Pilaster with J-Channel Back Plate

THE PILASTER CONTAINS: (2) transition tops (one left, one right), (2) pilasters, (2) pilaster bases, (2) bottom corners (one left, one right), (2) bottom corner bases, (2) 24pk. screws, (3) 12 pk. Shutter-Loks®, and (4) transition clips.

Optional components for installation not included with the pilaster are (1) header back plate, 6" or 9", (2) 6"x90" pack plates for pilasters, (1) 6" or 9" header, (1) 6" keystone, (1) 6" or 9" keystone.

REQUIRED FOR INSTALLATION:
Electric drill, 1/4" drill bit, saw, measuring tape and square.

Note:
The illustrations contained in these instructions use a 9" header and base for examples. A 6" header and base can be used just as easily. Siding has been removed from illustrations for visual clarity.

If not using J-channel back plate, follow installation instructions disregarding back plate references.

STEP 1

Measure door height, including any brick mold or trim around door. Record this as: Dim. A. See Figure 1.

STEP 2

Cut bottom radius of J-channel back plate off. Using Dim. A, subtract 1/4" from measurement and cut back plate to length. Repeat for other side. See Figure 1A.

STEP 3

(If not using back plate, proceed to Step 4.) Screw pilaster mounts to sheathing 1/8" away from sides of door, and 1/4" away from the bottom of door. This should leave top of mount flush with top of brick mold. Be sure not to over fasten, allowing for expansion and contraction.

Figure 1

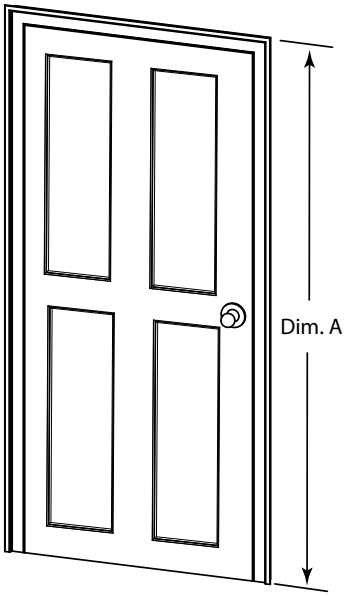


Figure 1A

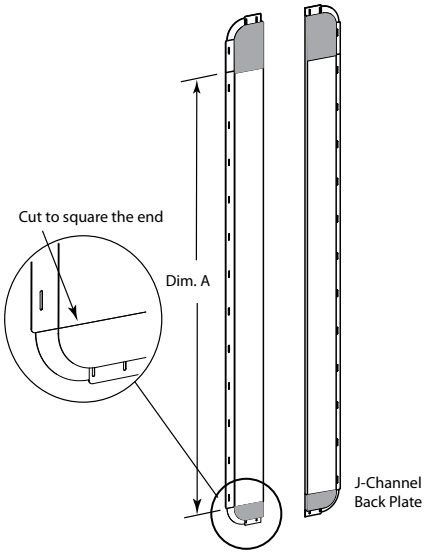
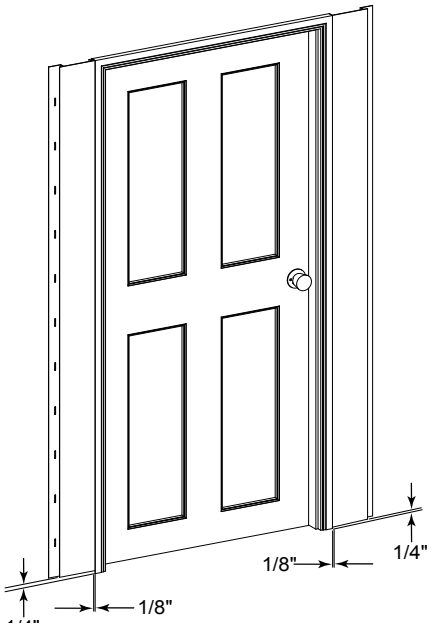


Figure 2



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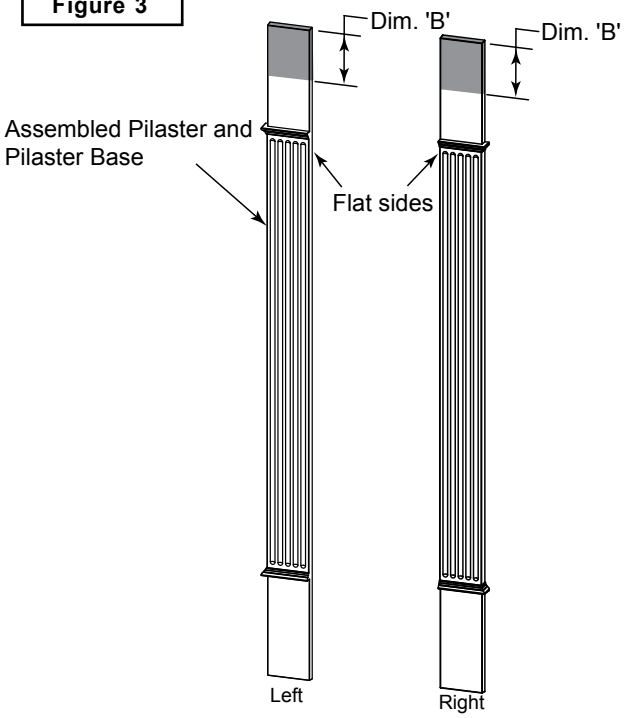
STEP 4

Cut the pilaster assemblies to the correct length. Use the following formula: 96" (length of pilaster), minus Dim. A, minus 1/2", equals Dim. B.

Measure and cut Dim. B from top of both pilasters. See Figure 3. Before cutting, ensure pilasters are oriented in correct position, with the flat side of the pilaster against door. If Dim. B is greater than 12", cut the remaining material off the bottom of pilaster.

Figure 3



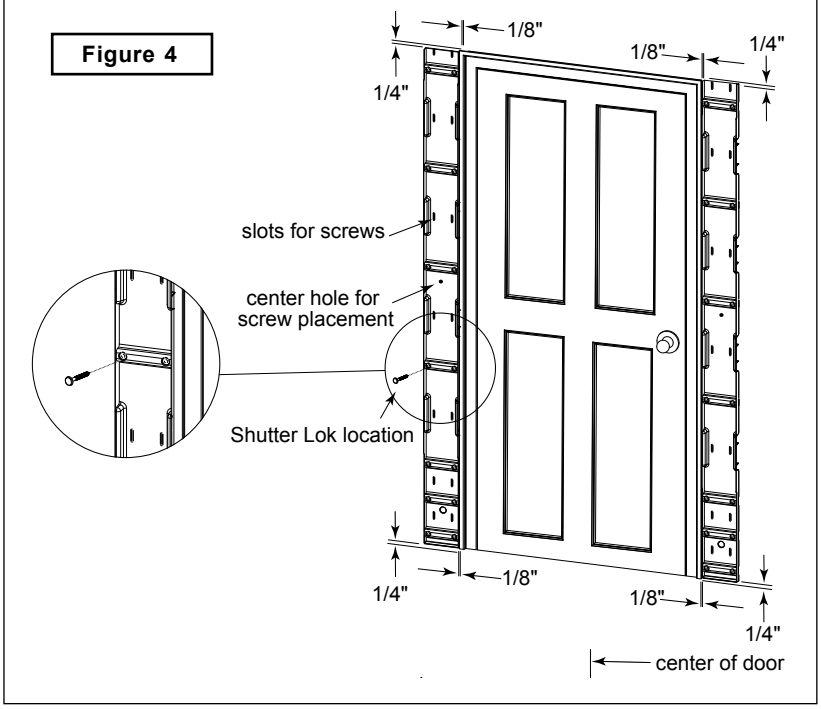
STEP 5

Separate the pilasters from the pilaster base. Position the pilaster base on top of J-channel back plate or directly onto the cladding as show in Figure 4. Place screw in the center hole of pilaster base. Do not substitute Shutter-Lok for screw.

STEP 6

Place remaining screws in slots, or drill 1/4" holes into the wall to a depth of 3" to accept Shutter-Loks. Use Shutter-Loks only in the round holes molded in raised areas of pilaster base. For locations, see Figure 4. Complete this step for both sides of door. Screws should be centered in slot. To allow for expansion and contraction, fasteners should not be over tightened.

Figure 4



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STEP 7

Snap pilasters over pilaster bases, making sure the pilaster locks are fully engaged.

STEP 8

Mark center of door with vertical line. See Figure 5.

STEP 9

Note there are different methods for placing header on door. See Method A/B. If header included in purchased kit was pre-cut to length, skip to Step 17.

STEP 10

Measure distance between outside edges of pilasters and record this as Dim. D. See Figure 5A.

STEP 10A

If you seek an installed appearance like Method A, add 1-1/4" to Dim. D. This allows header to be flush with the transition top when it's installed.

STEP 10B

If you seek an installed appearance like Method B, add the amount of overhang you prefer. Double the amount of overhang when adding, because you want the overhang to extend on both sides of door.

STEP 11

With header and header base assembled, mark center of assembly. Do this by measuring bottom of the header to the mounting surface of the base. See Figure 6.

STEP 12

Subtract the dimension from Method A or Method B. Dim. D, from Dim. F and divide the result in half. The result will be Dim. G. See Figure 7.

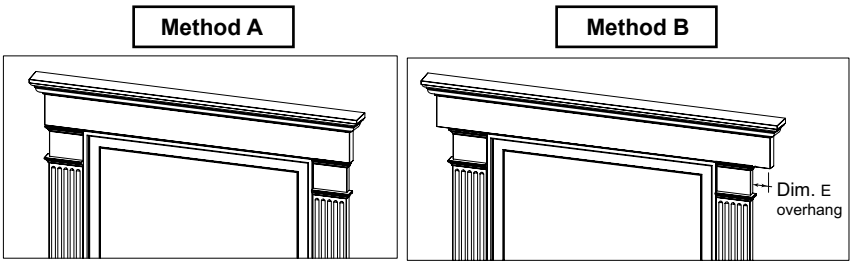


Figure 5

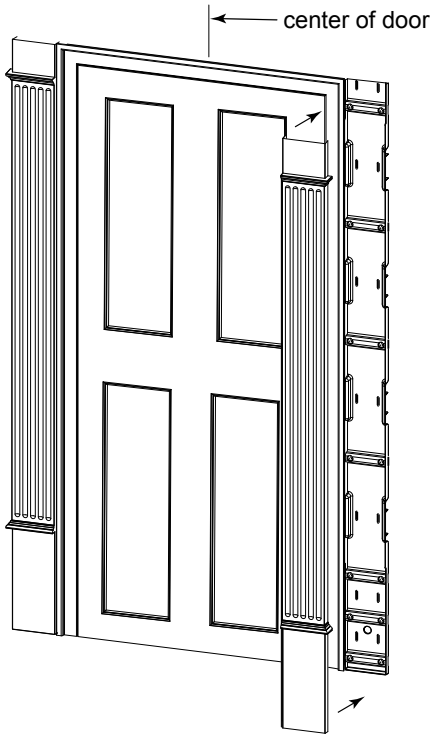


Figure 5A

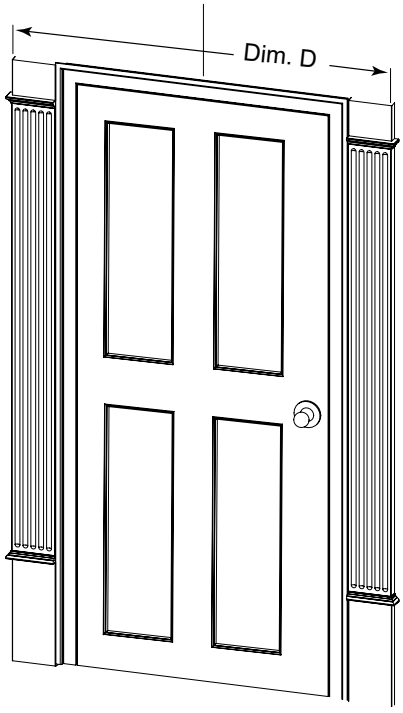


Figure 6

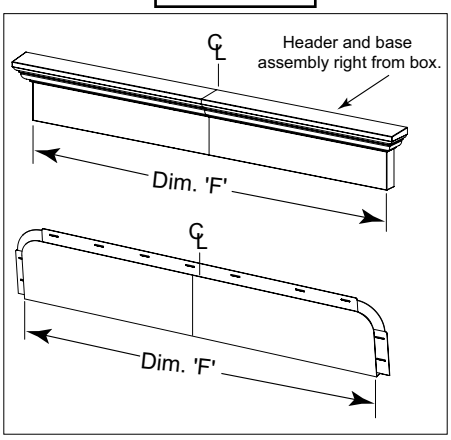
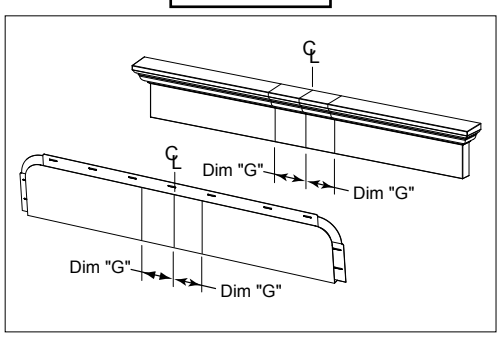


Figure 7



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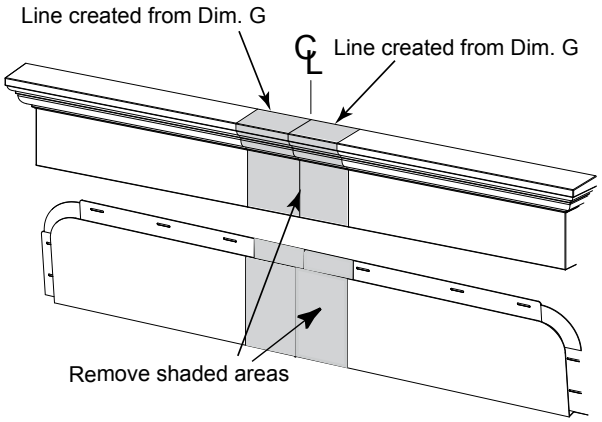
STEP 13

Transfer Dim. G to header assembly and to J-channel back plate. Dim. G will be transferred twice, once on each side of the centerline. See Figure 8.

Figure 8



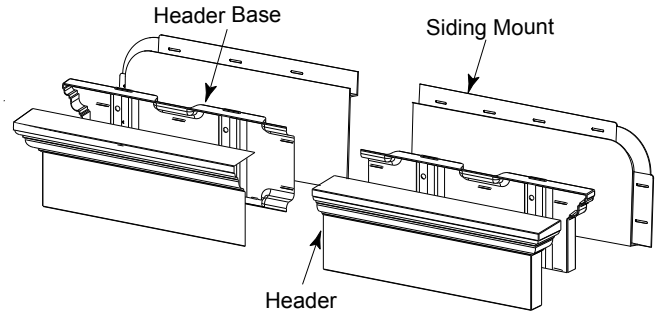
STEP 14

Cut header/base assembly and back plate assembly at lines created by Dim. G.

STEP 15

Once you have cut components to correct length, disengage locking tabs and remove header from the header base. To release locks, start at open end of cut header assembly and pull the wall of header away from header base. Continue this step until you reach the end of the cut header assembly. See Figure 9. If not using J-Channel back plate, proceed to Step 18.

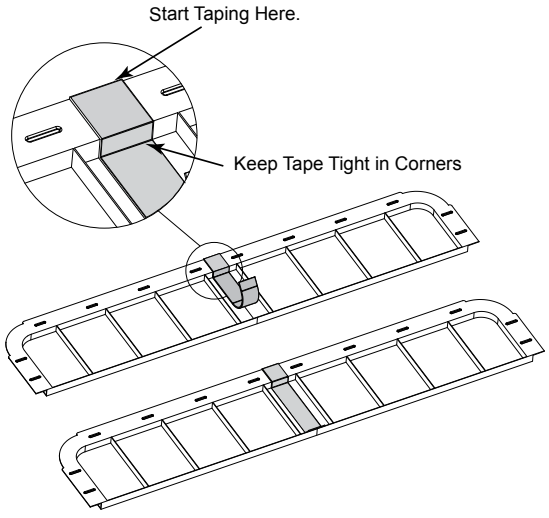
Figure 9



STEP 16

Flip J-channel back plate over, exposing back side of mount. Apply the 12" length of foil-backed butyl tape supplied with header base. Start at top of mount, working all the way to bottom. Make sure tape fits tightly in inside corners of the part, ensuring a watertight installation of siding mount. Note that if the ribs of siding mount are too close to allow application of the full width of tape, use a utility knife to trim from the corresponding ribs. See Figure 10.

Figure 10



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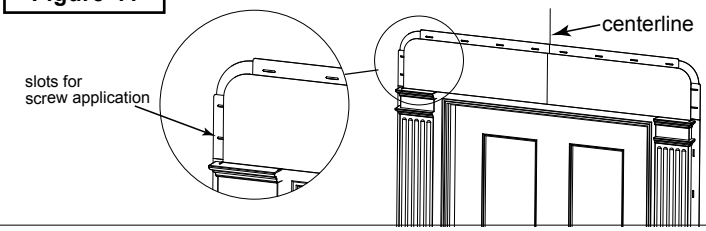
STEP 17

Align centerline of back plate with centerline of door. Leave a gap of approximately 1/8" between bottom of back plate and top of door, providing the header with clearance when snapped into place. When mount is in proper location, attach to the sheathing with screws provided. See Figure 11.

Figure 11



STEP 18

Align centerline of header base with centerline of door. Align bottom of header base with bottom edge of J-channel siding or cladding, leaving 1/8" between the header base and the top of the door trim. A preferred method of attaching base to house is with Shutter-Loks supplied in the kit. To install Shutter-Loks, drill 1/4" holes in the wall to a depth of 3". Use Shutter-Loks only in the round holes molded into the raised areas of header base. Space the Shutter-Loks accordingly along the header base. See Figure 12. Another method involves use of screws. Use elongated slots in base, using the screws supplied in kit to attach base to house. To allow for expansion and contraction, avoid over tightening screws.

Figure 12

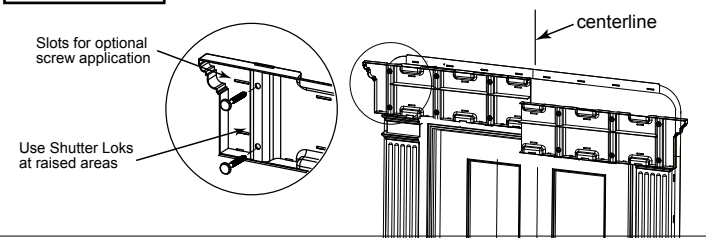
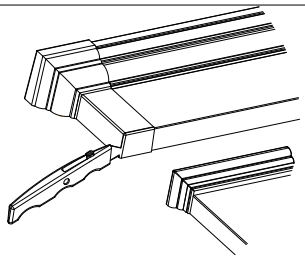


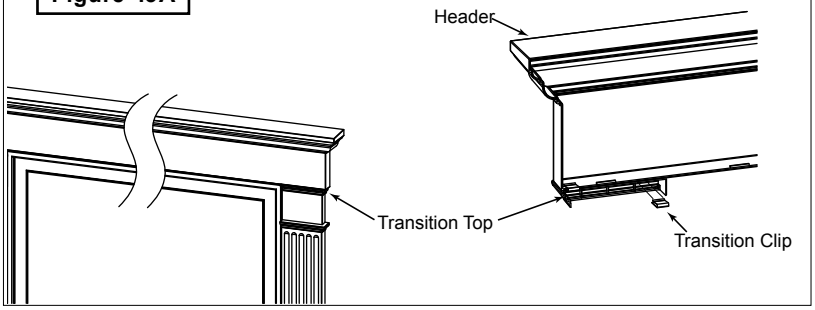
Figure 13



STEP 19

Place transition top pieces on header in approximate location of pilasters. If header has optional welded-on endcaps, trim the bottoms of endcaps with a utility knife to ensure the transition top pieces are flush. See Figure 13 and Figure 13A. Clip them to header using clips provided, using two clips per transition top.

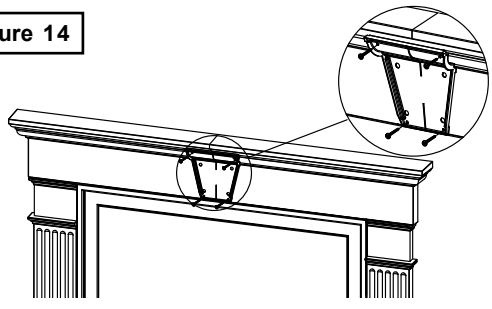
Figure 13A



STEP 20

Snap header over header base. Transition top pieces may have to be repositioned to line up with pilasters.

Figure 14



STEP 21

Center keystone base over header. Bottom of keystone base and bottom of header should be flush. Use the supplied screws to screw keystone base into place. See Figure 14.

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STEP 22

Snap keystone over keystone base, making sure lock tabs engage.

STEP 23

Note directions on back of bottom corner base that show correct orientation for the left and right side of door. Line up bottom of bottom corner base with bottom of pilaster. Use the elongated screw slots to determine proper screw placement, secure corner base to pilaster. See Figure 15.

STEP 24

Once bottom corner base is secured in place, snap the bottom corner over the bottom corner base. Repeat step on other side of door. See Figure 16.

Finished

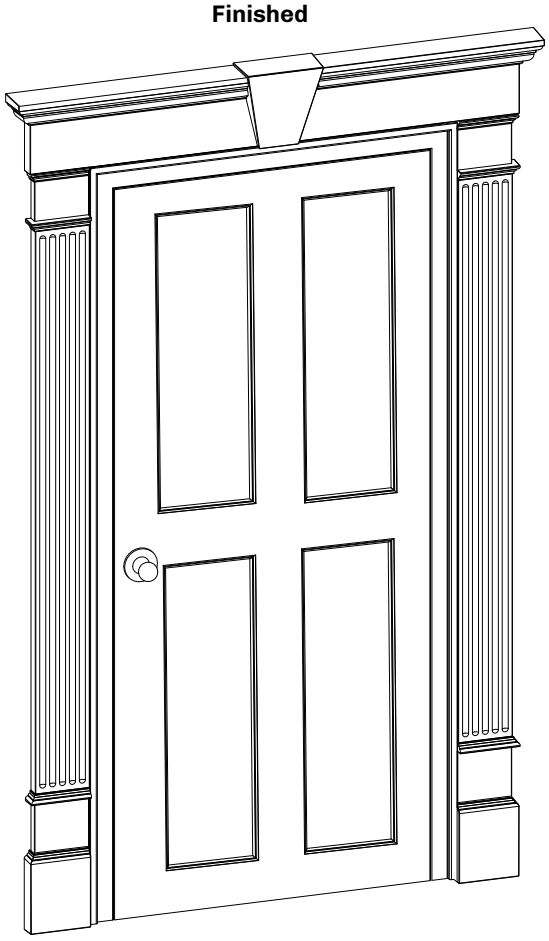

Figure 15

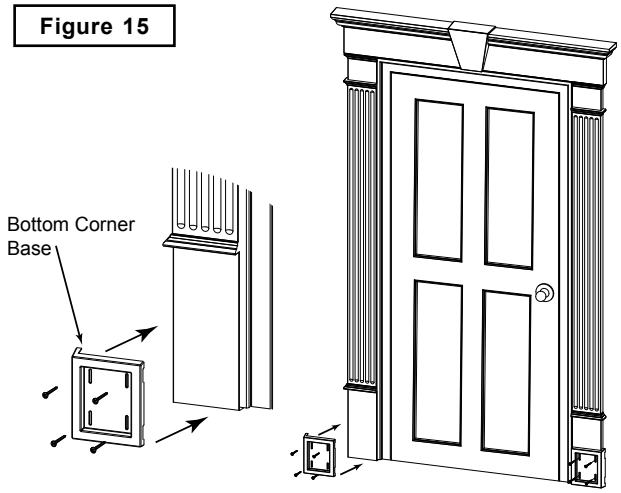

Figure 16