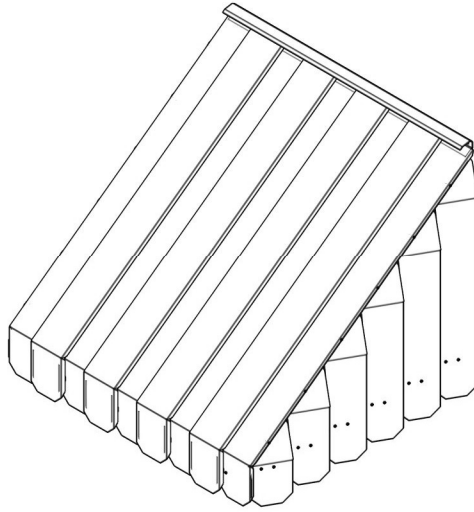


BROOKSIDE WINDOW AND DOOR AWNING
REGULAR END STYLE
INSTALLATION INSTRUCTIONS



Before You Begin:

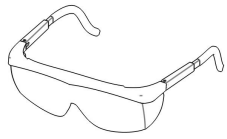
- **Consult your local building department for any required permits**
You may be required to obtain a building permit for this structure. Contact your local building department for details.
- **Read instructions thoroughly**
Please read all instructions and notes carefully prior to assembly. Americana is not responsible for replacing parts lost or damaged due to incorrect assembly.
- **A solid attachment is required for all existing structures**
All points of attachment to existing structures (such as house, deck, or patio) must be into solid, structurally sound, and secure material. Example: wood or metal studs, joists, headers, plates, or sills. Attachment may be made to block, concrete, brick, or stone veneer with suitable anchors, purchased separately. **Note:** Failure to properly fasten unit to wall, deck, porch, or patio may result in damage to the unit, damage to the structure it is attached to, and could cause serious bodily injury.
- **Check for all parts**
Use the Parts and Hardware List to check for any missing parts. To prevent scratching of painted materials, place on a tarp or other protective material.
- **Assistance may be required during certain steps of assembly.**



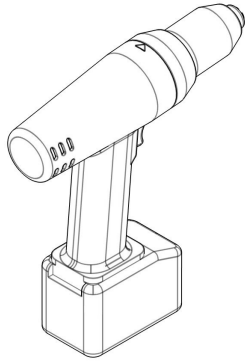
CAUTION

- Proper site preparation is required.
- Standard shade structure design does not include additional loads such as hanging heavy plants, swings, or other objects.
- DO NOT stand or sit on the shade structure roof.
- Repair or replace broken parts immediately.
- This kit contains parts with metal edges. Please be careful when handling.

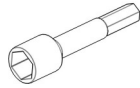
Tools Needed for Installation



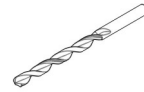
Safety Glasses



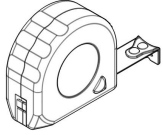
Electric Drill



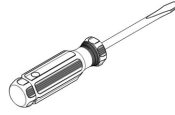
Socket / Hex Head Driver
Sizes: 1/4", 11/32", 3/8"



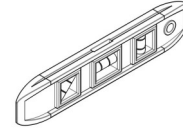
Drill Bit
Sizes: 1/8", 5/16"



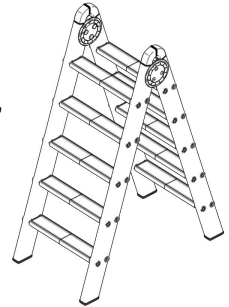
Tape Measure



Screw Driver
Flat & Phillips



Carpenters Level



Ladder

Other Required Tools: Gloves, Chalk Line, Silicone Caulking

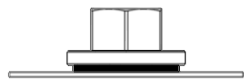
Recommended Tools: Rubber Mallet, Carpenters Square, Pliers, Tin Snips

Required Parts Not Included In Kit:

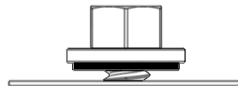
Appropriate anchors or lag screws to attach awning to your home's exterior finish, 3/16" diameter.

Installation Notes and Tips

- Complete site preparation before beginning assembly.
- DO NOT attempt to assemble on a day with strong winds.
- Have assistance nearby to lift and secure parts in place.
- It is recommended to lower the speed of electric drills during this installation. Installing Tek screws at a high RPM may cause the Tek screws to become damaged or break during installation.
- Avoid over-driving, under-driving, or driving at an angle to properly install fasteners. Over-driven fasteners can depress the material and allow water to collect around the fastener, which will corrode the surface finish. Under-driven fasteners can cause leaks and may back out over time.



✓ CORRECT



✗ TOO LOOSE

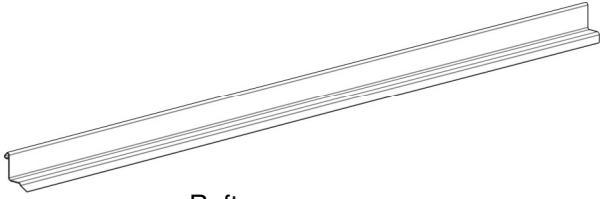


✗ TOO TIGHT

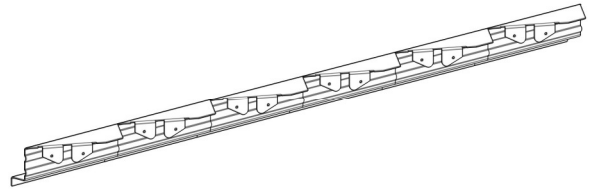
- We strongly recommend using a high grade sealant, such as our 100% silicone caulk and sealant. Caulking should be applied uniformly and without skips. A poor caulking job can cause leaks.

NOTE: Length and quantity of parts will vary based on the size of the awning.

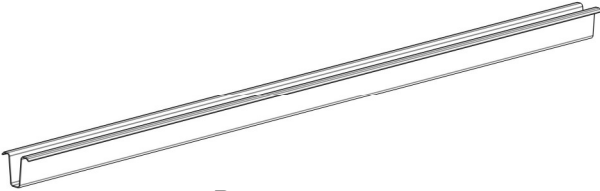
Parts List



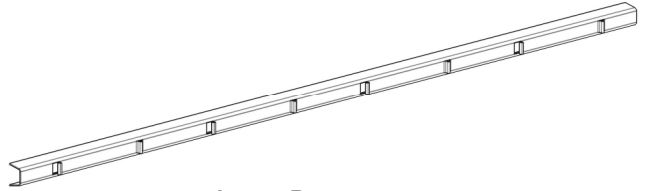
A Rafter
Part Code: 60506



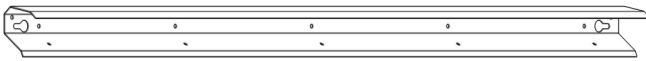
B Sawtooth
Part Code: 60507



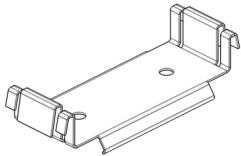
C Runner
Part Code: 10459



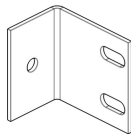
D Apron Bar
Part Code: 60502



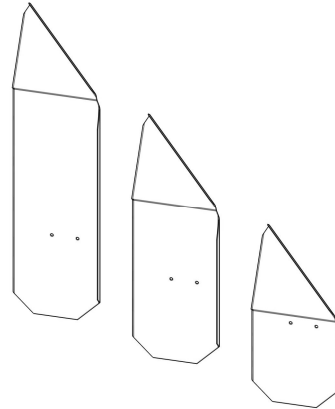
E Flashing
Part Code: 10457



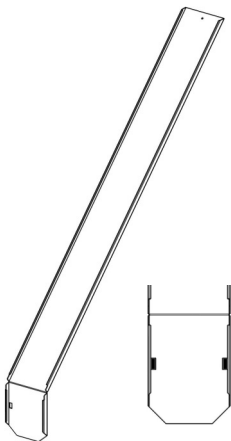
F Clip
Part Code: 60505



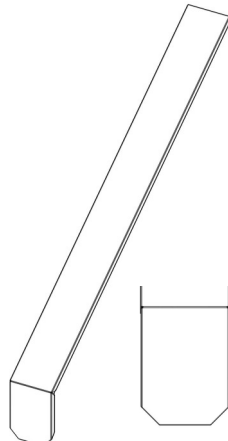
G Wall Bracket
Part Code: 60504



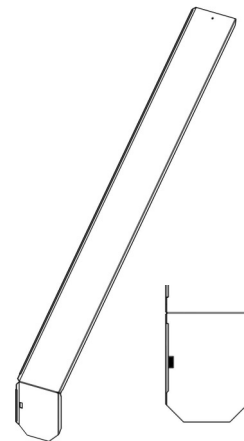
H Louvers
Part Code: 10417



I Bottom Pan
Part Code: 10417



J Top Pan
Part Code: 10417



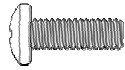
K End Pan (RH Shown)
Part Code: 10417

Screws shown actual size.

Hardware List



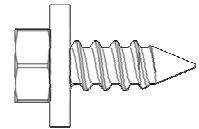
AA #8 x 3/4" Screw
Part Code: 20121



BB #8 x 1/2" Bolt
Part Code: 20754



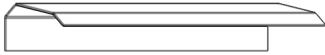
CC #8 Hex Nut
Part Code: 20502



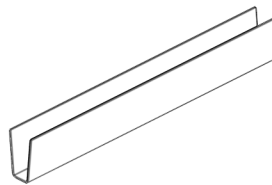
DD #14 x 3/4" Screw
Part Code: 20792

NOTE: Length and quantity of parts will vary based on the size of the awning.

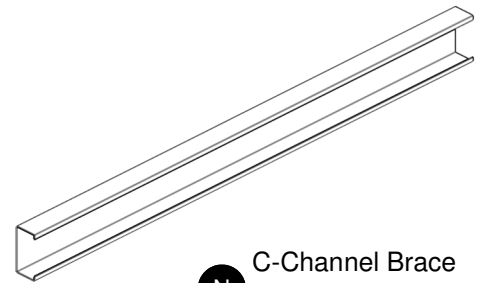
Optional Coordinating Parts and Hardware



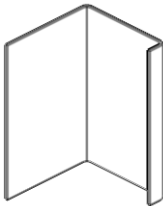
L Flashing Splice
Part Code: 10457



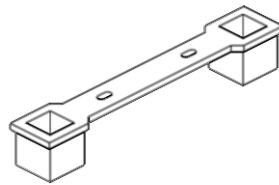
M Runner Splice
Part Code: 60515



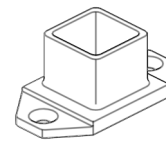
N C-Channel Brace
Part Code: 30151



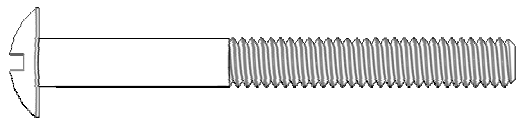
O C-Channel Wall Bracket
Part Code: 60515



P Upper Column Bracket



Q Column Mounting Bracket
Part Code: 50131



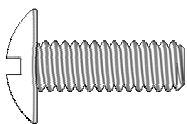
EE 1/4" x 2-1/2" Bolt
Part Code: 20406



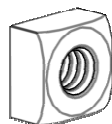
S Kicker Brace
Part Code: 6081X
(varies by length)



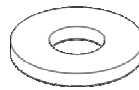
R Column
Part Code: 60722



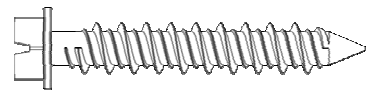
FF 1/4" x 3/4" Bolt
Part Code: 20751



GG 1/4" Square Nut
Part Code: 20503



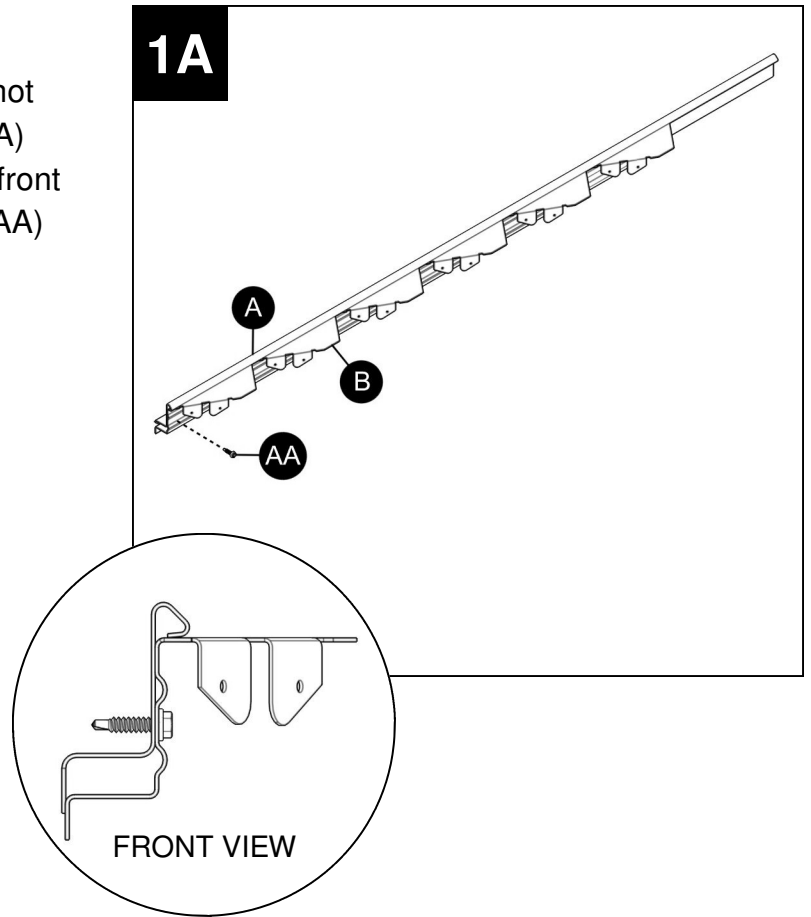
HH 1/4" Flat Washer
Part Code: 20902



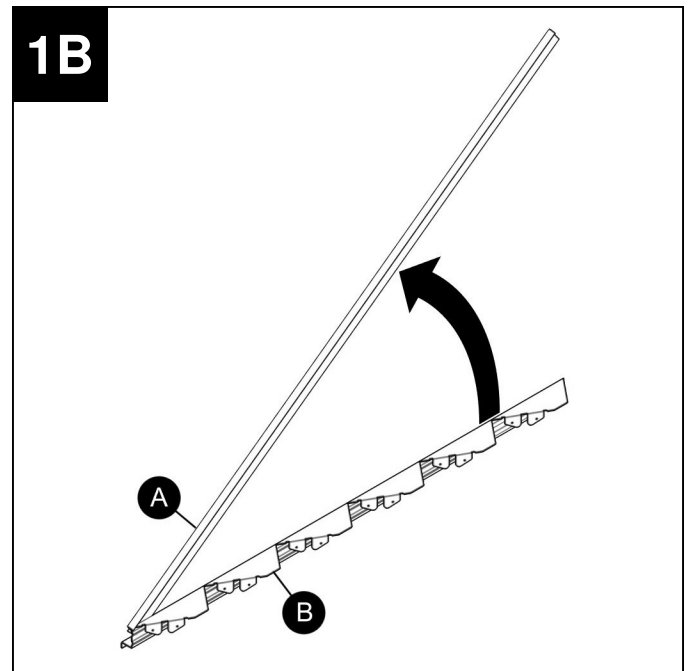
II 1/4" x 1-3/4" Tapcon Anchor
Part Code: 20794

STEP 1

In some cases, rafter (A) and sawtooth (B) are not pre-assembled. If this happens, position rafter (A) so the curl rests on top of sawtooth (B) and the front ends are flush. Attach using a #8 x 3/4" screw (AA) through the pre-drilled hole in sawtooth (B).



Open the right-hand rafter (A) and sawtooth (B) assembly to approximately the desired slope of the awning.

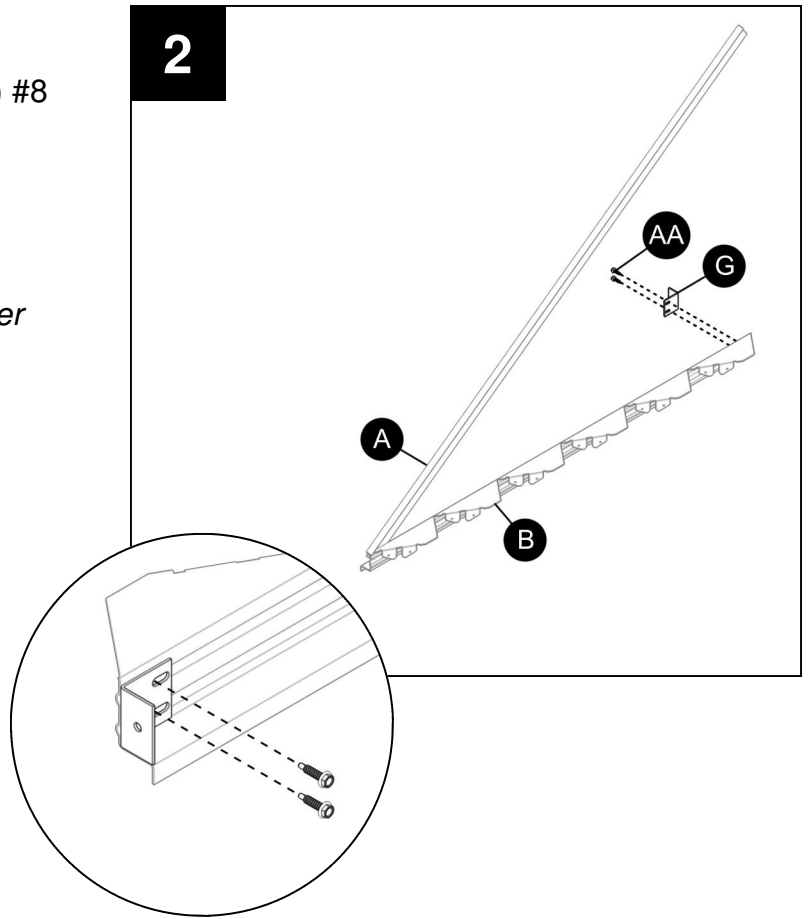


STEP 2

Attach wall bracket (G) to sawtooth (B) using (2) #8 x 3/4" screws (AA) through the pre-drilled holes.

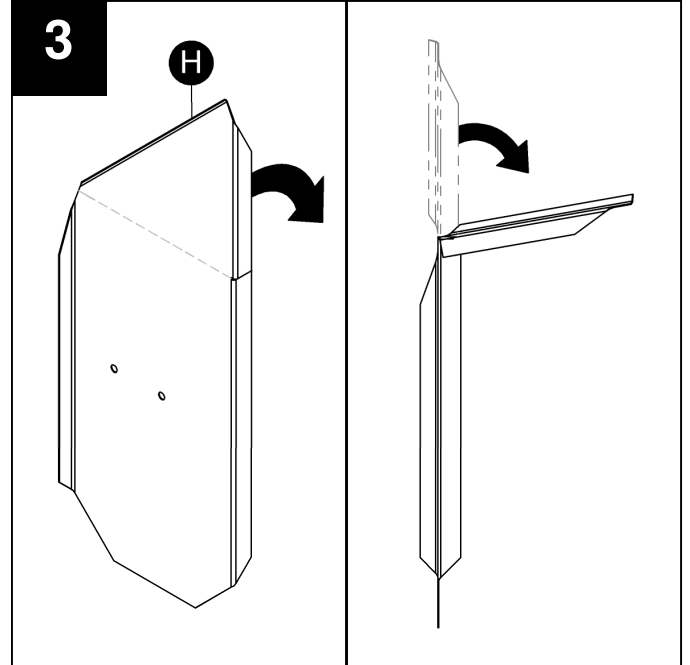
DO NOT completely tighten screws at this time.

NOTE: If you ordered the optional flat style louver ends, see Optional Sheet G.



STEP 3

Select the right-hand set of louvers (H). Lay each one on a flat surface and make a horizontal bend even with the notch at the top end. Bend at approximately a 90 degree angle.

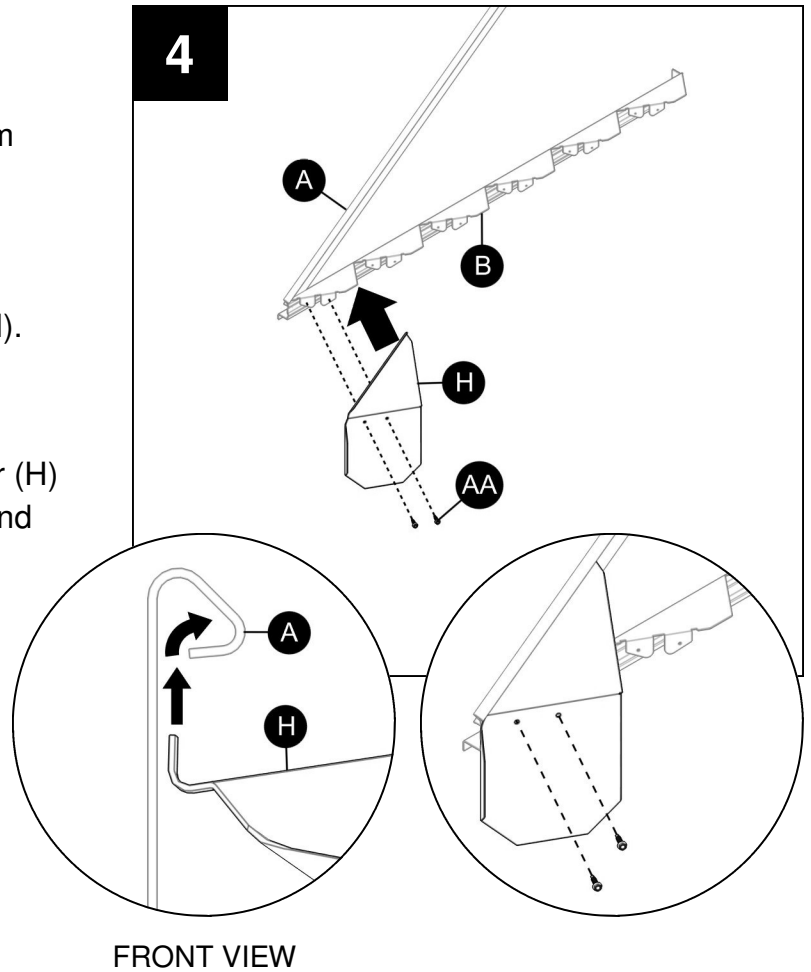


STEP 4

Insert the curl of the shortest louver (H) into the curled channel of rafter (A) over the first tab from the front on sawtooth (B).

Align the holes in louver (H) with the holes in sawtooth (B) by raising or lowering rafter (A). If necessary, also change the bend on louver (H). Attach using (2) #8 x 3/4" screws (AA).

TIP: Install screw (AA) in the back hole of louver (H) first, then use the leverage of sawtooth (B) and rafter (A) to align the front hole.

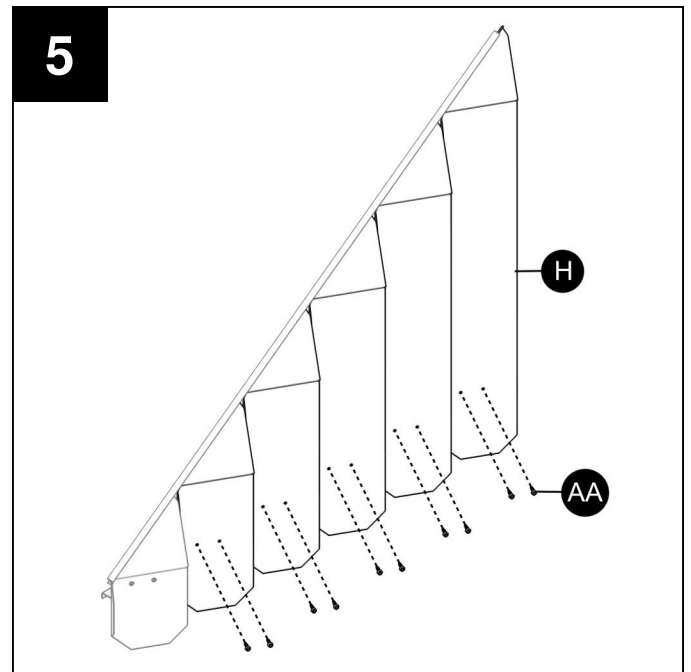


STEP 5

Repeat step 4 to complete the right end louver assembly, beginning with the longest louver (H) and working down.

On awnings with extended ends, begin with the louver closest to the back end of rafter (A). Sawtooth (B) will have extra tabs for the extension louvers. Be sure not to attach the last louver to an extension tab.

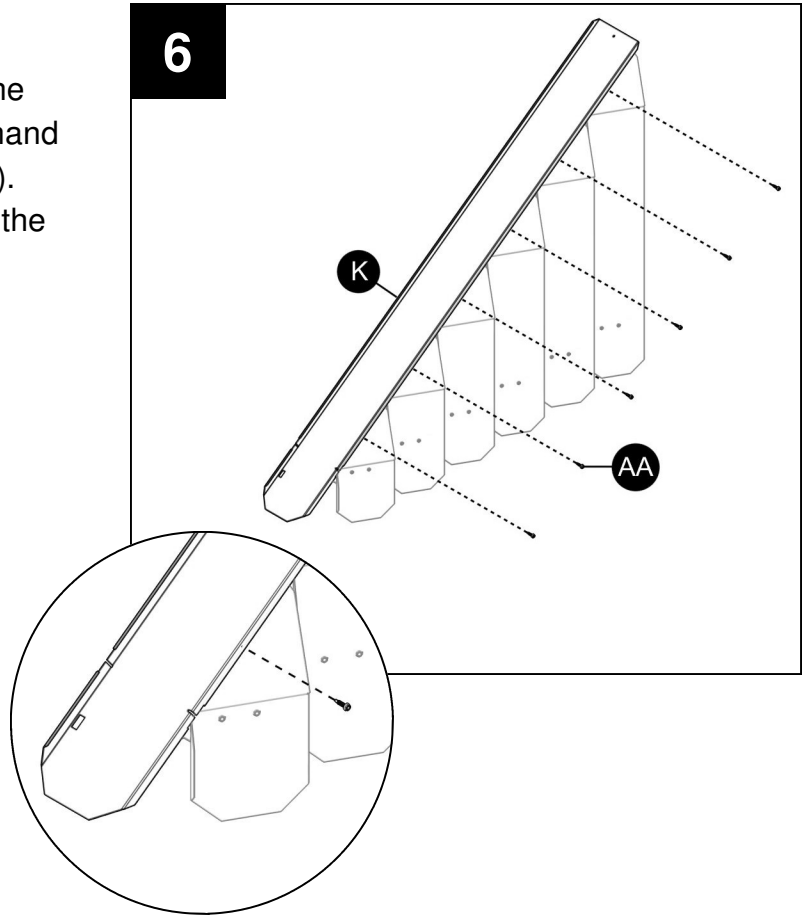
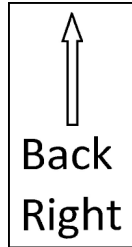
NOTE: If you ordered extended louver ends, see *Optional Sheet F*.



STEP 6

Select the right-hand end pan (K) by checking the sticker at the top of the pan. Attach to the right-hand louver (H) assembly using #8 x 3/4" screws (AA). Line up the pre-drilled holes in end pan (K) with the pre-drilled holes in rafter (A).

Look for sticker at top of pan.

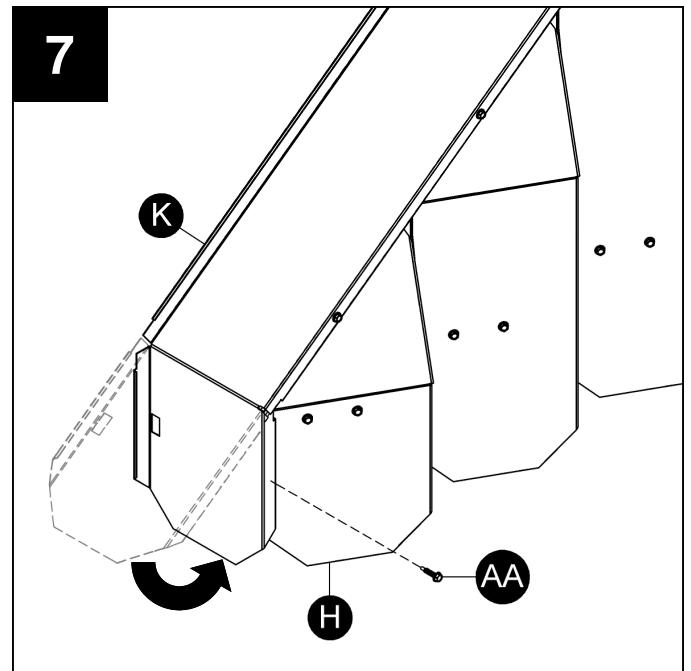


STEP 7

Bend the valance of end pan (K) and attach to louver (H) using #8 x 3/4" screws (AA) through the pre-drilled holes.

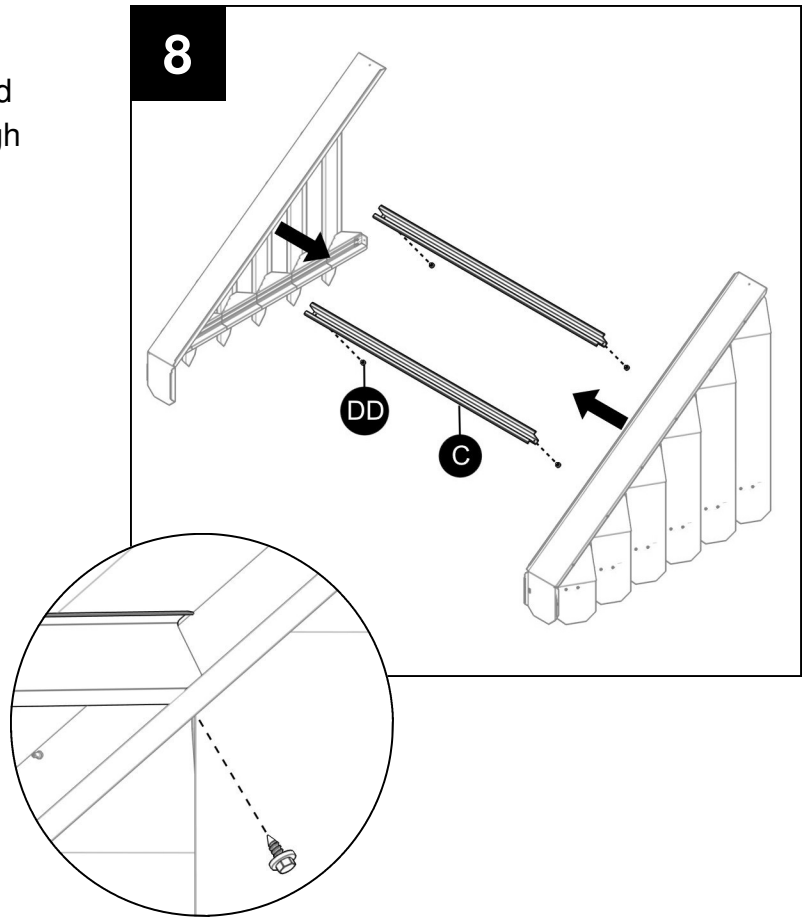
This completes the right-hand end assembly.

Repeat steps 1-7 to complete the left-hand end assembly.



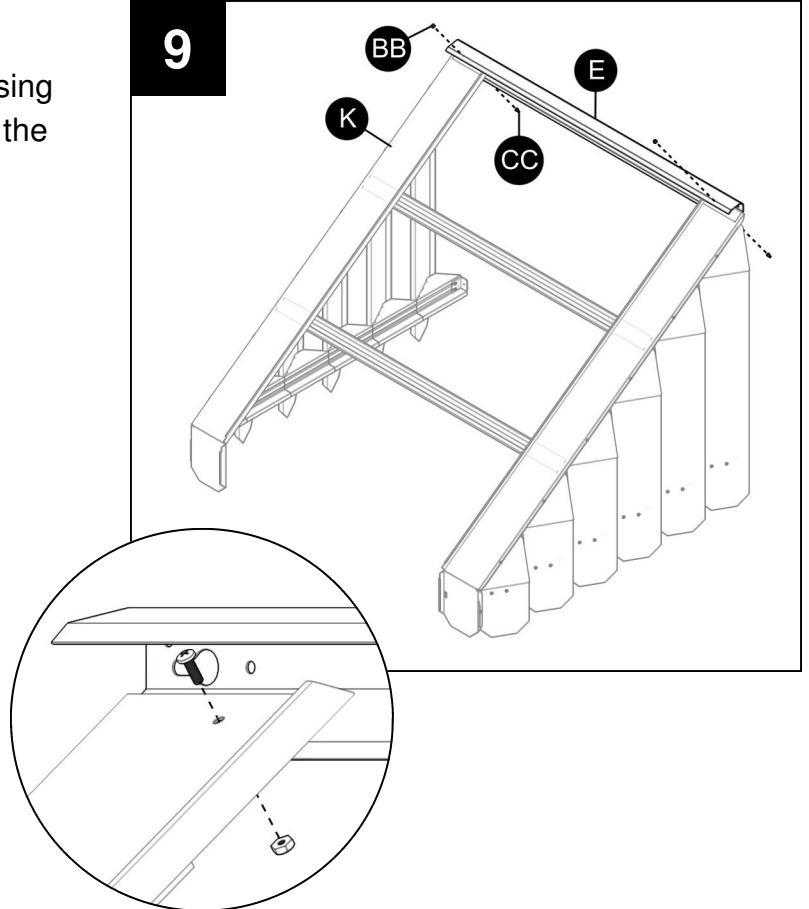
STEP 8

Attach runners (C) to the left- and right-hand end assemblies using #14 x 3/4" screws (DD) through the pre-drilled holes in rafter (A).



STEP 9

Select flashing (E) and attach to end pans (K) using #8 x 1/2" bolt (BB) and #8 hex nut (CC) through the pre-drilled holes.

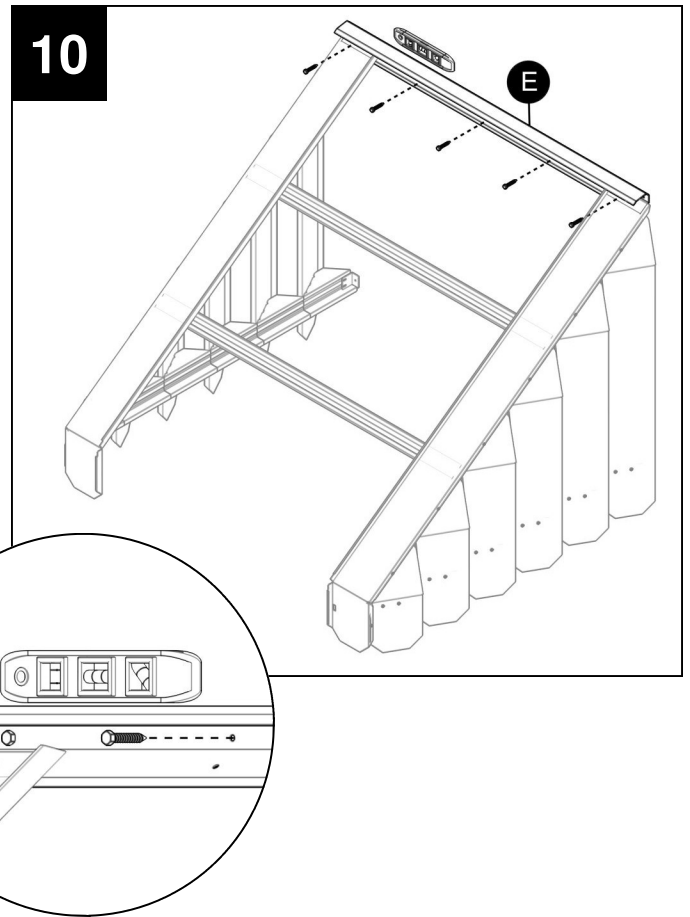


STEP 10

At this point, the awning may be lifted up and attached to the mounting surface. Anchors are not supplied with this kit. 3/16" diameter anchors suitable for your mounting surface are required.

NOTE: Awning must be attached to a solid structural support. DO NOT attach awning to sheathing, siding, flashing, or any other non-structural surface.

While using a level to keep flashing (E) plumb, attach to the mounting surface through the pre-drilled holes. Pre-drill a pilot hole into the mounting surface using a 1/8" drill bit before attaching anchors.



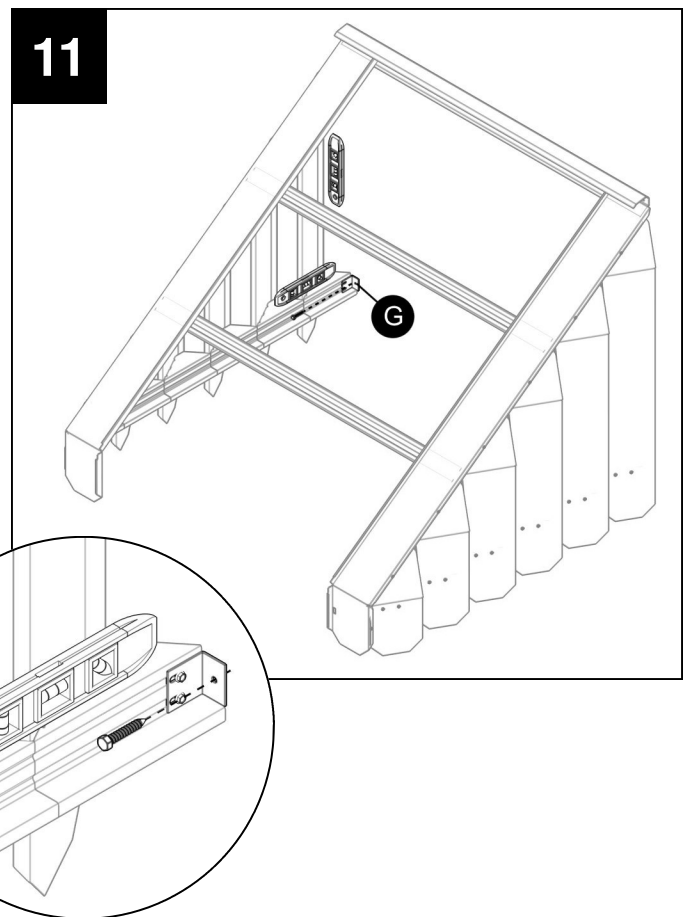
STEP 11

With only the top of the awning attached to the mounting surface, use a level to plumb sawtooth (B) and louvers (H). Looking at the side of the awning, the louvers should be parallel to the mounting surface. Looking at the front of the awning, the louvers should appear straight up and down.

With the awning properly aligned, attach mounting bracket (G) to the mounting surface using 3/16" diameter anchor, purchased separately. Then be sure to tighten the #8 x 3/4" screws (AA) attached to mounting bracket (G). Pre-drill a pilot hole into the mounting surface using a 1/8" drill bit before attaching anchors.

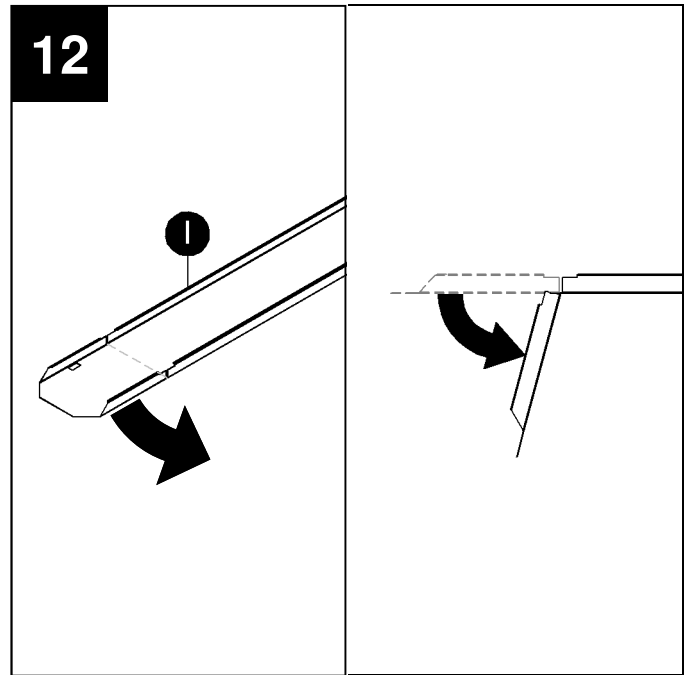
TIP: Align and attach one end of the awning before moving to the other side to avoid either side falling out of alignment.

Once the awning is attached, if you need to move runner (C) to avoid an out-swinging door or window, remove #14 x 3/4" screws (DD), re-position the runner, then re-attach screws.



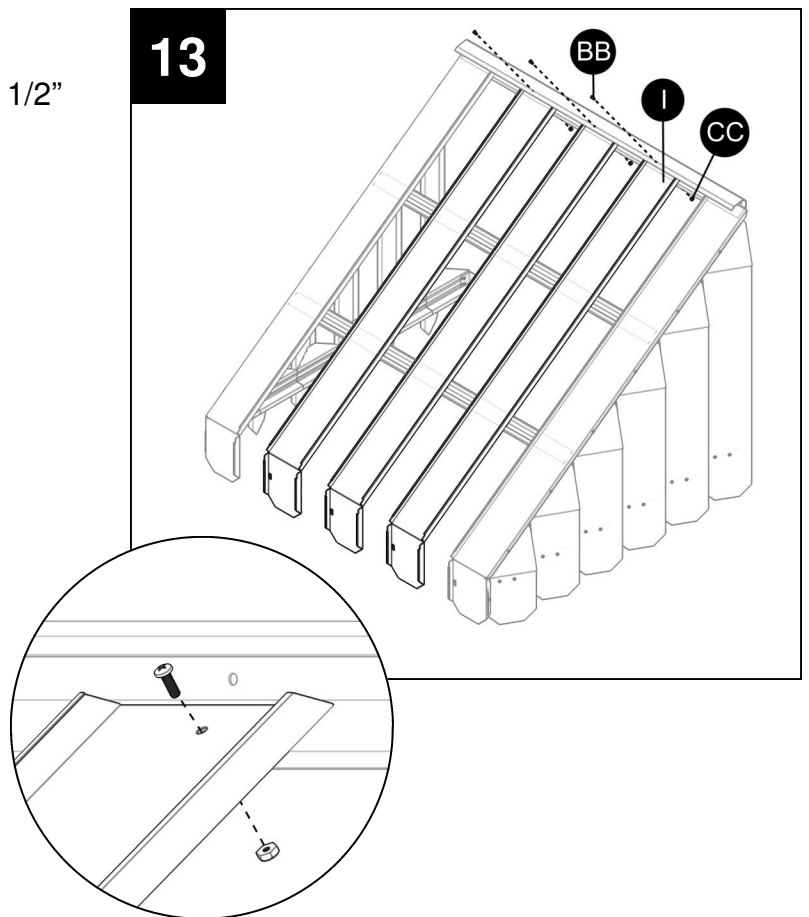
STEP 12

Select the bottom pans (I). Lay each one on a flat surface and make a horizontal bend even with the notch at the bottom end. Bend to approximately a 90 degree angle.



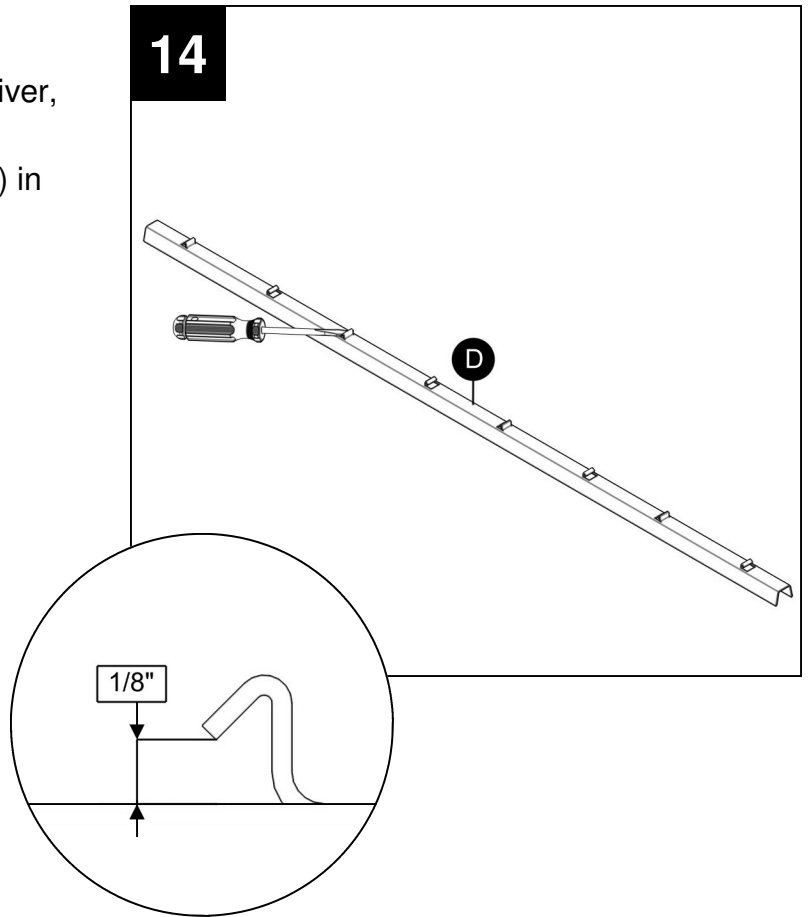
STEP 13

Attach bottom pans (I) to flashing (E) using #8 x 1/2" bolt (BB) and #8 hex nut (CC).



STEP 14

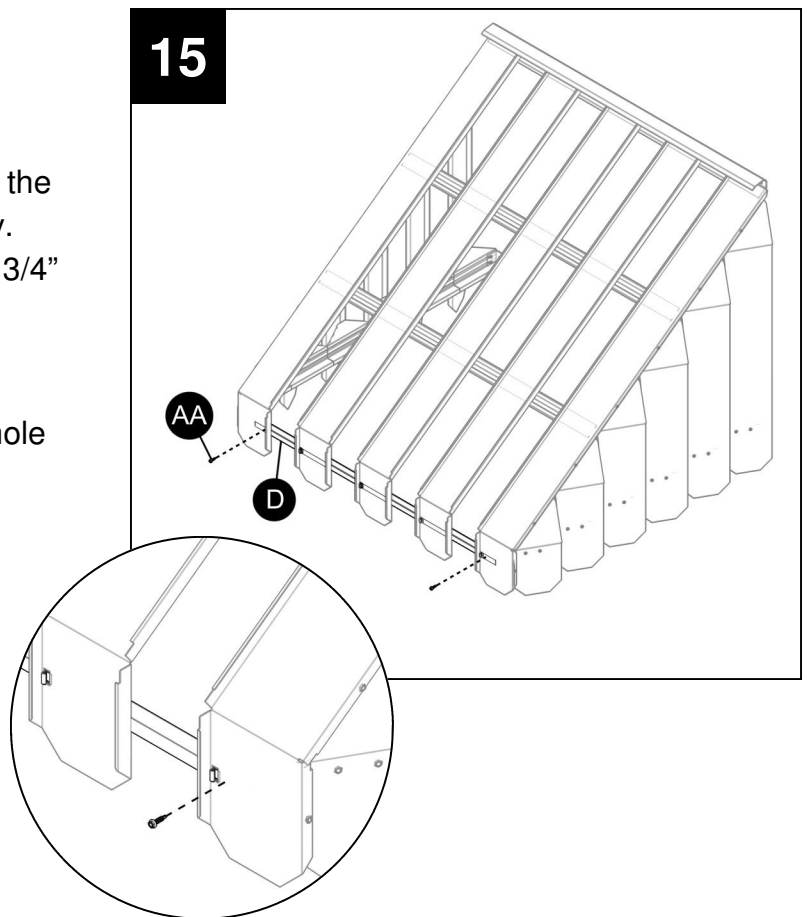
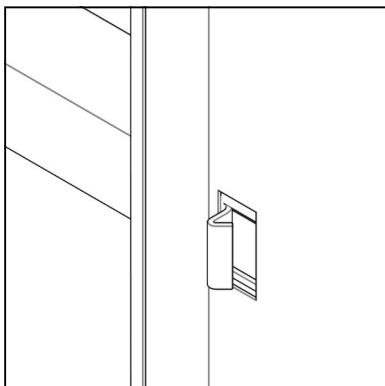
Select apron bar (D). Using a flat head screw driver, pry up each hook so there is approximately 1/8" gap. This will make it easier to attach top pan (J) in later steps.



STEP 15

Position apron bar (D) behind end pans (K) and bottom pans (I). Fit the hooks of apron bar (D) through the rectangular holes of the pans. Bend the valance of bottom pans (I) forward as necessary. Attach apron bar (D) to end pans (K) using #8 x 3/4" screw (AA) next to the rectangular holes.

NOTE: Apron bar hook MUST fit through each hole for proper alignment of pans.

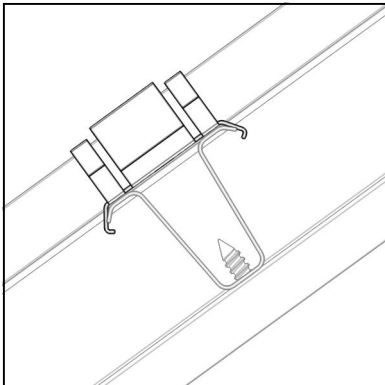


STEP 16

Attach clip (F) to runner (C) between two pans. Hook clip (F) over one side of runner (C), being sure the retainers are over the lip of both pans. Compress the top of runner (C) until you can snap clip (F) over the other side.

Start from both ends and alternate, working towards the center of the awning. Install all clips (F) on the lower runner (C) before installing on the upper runner.

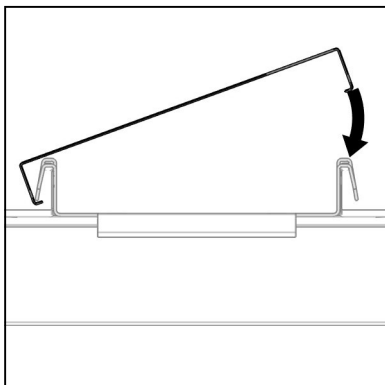
If necessary, lightly tap bottom pan (I) to keep the hooks of apron bar (D) inside the rectangular holes. This **MUST** be done to maintain proper spacing of the pans.



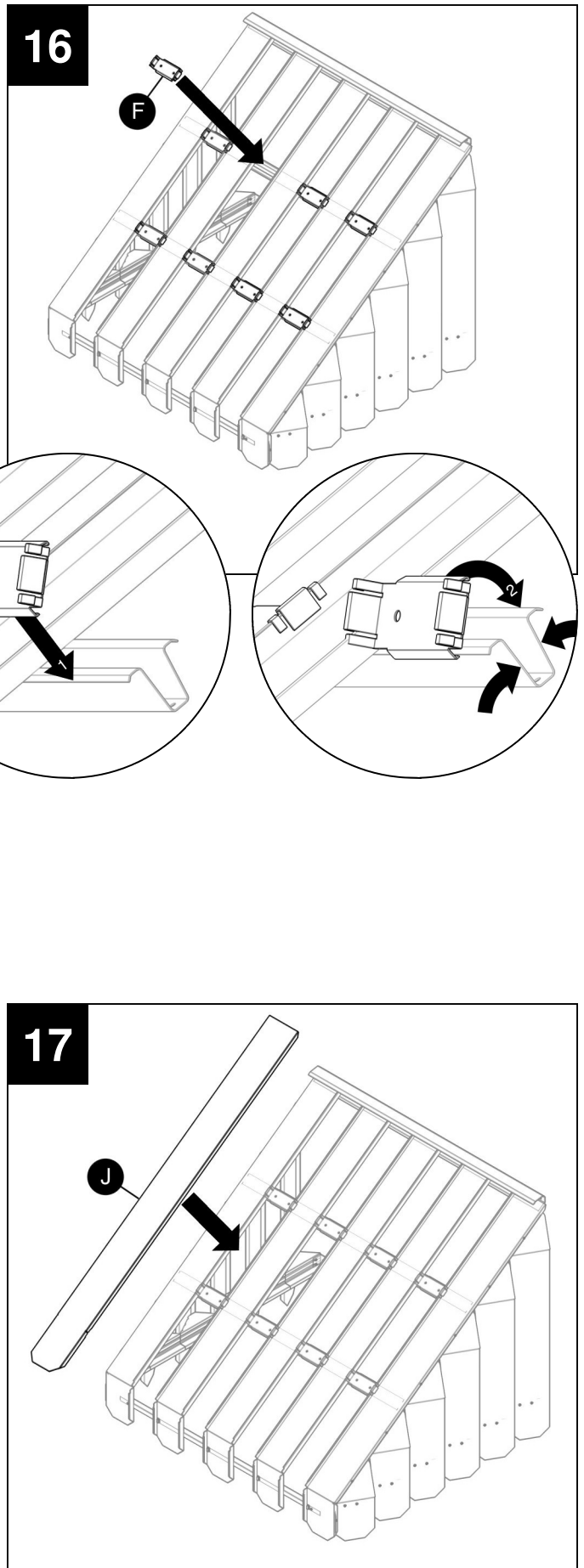
SIDE VIEW

STEP 17

Hook one side of top pan (J) over the large cover locks of clips (F). Press down on the other side to snap the locks together.



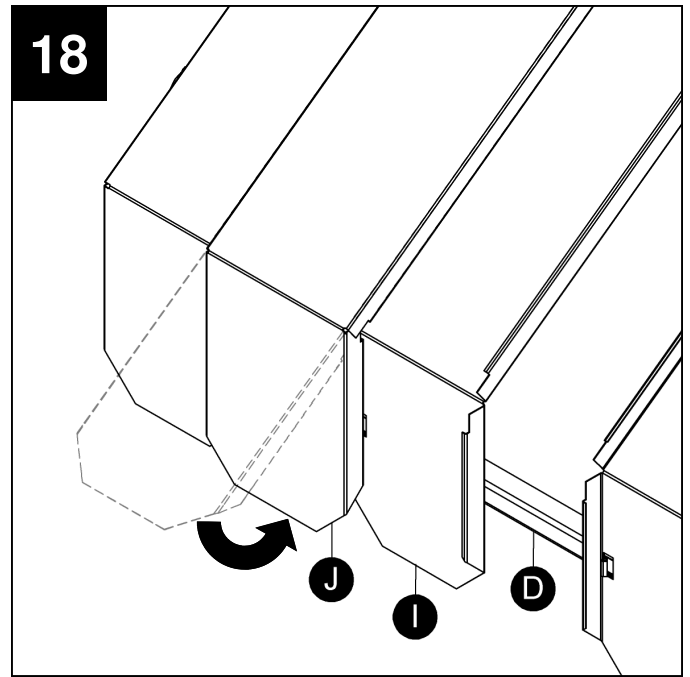
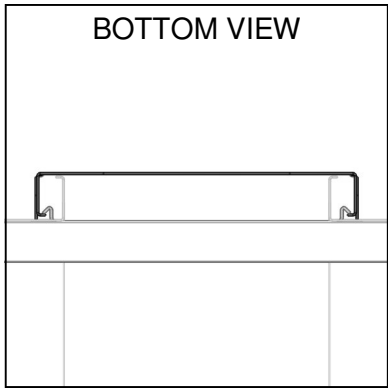
FRONT VIEW



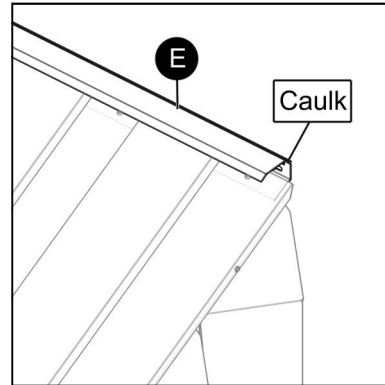
STEP 18

Bend the valance of top pan (J) and snap to the hooks on apron bar (D).

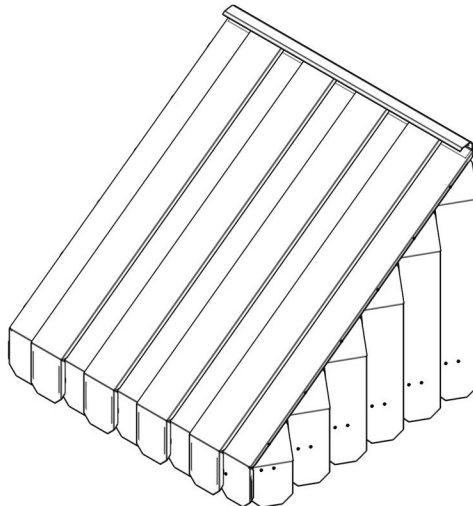
Repeat steps 17-18 for all remaining top pans (J).



Once all top pans (J) are installed, apply a continuous bead of caulk along the top of flashing (E). Caulking should be applied uniformly and without skips. A poor caulking job can cause leaks.



Assembly Completed



Care and Maintenance

Every 12 months your shade structure should be inspected and maintained by:

- Tightening loose nuts and bolts at all connections.
- Repairing damage to the finish to prevent corrosion.
- Replacing lost or damaged fasteners, brackets, and other parts.
- Replacing brittle or cracked sealer to prevent leaks.
- Removing obstructions and miscellaneous build-up from gutters, eaves, and downspouts.