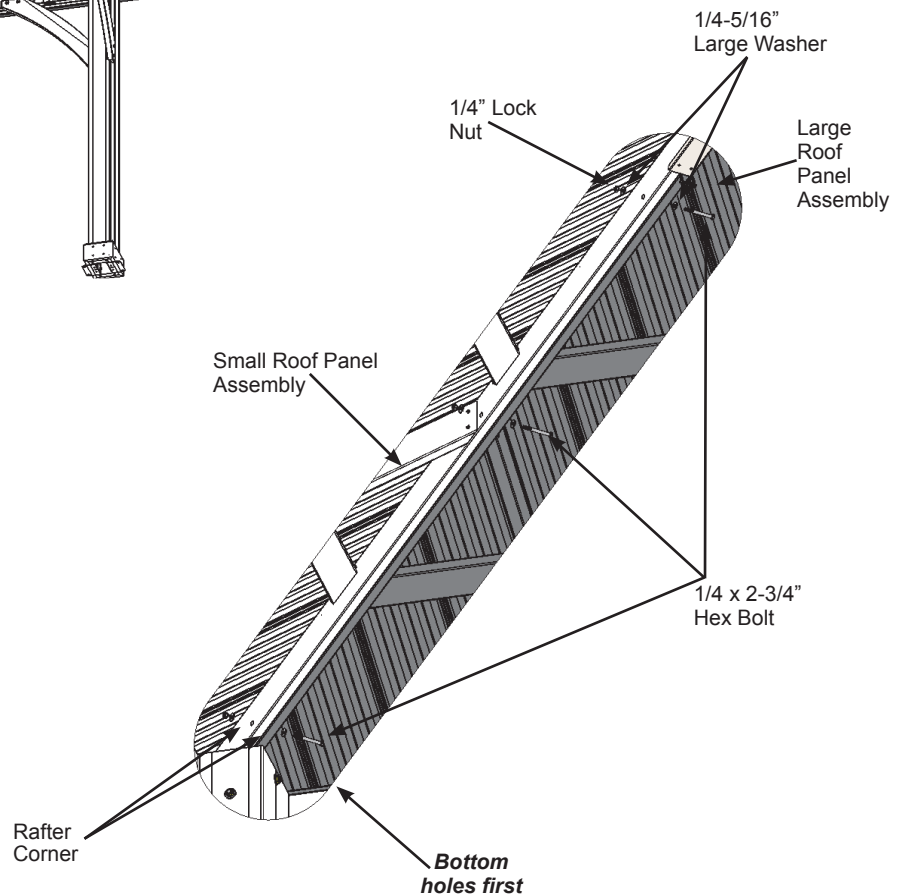


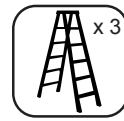
Fig. 19.5



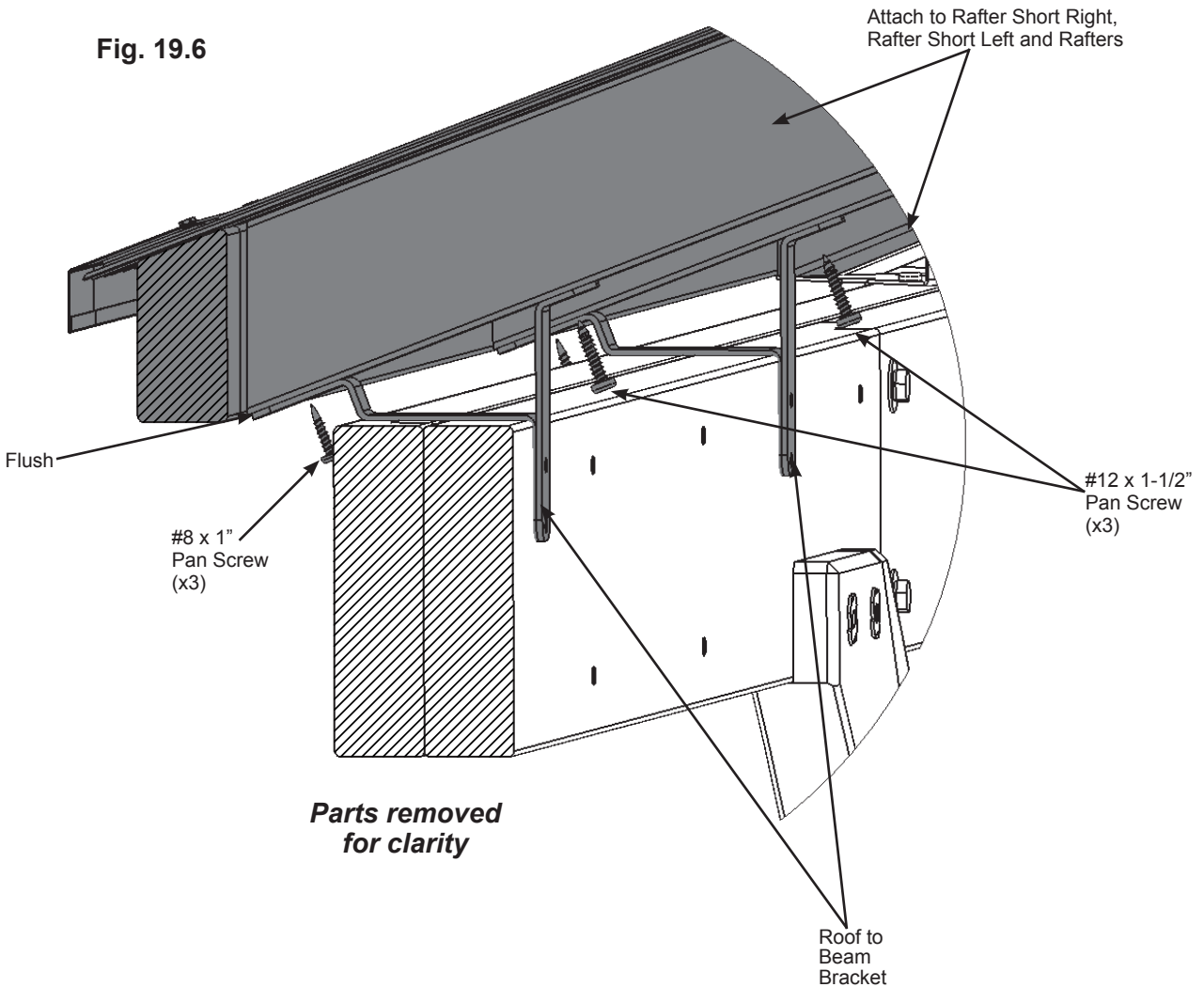
Hardware

6 x 1/4 x 2-3/4" Hex Bolt
(1/4-5/16" large washer x 2, 1/4" lock nut)

Step 19: Attach Final Roof Panel Part 3



C: On the Small Roof Rafter Assembly just installed, centred and flush to the bottom of (442) Rafter Short Right, (441) Rafter Short Left and (440) Rafter attach one Roof to Beam Bracket per board with one #8 x 1" Pan Screw in the bottom hole and one #12 x 1-1/2" Pan Screw in the top hole per bracket. (fig. 19.6)



Componets:

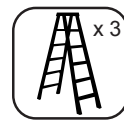
3 x Roof to Beam Bracket

Hardware

3 x #8 x 1" Pan Screw

3 x #12 x 1-1/2" Pan Screw

Step 20: Secure Roof Corners



A: Make sure middle Roof to Beam Brackets are flush and tight to the Beam Assemblies. Lift in centre if needed.

B: From outside the assembly attach Roof Panel Assemblies together at the Fascia Beam Assembly Ends with two #8 x 2-1/2" Wood Screws per corner. A helper may need to lift the centre of the roof to bring the corners tight together. (fig. 20.1 and 20.2)

C: Align Roof Panel Assemblies to sit centred on Roof to Post Brackets then attach with two #8 x 1" Pan Screws per bracket. (fig. 20.2)

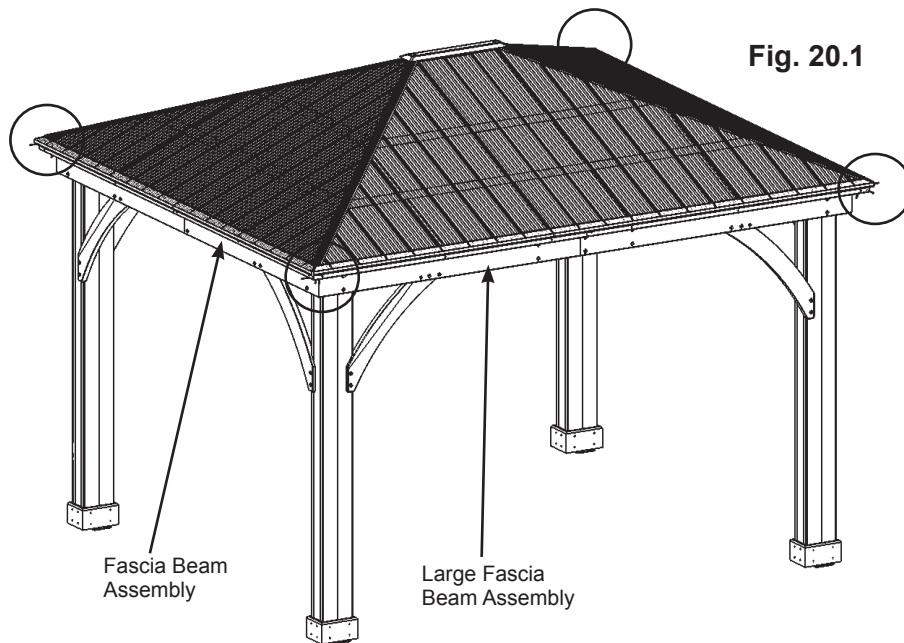


Fig. 20.1

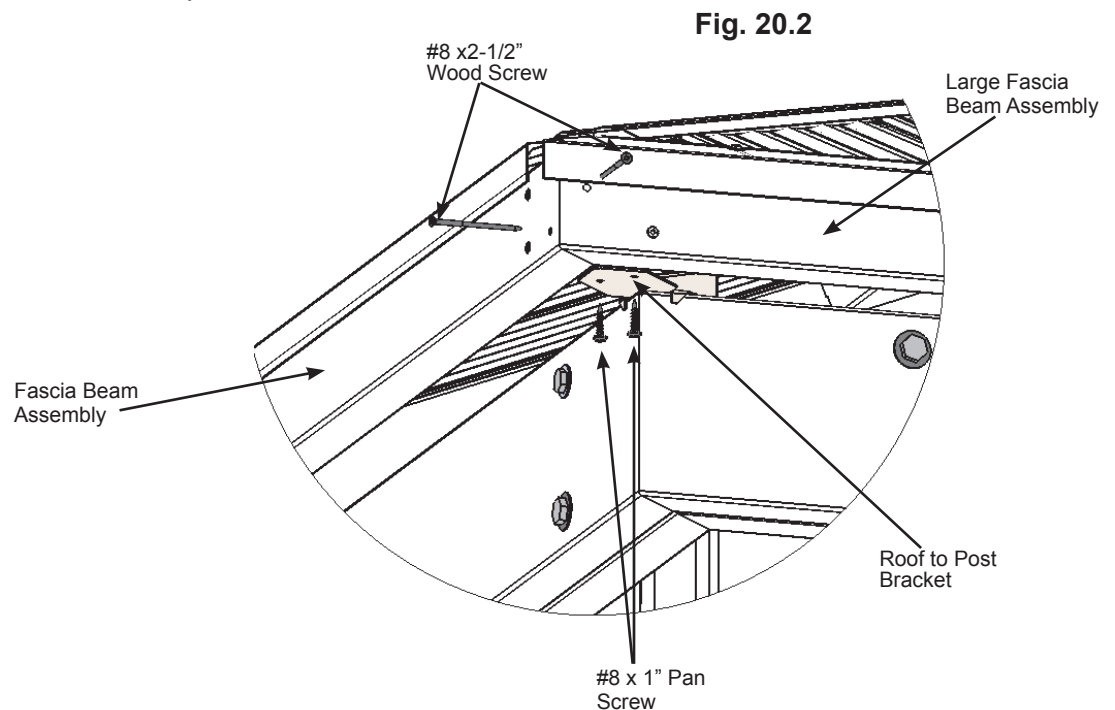


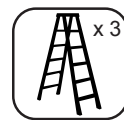
Fig. 20.2

Hardware

8 x #8 x 2-1/2" Wood Screw

8 x #8 x 1" Pan Screw

Step 21: Attach Corner and Beam Caps



A: At each corner place one Corner Cap tight to Fascia Assemblies, push up so the bottom is tight to the bottom of the assemblies then attach with four #8 x 3/4" Sheet Metal Screws per Corner Cap. (fig. 21.1 and 21.2)

Fig. 21.1

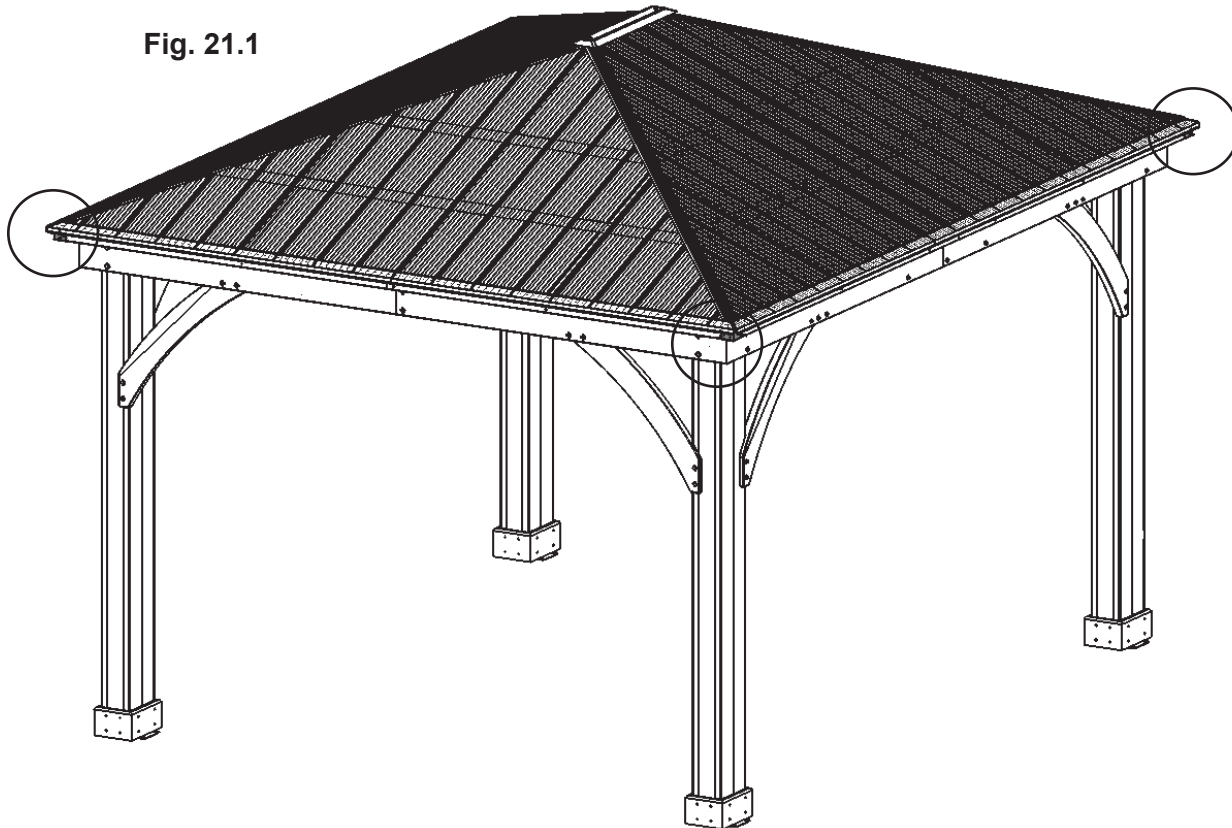
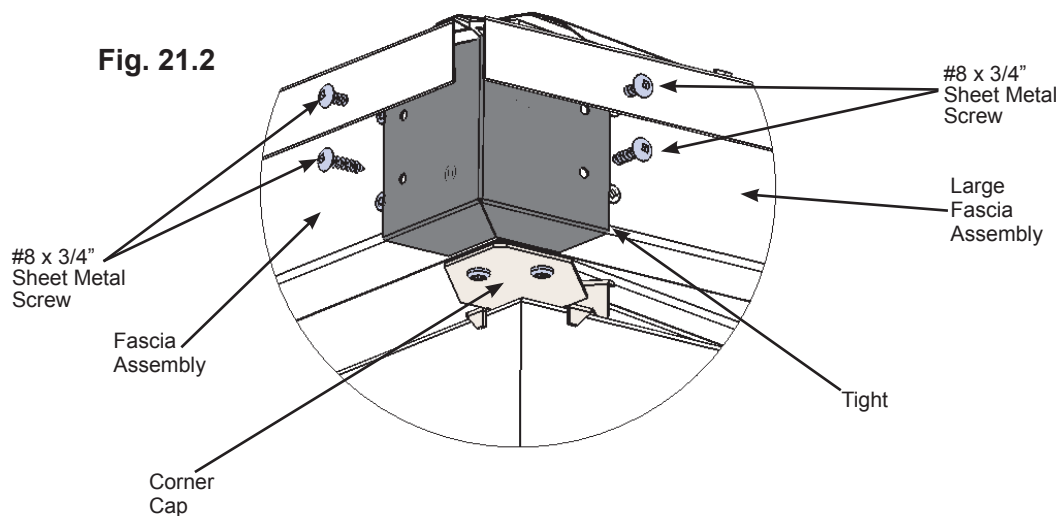


Fig. 21.2



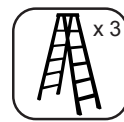
Componets:

4 x Corner Cap

Hardware

16 x #8 x 3/4" Sheet Metal Screw

Step 22: Secure Roof to Beam Brackets



A: From inside the assembly attach Roof to Beam Brackets to Beam Assemblies with two #12 x 1-1/2" Pan Screw per bracket. (fig. 22.1 and 22.2)

Fig. 22.1
Inside View

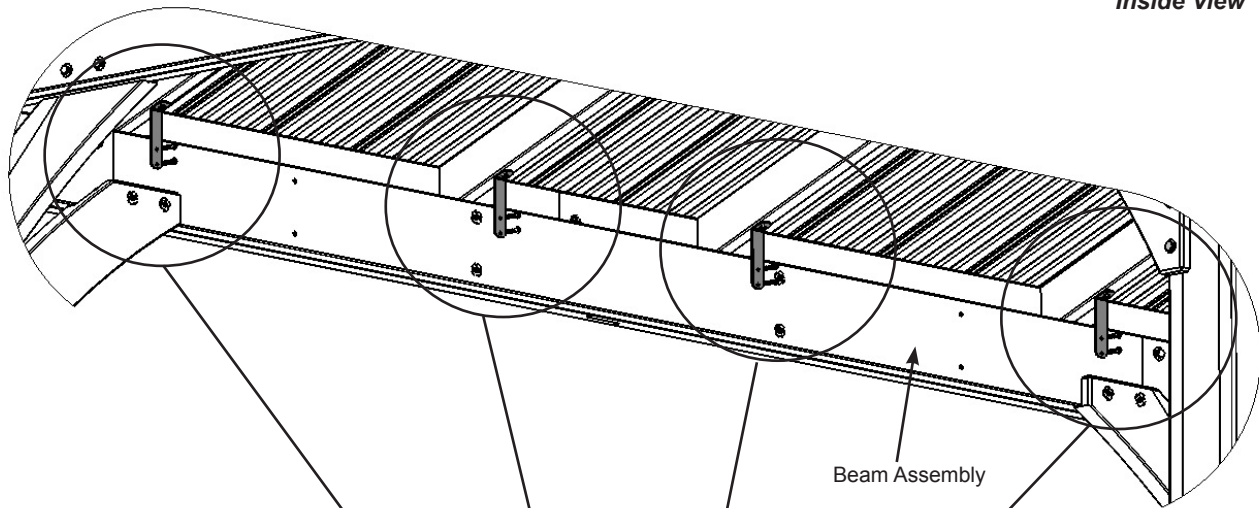
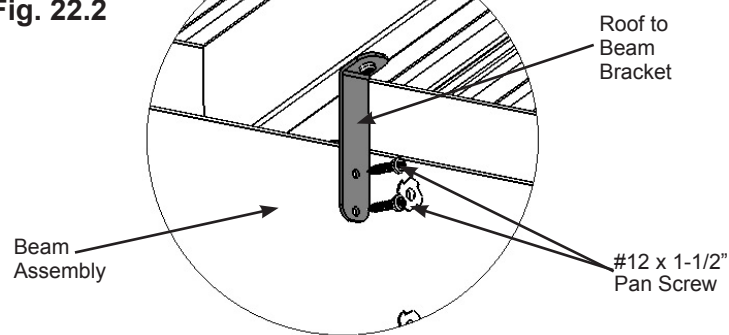


Fig. 22.2



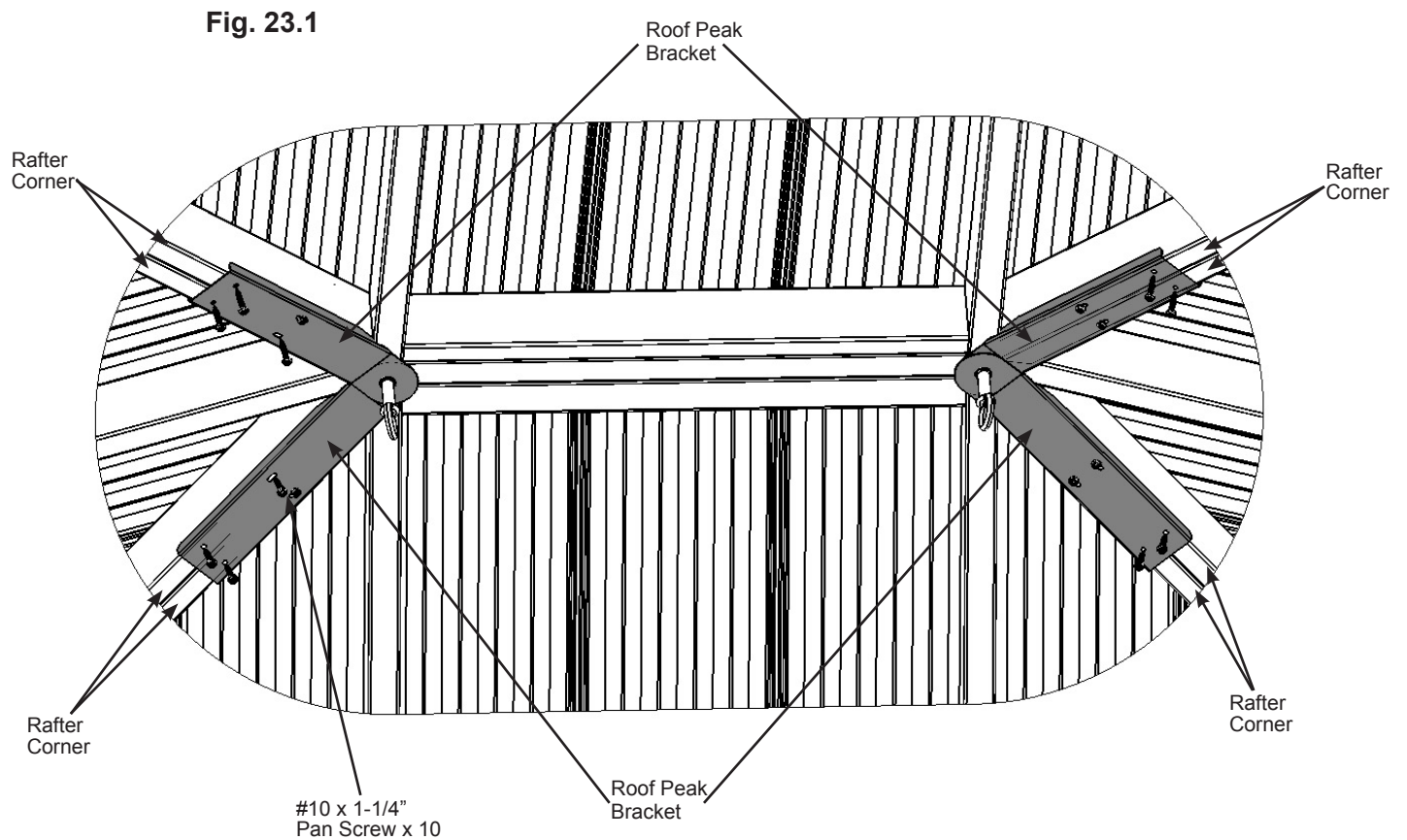
Hardware

28 x #12 x 1-1/2" Pan Screw

Step 23: Secure Roof Peak Brackets



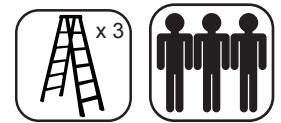
A: Tighten the six screws in Roof Peak Brackets then attach to Corner Rafters in the remaining holes with ten #10 x 1-1/4" Pan Screws. (fig. 23.1)



Hardware

10 x #10 x 1-1/4" Pan Screw

Step 24: Attach Ridge Caps to Roof Panels



A: Slide one Ridge Cap Long 81.5 over the Ridge Clips, with cut end leading, on each corner of the assembly from the bottom up. Slide Ridge Cap Short 25.2 over the Ridge Clips leading with the insert end to push the Ridge Cap Long 81.5 to the top, lifting Peak Cap Long by pushing up the Peak Loop so Ridge Cap Long 81.5s fit under Peak Cap Long. Attach with two #8 x 3/4" Sheet Metal Screws per Ridge Cap set. (fig. 24.1, 24.2, 24.3, 24.4 and 24.5)

B: Tighten Loop to secure Roof Peak Set.

Fig. 24.1

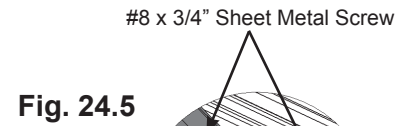
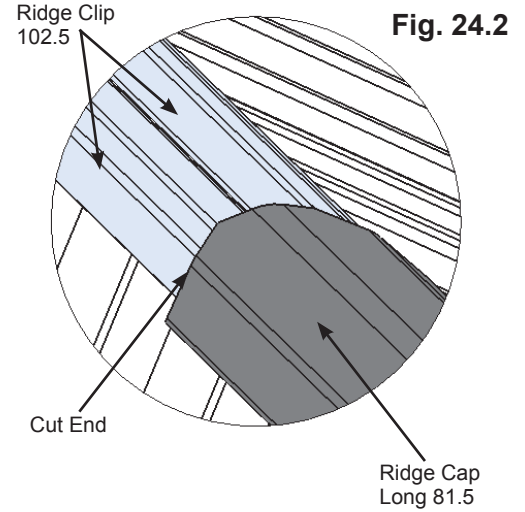
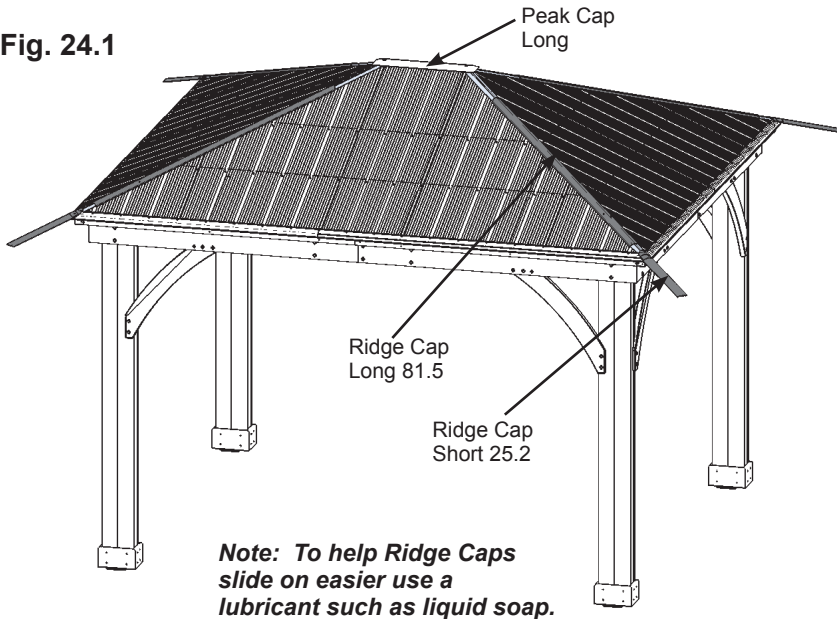


Fig. 24.4

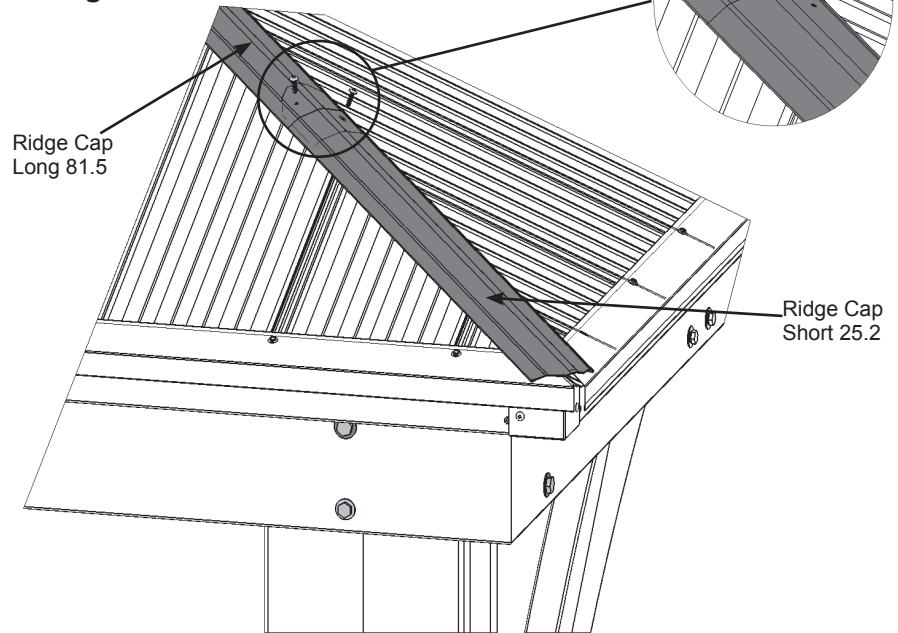
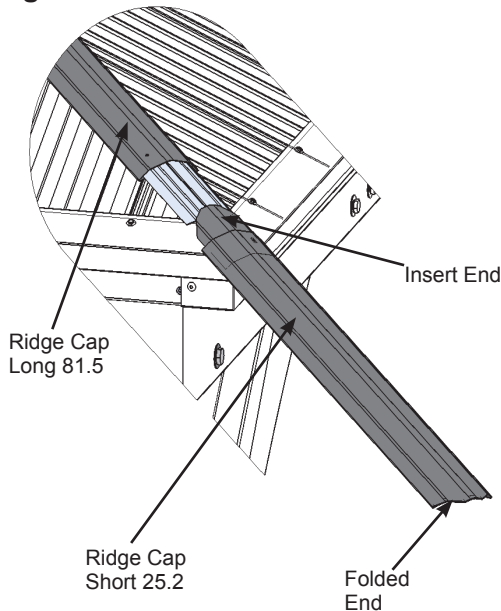


Fig. 24.3



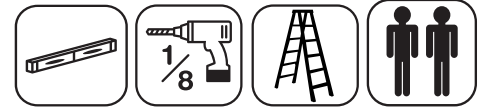
Components:

- 4 x Ridge Cap Long 81.5
- 4 x Ridge Cap Short 25.2

Hardware

- 8 x #8 x 3/4" Sheet Metal Screw

Step 25: Attach Tie Wrap Brackets and Ties

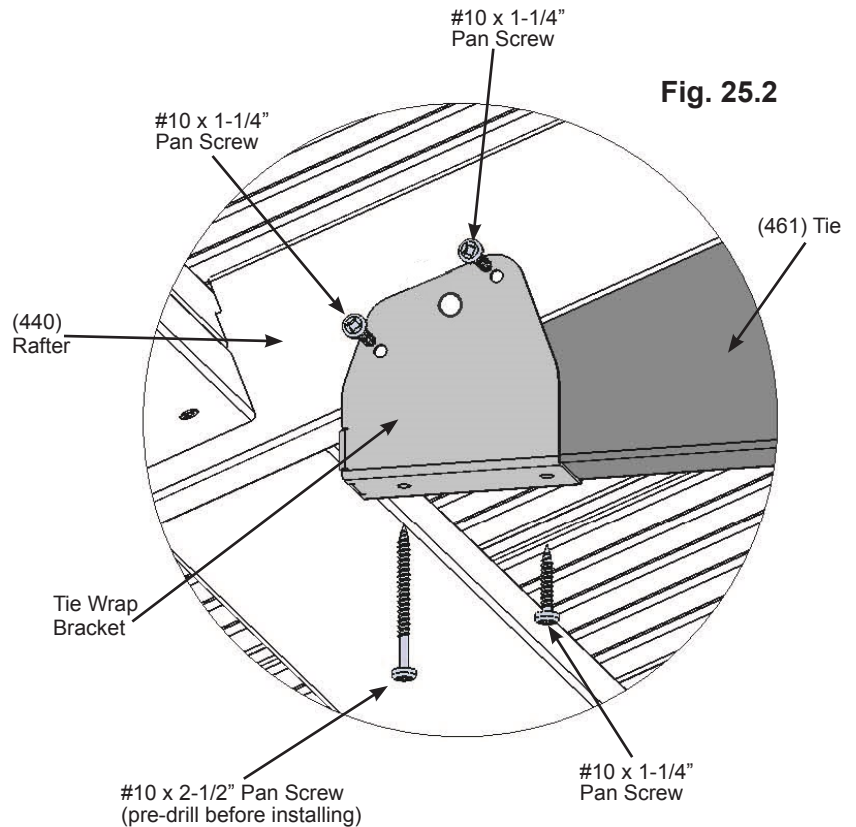
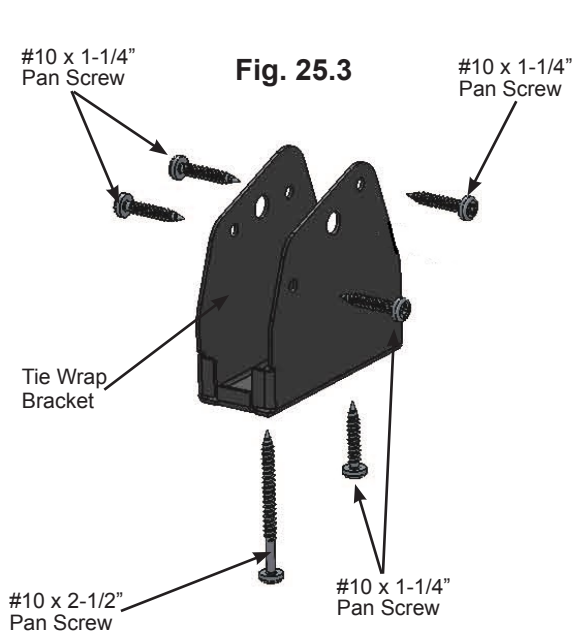
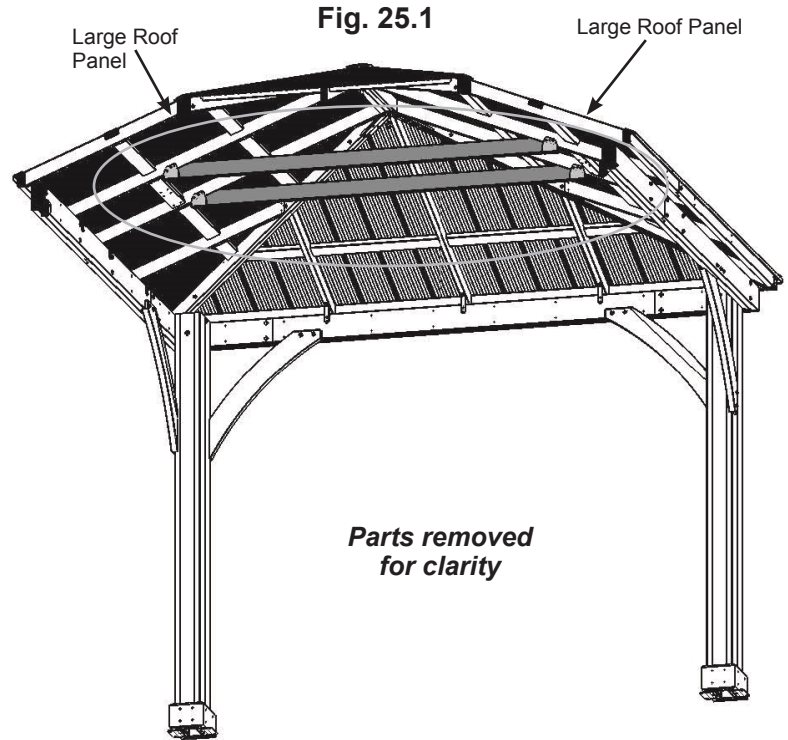


A: Attach one Tie Wrap Bracket to each end of one (461) Tie with one #10 x 1-1/4" Pan Screw per bracket using the inside holes. (461) Tie is tight to end of bracket. (fig. 25.1, 25.2 and 25.3)

B: With a helper place (461) Tie with brackets against a (440) Rafter on each Large Roof Panel so (461) Tie is tight to (440) Rafters and level. Attach Tie Wrap Bracket to (440) Rafters with two #10 x 1-1/4" Pan Screws on both sides of each bracket (fig. 25.1, 25.2 and 25.3)

C: Pre-drill with a 1/8" drill bit and secure Tie Wrap Brackets to (461) Tie and (440) Rafter with one #10 x 2-1/2" Pan Screw per bracket. (fig. 25.1, 25.2 and 25.3)

D: Repeat Steps A to C for a second (461) Tie.



Wood Parts

2 x (461) Tie

Hardware

20 x #10 x 1-1/4" Pan Screw
4 x #10 x 2-1/2" Pan Screw

Componets:

4 x Tie Wrap Bracket

Step 26: Metal Hooks and Plaque Part 1



A: Two 50 mm Hooks are included with this unit for attaching wiring. They can be placed anywhere along the Rafter Corners as needed. Pre-drill with a 1/8" drill bit before installing. (fig. 26.1 and 26.2)

B: One Eye Lag is included with this unit for hanging items with a maximum weight of 22 lbs (10 kg). Pre-drill with a 1/8" drill bit into centre of (463) Spacer Top then install Eye Lag. (fig. 26.1 and 26.3)

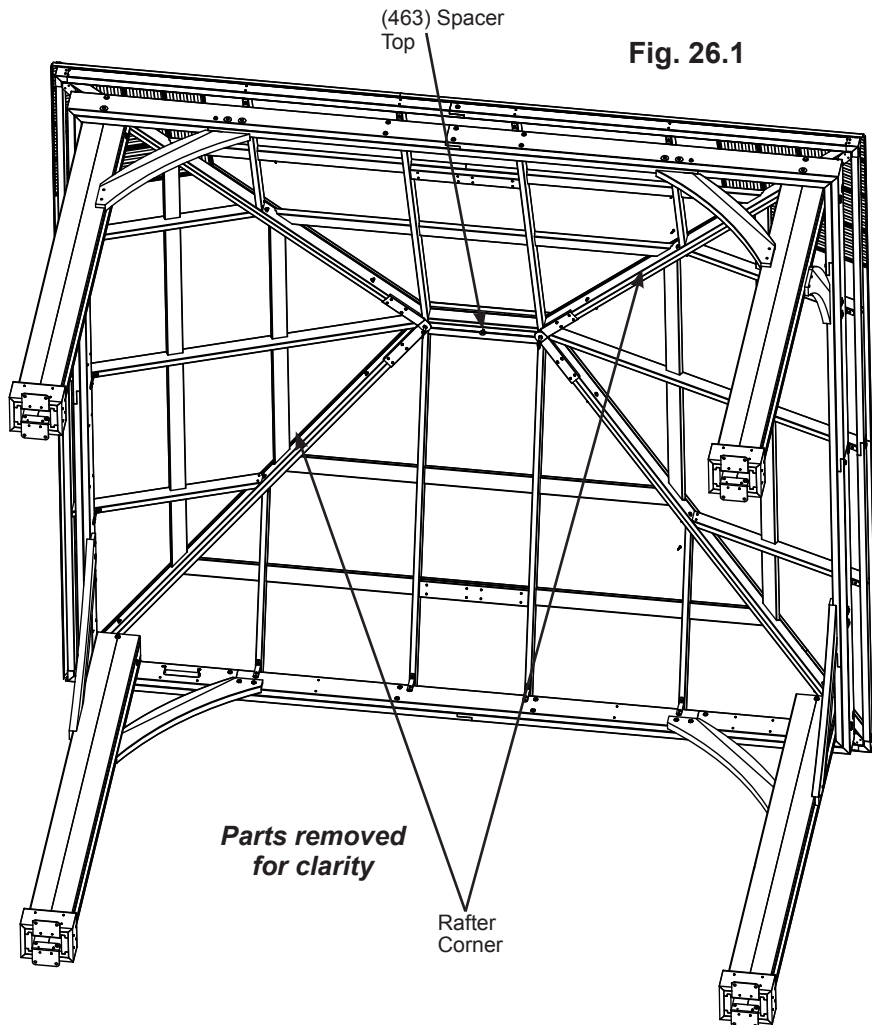


Fig. 26.1

Note: DO NOT ATTACH ANY PRODUCT WHICH WEIGHS GREATER THAN 22 LBS (10 KG) TO THE EYE LAG

Note: We have provided two 50 mm hooks for optional use to hold in place any wires if required. These hooks are not designed to hold any heavy products such as lights, flower pots, etc.

Fig. 26.2

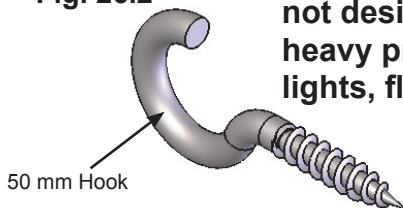
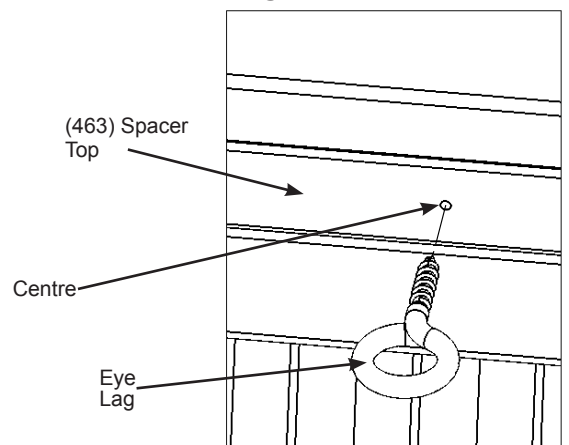


Fig. 26.3



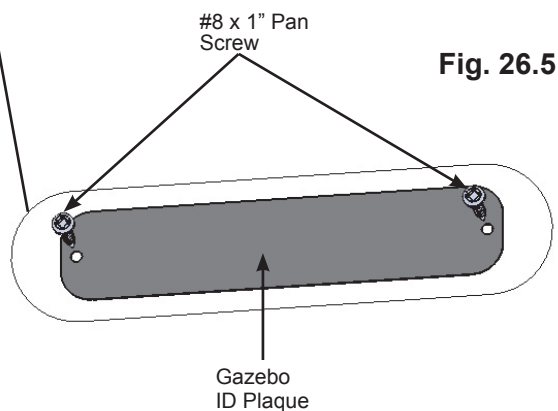
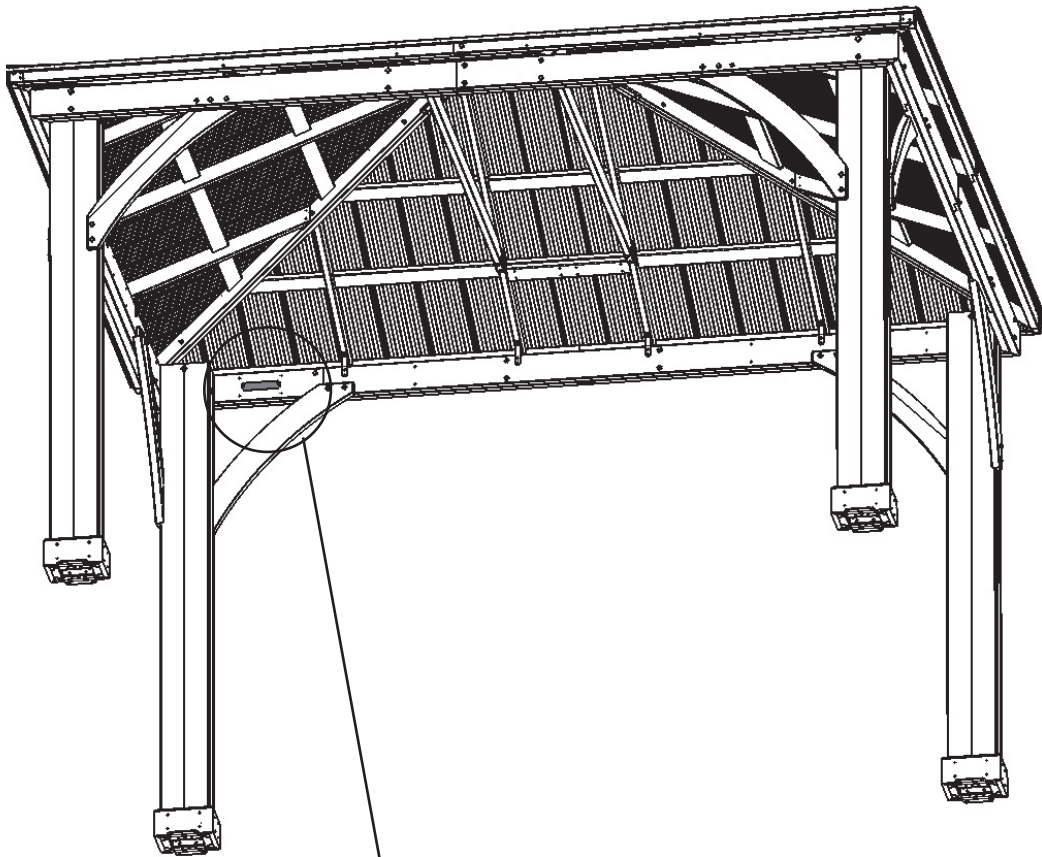
Hardware

- 2 x 50 mm Hooks
- 1 x Eye Lag

Step 26: Metal Hooks and Plaque Part 2

C: Attach Gazebo ID Plaque to a prominent location on your gazebo with two #8 x 1" Pan Screws. This provides warnings concerning safety and important contact information. A tracking number is provided to allow you to get critical information or order replacement parts for this specific model. (fig. 26.4 and 26.5)

Fig. 26.4



Componets:

1 x Gazebo ID Plaque

Hardware

2 x #8 x 1" Pan Screw



Customer Registration Card - Tarjeta de Registro del Cliente - Carte d'inscription du client

First Name - Primer Nombre - Prénom	Initial - Inicial - Initiale	Last Name - Apellido - Nom de famille

Street - Calle - Rue	PO Box - Casilla postal - Boîte postale	Apt. No. - App.

City - Ciudad - Ville	State/Province - Estado/Provincia - État/Province

ZIP/Postal Code - Código Postal - ZIP/Code postal	Country - País - Pays

E-mail Address - Dirección de E-mail - Adresse courriel	Telephone Number - No. de Teléfono - N° de téléphone

Model Name - Nombre del Modelo - Nom du modèle	Model Number (from front cover) - Número de Modelo (de la portada) - N° du modèle (page de couverture)

Date of Purchase - Fecha de Compra - Date d'achat (mm/dd/yyyy) (mm/dd/aaaa) (mm/jj/aaaa)	Place of Purchase - Comprado a - Lieu d'achat

Comments - Comentarios - Commentaires:

Mail To - Enviar por Correo a - Envoyer par courrier à:

Yardistry
375 Sligo Road West, PO Box 10
Mount Forest, Ontario, Canada, N0G 2L0
Attention: Consumer Relations
Atención a: Servicio de Atención al Cliente
À l'attention de: Service à la clientèle
















Online Registration - Registro online - Enregistrement en ligne:

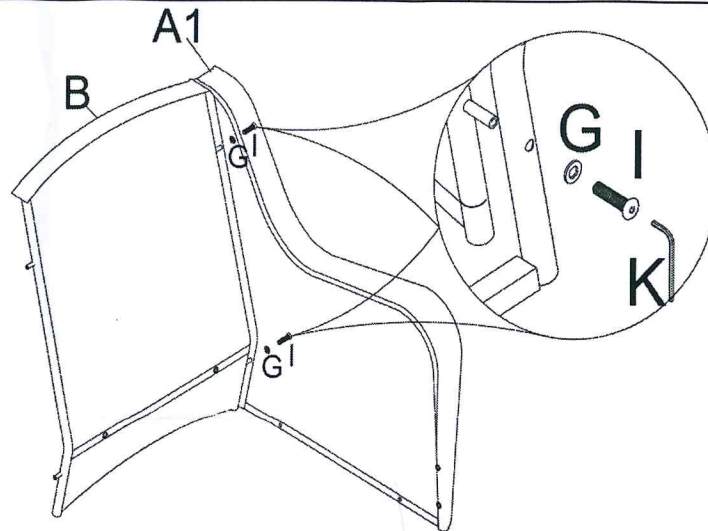
<http://yardistrystructures.com/warranty.php>

Yardistry would like to say "Thank you" for your time and feedback.
Yardistry quiere "Agradecerle" por su tiempo y su opinión.
Yardistry aimerait vous remercier d'avoir pris le temps de répondre au sondage.

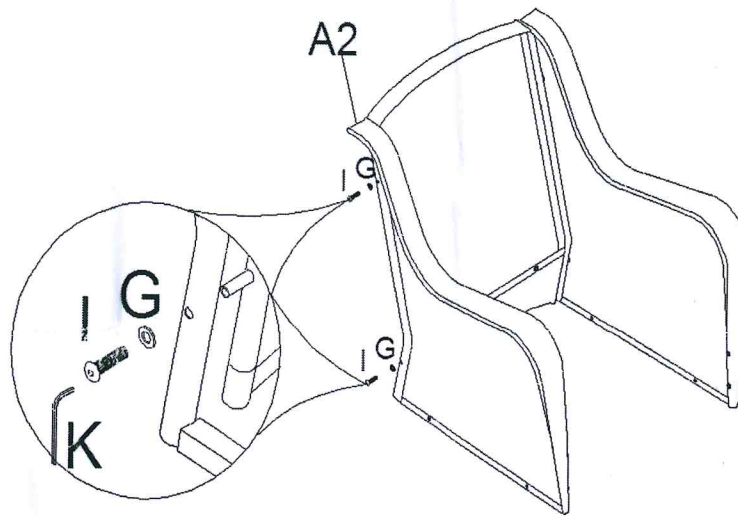
MOTION CHAIR

Parts List:

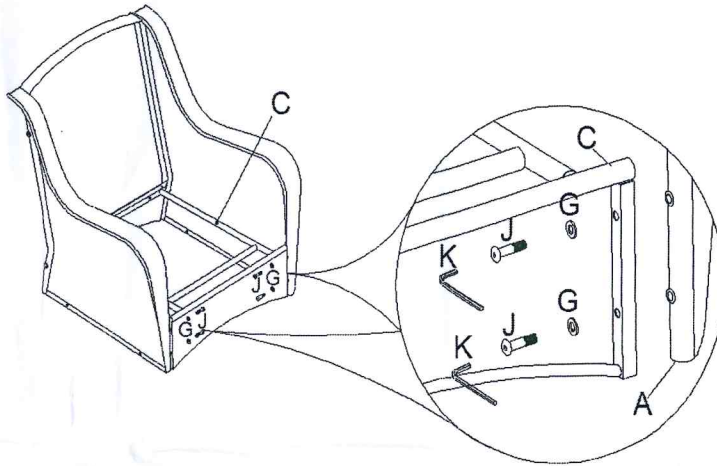
NO.	Part	Qty	Image	NO.	Part	Qty	Image
A1	Left Arm	1		A2	Right Arm	1	
B	Chair Back	1		C	Seat Panel	1	
D	U-shaped Fitting	1		E	Chair Base	1	
F	Spring washer	4		G	Washer	18	
H	Nut	8		I	Screw(φ6x15mm)	4	
J	Screw(φ6x35mm)	14		K	Allen Wrench	1	
L	Open end Wrench	1		M	Seat Cushion	1	
N	Back Cushion	1					



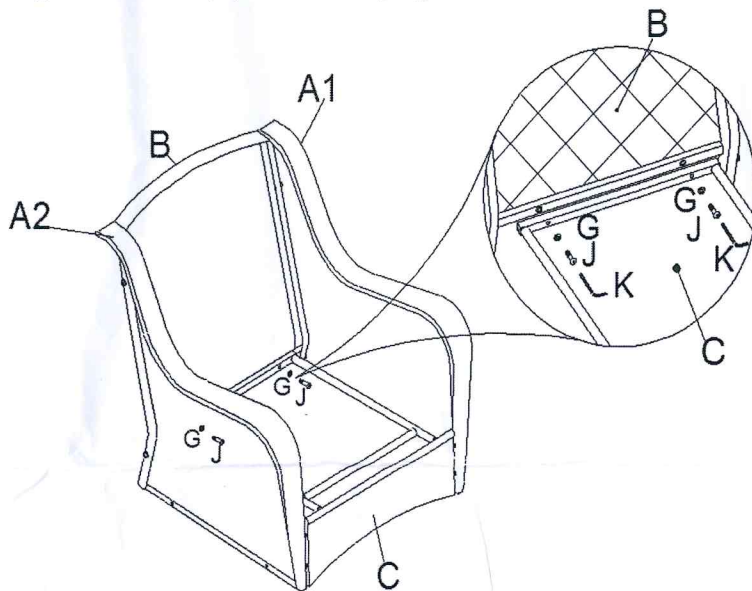
STEP 1: Secure chair back (B) to left arm (A1) with 2 Screws (I) and 2 washers (G) by using allen wrench (K). Do not tighten all screws now.



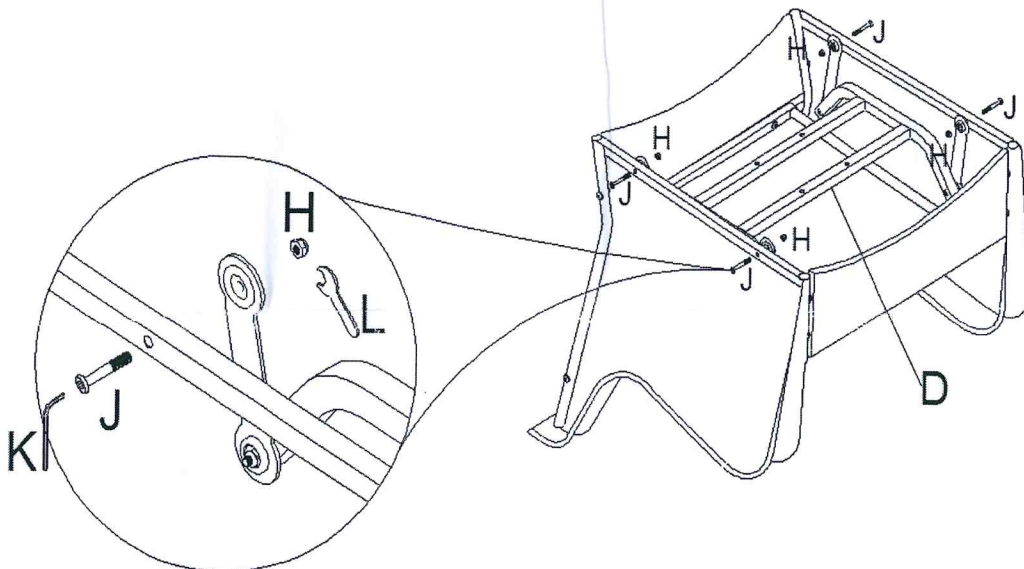
STEP 2: Secure right arm (A2) to assembled chair back (B) with 2 Screws (I) and 2 washers (G) by using allen wrench (K). Do not tighten all screws now.



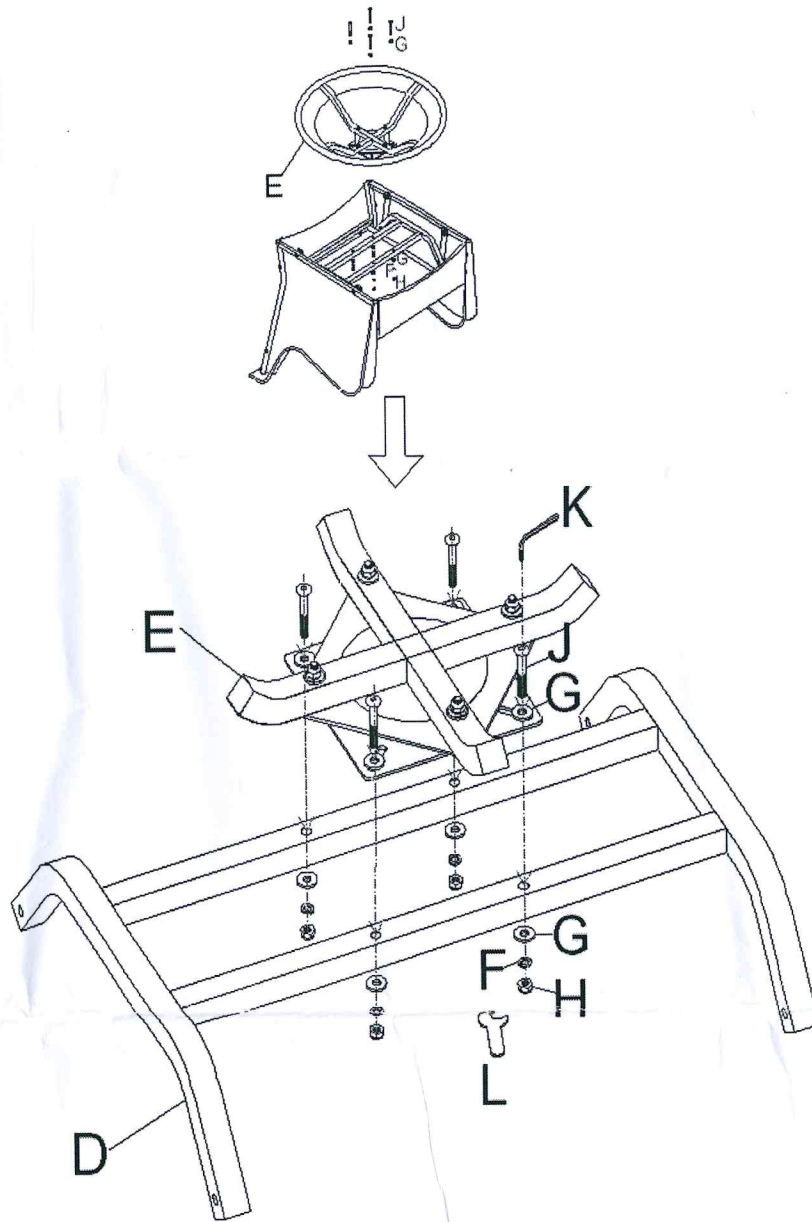
Step 3: Secure seat panel (C) to assembled left and right arms (A1.A2) with 4 screws (J) and 4 washer (G) by using allen wrench (K). Do not fully tighten now.



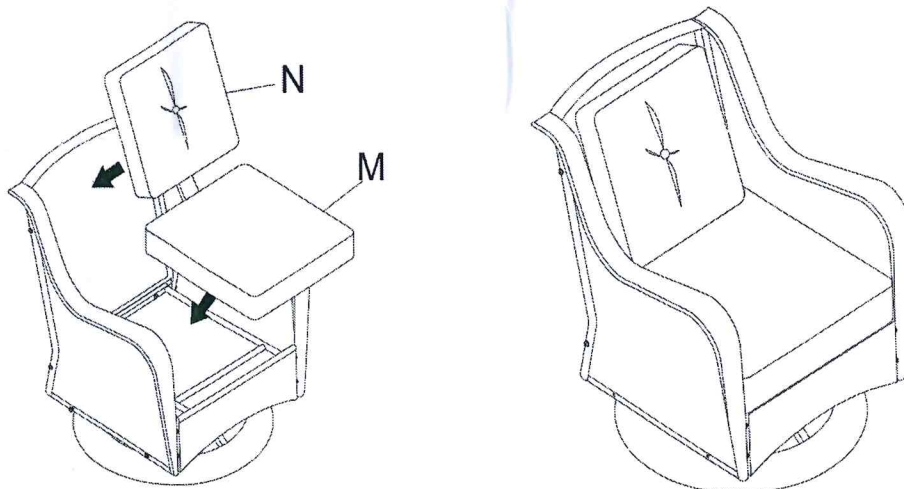
Step 4: Secure seat panel (C) to assembled chair back (B) with 2 screws (J) and 2 washer (G) by using allen wrench (K), verify the alignment and adjust, fully tighten all the screws now.



Step 5: Turn over the assembled chair bucket and secure the swing arm on U-shaped fitting (D) to the bottom tube of left arm (A1) and right arm (A2) with 4 screws (J), and 4 nuts (H) with allen wrench (K) and wrench (L). PLEASE FIX TWO SCREWS IN DIAGONAL POSITION TO KEEP THE BALANCE THEN FIX THE OTHER TWO SCREWS.



Step 6: Push the top plate on the base (E) with different position to make the holes open for ready assembling . Connect the 4 screws (J) through the holes of the plate on the base (E) and the holes on the tube of U-shaped fitting (D) with 8 washers (G) , 4 spring washer (F) and 4 Nuts (H) by using allen wrench (K) and open end wrench (L) . **NOTE: THIS STEP IS VERY IMPORTANT. DO READ THE INSTRUCTION AND DIAGRAM CAREFULLY.**

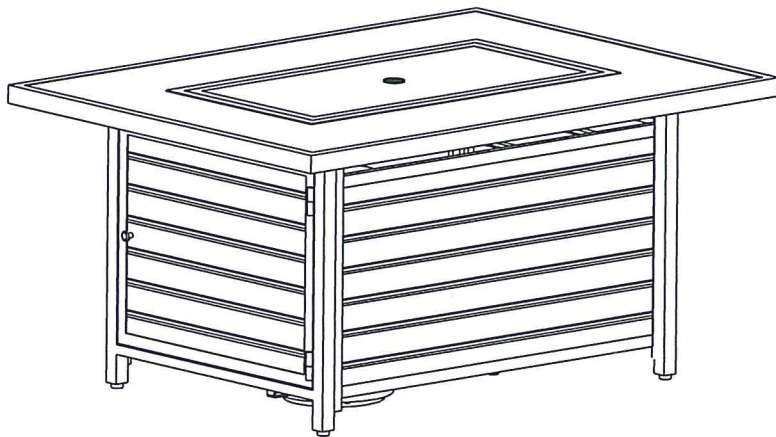


STEP 7 & 8: Put seat cushion (M) and back cushion (N) on the chair. The glider is assembled.

Stained-Wood-Look Rectangle Aluminum LPG Fire Pit

Item#: 63964

***ELECTRONIC IGNITER!**
Requires AAA Battery (not included)



Installation Precaution

This fire pit requires a minimum 18 inches of cross-ventilation in all directions.
Failure to provide proper ventilation can void the warranty.



ATTACH YOUR RECEIPT HERE

Keep a copy of your proof of purchase or order confirmation which will be needed if you need to contact us about warranty coverage.

Purchase Date: _____

Conforms to ANSI STD Z21.97-2017,
Certified to CSA STD 2.41-2017 Outdoor decorative gas appliances

WARNING FOR YOUR SAFETY

1. Improper installation, adjustment, alteration, service or maintenance can cause injury or property damage.
2. Read the installation, operation, and maintenance instructions thoroughly before installing or servicing this equipment.
3. Failure to follow these instructions could result in fire or explosion, which could cause property damage, personal injury, or death.

WARNING

For Outdoor Use Only

WARNING

This product can expose you to chemicals including Carbon Monoxide, Lead, Chromium (hexavalent compounds), Di(2-ethylhexyl) phthalate (DEHP) and Diisononyl phthalate (DINP), which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to www.P65Warnings.ca.gov.

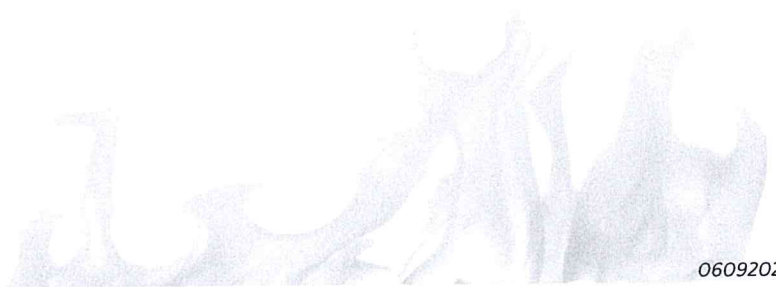


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Conversion to Natural Gas	Pages 12-14
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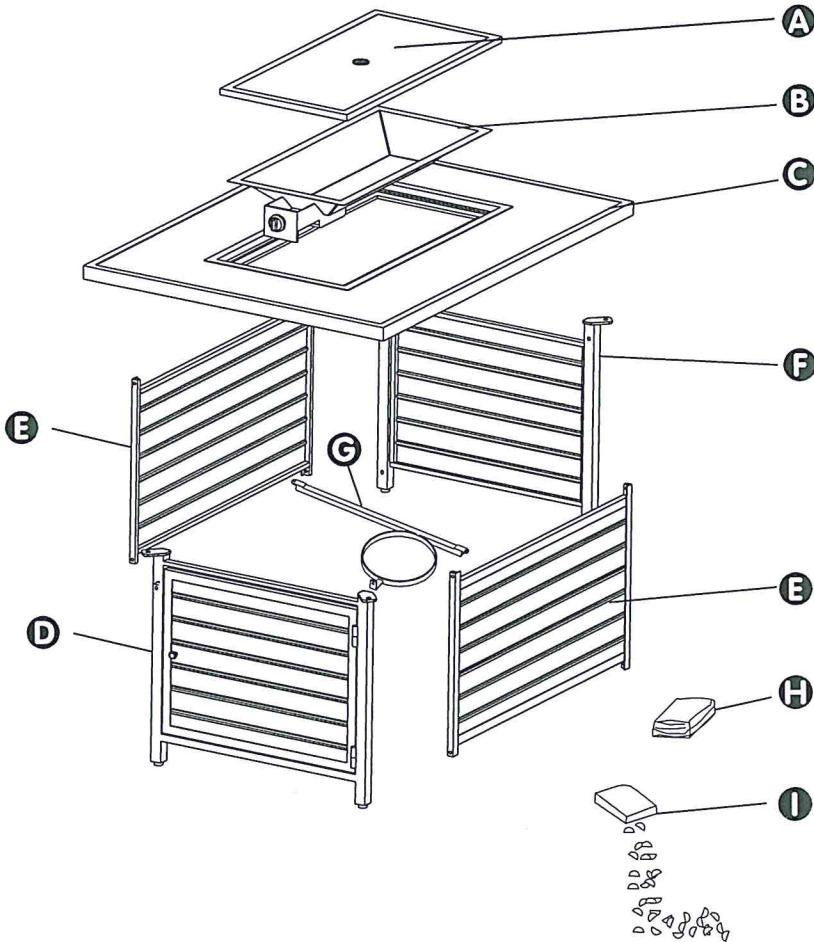


BEFORE YOU BEGIN

Please read and understand this entire manual before attempting to assemble, operate or install this appliance. If you have any questions regarding the product, please contact your retailer.

This manual contains important information about the assembly, operation and maintenance of this LPG fire pit. General safety information is presented in the first few pages and is also located throughout this manual. Keep this manual for future reference and to educate new users of this appliance.

PACKAGE CONTENTS

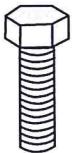


PART	DESCRIPTION	QUANTITY
A	Removable Burner Cover	1
B	Burner	1
C	Table Top	1
D	Front Door Panel	1
E	Side Panels	2
F	Back Panel	1
G	Gas Tank Support	1
H	Protective Cover	1
I	Fire Glass	1

Also required but not included:
AAA Battery (install by unscrewing igniter button)



HARDWARE CONTENTS

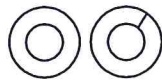


L

Bolt 8x20mm

Qty: 5

(4 for assembly +1 extra)

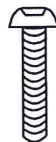


M

Washer, Spring Washer 8mm

Qty: 5

(4 for assembly +1 extra)



N

Bolt 6x25mm

Qty: 9

(8 for assembly +1 extra)



O

Bolt 6x18mm

Qty: 4

(3 for assembly +1 extra)



P

Washer 6mm

Qty: 12

(11 for assembly +1 extra)



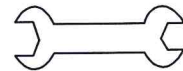
Q

Plastic Cap (M8)

Qty: 4



TOOLS



R

Wrench



S

Hex Key

SAFETY INFORMATION

SAFETY INFORMATION

This appliance has been tested to and complies with the ANSI Z21.97-2017, Outdoor Decorative Gas Appliances CGA CR 97-003 Outdoor Gas Fireplaces. The installation must conform to local codes or in the absence of local codes to the National Fuel Gas Code, ANSI Z223.1. This manual contains important information about the assembly, operation and maintenance of this fire pit. General safety information is presented in these first few pages and is also located throughout the manual. Keep this manual for future reference and to educate new users of this product. This manual should be read in conjunction with the labeling on the product. Safety precautions are essential when any mechanical or propane fueled equipment is involved. These precautions are necessary when using, storing, and servicing. Using the equipment with the respect and caution demanded will reduce the possibilities of personal injury or property damage. The following symbols (shown below) are used extensively throughout this manual. Always heed these precautions, as they are essential when using any mechanical or propane fueled equipment.

WARNING

Failure to comply with the precautions and instructions provided with this fire pit can result in death, serious bodily injury and property loss or damage from hazards of fire, explosion, burn, asphyxiation, and/or carbon monoxide poisoning. Only persons who can understand and follow the instructions should use or service this fire pit.

WARNING / DANGER

WARNING/DANGER indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.

WARNING

Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance. An LP-cylinder not connected for use shall not be stored in the vicinity of this or any other appliance.

WARNING

Solid fuels shall not be burned in this appliance.

DANGER

EXPLOSION—FIRE HAZARD

- Keep solid combustibles, such as building materials, paper, or cardboard a safe distance away from the fire pit as recommended by the instructions.
- Provide adequate clearances around air openings into the combustion chamber. Never use the fire pit in spaces which do or may contain volatile or airborne combustibles, or products such as gasoline, solvents, paint thinner, dust particles, or unknown chemicals.
- During operation, this appliance can be a source of ignition. Keep fire pit area clear and free from combustible materials, gasoline, paint thinner, cleaning solvents and other flammable vapors and liquids. Do not use fire pit in areas with high dust content. Minimum fire pit clearances from combustible materials: 2 feet (24 inches) from the sides & 2 feet (24 inches) from the rear, 6 feet (72 inches) from ceiling.
- Never store propane near high heat, open flames, pilot lights, direct sunlight, other ignition sources or where temperatures exceed 120 degrees F (49 degrees C).
- Propane vapors are heavier than air and can accumulate in low places. If you smell gas, leave the area immediately.
- Never install or remove a propane cylinder while the fire pit is lighted, or near flame, pilot lights, or other ignition sources or while fire pit is hot to the touch.
- This fire pit is red hot during use and can ignite flammables too close to the burner. Keep flammables at least 6 feet (72 inches) from top and 2 feet (24 inches) from sides. Keep gasoline and other flammable liquids and vapors well away from fire pit.
- Store the propane cylinder outdoors in a well ventilated space out of the reach of children. Never store the propane cylinder in an enclosed area (house, garage, etc.). If fire pit is to be stored indoors, disconnect the propane cylinder for outdoor storage.

WARNING

- This fire pit is fueled by propane gas. Propane gas is invisible, odorless, and flammable. An odorant is normally added to help detect leaks and can be described as having a "rotten egg" smell. The odorant can fade over time so leaking gas is not always detectable by smell alone.
- Propane gas is heavier than air and leaking propane will sink to the lowest level possible. It can ignite by ignition sources including matches, lighters, sparks, or open flames of any kind many feet away from the original leak. Use only propane gas set up for vapor withdrawal.
- Store or use propane gas in compliance with local ordinances and codes or with ANSI/NFPA 58. Turn off propane when not in use.

DANGER

FOR YOUR SAFETY

If you smell gas:

1. Shut off gas to the appliance.
2. Extinguish any open flame
3. If odor continues, keep away from the appliance and immediately call your gas supplier or fire department.

WARNING

We cannot foresee every use which may be made of our fire pit. Check with your local fire safety authority if you have questions about fire pit use. Other standards govern the use of fuel gases and heat producing products for specific uses. Your local authorities can advise you about these. If no local codes exist, follow National Fuel Gas Code, ANSI Z223.1. In Canada, installation must conform to local codes. If no local codes exist, follow the current National standards of CANADA CAN/CGA-B 149.2.

WARNING: FOR OUTDOOR USE ONLY

CARBON MONOXIDE HAZARD

- This fire pit is a combustion appliance. All combustion appliances produce carbon monoxide (CO) during the combustion process. This product is designed to produce extremely minute, non-hazardous amounts of CO if used and maintained in accordance with all warnings and instructions. Do not block air flow into or out of the fire pit.
- Carbon Monoxide (CO) poisoning produces flu-like symptoms, watery eyes, headaches, dizziness, fatigue and possibly death. You can't see it and you can't smell it. It's an invisible killer. If these symptoms are present during operation of this product get fresh air immediately!
- For outdoor use only. Using this fire pit in an enclosed space can kill you. Never use this fire pit in an enclosed space such as a camper, tent, home, or other unventilated or enclosed area.
- This fire pit consumes air (oxygen). Do not use in unventilated or enclosed areas to avoid endangering your life.



WARNING

Improper installation, adjustment, alteration, service or maintenance can cause property damage, injury or death. Read the installation, operation and maintenance instructions thoroughly before installing or servicing this equipment.

ASSEMBLY



PREPARATION

Before beginning assembly, be sure to empty contents of carton and make sure all parts are present. If any parts are missing, please contact the retailer.

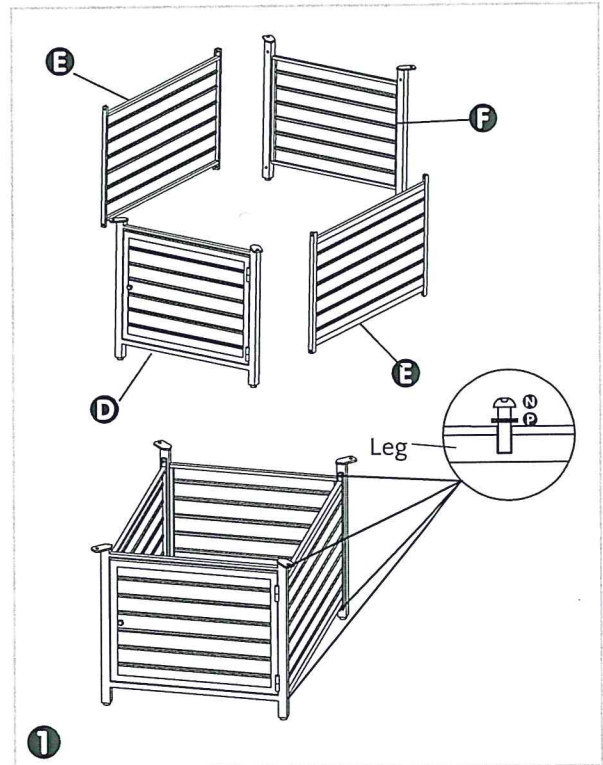
Place all parts on a soft, level surface for assembly. NOTE: it is recommended to use TWO PEOPLE to assemble this gas fire pit. Estimated assembly time: 60 minutes. | Do NOT overtighten hardware!

1 Locate 4 Panels **D/E/F**. NOTE: There is a hole at the bottom of each Side Panel **E**. The hole should face DOWN.

Place a Washer **P** on each of 8 Bolts **N** and insert through holes in sides of Side Panels into the holes in sides of Leg Panels **D/F**.

Tighten all Bolts **N** with Hex Key **S**.

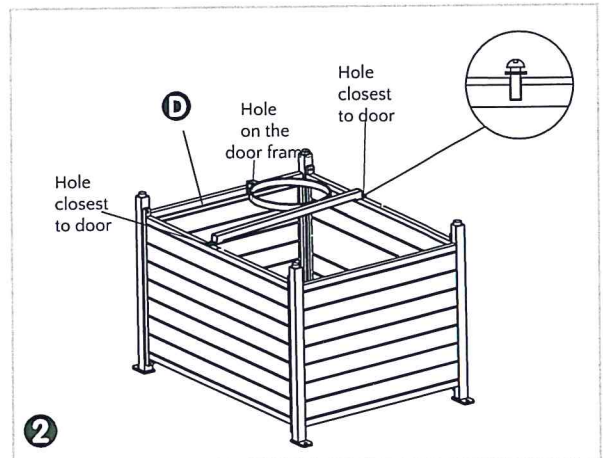
Hardware: **N** Bolt (6x25mm) x 8
P Washer (6mm) x 8



2 Once all Panels are bolted together, carefully turn the table base upside-down. Attach Gas Tank Support **G** to Side Panels **E** by aligning holes in Gas Tank Support with holes in the bottom of Side Panels and Door.

Place a Washer **P** on each of 2 Bolts **G** and insert into aligned holes. Tighten with Hex Key **S**.

Hardware: **G** Bolt (6x18mm) x 2
P Washer (6mm) x 2



ASSEMBLY

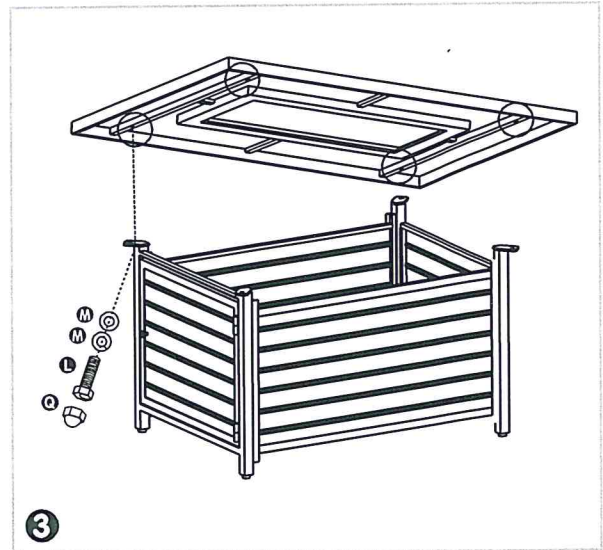
3 Turn the assembled table base upright, then place **Table Top** **C** over **Legs**, and align the holes on **Table Top** with holes at the top of **Legs**. Place **Spring Washer** **M**, then **Washer** **N** on each of 4 **Bolts** **L**, then insert into the aligned holes. Tighten with **Wrench** **R**, then cover bolt heads with **Plastic Caps** **O**.

Hardware:

- L Bolt** (8x20mm) x 4
- M Washer/Spring Washer** (8mm) x 4t
- O Plastic Cap** x 4

WARNING:

This fire pit is constructed of aluminum, a relatively soft, flexible metal. Do not sit, stand, or lean heavily on the top of the fire pit, which can cause bending or warping.



4 Place the **Burner** **B** into the hole in the **Table Top** **C**. Make sure the **Control Knob** on the **Burner** faces the **Front Door Panel** **D**.

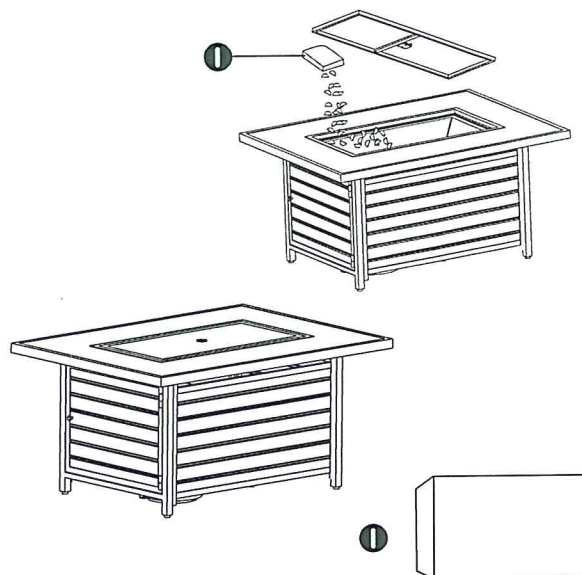
Unscrew the igniter button and insert a AAA Battery with positive end facing out. Screw the button back onto the control panel.



ASSEMBLY

- 5** Pour the **Fire Glass ①** around the **Burner**. Be careful not to obstruct pilot light housing. Put the **Removable Burner Cover ②** on the **Burner**.

When the fire pit is NOT in use, or after use, when the fire pit has cooled COMPLETELY, cover it with the **Protective Cover ③**. DO NOT PUT THE PROTECTIVE FIRE PIT COVER ON A HOT FIRE PIT.

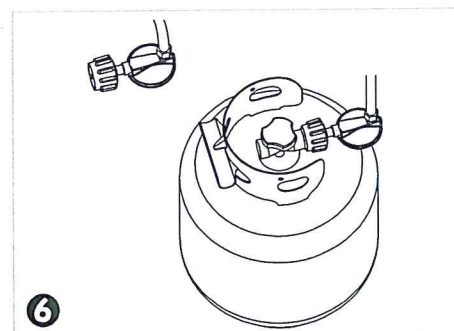
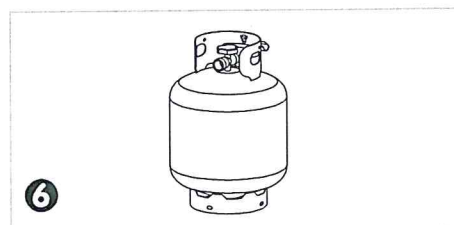


- 6** Connect hose and regulator to cylinder. The propane gas and cylinder are sold separately. Use a standard 20lb propane cylinder only. Use this fire pit only with a propane vapor withdrawal supply system. See chapter 5 of the standard storage and handling of liquefied petroleum gas, ANSI/NFPA 58. Your local library or fire department should have this book.

Storage of an appliance indoors is permissible only if the cylinder is disconnected and removed from the appliance. A cylinder must be stored outdoors in a well-ventilated area out of the reach of children. A disconnected cylinder must have dust caps tightly installed and must not be stored in a building, garage or any other enclosed area. The maximum inlet gas supply pressure: 250 PSI, the minimum inlet gas supply pressure: 5 PSI.

for automatic operation at ratings less than full input rating. The pressure regulator and hose assembly supplied with the appliance must be used.

The installation must conform with local codes, or in the absence of local codes, with national fuel gas code, ANSI Z223.1/NFPA54, natural gas and propane Installation Code, CSA B 149.1, or propane storage and handling code, B149.2.



OPERATING INSTRUCTIONS

A dented, rusted or damaged propane cylinder may be hazardous and should be checked by your cylinder supplier. Never use a propane cylinder with a damaged valve connection.

The propane cylinder must be constructed and marked in accordance with the specifications for LP gas cylinders of the U.S. Department of Transportation (DOT) or the standard for cylinders, spheres and tubes for transportation of dangerous goods and commission, CAN/CSA-B339.

The cylinder must have a listed overfilling prevention device.

The cylinder used must include a collar to protect the cylinder valve.

Never connect an unregulated propane cylinder to the fire pit.

Attach regulator to cylinder. Complete attachment. Install cylinder.

- Do not store a spare LP gas cylinder under or near this appliance;
- Never fill the cylinder beyond 80 percent full;
- Place the dust cap on the cylinder valve outlet whenever the cylinder is not in use. Only install the type of dust cap on the cylinder valve that is provided with the cylinder valve. Other type of caps or plugs may result in leakage of propane.

ATTENTION: THIS PRODUCT IS NOT FOR COMMERCIAL USE. IT IS INTENDED FOR RESIDENTIAL USE ONLY.

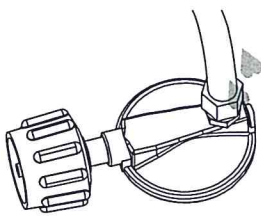
- Do not sit or stand on this table.
- Keep children away during assembly. This item contains small parts which can be swallowed by children.
- Do not use indoors or inside any enclosure.
- Retain the assembly instructions for future reference.
- Installer – please leave these instructions with the owner.

OPERATING INSTRUCTIONS

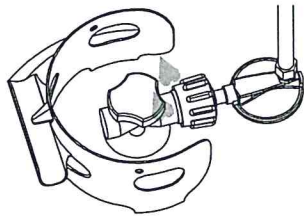
LEAK CHECK

WARNING!

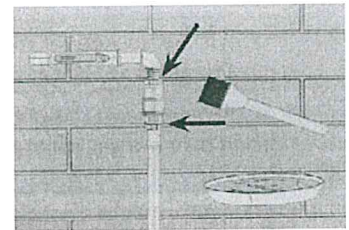
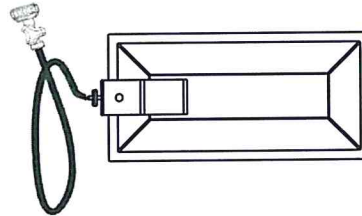
- Perform all leak tests outdoors.
- Extinguish all open flames.
- NEVER leak test when smoking.
- Do not use the fire pit until all connections have been leak tested and do not leak.



Hose / Regulator
Connection



Regulator / Cylinder
Connection



1. Make 2-3 oz. of leak test solution (one part liquid dishwashing detergent and three parts water).
2. Apply several drops of solution where hose attaches to regulator.
3. Apply several drops of solution where regulator connects to cylinder.
4. Make sure all valves are turned OFF.
5. Turn cylinder valve ON.

If bubbles appear at any connection there is a leak.

1. Turn cylinder valve OFF.
2. If leak is at hose/regulator connection: tighten connection and perform another leak test. If bubbles continue appearing, the hose should be returned to the place of purchase.
3. If leak is at regulatory/cylinder valve connection: disconnect, reconnect, and perform another leak test. If you continue to see bubbles after several attempts, cylinder valve is defective and should be returned to cylinder's place of purchase.

If NO bubbles appear at any connection, the connections are secure.

NOTE: Whenever gas connections are loosened or removed, you must perform a complete leak test. Complete installation.

OPERATING INSTRUCTIONS

CAUTION

Do not attempt to operate until you have read and understand all General Safety Information in this manual, all assembly is complete, and leak test has been performed.

DANGER!

FOR OUTDOOR USE ONLY

CARBON MONOXIDE HAZARD

Never use this inside a house or other unventilated or enclosed areas. This fire pit consumes air (oxygen). Do not use in unventilated or enclosed areas to avoid endangering your life.

WARNING

Very hot while in operation!

Never lean over the fire pit while in use. Do not touch Table Top or burner Assembly while the fire pit is in operation. Fire pit will be hot after use. Handle with care. Wait until fire pit has cooled down after use before placing lid on Table Top or touching any surfaces. Failure to follow these instructions may result in serious bodily injury.

WARNING

FOR YOUR SAFETY

Be careful when attempting to manually ignite this fire pit. Holding in the control knob for more than 10 seconds before igniting the gas will cause a ball of flame upon ignition.



OPERATION CHECKLIST:

For a safe and pleasant heating experience, review this checklist before each use:

- I am familiar with entire owner's manual and understand all precautions noted.
- All components are properly assembled, intact, and operable.
- No alterations have been made.
- All gas connections are secure and do not leak.
- Wind velocity is below 10mph.
- I understand the unit will operate at reduced efficiency below 40°F.
- I understand the fire pit is for outdoor use (outside any enclosure).
- There is adequate fresh air ventilation.
- Fire pit is away from gasoline and other flammable liquids or vapors.
- Fire pit is away from windows, air intake openings, sprinklers, and other water sources.
- Fire pit is at least two (2) feet on all sides/front/back and six (6) feet overhead from combustible materials.
- Fire pit is on a hard and level surface.
- There are no signs of spider/insect nests in fire pit orifices.
- All burner passages and air circulation passages are clear.
- I understand children and adults should be alerted to the hazard of high surface temperatures and should stay away to avoid burns or clothing ignition.
- I understand young children should be carefully supervised when they are in the area of the fire pit.
- I understand clothing or other fabric material should not be hung from the fire pit or placed on or near the fire pit.
- I understand that any guard or other protective device removed for servicing the fire pit must be replaced prior to operating the fire pit.
- I understand installation and repair should be done by a qualified service person, and that the fire pit should be inspected before each use and at least annually by a qualified service person.
- I understand that more frequent cleaning may be required as necessary and that it is imperative that the control compartment, burner, and circulating air passageways of the fire pit be kept clean.
- The fire pit is constructed of aluminum, a relatively soft/flexible metal, and I should not allow anyone to sit or lean heavily on the top of the fire pit, which can cause bending or warping.



BEFORE TURNING GAS SUPPLY ON:

1. Your fire pit was designed and approved for outdoor use only. Do NOT use it inside a building, garage, or any other enclosed area.
2. Make sure surrounding areas are free of combustible materials, gasoline, and other flammable vapors or liquids.
3. Ensure that there is no obstruction to air ventilation. Be sure all gas connections are tight and there are no leaks.
4. Be sure the cylinder is clear of debris. Be sure any component removed during assembly or servicing is replaced and fastened prior to starting.

OPERATING INSTRUCTIONS

NOTE: This model has an Electronic Igniter and requires one AAA battery. Unscrew IGNITER BUTTON to install.



Electronic igniter requires AAA battery

⚠ DANGER!
FOR OUTDOOR USE ONLY

⚠ CARBON MONOXIDE HAZARD

Never use this fire pit inside a house or other unventilated or enclosed areas. This fire pit consumes air (oxygen). Do not use in unventilated or enclosed areas to avoid endangering your life.

BEFORE LIGHTING:

1. Smell all around the unit area for gas. Be sure to smell near the floor, because gas is heavier than air and will settle to the lowest point. If you smell gas, shut off the gas to the appliance, extinguish any open flame, and if odor persists, call your gas supplier or the fire department.
2. Fire pit should be thoroughly inspected before each use, and by a qualified service person at least annually. If relighting a hot fire pit, always wait at least 5 minutes.
3. Inspect hose assembly for evidence of excessive abrasion, cuts, or wear. Suspect areas should be leak tested. If the hose leaks, it must be replaced prior to operation. Only use the replacement hose assembly specified by manufacturer.

LIGHTING:

NOTE: Use only your hand to depress or turn the gas control knob. Never use tools. If the knob will not depress or turn by hand, DO NOT try to repair it. Call a qualified professional service technician. Force or attempted repair may result in fire or explosion and will void the warranty.

1. Turn the control knob to "OFF" position (Fig. A).
2. Fully open LP cylinder valve. **Note: For initial start or after any cylinder change, hold Control Knob IN for 2 minutes to purge air from gas lines before proceeding.**
3. Push in and turn the control knob counterclockwise to HIGH (Fig. B).
4. While holding control knob in, push the Electronic Ignition button to ignite the main burner. (The ignition will produce a soft snapping/crackling sound. If the fire pit does not light and there is no snapping sound, replace the battery.)
5. After fire pit lights, wait 45 seconds, then release control knob.
6. Observe the flame height when lit. Flame should reach between 3 and 13 inches in height. Overly short or tall flame can indicate a problem.
7. To decrease the flame, turn the control knob clockwise to LOW (Fig. C). To increase the flame, turn the control knob counterclockwise to HIGH (Fig. B).

NOTE: If burner fails to remain lit, close all valves and wait at least 5 minutes before attempting to light.

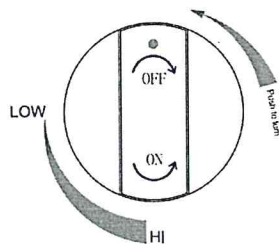
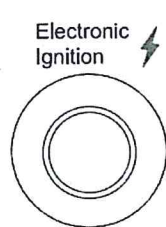


Figure A

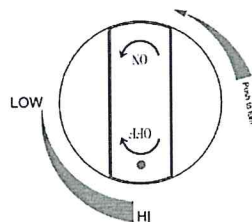


Figure B

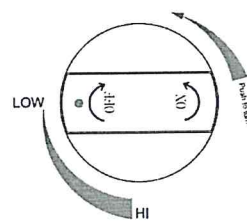
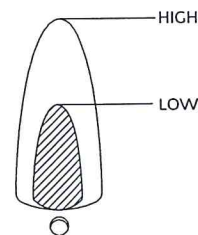


Figure C



SHUT DOWN:

1. To extinguish burner depress control knob and turn it clockwise to OFF.
2. Turn cylinder valve clockwise to OFF and disconnect regulator when fire pit is not in use.

AFTER-OPERATION CHECKLIST:

1. Gas control knob is in OFF position.
2. Gas tank valve is OFF.
3. Gas line is disconnected.

CONVERSION TO NATURAL GAS

WARNING

Make sure all control knobs and cylinder valves are in OFF position before converting.

This appliance is portable and configured for use with Liquid Propane (LP Gas), which is delivered via removable tanks (LP tanks and their use are covered elsewhere in this manual). If a Natural Gas connection is available, the user may wish to change the gas delivery system to the more permanent Natural Gas Supply.

This appliance is certified for use with either Liquid Propane (LP Gas) or Natural Gas and comes complete with the necessary parts to convert the appliance for use with Natural Gas. A Natural Gas hose and regulator are also required and are sold separately. The conversion valves allow the use of Natural Gas without replacing the burners or entire valve system.

The process of converting the burner from Propane to Natural Gas is relatively simple and can be accomplished by any handy homeowner. We recommend, however, that a qualified gas technician do the conversion. Your warranty may be voided if the conversion is improperly completed. Please retain the parts supplied with the appliance and these instructions so the technician can do the conversion.

Orifice Chart

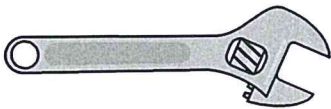
The different burner valves in this appliance have different BTU ratings. The holes in the orifices are drilled to different sizes so as to allow the proper amount of gas to flow through them. Please note the chart below to give an easy reference for the various orifice opening sizes for the different valves in the appliance.

Propane (Pressure 11")		NG (Pressure 7")	
Orifice Size	Input Rate (BTU/h)	Orifice Size	Input Rate (BTU/h)
2.3mm	55,000	3.78mm	55,000

NG Hose and Regulator Conversion

Tools Required:

- Adjustable Wrench (2)



WARNING

Make sure all appliance components are completely cooled and gas supply is turned off and removed from the appliance prior to performing the conversion.

CONVERSION TO NATURAL GAS

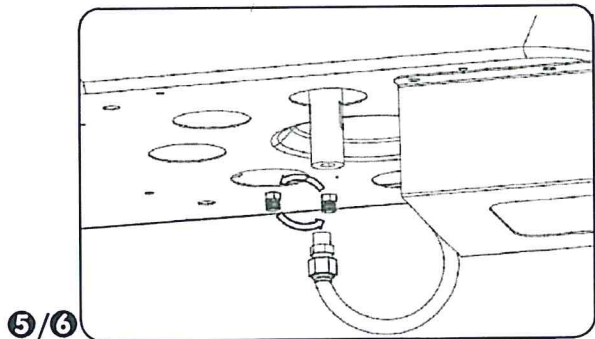
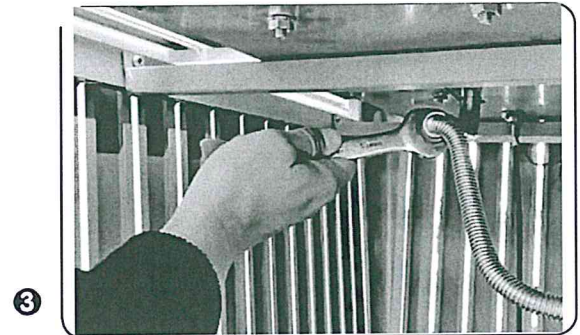
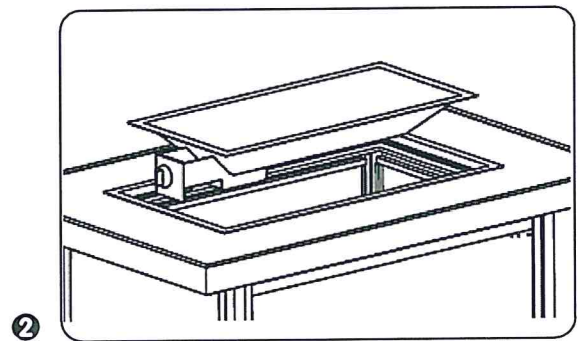
⚠️ WARNING! To avoid the possibility of burns conversion should only be done when the patio flame. Ensure burner is turned off. Turn gas off at source and disconnect the appliance before beginning conversion.

⚠️ WARNING! Fire Glass may have sharp edges. Wear safety glasses and gloves when handling.

⚠️ WARNING! We recommend that the conversion be performed by a licensed gas fitter, and all connections must be leak tested prior to operating the appliance.

Your fire pit can be easily converted for Natural Gas by following these steps:

1. If desired, remove the Burner from the enclosure. (Remove the Fire Glass from the Burner first.) Take care not to damage or kink the **Thermocouple Wire**. Alternatively, you may wish to perform the conversion from below via the **Tank Access Door**.
2. Disconnect the stainless steel **Flex Line** from the brass **Connector Valve** using two Wrenches.
3. Unscrew the **Connector Valve** from the **Burner Pipe**.
4. Slide the **Air Shutter** tube included in the conversion kit onto the **Burner Pipe**, covering the vent screens.
5. Remove the small brass **Propane Orifice** from the burner end of the **Connector Valve**.
6. Replace the **Propane Orifice** with the **Natural Gas Orifice** supplied. Fully tighten with Wrench for a secure seal.
7. Screw the **Connector Valve** back into the **Burner Pipe**. Fully tighten with Wrench for a secure seal.
8. Re-attach **Flex Line** to **Connector Valve**. Fully tighten with Wrenches for a secure seal.
9. Place **Burner** back into enclosure if you removed it.
10. Place the **Conversion Label** included with your **Conversion Kit** on the inside of the **Tank Access Door**.
11. Replace the existing LPG hose and regulator with an NG regulator and hose (not included).
12. **Connect your gas supply and perform a Leak Test at each connection point.** Leak Test instructions are found elsewhere in this manual.



CONVERSION TO NATURAL GAS

Natural Gas Hook-Up

The gas appliance is designed to operate at an inlet pressure of 7 inches water column. The piping up to the appliance is the responsibility of the installer. Connect the inlet valve to rigid pipe, copper tube or an approved flexible metal connector, which complies with Z21.4/CSA 6.10. If using a gas hose (not supplied) connect the flared end of the hose to the connector on the end of the inlet valve. Tighten using two wrenches. (Do not use thread sealer/pipe dope.) Leak test all joints prior to using the appliance. Piping and valves upstream of the quick disconnect are not supplied. The gas supply pipe must be sufficiently sized to supply the BTU/h specified on the rating plate, based on the length of the piping run. The quick disconnect must not be installed in an upward direction and a readily accessible manual shut-off valve must be installed upstream of, and as close to, the quick disconnect as is feasible.

Purge the gas supply line of any trapped air prior to the first firing of the unit.

WARNING!

- The installation must be performed by a licensed gas fitter, and all connection must be leak tested before operating the appliance.
- Ensure all hose connections are tightened using two wrenches. Do not use Teflon tape or pipe dope on any hose connection.
- Ensure the hose does not contact any high temperature surfaces or it may melt and leak causing a fire.
- Locate the hose away from pathways where people may trip over it and areas where the hose may be subject to accidental damage.
- Leak test all the connections using a soap and water solution as per the leak testing instructions found in the manual.

CARE & MAINTENANCE

To enjoy years of outstanding performance from your fire pit, make sure you perform the following maintenance activities on a regular basis:

1. Use warm soapy water for cleaning. Never use flammable or corrosive cleaning agents.
2. While cleaning your unit, be sure to keep the area around the burner and control compartment dry at all times. Do not submerge the control valve assembly. If the gas control is submerged in water, do NOT use it. It must be replaced. Make sure fire pit has cooled completely before cleaning or covering with a cover.
 - A. Keep the appliance area clear and free from combustible materials, gasoline and other flammable vapors and liquids.
 - B. Do not obstruct the flow of combustion and ventilation air.
 - C. Keep the ventilation opening(s) of the cylinder enclosure free and clear from debris.
3. Air flow must be unobstructed. Keep controls, burner, and circulating air passageways clean. Signs of possible blockage include:
 - Gas odor with extreme yellow tipping of flame.
 - Fire pit does NOT reach the desired temperature.
 - Fire pit glow is excessively uneven.
 - Fire pit makes popping noise.
 - Spiders and insects can nest in burner or orifices. This dangerous condition can damage fire pit and render it unsafe for use. Clean burner holes by using a heavy-duty pipe cleaner. Compressed air may help clear away smaller particles.
 - Carbon deposits may create a fire hazard. Clean burner screen with warm soapy water if any carbon deposits develop.



Note: In a salt-air environment (such as near an ocean), corrosion occurs more quickly than normal. Frequently check for corroded areas and repair them promptly.

SERVICE:

Only a qualified service person should repair gas passages and associated components.

WARNING

FOR YOUR SAFETY

- Do NOT touch or move fire pit for at least 45 minutes after use.
- Burner is hot to the touch.
- Allow burner to cool before touching.

STORAGE:

Between uses:

- Turn control knob OFF.
- Disconnect LP source.
- Store fire pit in an area sheltered from direct contact with inclement weather (such as rain, sleet, hail, snow, dust and debris).
- If desired, cover fire pit to protect exterior surfaces and to help prevent build-up in air passages.

During periods of extended inactivity or when transporting:

- Turn control knob OFF.
- Disconnect LP source and move to a secure, well-ventilated location outdoors.
- Store fire pit in an area sheltered from direct contact with inclement weather (such as rain, sleet, hail, snow dust and debris).
- If desired, cover fire pit to protect exterior surfaces and to help prevent build-up in air passages. Never leave LP cylinder exposed to direct sunlight or excessive heat.

Note: Wait until fire pit is cool before covering.

Caution: Always allow fire pit to cool before attempting service.

TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSE	CORRECTIVE ACTION
Burner will not light	Propane cylinder is frosted over	Wait until the propane cylinder warms up and becomes unfrosted
	Blockage in orifice	Clear blockage
	Control knob is not in ON position	Turn control knob to ON
Burner flame is low	Gas pressure is low	Turn cylinder valve OFF and replace cylinder
	Outdoor temperature is less than 40°F and tank is less than 1/4 full	Use a full cylinder
	Control knob fully ON	Check burner and orifices for blockage
Carbon build-up Thick Black Smoke	Dirt or film on burner screen	Clean burner screen
	Blockage in burner	Remove blockage and clean burner screen inside and outside.



1 YEAR LIMITED WARRANTY – Customers in the Contiguous US

All components are warranted for a period of 1 year after date of purchase by the original owner against defects in materials and workmanship under normal use. This warranty does NOT cover normal wear and weathering, assembly and/or maintenance OR use in a commercial application if model is not designated as a commercial model. At the manufacturer's sole discretion, products under warranty will be repaired and/or replaced at no charge to the customer. Any returns sent back to the manufacturer must be sent via prepaid freight and in the original retail packaging.

This warranty is extended only to the original purchaser. Proof of purchase will be required before warranty service is rendered. The sales receipt is the only valid proof of purchase. This warranty only covers failures due to defects in materials or workmanship which occur during normal use. Failures and/or damage which result from accident, negligence, misuse, abuse, neglect, mishandling, alteration or modification, failure to maintain, improper assembly or maintenance, service by unauthorized agency or use of unauthorized components or damage that is attributable to acts of God are NOT covered.

*****THERE ARE NO EXPRESS WARRANTIES EXCEPT AS LISTED ABOVE*****

*****PURCHASER ASSUMES ALL RISKS IN THE ASSEMBLY AND OPERATION OF THIS UNIT*****

*****FAILURE TO FOLLOW WARNINGS AND OPERATIONAL INSTRUCTIONS CONTAINED IN THIS MANUAL CAN RESULT IN SEVERE PROPERTY DAMAGE AND/OR PERSONAL INJURY*****

IN NO EVENT WILL THE MANUFACTURER, OR ITS DIRECTORS, OFFICERS OR AGENTS BE LIABLE TO THE PURCHASER OR ANY THIRD PARTY, WHETHER IN CONTRACT, IN TORT, OR ON ANY OTHER BASIS, FOR ANY INDIRECT, SPECIAL, PUNITIVE, EXEMPLARY, CONSEQUENTIAL, OR INCIDENTAL LOSS, COST, OR DAMAGE ARISING OUT OF OR IN CONNECTION WITH THE SALE, MAINTENANCE, USE, OR INABILITY TO USE THE PRODUCT, EVEN IF THE MANUFACTURER OR ITS DIRECTORS, OFFICERS OR AGENTS HAVE BEEN ADVISED OF THE POSSIBILITY OF SUCH LOSSES, COSTS OR DAMAGES, OR IF SUCH LOSSES, COSTS, OR DAMAGES ARE FORESEEABLE. IN NO EVENT WILL THE MANUFACTURER, OR ITS OFFICERS, DIRECTORS, OR AGENTS BE LIABLE FOR ANY DIRECT LOSSES, COSTS OR DAMAGES THAT EXCEED THE PURCHASE PRICE OF THE PRODUCT.

SOME JURISDICTIONS DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO THE PURCHASER.

This limited warranty gives you specific legal rights and you may also have other rights which vary from jurisdiction to jurisdiction. The provisions of the United Nations Convention on Contracts for the Sales of Goods shall not apply to this limited warranty or the sale of products covered by this limited warranty.