

# INSTALLATION INSTRUCTIONS

## JAMB WITH METAL BRACKETS (OPTIONAL)

### REQUIREMENTS

- | Nominal width of the opening  $\pm 2 \frac{1}{4}$ " for a  $\frac{3}{4}$ " thick jamb
- | Nominal height of the opening  $\pm 1 \frac{1}{4}$ "
- | For all other frame thicknesses, confirm the nominal opening size with your supplier
- | A tolerance of  $\pm 1/2$ " is expected between the door and the floor. Bevel one or both sides, saw the excess according to the floor condition, and follow the installation procedure.

### MATERIALS INCLUDED

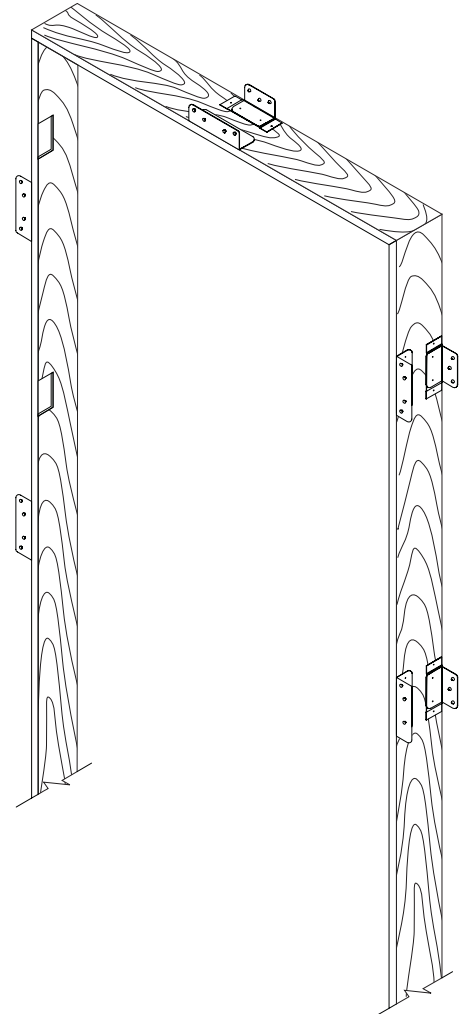
- | One piece plate ( $5" \times 1 \frac{1}{2}" \times 1 \frac{1}{2}"$ ) (10)
- | Header (1)
- | Jamb leg (1) or (2) for a paired jamb
- | Lock-side jamb (1), none for a paired jamb
- | Adjustable female metal plate ( $4 \frac{5}{8}" \times 1 \frac{1}{2}"$ ) for male metal plate ( $3" \times 1 \frac{1}{2}" \times 1 \frac{1}{2}"$ ) on back of jamb (1) for jambs  $\leq 4'0"$  wide or (3) for jambs  $> 4'0"$  wide
- | Hardware to fasten the head to the jamb legs
- | Peel-and-stick door bumpers (2)

### OPTIONS

- | Door-side metal brackets (6) for jambs  $\leq 7'6"$  high or (8) a jamb  $> 7'6"$  high
- | Metal bracket for door-side header (1) for jambs  $\leq 4'0"$  wide or (3) for jambs  $> 4'0"$  wide
- | Adjustable female metal plate for male metal plate on back of jamb (6) for jambs  $\leq 7'6"$  high or (8) jambs  $> 7'6"$  high
- | Thirty-five #6 x  $5/8"$  wood screws. Additional screws will be provided for extra brackets on doors  $\geq 7'6"$  high and  $4'0"$  wide

### NOTES

- | Metal brackets are strongly recommended for 1100- and 1300-type jambs.
- | Peel-and-stick door bumpers go on the strike side for single rabbet jambs and in the upper corners for double rabbet jambs.



## DETERMINE WHICH WAY THE DOOR WILL OPEN

Align the door head on the ground with the opposing jamb legs in front of the door opening. (Drawing #1)

## ASSEMBLE THE JAMB

Fasten the header to the jamb legs according to the Baillargeon system (Drawing #2A) and/or with #8 x 2" wood screws (Drawing #2B). Make sure the header is aligned with the jamb legs and holes have been pre-drilled\* to the required diameter.

## FASTEN THE BRACKETS TO THE SIDES

Fasten the brackets to each hinge location, the pre-drilled lock, and the header using #6 x 5/8" wood screws (included). (Drawing #3)

## FASTEN THE FEMALE METAL PLATES

Fasten the metal plates using #6 x 5/8" wood screws (included). (Drawing #4)

## FASTEN THE JAMB IN THE ROUGH OPENING

Raise the assembled jamb into the opening and fasten it to the wall. (Drawing #5)

## SQUARE THE JAMB

Place a level on the header and position shims 2" (5.08 cm) from the top and bottom of each hinge to fill the opening between the jamb and the wall. Repeat the operation on the lock side and fasten the metal plates to the wall. (Drawing #6)

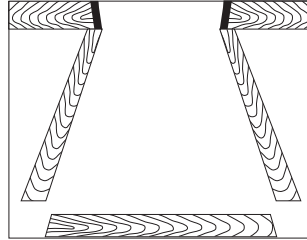
## INSERT THE ANGLE IRONS

Slide the angle irons into the female part of the plate and fasten them to the wall. Keep the jamb level. (Drawing #7)

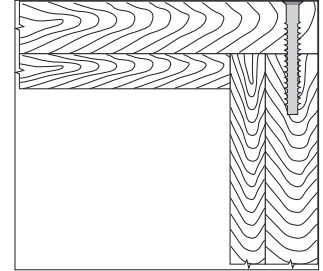
## PRE-DRILL HOLES AT THE HINGE LOCATIONS

Using the hinges (not included), drill holes through the jamb and angle irons. A no. 12 bit is recommended to ensure the exact diameter and alignment.

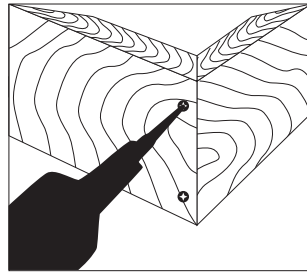
#1



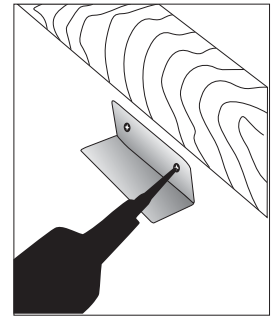
#2A



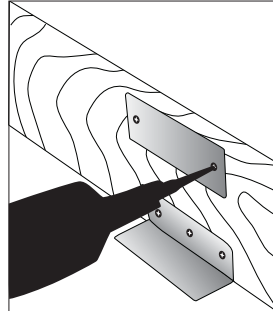
#2B



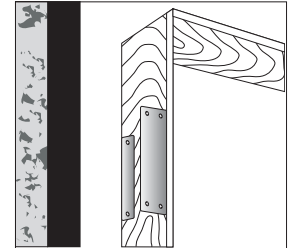
#3



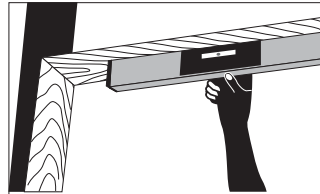
#4



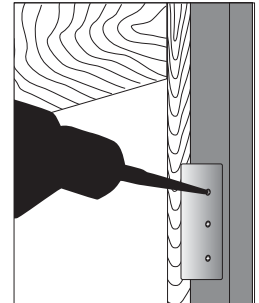
#5



#6



#7



\* See the wood screw chart for pre-drilling.

# INSTALLATION INSTRUCTIONS

## INSTALL THE DOOR IN THE JAMB

Put the hinges on the door and/or jamb and hang the door in the opening. Make sure the door closes and latches properly and clearances are uniform in accordance with the tolerances. The metal plates can be repositioned if necessary to ensure uniform clearances.

## INSTALL THE HARDWARE AND MOLDING (WOOD CASING)

Fasten the molding to the jamb and wall. Install the remaining hardware if required.

## FINISHING

- Factory finishing is always available.
- Before finishing, make sure the relative humidity of the room is within the required limits and stable.
- Before proceeding, remove all traces of handling, raised grain, and flecks by block-sanding all surfaces with a fine abrasive, 150 grit.
- Sand the whole door surface uniformly with 220 paper (Garnet type), always with the grain.

## STAINING

- Use a stain that is not subject to migration and make sure to allow for the drying time recommended by the manufacturer. The stain must be completely dry before applying the sealer.
- Do not use dark stain or paint, in order to prevent blotching of jambs exposed to the sun.
- Do not use very dark stain on a light wood species, so as not to accentuate flecks.

## SEALER

- Use a sealer recommended by the manufacturer of the finishing product.
- Fillers and water-based primers should not be used. Water-based finishes should be used only on a surface coated with a filler or a non-waterbased primer.
- A first thin coat of filler or diluted primer followed by light hand-sanding reduces handling traces and contributes to the uniformity of the stain coats.
- All visible surfaces should be coated with a sealer.

## SANDING OF SEALER

- Use 320 grit paper.

## FINISHING

- It is important to ensure that the sealer is completely dry before applying the finish. If color penetration is not uniform on the surface (mainly for barber pole effect), a toner may be applied on paler surfaces using a mixture of stain added to the topcoat. It is important to ensure that the two products mixed are compatible.

## TOPCOAT

- Apply 2 or 3 coats of finish, as per manufacturer's recommendations.
- Sand with 320 paper between coats (block-sanding). For spray-applied finishes, same recommendations apply.

## GENERAL INFORMATION

- In view of the various types of applications and working methods that maybe used, all the above information assumes optimum conditions and is meant to serve only as a general guide. Recommendations are based on a 1/50" or less veneer thickness.

## CAUTION

- Certain wood species, especially oak, contain substances that react with certain finishes, causing dark spots. To the extent possible, the effect of the finishing product should be verified before applying it. In the event of an adverse reaction, consult the supplier of the finishing product or the jamb and wait to find out the solution of the problem before continuing.
- For this reason, Baillargeon Doors Inc. does not accept responsibility for the final result of your finishing job. We strongly recommend that you specify factory finishing to ensure you have a top-quality product that meets environmental standards and is covered by our warranty.
- We wish you a successful installation and thank you for using our products!

