

Atlantic

Premium Shutters®

Bahama Installation Instructions



Atlantic Shutters are custom made-to-order products and as such, orders placed are non-returnable, non-cancelable, and non-refundable.

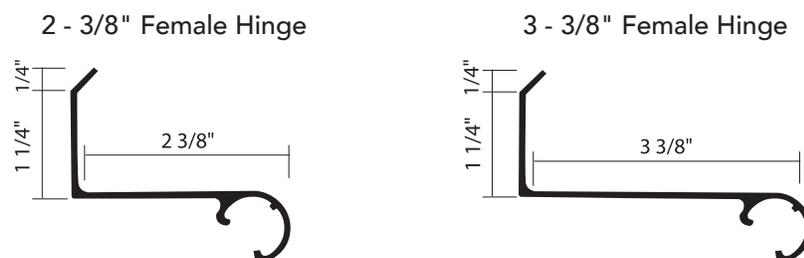
BAHAMAS SHUTTER MEASURING

Atlantic Bahamas Shutters are designed to fit over the window opening, not into the trap. When measuring, measure the width and height of the window opening and add 3" to both the width and the height. This allows the shutter to be 1-1/2" larger than the actual window opening on all sides. The 1-1/2" overhang on both sides provides room to attach the tilt arms to the shutter. Shutter height can be 1-1/2" taller than window opening rather than 3" if there is a sill in the way of closing. Due to louver placement Shutter sizes are shown at 1-1/2" increment. Please take this into account for proper closing.

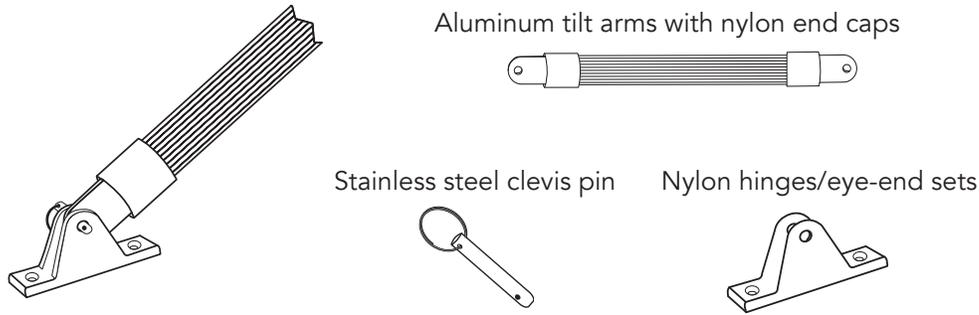
INSTALLATION

Pre-drill the aluminum female hinge with screw holes 8" on center. Connect the female hinge to the male hinge on the shutter by sliding the two together. Place the shutter in the desired closed position then rotate the female hinge until it rests flat against the wall of the structure. Use the pre-drilled holes on the female hinge to mark for pre-drilling into the wall. After removing the female hinge from the shutter, screw the female hinge to the wall and then slide the shutter with the male hinge back onto the wall mounted female hinge.

NOTE – Female hinge clearance is not factored into overall shutter height. The Male hinge is approximately 1 inch shorter than the female hinge; this is to allow for a set screw to be installed.



TILT ARM INSTALLATION



Attach a nylon hinge/eye to each stile approximately 2" from the bottom, with the screw holes 3/4" inward from the outside edge. After mounting the hinge/eyes to the shutter, allow the shutter to hang from the top mounted hinge. Position a second hinge/eye on the wall so both hinge/eyes can be pinned together when the shutter is in the closed position. Mark the location and attach the hinge/eye to the building. Repeat this procedure for the other stile.

Open the shutter so the louvers are horizontal, providing the best view outwards, or however far you prefer. Measure the distance between the hinge/eye on the shutter and the hinge/eye on the wall. Cut the tilt arms to length, being sure to allow for the nylon end caps. Connect the tilt arms to the hinge/eyes using the clevis pins which are provided.

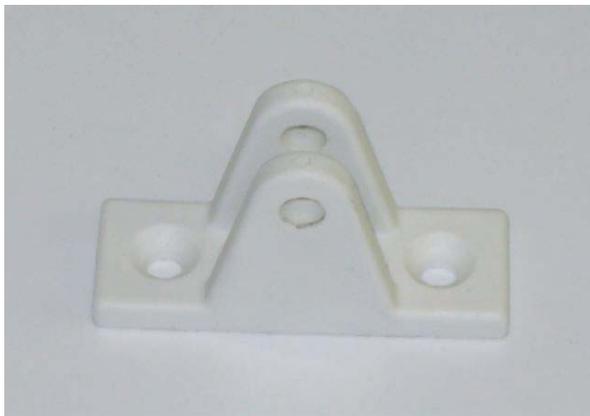
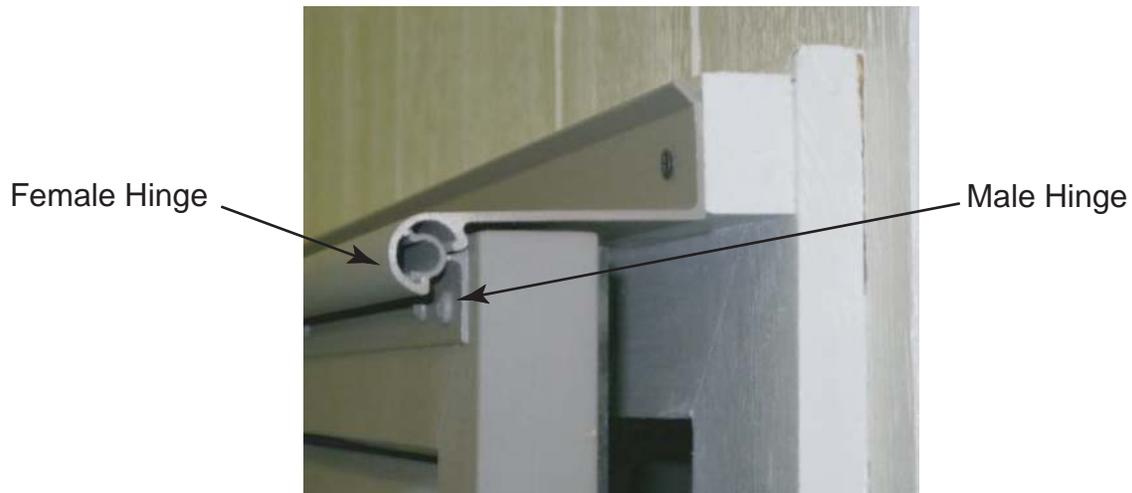
Storm shutters should have nylon hinge/eye clips at each bottom corner and at third points across the bottom rail. Stiles should have nylon hinge/eye clips at each bottom corner and at third points up each stile. This will allow for shutter to be secured when closed for storm protection.

STORM RATED BAHAMA SHUTTER

Installation Instructions

- 20 pcs. Camelback Clips
 - 10 pcs. Clevis Pins
 - 2 pcs. Tilt Rods (factory assembled)
 - 1 pc. Female Hinge
 - 1 pc. Male Hinge (factory attached to shutter)
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NOTE:
BEFORE BEGINNING ANY STEPS,
THOROUGHLY READ ANCHOR
SPECIFICATIONS ON NEXT PAGE.



Camelback Clip



Clevis Pin



Tilt Rod

ANCHOR SPECIFICATIONS

- EXISTING STRUCTURE MAY BE CONCRETE, HOLLOW BLOCK OR WOOD FRAMING. FOR PROPER ANCHOR TYPE BASED ON TYPE OF EXISTING STRUCTURE, SEE ANCHOR SCHEDULE BELOW.
- ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS' RECOMMENDATIONS.
- WHERE EXISTING STRUCTURE IS CONCRETE OR HOLLOW CONCRETE BLOCK, MINIMUM EDGE DISTANCE SHALL BE 3" FOR ALL ANCHORS.
- WHERE EXISTING STRUCTURE IS WOOD FRAMING, EXISTING CONDITIONS MAY VARY. FIELD VERIFY THAT FASTENERS ARE INTO ADEQUATE WOOD FRAMING MEMBERS, NOT PLYWOOD.
- MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDES STUCCO OR OTHER EXTERIOR WALL FINISHES.

CAMELBACK CLIP ALLOWABLE ANCHORS:

TO CONCRETE: 3" FASTENER EDGE DISTANCE

- 1/4" x 1 3/4" EMBED TAPCONS OR EQUIVALENT

TO WOOD: 3/4" FASTENER EDGE DISTANCE

- #10 x 1 1/2" EMBED WOOD SCREWS OR EQUIVALENT.

MALE HINGE ALLOWABLE ANCHORS:

TO CONCRETE: 3" FASTENER EDGE DISTANCE; 7" FASTENER SPACING

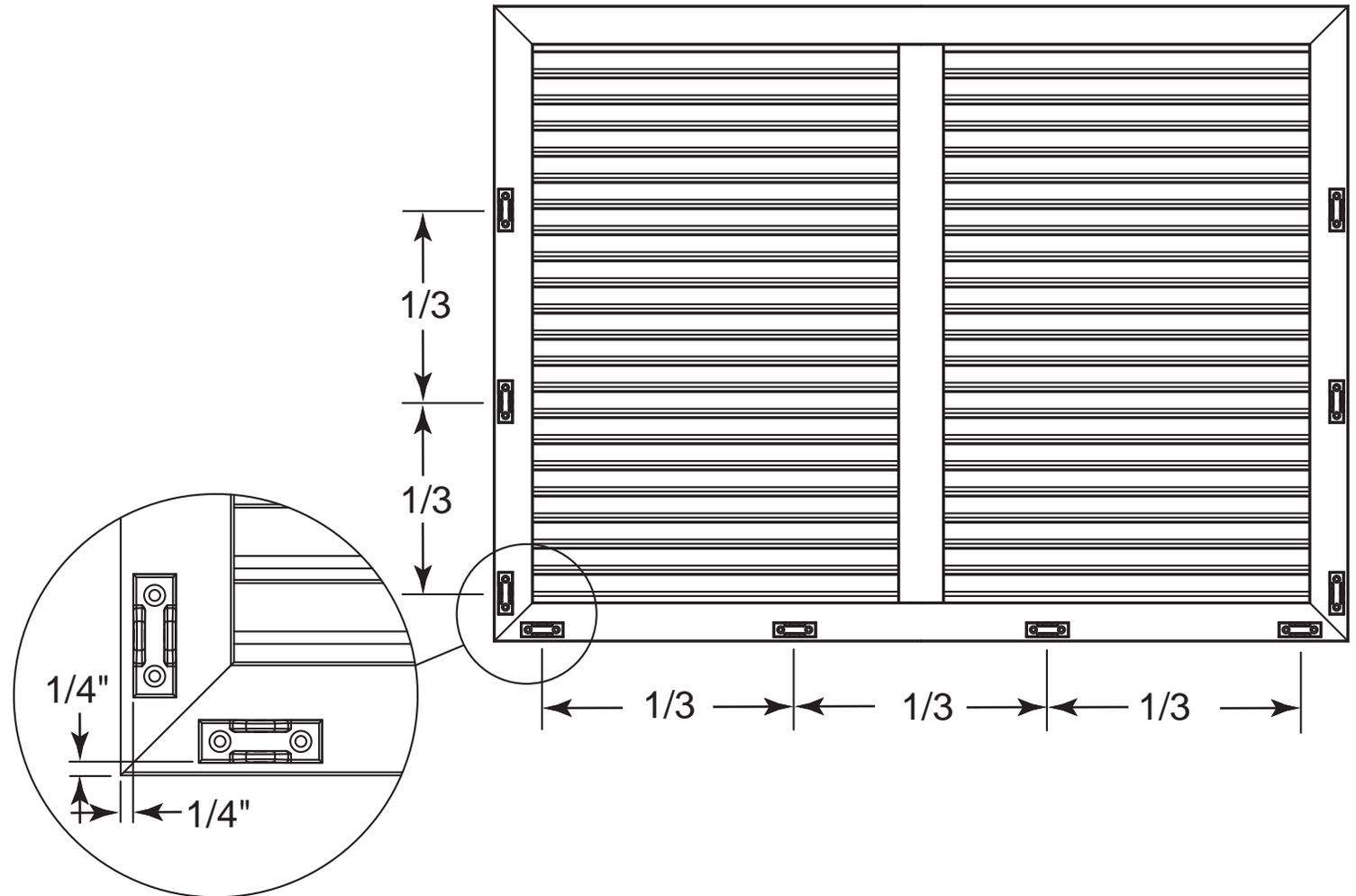
- 3/16" x 1 3/4" EMBED TAPCON OR EQUIVALENT
- 1/4" x 1 3/4" EMBED TAPCON OR EQUIVALENT

TO WOOD: 3/4" FASTENER EDGE DISTANCE

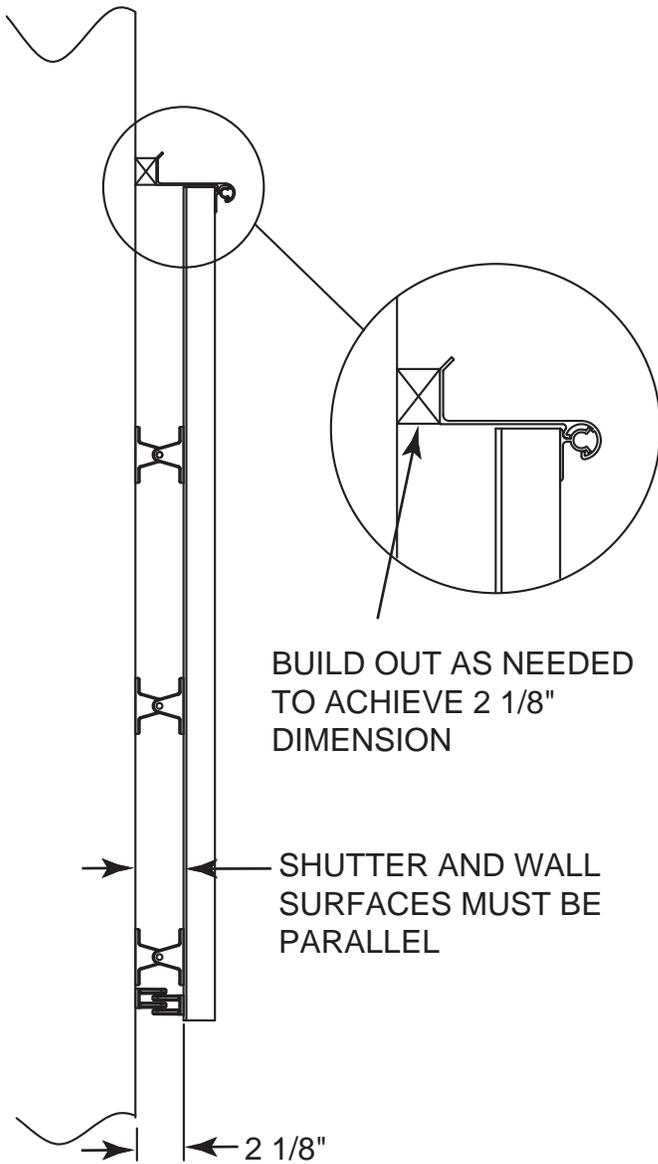
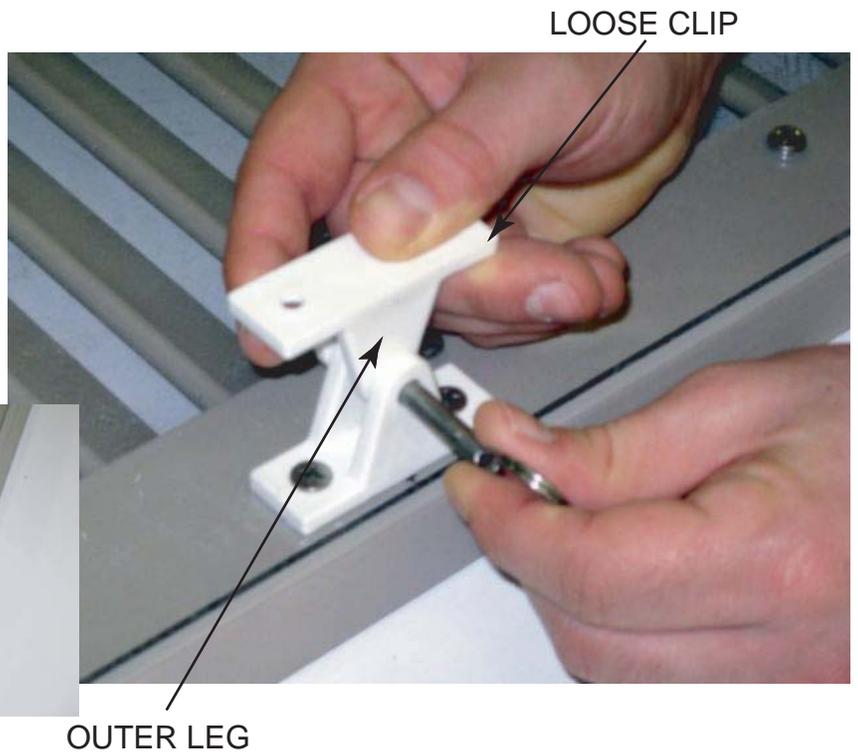
- 1/4" x 2" EMBED LAG SCREW OR EQUIVALENT
- #12 x 1 1/4" EMBED WOOD SCREW OR EQUIVALENT



- 1 Install the Camelback Clips on the back of the shutter. Pre-drill pilot holes using a 5/32" drill bit. Three clips should be placed in thirds spacing on the vertical stiles of the shutter. Four clips should be evenly spaced across the bottom rail. To ensure the mounting screws anchor into the screw bosses in the shutter, space the clips 1/4" away from edge.



- 2 Pin a Camelback Clip to each of the ten Camelback Clips that were previously installed in Step 1. Ensure the outer leg of the loose clip is straddled by the mounted clip.



- 3 Mount the Female Hinge to the wall using the correct fastening hardware and spacing shown on the anchor specification page. Center the Female Hinge horizontally.

*Build out may be required to achieve 2 1/8" spacing and parallel surfaces.



- 4 Attach the shutter to the Female hinge by aligning the hinges and sliding the shutter toward the window.



- 5 With the shutter centered over the window opening, mark the location of all the Camelback clips on the wall. Remove the Clevis Pins and attach the clips to the wall using the proper fasteners as stated on the anchor specification page.



- 6 To ensure proper alignment, insert a pin through each of the Camelback clips.



- 7 Install the Tilt Arm by removing the previously installed pin. Insert the arm between the Camelback Clips and pin it into place.

