

Please Read Before Getting Started

Important Warranty Information about INTEX Assembled Composite Shutters

INTEX Millwork LLC, warrants that its Assembled Shutter Products are free from manufacturing defects which result in cracking, splitting, and rotting under normal weather conditions for the life of the product. INTEX also warrants that its factory paint finishes on the Warranted Products will not peel or flake for the life of the product.

Painting Assembled Shutters

If Shutters are ordered without the INTEX factory finish applied, it is recommended to use premium grade acrylic paints with solar reflective pigment for finishing prior to installation. See your preferred paint specialist for recommendations. Note that shutters require finishing to be eligible for a structural warranty, but that this warranty does not apply to finish applied by the installer or end user.

Cleaning

To keep your INTEX products looking new, they should be cleaned at least 2 times per year with soap and water to prevent dirt buildup and possible staining. Any exposed stainless steel or powder coated hardware such as assembly hardware, hinges and brackets, must be washed a minimum of two times per year to minimize the effects of corrosion over time.

Third-Party Hardware

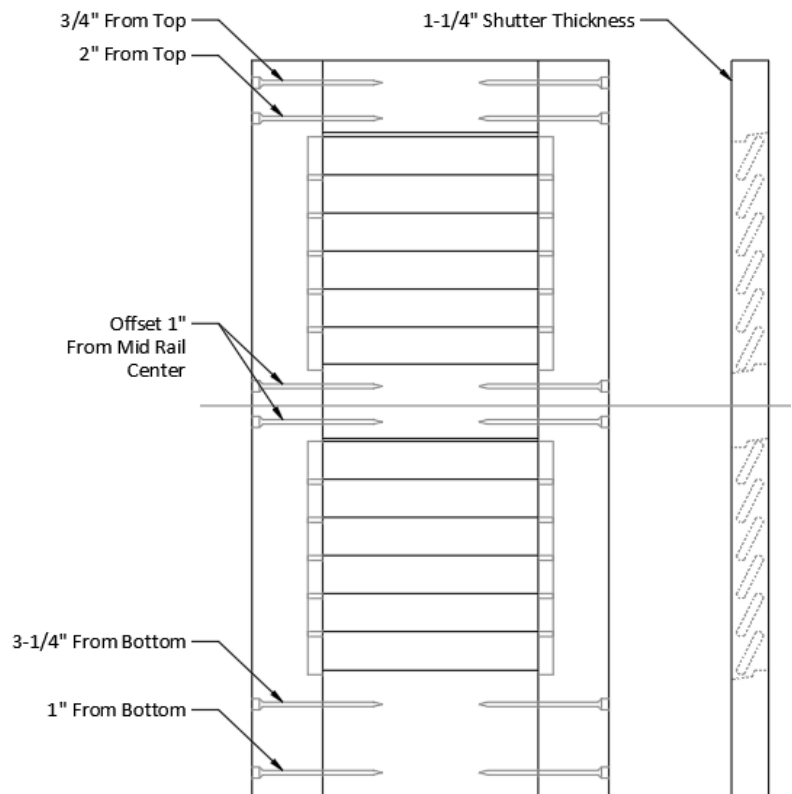
Please note that INTEX Assembled Shutter Products are not covered under warranty for mechanical failures when installed with third-party hardware. However, provided below are some considerations if third-party hardware is being used:

Assembly Screws

To ensure structural integrity, assembly screws are used to join the rails and stiles. Care should be taken so that any attachment hardware does not collide with these assembly screws during installation. Vertical positions of these assembly screws are noted to the right.

Hardware Screw Length

INTEX Assembled Shutters are all manufactured at 1-1/4" thick. It is important to use hardware screws which are long enough to support the shutter and short enough that they don't exit the rear face. INTEX recommends a minimum of 1" and a maximum of 1-1/4" for hardware screws.



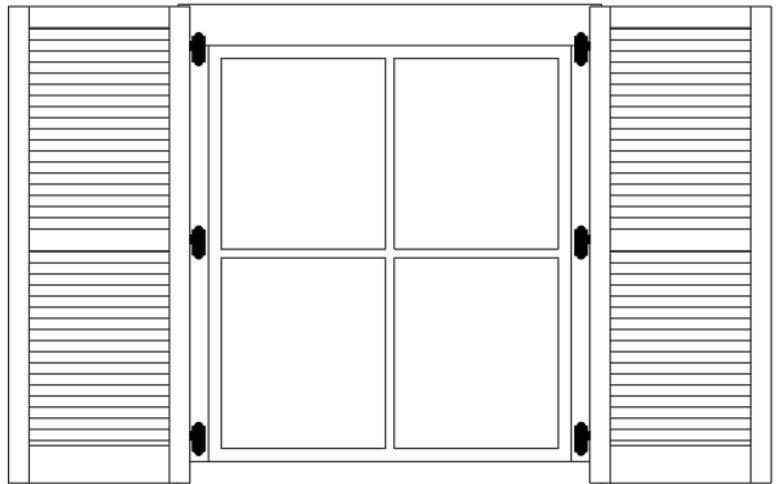
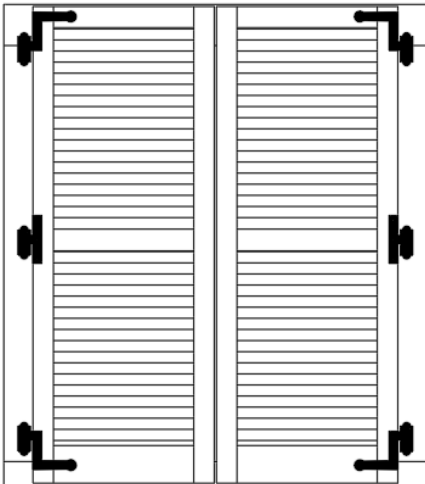
Standard Hardware Kit

The INTEX Standard Shutter Installation Hardware Kit is designed to accommodate most installation scenarios, which will be referred to in this instruction as falling into one of two categories – **Surface Mount** or **Decorative Mount**.

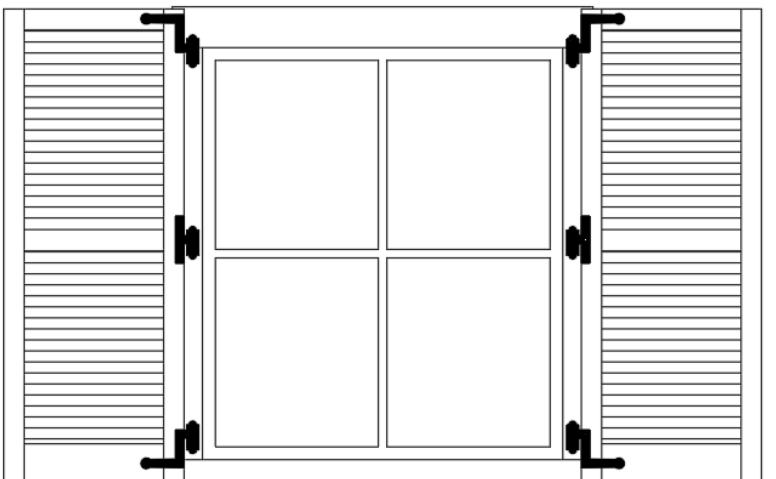
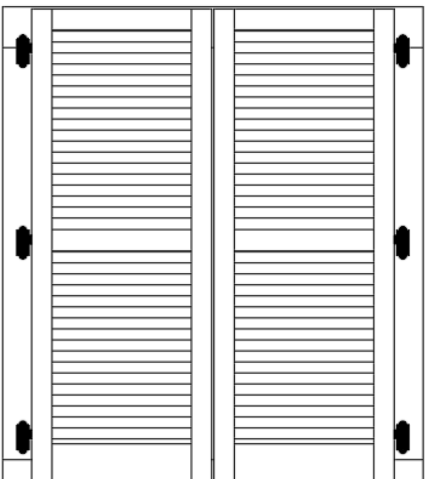
Surface Mount Installation involves mounting the hinge pintels directly to the window casing or surrounding facade so that the hinge straps are **visible** to an outside observer **when the shutters are closed over the window opening**. Surface mount also requires that there are no projections from the casing or facade such as decorative molding, as the shutters will close nearly flush with the mounting surface.

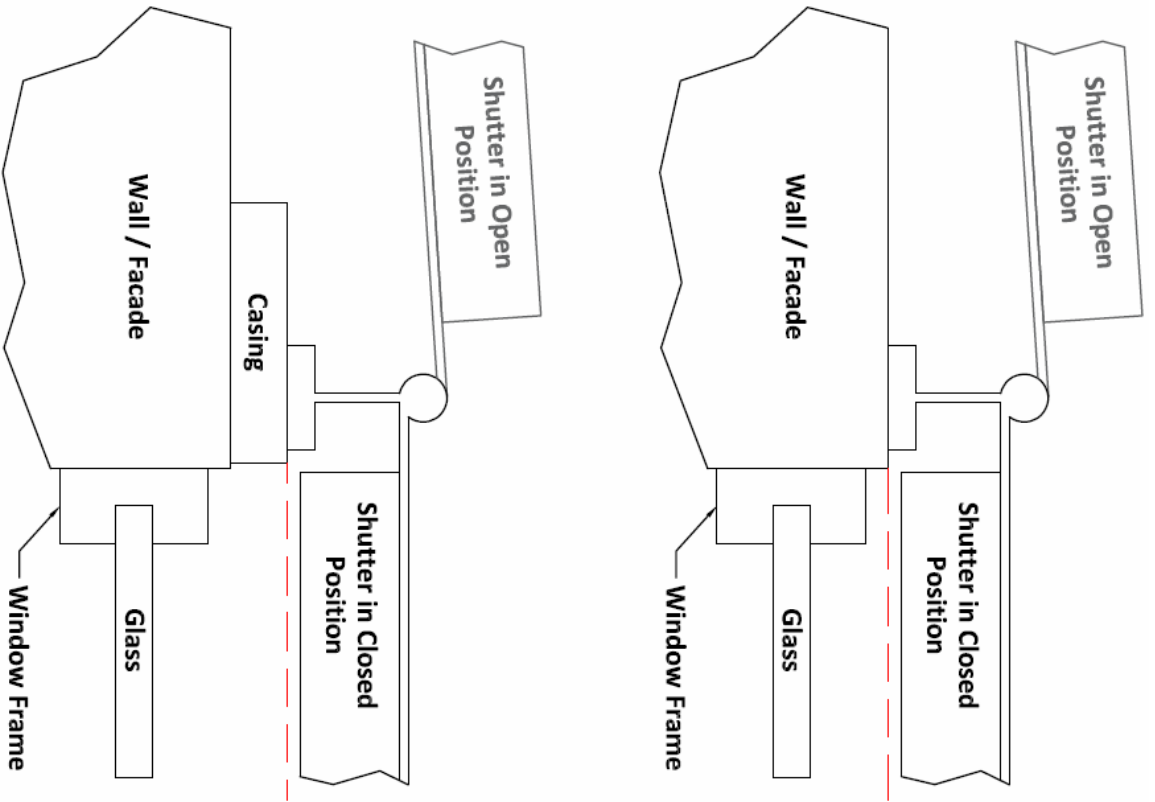
Decorative Mount Installation involves mounting the hinge pintles directly to the window casing or surrounding facade so that the hinge straps are **visible** to an outside observer **when the shutters are in the open position**. Decorative mount also allows for the shutter to close over features that project from the mounting surface up to 2", such as brick mold or other decorative moldings or casings.

Surface Mount Application



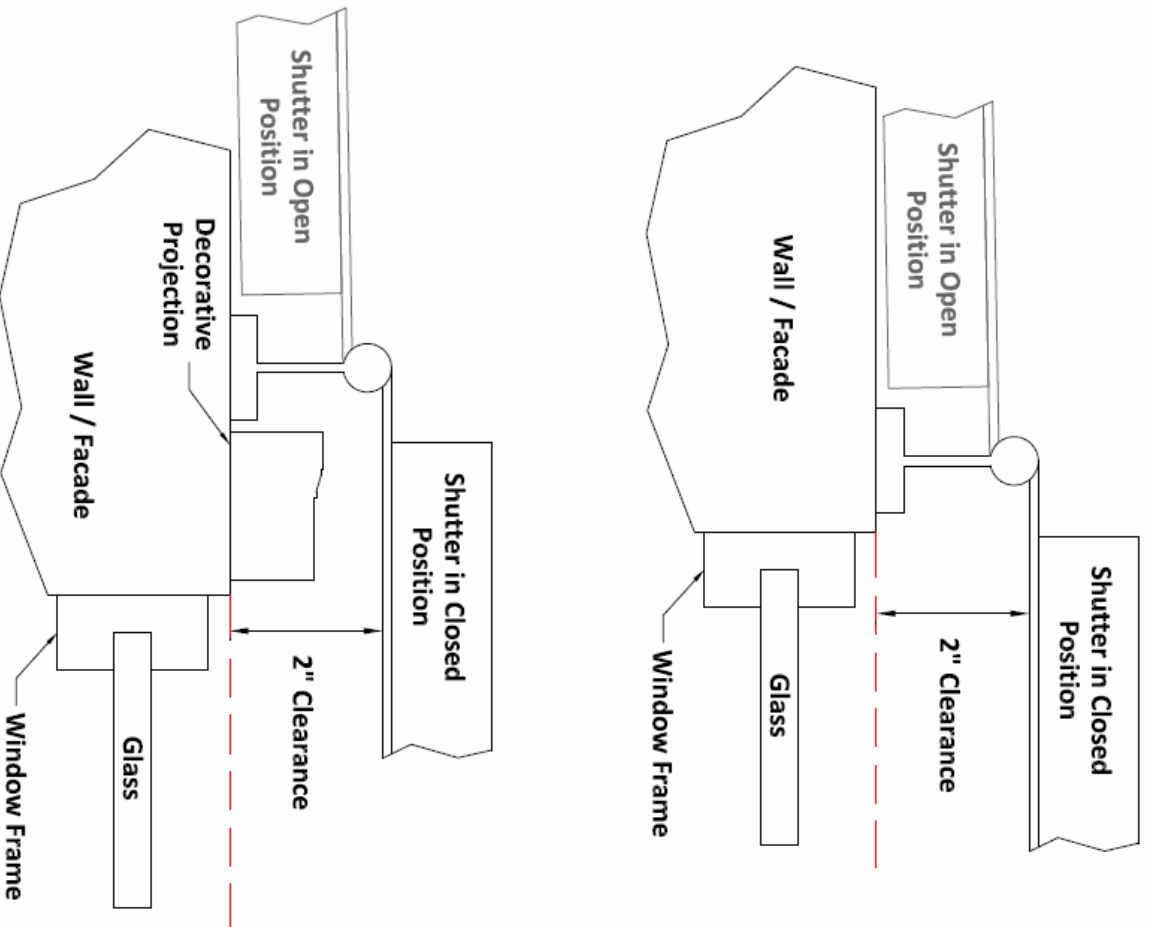
Decorative Mount Application





Surface Mount Installation

- Note that the red line indicates mounting surface.
- No projections inside mounting area

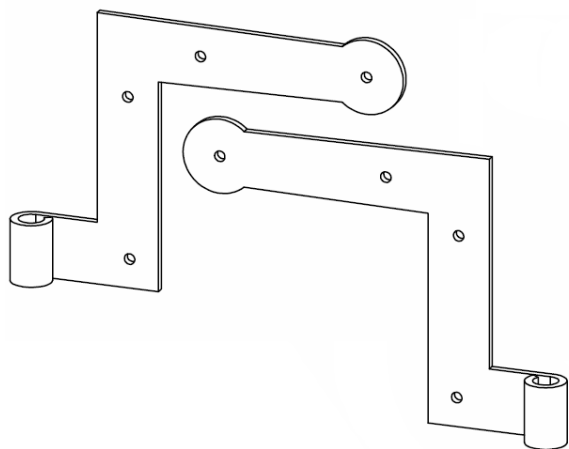


Decorative Mount Installation

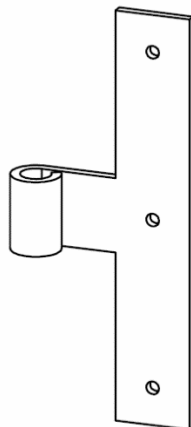
- Note 2" clearance from mounting surface
- Shutter make size needs to be wider to mount outside decorative projection

INTEX Composite Shutter Installation Instructions – Standard Hardware

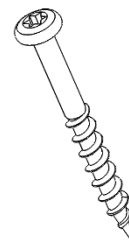
Items Included



4 New York Style "L" Hinges
2 Lefts / 2 Rights



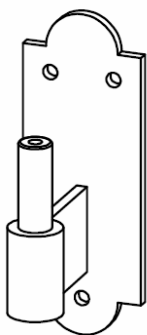
2 New York Style
Mid Hinges



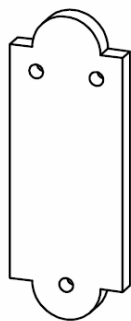
Hinge Attachment
Screws
1-1/2" Long



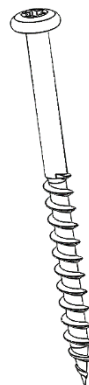
Hinge Attachment
Washers



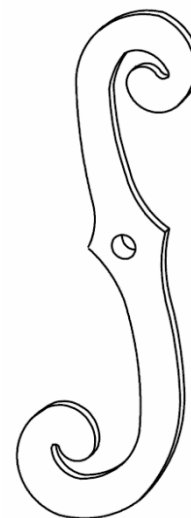
6 Pintels



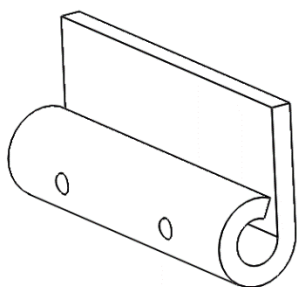
6 Pintel Shims



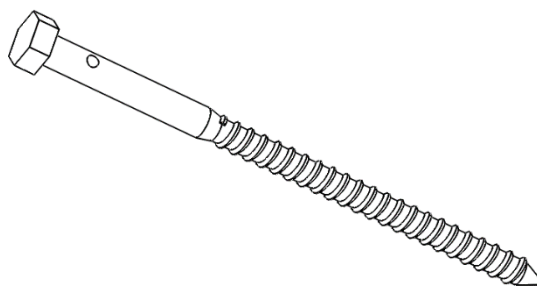
Pintel Attachment
Screws
2-1/4" Long



2 Shutter Dogs
1 Left / 1 Right



2 Shutter Dog
Supports



2 Shutter Dog
Lag Bolts

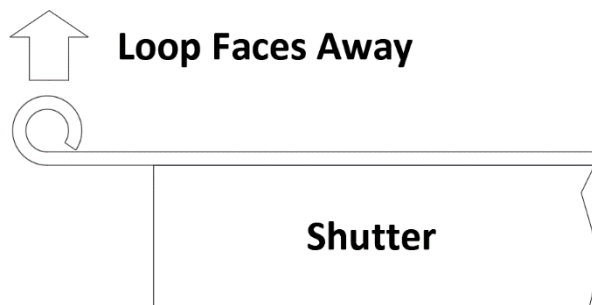
1 Shutter Dog
Hardware Bag
(not pictured)

1. Determine Mounting Method and Hardware Attachment.

a. Based on mounting method selected, determine which side of the shutter will have hinge straps attached. This will be dependent on which side of the shutter is preferred to face away from the structure when shutters are open or closed.

b. Note that hinge straps **MUST** be attached at the top, bottom, and at any and all mid rail locations for the shutter to be stably supported and covered by warranty.

c. Note that for whichever side of the shutter the strap hinges will be mounted to, the 'loop' should face **AWAY** from the shutter.

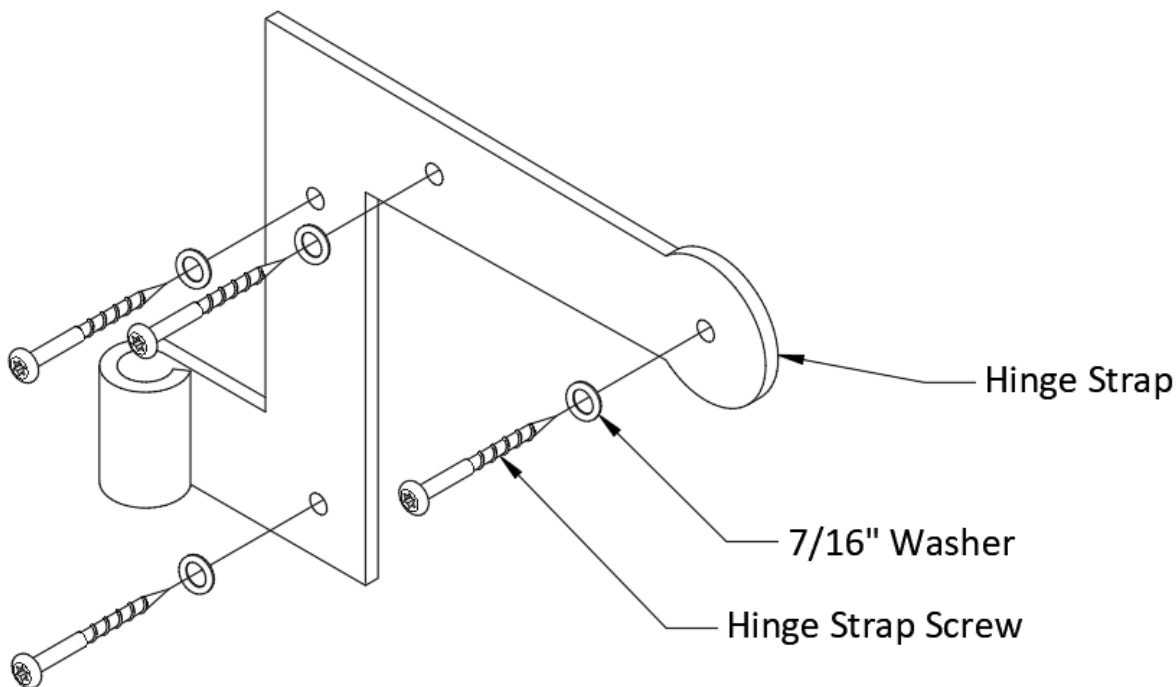


2. Attach Hinge Straps to Shutter Panels.

a. Locate templates included at the end of these instructions and remove to assist in locating positions for attaching hinge straps at the outer corners of the shutter panels. **Note: shutters have internal assembly screws, so it is important to use templates to avoid colliding with these screws.**

b. Use the templates to mark all screw positions on each applicable corner of each shutter panel for attaching the L Hinges. Ensure the correct sides of the shutters are marked.

c. Attach each L Hinge to each shutter using 1-1/2" hinge attachment screws and hinge attachment washers between the screw head and the L Hinge as shown.



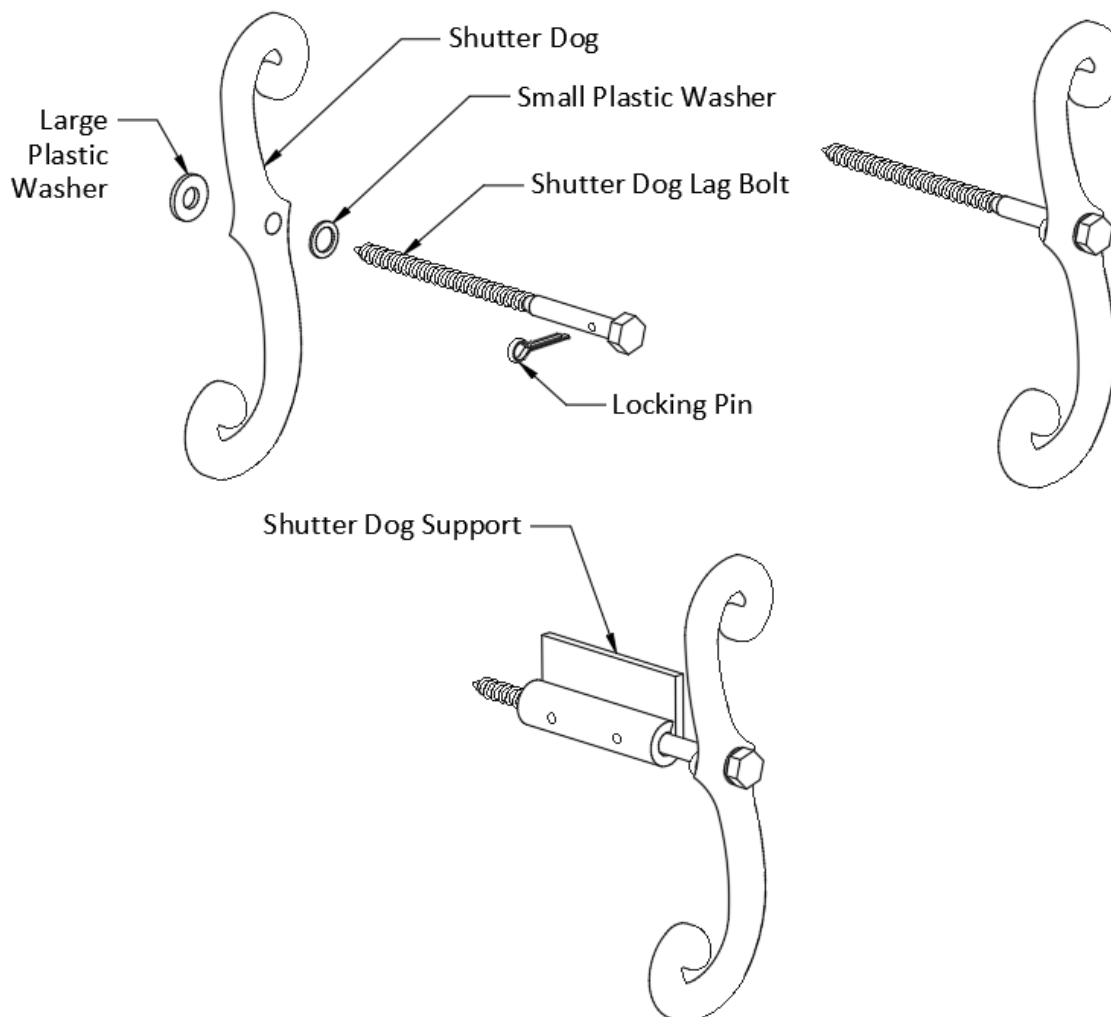
d. Position the mid hinges along the edge of the shutter, lining up the center hole with the center of the mid rail. Attach Mid Hinges in the same manner as the L Hinges, using the hinge attachment screws and hinge attachment washers.

3. Determine Pintel Mounting Locations and Install.

- a. Temporarily block or suspend the shutters with hinge straps attached in the opening in the closed position. Ensure they are plumb, centered, leave a small (1/8" to 1/4") gap between them, and are above the sill so they won't bind when operated.
- b. Using the pintels and pintel shims, work your way around all connection points, inserting the pintel with shim in position at each of the hinge strap locations and attaching to the mounting surface using the 2-1/4" pintel attachment screws. **Note: Pintel shims must be used during installation to ensure proper hold off distance.**
- c. Once complete, move the shutters to the open and closed positions to ensure there is total freedom of movement.

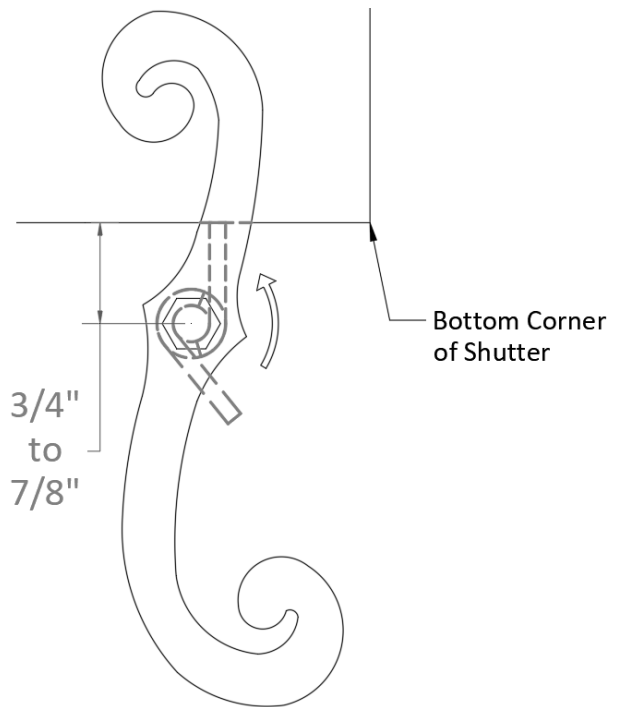
4. Prepare Shutter Dogs.

- a. Locate the Shutter Dog hardware bag and remove all components.
- b. Preassemble Shutter Dogs for installation as illustrated below. Ensure the Shutter Dog Support is flipped so that the support flange will be hidden behind the Shutter Dog once installed.
- c. Ensure the Shutter Dog can spin freely on the Shutter Dog Bolt.

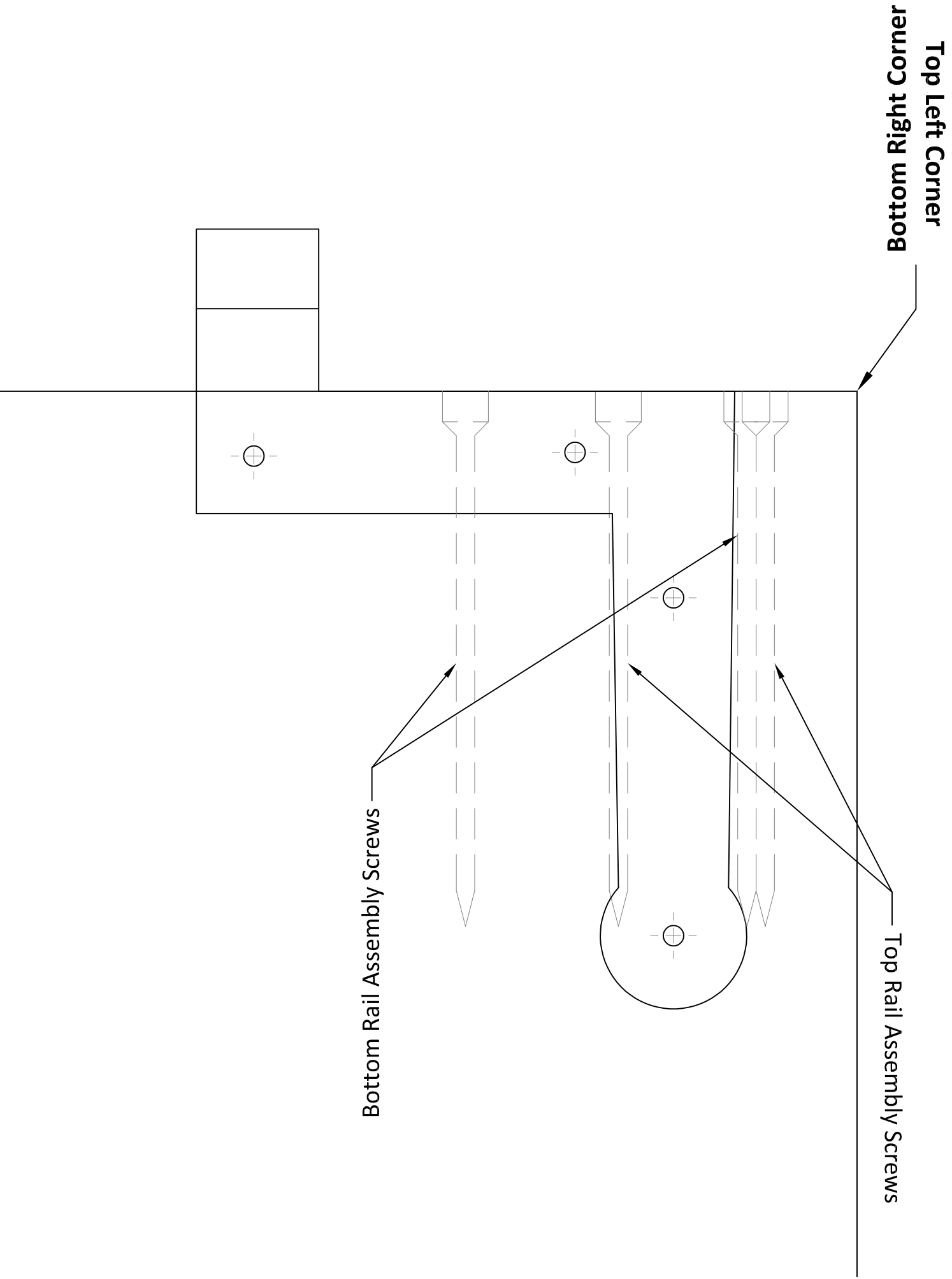


5. Install Shutter Dogs.

- a. Fully open both shutter panels.
- b. For each shutter, determine and mark the best mounting location for the Shutter Dog bolt. It should be about 1/4 the width of the shutter panel from the outside edge and 3/4" to 7/8" below the bottom edge.
- c. Pre-drill the Shutter Dog bolt location with a 1/4" diameter pilot hole.
- d. Install the Shutter Dog assembly to the wall, ensuring that the Shutter Dog support is nearly flush with the mounting surface, but is still able to freely rotate.
- e. With the shutter over the Shutter Dog support, rotate the support until the support flange contacts the bottom of the shutter. Use the supplied hex key to tighten the set screws in the Shutter Dog support to lock it in this position.
- f. Verify that the shutter is resting on the shutter support, and that the Shutter Dog can rotate freely to allow opening and closing of the shutter. **Note: It is critical to alleviate stress and avoid sag over time that the shutter fully rests on the Shutter Dog support.**



6. Install Any Additional Desired Hardware such as Latching Mechanisms.



Top Rail Assembly Screws

Top Right Corner
Bottom Left Corner

Bottom Rail Assembly Screws

