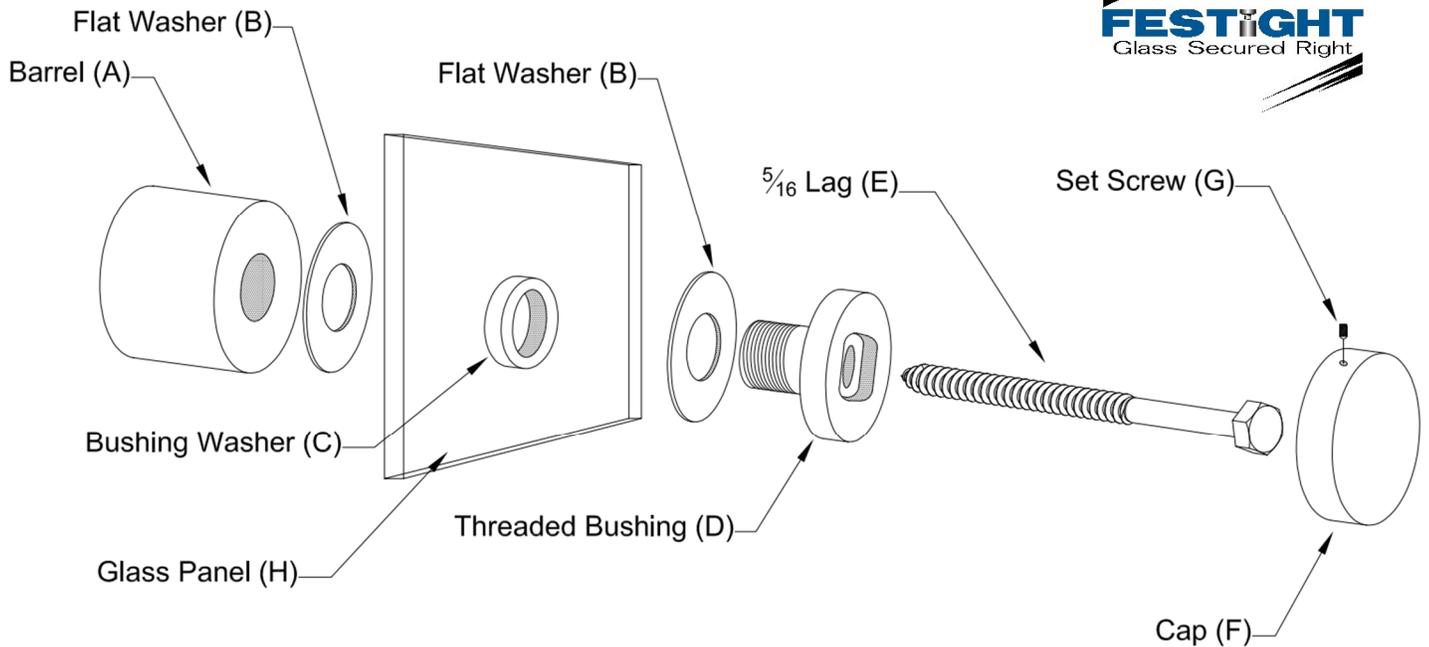


Festight Standoff Installation Instructions



- Standard Festight standoffs require 1" holes in the glass panels.
- The mounting surface/surfaces must be plumb and on a uniform plane. Mounting surface must be sufficient to receive and secure minimum 2" of the lag.
- The rubber washers prevent the metal standoff from touching glass. **The glass panel will be susceptible to breakage if any metal touches any portion of the glass.**
- In these instructions the outside face is referred to as the face of the glass that is away from the mounting surface. The inside face is the face toward you when you are standing on the stairs or balcony and the outside face is away from you as you are standing on the stairs or balcony.
- Glass panel layout and standoff locations within panels must be according to glass manufacturers' specifications.

STEP 1: Place Flat Washer (B) onto Threaded Bushing (D) followed by placing Bushing Washer (C) onto Threaded Bushing (D).

STEP 2: From outside face (face opposite of barrel side) of Glass Panel (H), insert Threaded Bushing (D) and Washers B and C into 1" hole in glass, Bushing Washer (C) should be inside hole in glass and bushing head should lay against outside face of glass (H).

STEP 3: Insert another Flat Washer (B) onto Threaded Bushing (D) and slide the Flat Washer (B) against inside face of glass (H).

STEP 4: Thread Barrel (A) onto Threaded Bushing (D) from inside of glass (H) and tighten securely. Hand tighten as tightly as possible or from 20 to 50 foot pounds of torque. The pocket in the end of the Threaded Bushing (D) will receive a 3/4" drive to tighten beyond hand tightening if you wish to use a torque wrench. Do not overtighten to point that washer severely distorts or any metal touches glass.

STEP 5: Repeat STEP 1 through STEP 4 until you have all the standoffs secured to the Glass Panel (H).

STEP 6: Lift the Glass Panel (H) with the assembled standoffs into the position you want the glass panel to be permanently mounted.

STEP 7: It works best to choose a standoff nearest the center of the Glass Panel (H) for the first standoff you secure. Use a drill bit (size of bit depends on the hardness of mounting material), place the drill bit inside the Threaded Bushing (D), and drill a pilot hole. The bushing (D) will protect the glass from the drill bit.

STEP 8: Run a 5/16" Lag (E) or lag screw minimum 4 1/2" long through the Threaded Bushing (D) and into the mounting material to secure the glass panel (H). The pocket in the end of the bushing (D) has room for a socket drive.

STEP 9: Now go to the second standoff you wish to secure and repeat STEP 7 and STEP 8. At this point you may want to check the Glass Panel (H) to be sure it is level and in exact desired position. You can slightly loosen the Lags (E) and make slight adjustments to the glass panel at this point before proceeding. Fully tighten the Lags (E) before proceeding to STEP 10.

STEP 10: Follow STEP 7 and STEP 8 to secure the remaining standoffs in the Glass Panel (H).

STEP 11: Place Caps (F) onto Threaded Bushing (D) and secure the Cap (F) with Set Screw (G). The recessed portion of the Cap (F) fits over the bushing (D) on the outside face of the glass.