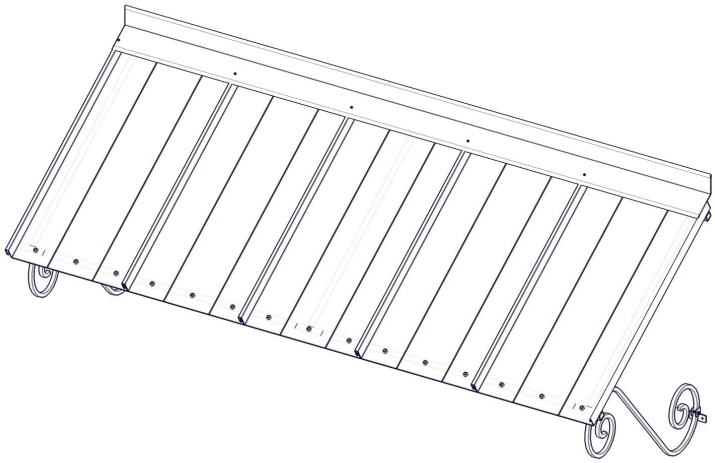
VIENNA AWNING
INSTALLATION INSTRUCTIONS



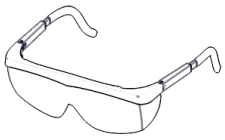
Before You Begin:

- **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. We will not be 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.**

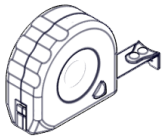
⚠ CAUTION

- 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.

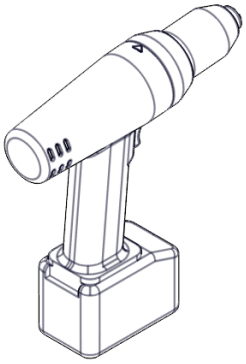
Tools Needed for Installation



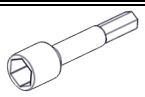
Safety Glasses



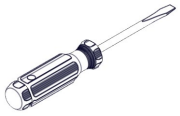
Tape Measure



Electric Drill

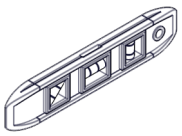


Socket / Hex Head Driver
Sizes: 1/4", 3/8",
7/16", 9/16"

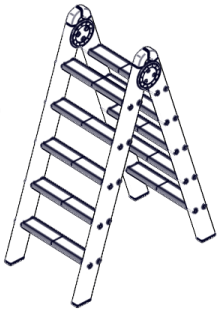


Screw Driver
Flat & Phillips

Drill Bit
Sizes: 3/16", 9/32"



Carpenters Level



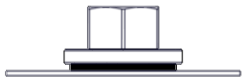
Ladder

Other Required Tools: Gloves, Chalk Line, Silicone Caulking

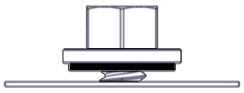
Recommended Tools: Rubber Mallet, Carpenters Square, Pliers, Metal Hack Saw

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.
- Cutting and drilling metal components will cause shavings which must be carefully removed by sweeping or brushing. If this is not done, the metal shavings will rust and stain the surface finish.
- 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

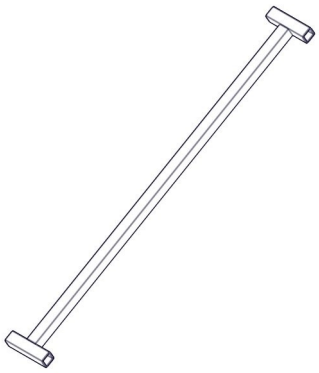
TOO TIGHT

- The center-to-center spacing of the roof panel locks must be maintained as the panels are installed. If this is not done, problems may not show up until towards the end of the installation when parts may appear to be too short or too long. If this happens, check each roof panel spacing and re-set if necessary.
- 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.

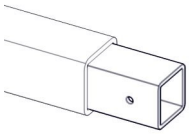
Note: *These are basic installation guidelines for our standard load units and may not be suitable to your specific installation. It is important to follow all local and national building codes when installing any exterior improvement product. If you have questions regarding the proper installation of any product, please call us toll free at 1-888-768-8404.*

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

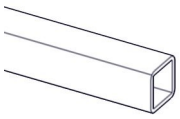
Parts List



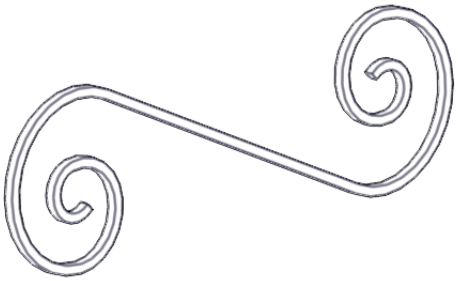
A Arm Assembly
Part Code: 60674-B



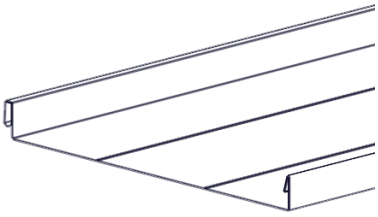
B Splice Tube
(pre-installed)
Part Code: 60673



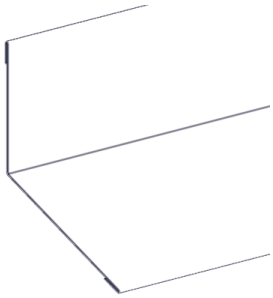
C Frame Tube
Part Code: 11221



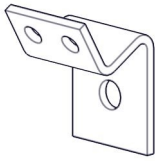
D Scroll Brace
Part Code: 30378



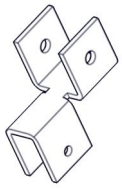
E Roof Panel
Part Code: 30121



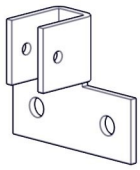
F Flashing
Part Code: 30180



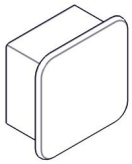
G Frame Wall Bracket
Part Code: 50224-B



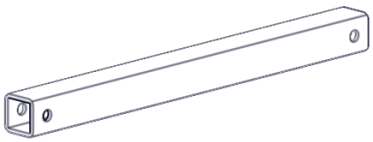
H Scroll Bracket
Part Code: 50220-B



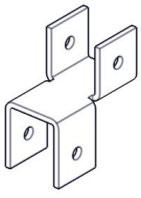
I Scroll Wall Bracket
Part Code: 50222-B



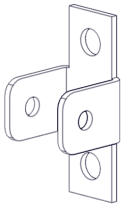
J Frame End Cap
Part Code: 90511



K Center Brace
Part Code: 11221

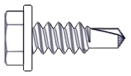


L Center Brace Bracket
Part Code: 50221-B

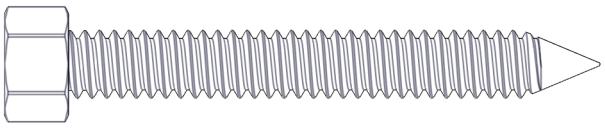


M Center Brace Wall Bracket
Part Code: 50213

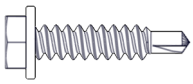
Hardware List



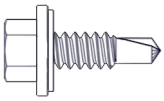
AA #8 x 1/2” Screw
Part Code: 20102



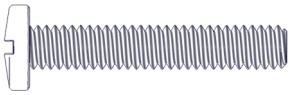
BB 3/8” x 3” Lag Screw
Part Code: 20703-ACG



CC #10 x 3/4” Screw
Part Code: 20111-ACG

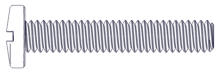


DD #14 x 3/4” Screw
Part Code: 20151



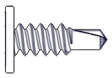
EE 1/4” x 1-1/2” Bolt
Part Code: 20407-ACG

FF 1/4” Lock Nut
Part Code: 20507-ACG

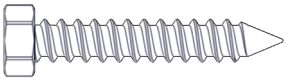


GG #10 x 1” Bolt
Part Code: 20661-ACG

HH #10 Lock Nut
Part Code: 20505-ACG



II #8 x 1/2” Philips Screw
Part Code: 20672-ACG

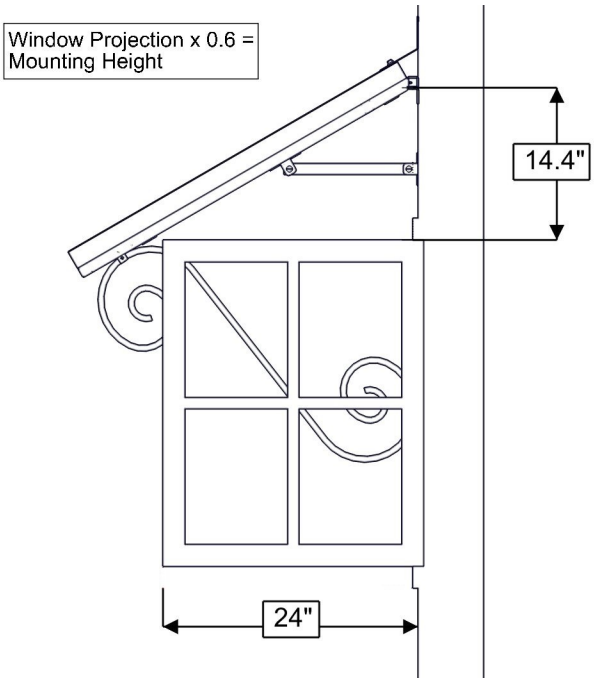


JJ 1/4” x 1-1/2” Lag Screw
Part Code: 20423-BLK

Site Preparation

- Before beginning assembly, locate wall studs that the awning must be anchored to. If studs are spaced more than 16” - 24” on center, a ledger board may be required.
- With a chalk line, mark the desired location to mount the top bar of the awning frame. To avoid an out-swinging window or door hitting the underside of the awning, first open the window or door and measure the farthest extension from the wall. Multiply that number by 0.6 to determine the proper mounting height above the top of the window or door. The length of the chalk line should be at least the length of the awning. Be sure to keep the line level.

  EXAMPLE: Out-swinging window measures 24” from the wall. Multiply 24 x 0.6 = 14.4. Measure 14.4” from the top of the window and mark with a level line.



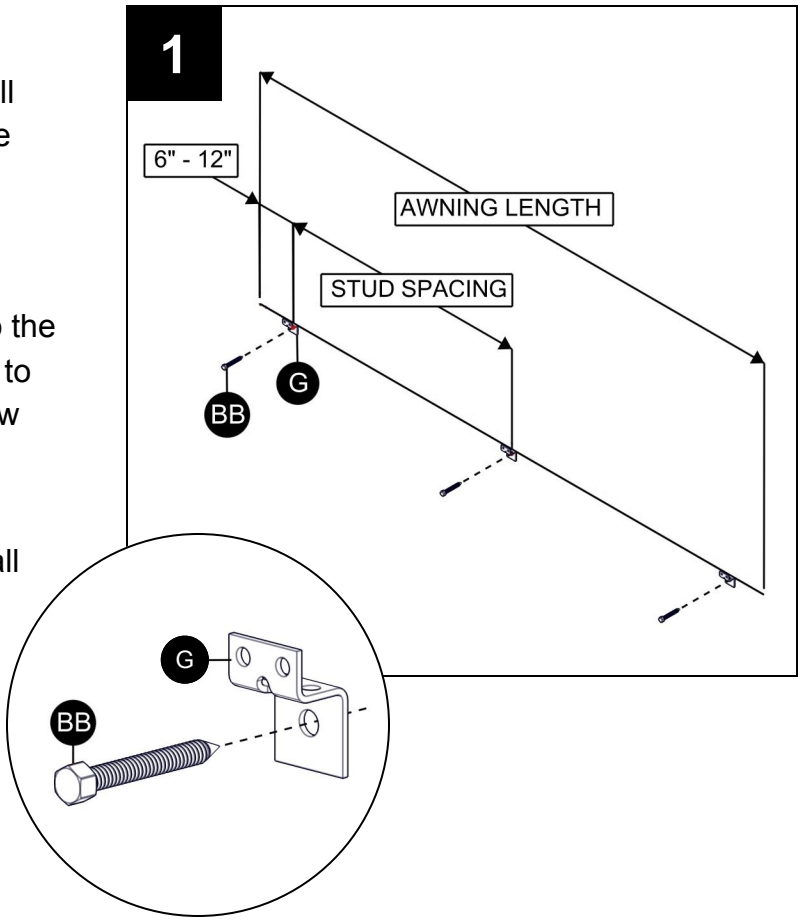
STEP 1

Position a frame wall bracket **(G)** in front of a wall stud and level with the chalk line described in the Site Preparation section. The bracket should be 6” - 12” from either end of the awning’s desired location.

Drill a 9/32” hole through the pre-drilled hole into the mounting surface. Attach frame wall bracket **(G)** to the mounting surface using (1) 3/8” x 3” lag screw **(BB)**.

Repeat for all remaining frame wall brackets **(G)** spaced no more 24” on center, depending on wall stud spacing.

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

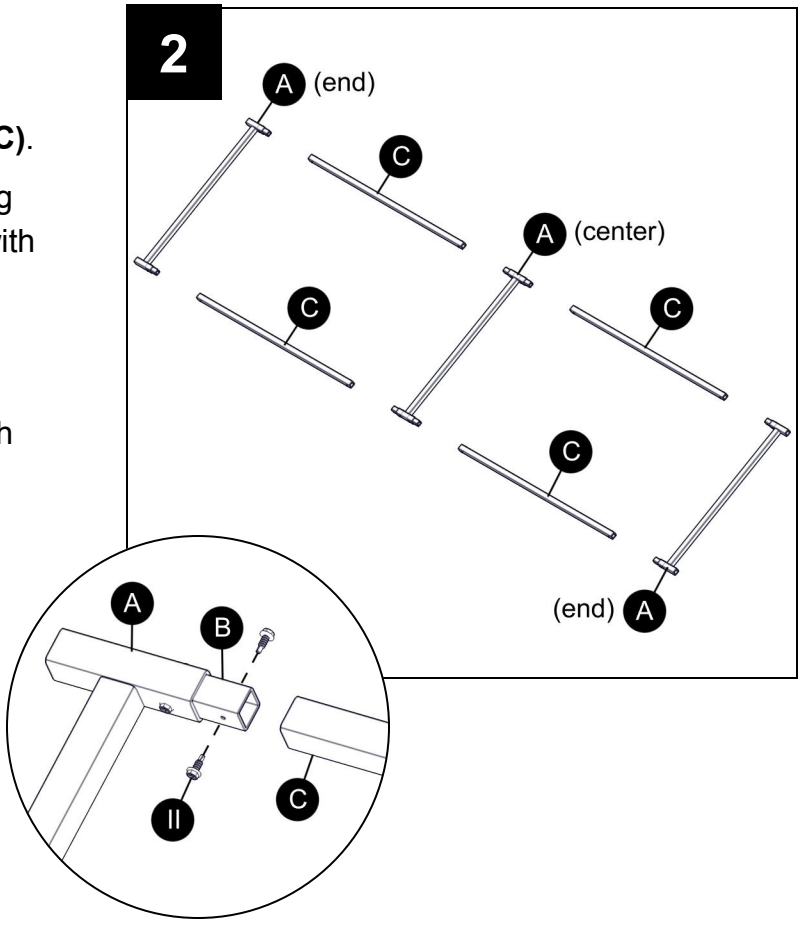


STEP 2

Assemble frame using arm assemblies **(A)**, with pre-installed splice tubes **(B)**, and frame tubes **(C)**.

Frame tube length will vary depending on awning length. Each awning will receive (2) end arms, with splice tubes on one side only. You may receive additional center arms, with splice tubes on both sides, depending on awning length.

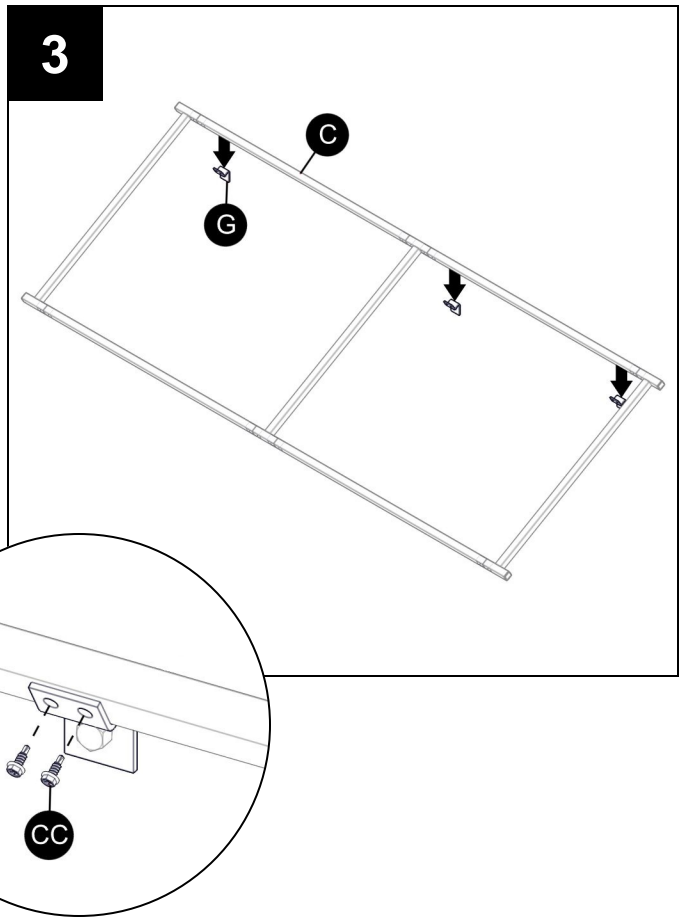
Fit frame tube **(C)** over splice tube **(B)** and attach using (2) #8 x 1/2” screws **(II)**. Repeat with remaining frame tubes to fully assemble awning frame. Optionally, if frame consists of multiple sections, assemble (1) section and continue to Step 3. Repeat Steps 2 and 3 as required.



STEP 3

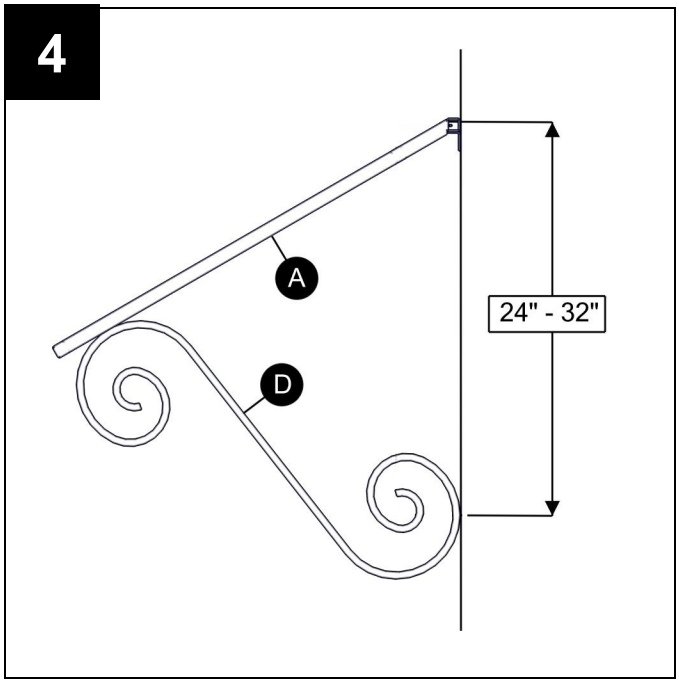
Hang the awning frame so that the top bar rests in the frame wall brackets **(G)**. Attach to each bracket using (2) #8 x 3/4” screws **(CC)**.

TIP: Use a ladder with a spare board or other shim to temporarily support the front of the awning frame until all supports are installed.



STEP 4

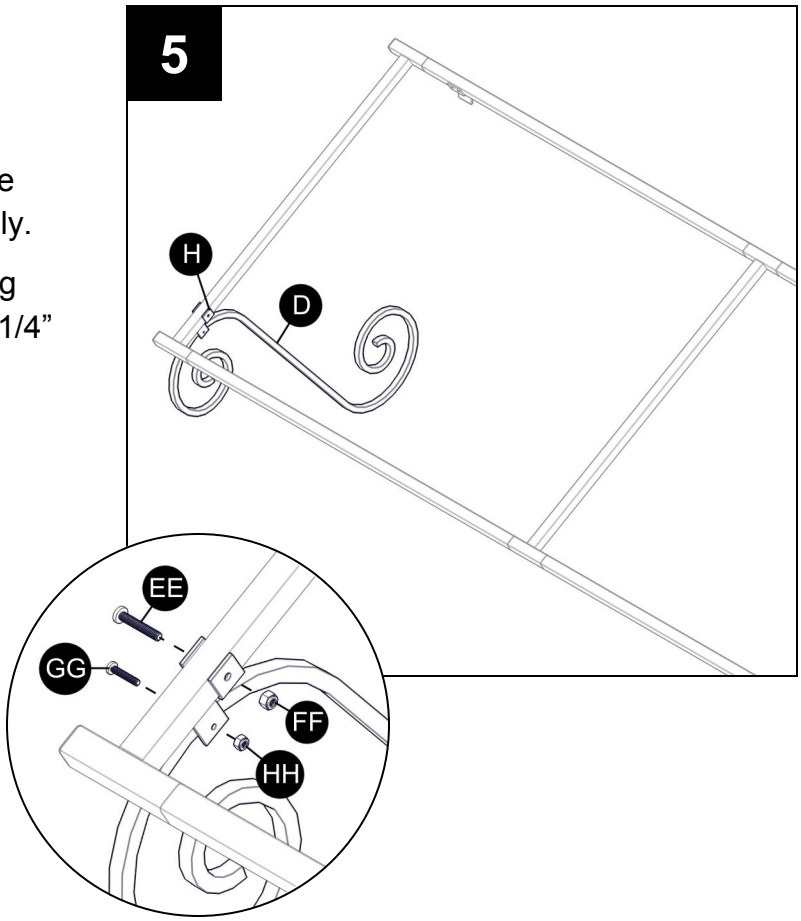
Position a scroll brace **(D)** so that one end touches the side of arm assembly **(A)** and the other end reaches the mounting surface. The bottom of scroll brace **(D)** must be between 24” and 32” below the top bar of the awning frame, with a recommended distance of approximately 30”.



STEP 5

While holding scroll brace **(D)** in the desired location, position and mark the location of scroll bracket **(H)** on arm assembly **(A)**. Drill a 1/4” hole through the pre-drilled hole and the arm assembly.

Attach scroll brace **(D)** to arm assembly **(A)** using scroll bracket **(H),** (1) 1/4” x 1-1/2” bolt **(EE)**, (1) 1/4” lock nut **(FF)**, (1) #10 x 1” bolt **(GG)**, and (1) #10 lock nut **(HH)**.

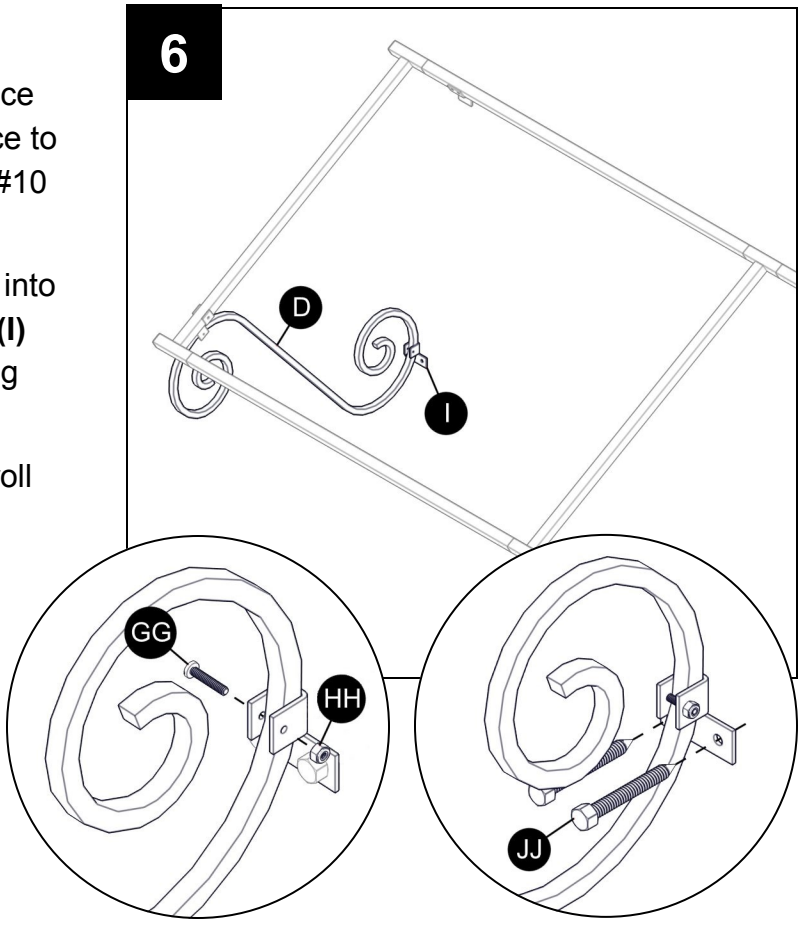


STEP 6

Position scroll wall bracket **(I)** between scroll brace **(D)** and the mounting surface. Pin the scroll brace to the bracket using (1) #10 x 1” bolt **(GG)** and (1) #10 lock nut **(HH)**.

Drill (2) 3/16” holes through the pre-drilled holes into the mounting surface. Attach scroll wall bracket **(I)** to the mounting surface using (2) 1/4” x 1-1/2” lag screws **(JJ)**.

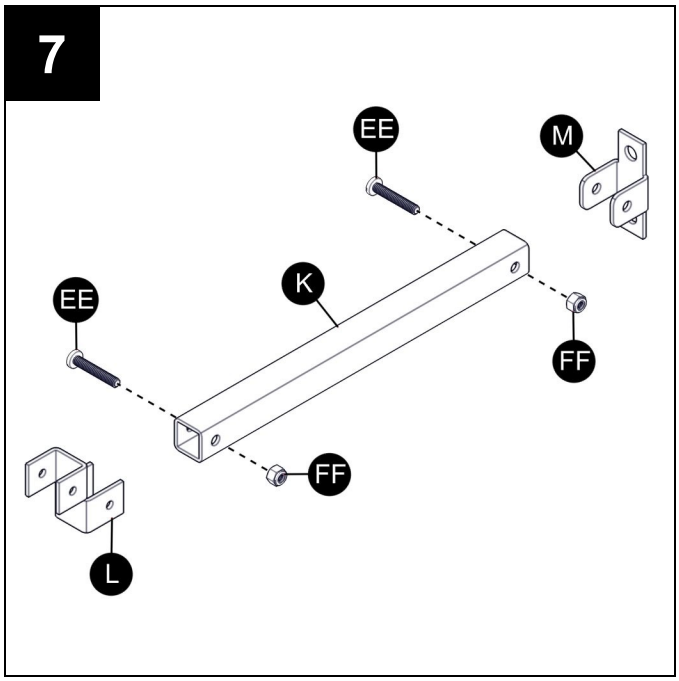
Repeat Steps 5 and 6 to attach all remaining scroll braces **(D)**. All awnings receive (2) scroll braces that should be attached to the end arm assemblies **(A)**. Additional braces may be ordered and attached to center arm assemblies.



STEP 7

Center braces are required to support the awning frame over certain lengths. Smaller awnings may not receive any center braces. If so, skip to Step 10 on page 9.

Assemble center brace **(K)** with brackets **(L)** and **(M)** as shown using (2) 1/4” x 1-1/2” bolts **(EE)** and 1/4” lock nuts **(FF)**.

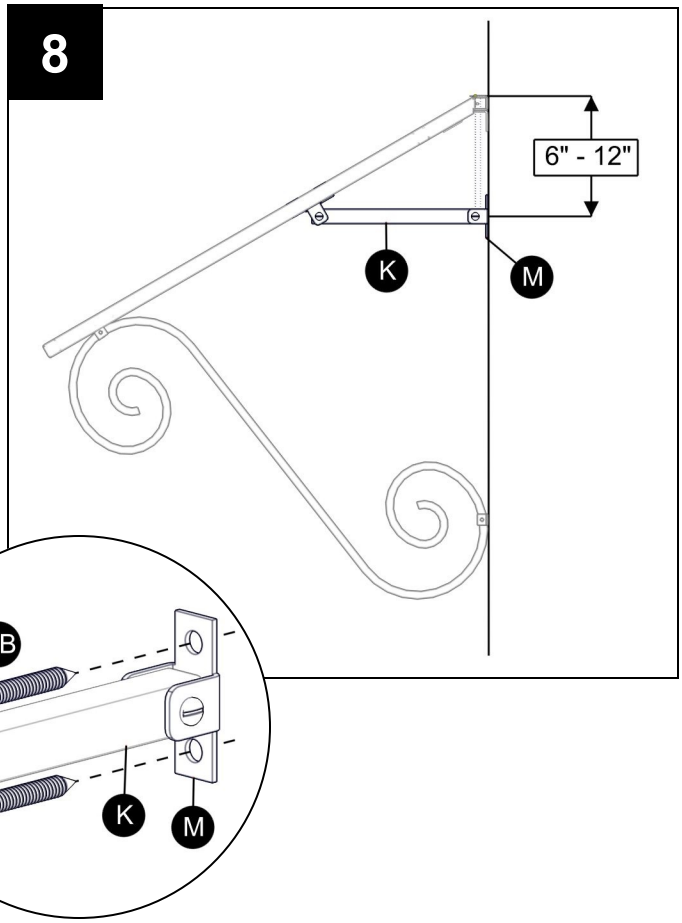


STEP 8

Position center brace **(K)** assembly so that center brace bracket **(L)** fits over a center arm assembly **(A)** and center brace wall bracket **(M)** reaches the mounting surface.

It is recommended to install center brace **(K)** horizontally. It may be installed at an angle, no less than 6” and no more than 12” from the top bar.

While holding center brace **(K)** assembly in the desired position, mark the locations of the holes in center brace wall bracket **(M)** on the mounting surface and drill 9/32” holes. Attach the bracket using (2) 3/8” x 3” lag screws **(BB)**.

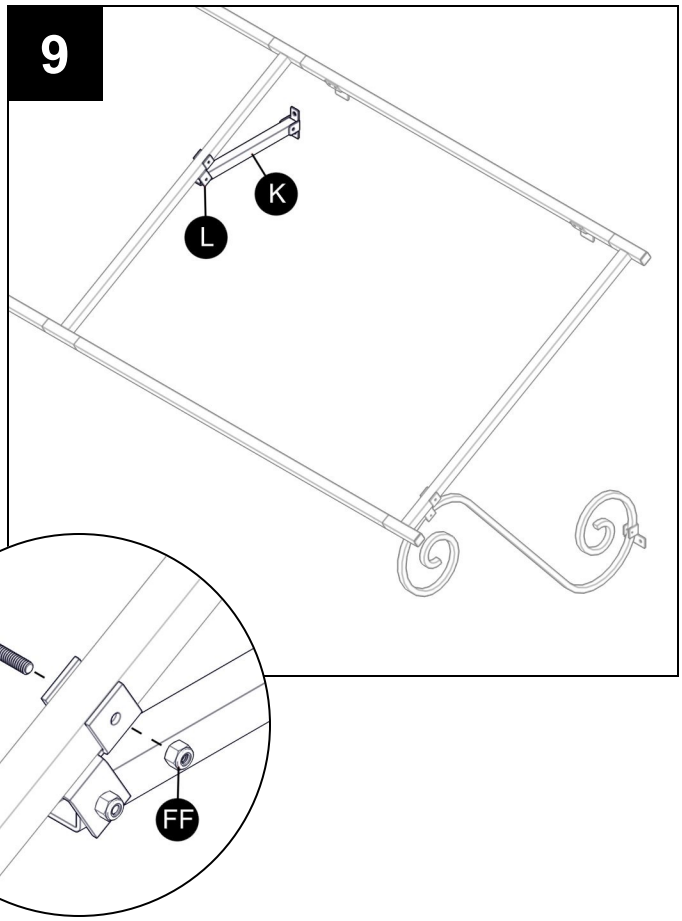


STEP 9

Position and mark the location of center brace bracket **(L)** on arm assembly **(A)**. Drill a 1/4” hole through the pre-drilled hole and the arm assembly.

Attach center brace bracket **(L)** to arm assembly **(A)** using (1) 1/4” x 1-1/2” bolt **(EE)** and (1) 1/4” lock nut **(FF)**.

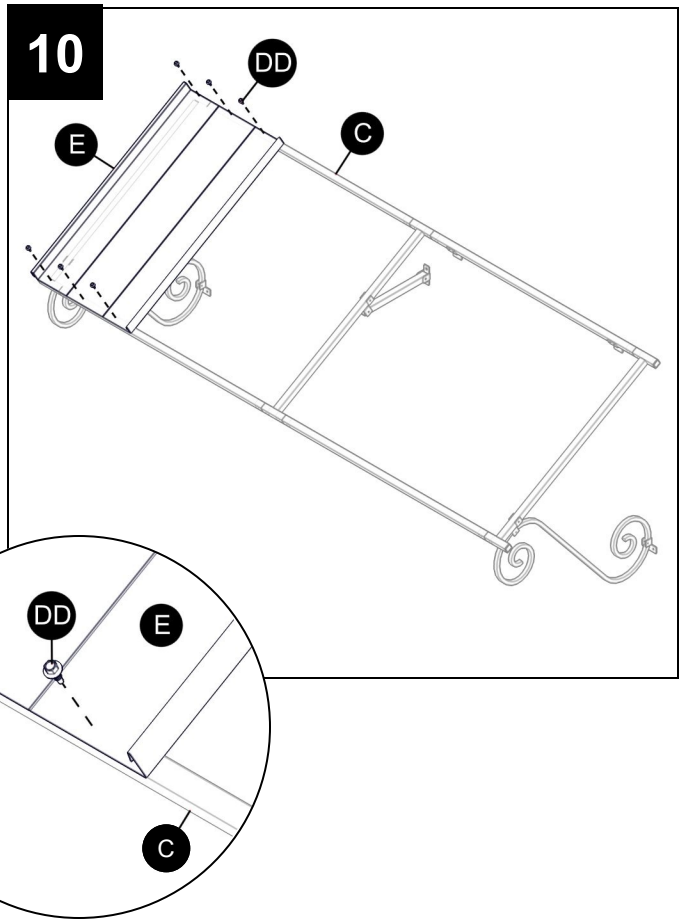
Repeat steps 7-9 for any remaining center braces **(K)**.



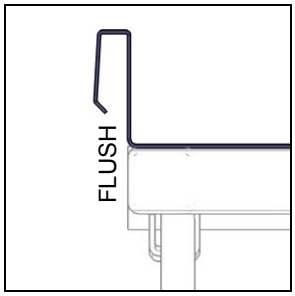
STEP 10

Begin roof assembly by positioning a roof panel **(E)** with the female lock side flush with the end of arm assembly **(A)** and the front of the panel flush with the front bar.

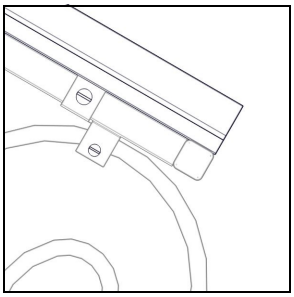
Attach roof panel **(E)** to frame tube **(C)** using (6) #14 x 3/4” screws **(DD)** per panel, (3) screws to the bottom bar of the awning frame and (3) screws to the top bar.



FRONT VIEW



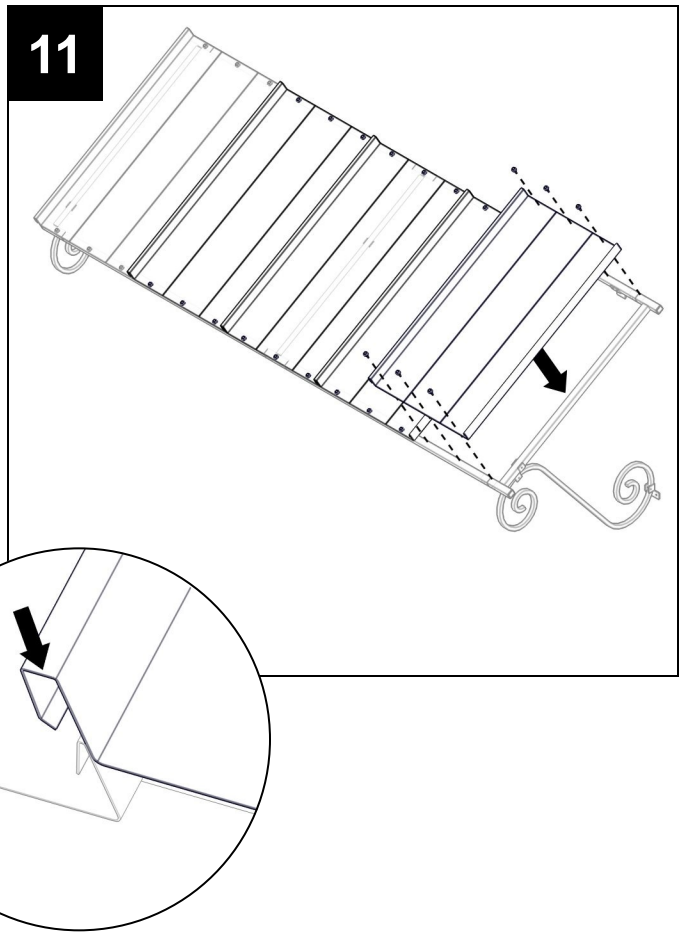
SIDE VIEW



STEP 11

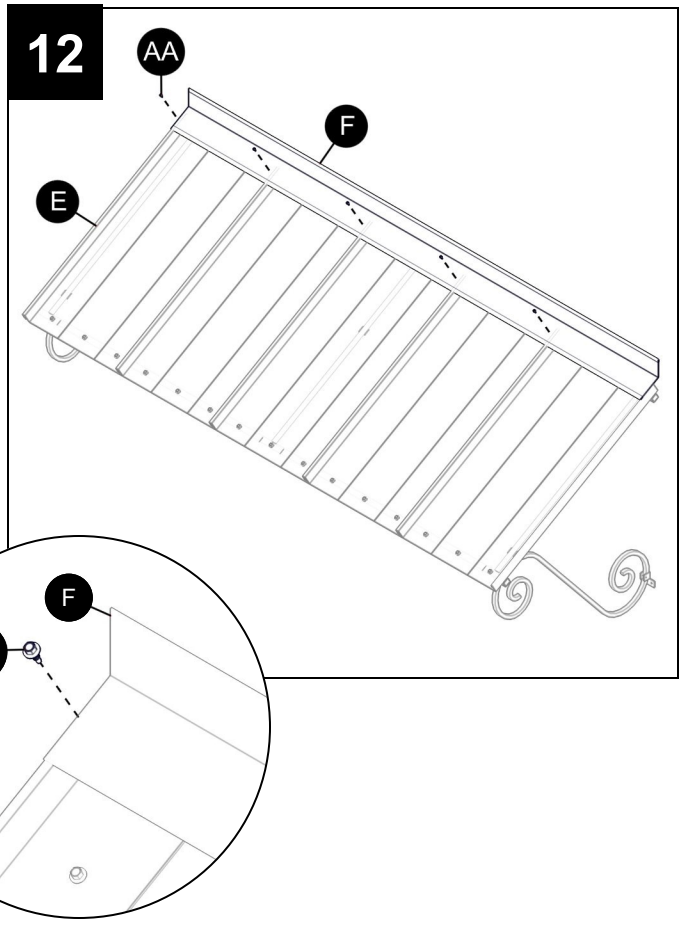
To install the next roof panel **(E)**, position the female lock over the male lock of the previous panel and line up the front edges of the panels until flush. Snap the locks by tapping with a rubber mallet along the length of the panel until it is firmly in place. Attach to the awning frame as shown in Step 10.

Repeat for all remaining roof panels **(E)**.



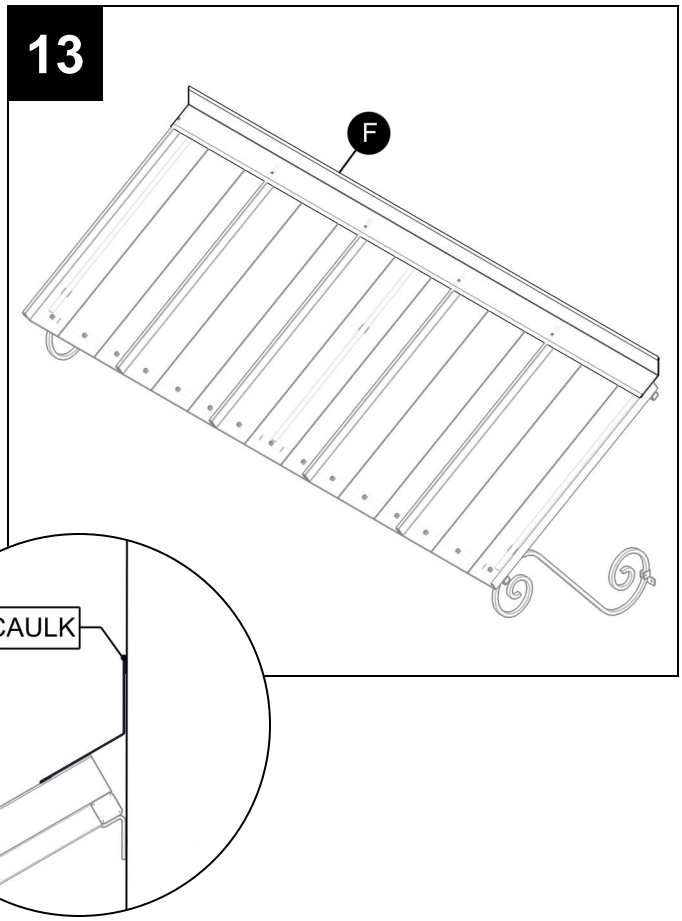
STEP 12

Position flashing **(F)** at the top of roof panels **(E)** and against the mounting surface. Attach to the lock of each panel using #8 x 1/2” screws **(AA)**.



STEP 13 (Optional)

Run a continuous bead of caulk along the top of flashing **(F)** against the mounting surface to hold the top of the flashing in place and prevent leaks.



Assembly Completed