



For the complete list of Aluminum Sliding Door Hardware, the most up-to-date product information and installation instructions, scan the QR code or visit [ngp.com](http://ngp.com).



# SLAL-250-PDKIT

SLAL-250-PDKIT-6, SLAL-250-PDKIT-EXT, SLAL-250-PDKIT-6-EXT, SLAL-250-PDKIT-6M, SLAL-250-PDKIT-6M-EXT, SLAL-250-PDKIT-48"DR, SLAL-250-PDKIT-6-48", SLAL-250-PDKIT-EXT-48, SLAL-250-PDK-6-EXT48, SLAL-250-PDKIT-6M-48", SLAL-250-PK-6M-EXT48

## Pocket Door Frame Hardware

### INSTALLATION INSTRUCTION

#### IMPORTANT NOTICE REGARDING INSTALLATION OF THIS PRODUCT

Failure to (i) follow these installation instructions, including those embedded in the QR code referenced in these instructions, (ii) use the hardware provided by NGP, (iii) use alternative hardware expressly recommended in writing by NGP, and/or (iv) implement any specifications required

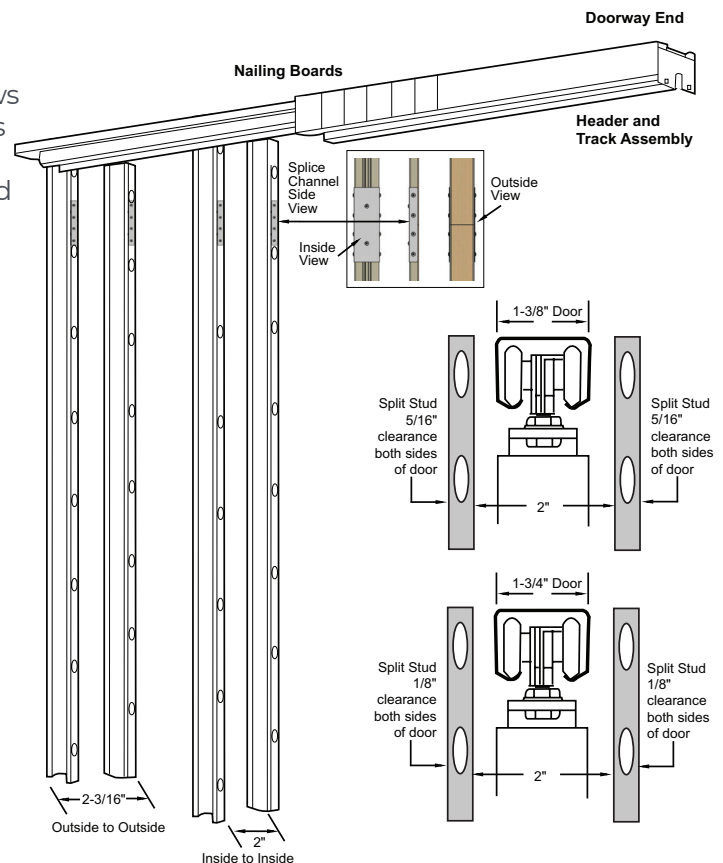
by these instructions, will void all warranties made by NGP, whether expressed or implied, and will constitute a waiver of any and all claims and damages whatsoever against NGP, whether based in contract, infringement, negligence, strict liability, tort, or otherwise.

#### Kit Includes:

- (1) Header Track Assembly
- (4) Split Studs (included in kits for doors up to 36")
- (6) Split Studs (included in kits for doors up to 48")
- (2) Floor Brackets (included in kits for doors up to 36")
- (4) Floor Brackets (included in kits for doors up to 48")
- (2) Door Plates
- (2) Ball Bearing Hangers
- (2) End Brackets
- (1) Bumper Stop
- (1) Wrench
- (2) Nylon Door Guides
- (1) Adjustable Door Guides
- (1) In-Track Stop
- (1) SLAL-134-KIT Adapter Kit

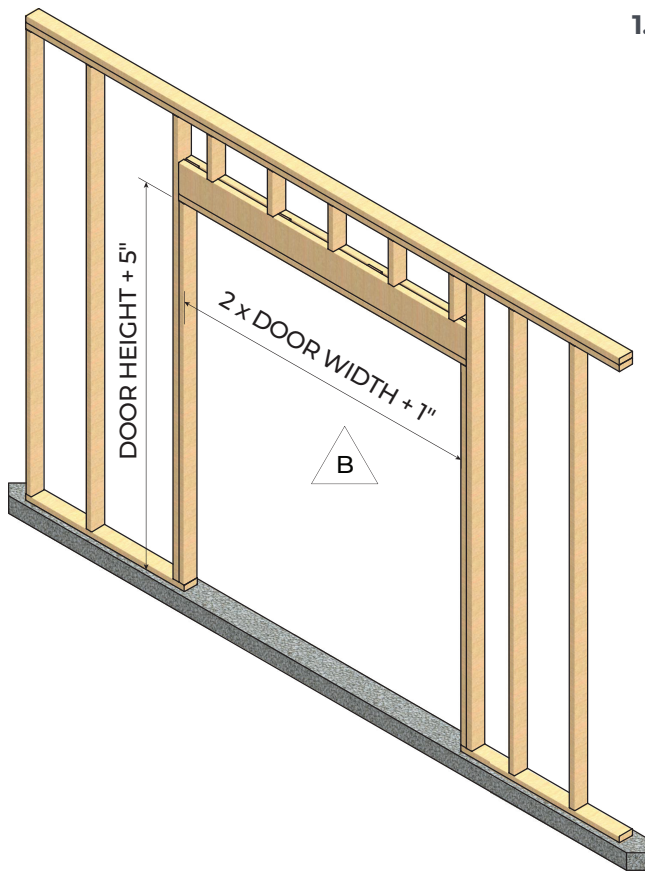
#### Fasteners:

- (12) #10 x 1½" Screws
- (54) #8 x 5/8" Screws
- (18) 2" Nails
- (4) #12 x 1⅜" Wood Screws



#### Optional Items

- Bottom Channel Guide (SL-BCG)
- Soft Close (SC, SCBY)
- Floor Guide (SL-WG)



## 1. Preparing Rough Opening:

Determine the minimum height required from subfloor to Rough Header by calculating the door height plus 5". Calculate rough opening width by multiplying door width by two and adding 1". For bi-part pocket openings, rough opening width equals four times door widths plus 2". Optional **SLAL-CNVG-KIT** converging kit is needed to join headers in a bi-part pocket opening (sold separately)

### Example:

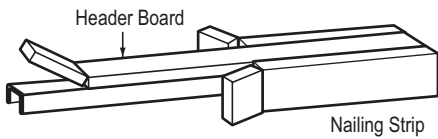
Door Height:  $80" + 5" = 85"$

Door Width:  $30" \times 2 + 1" = 61"$

### Bi-Part Openings:

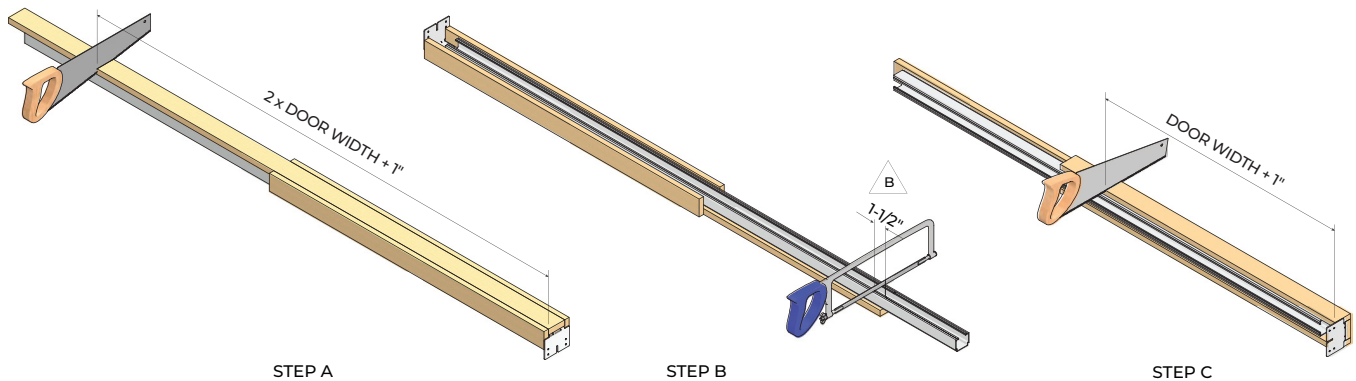
Door Height:  $80" + 5" = 85"$

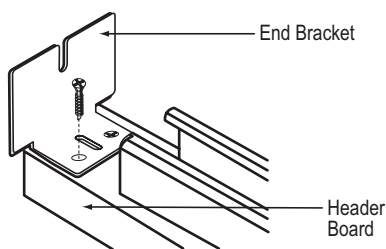
Door Width: Two 30" wide doors.  $4 \times 30" = 120"$  plus 2" = 122"



## 2. Cutting Header

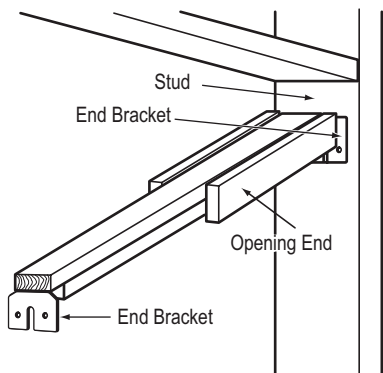
- Cut Header Board by measuring two times door width plus 1". Mark and cut header wood only. Header wood must be cut from pocket end of header as shown.
- Turn header over and cut metal track  $1\frac{1}{2}"$  shorter than Header Board.
- Cut nailing strips to door width plus 1" as shown. Do not cut the track on this side of the Header Assembly.





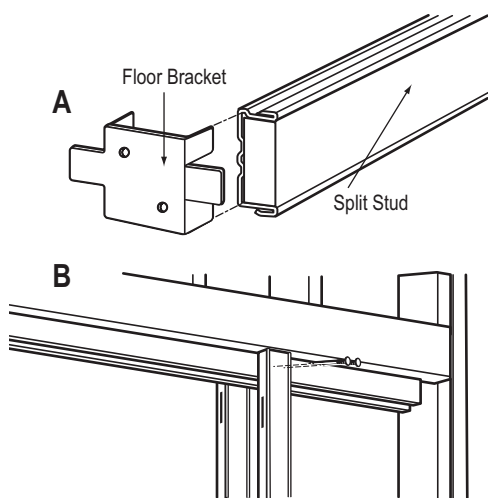
### 3. Installing End Bracket

Use two (2) #8 x 5/8" screws and attach End Bracket to the opposite end of Header Track Assembly.



### 4. Installing Header Track Assembly

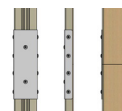
- Measuring from sub floor up, set one nail door height plus  $1\frac{3}{8}$ " leaving  $\frac{1}{8}$ " of nail protruding on each stud forming the rough opening. This will allow a  $\frac{3}{4}$ " clearance under the door to the sub floor. If additional clearance is required, add additional clearance to the  $1\frac{3}{8}$ " dimension.
- Slide End Brackets onto protruding nails.
- Ensure track is plumb and level.
- Set nails and drive in additional # 8 x  $\frac{5}{8}$ " screws through remaining holes in End Brackets.



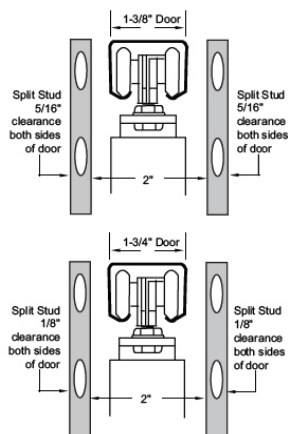
### 5. Installing Split Studs and Floor Brackets

**NOTES:**

- The total length of the studs are door height plus 4". Standard Stud length is designed for use with 7'0" doors.
- For 6'8" doors cut 4" off the bottom of Studs. Make sure the floor Bracket Prong can slide into Split Stud.
- Models SLAL-250-PDKIT-EXT, SLAL-250-PDKIT-6-EXT, SLAL-250-PDKIT-6M-EXT: For doors over 7'0" up to 9'0" cut Stud Extensions to desired length, couple to Studs using Stud Splice Brackets. Using #8 x  $\frac{5}{8}$ " screws.

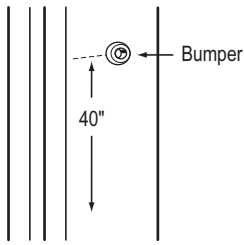


- Insert Prong Tabs from Floor Bracket into Split Stud on flush end with wood exposed as shown.
- Stand Split Stud up so the wood facing is exposed on drywall side and so Stud is flush against Header Track Assembly and butts against Nailing Strip. Nail into place using 2" nails.
- Place remaining Split Stud on prongs and nail to opposite side of Header Track Assembly.
- Secure bracket to floor.
- Repeat steps for second set of Split Studs. Position second set midway in pocket opening.



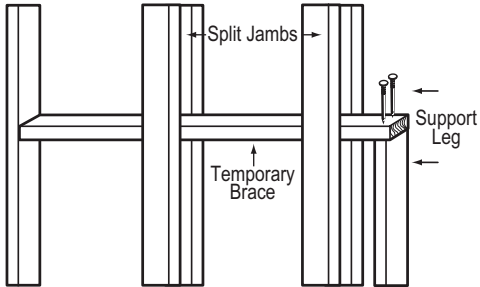
### IMPORTANT :

Check between split studs for clearance. If using  $1\frac{3}{8}$ " door, 2" clearance is ample. If using  $1\frac{3}{4}$ " door, additional clearance will be required. Install **SLAL-134-KIT** (included).



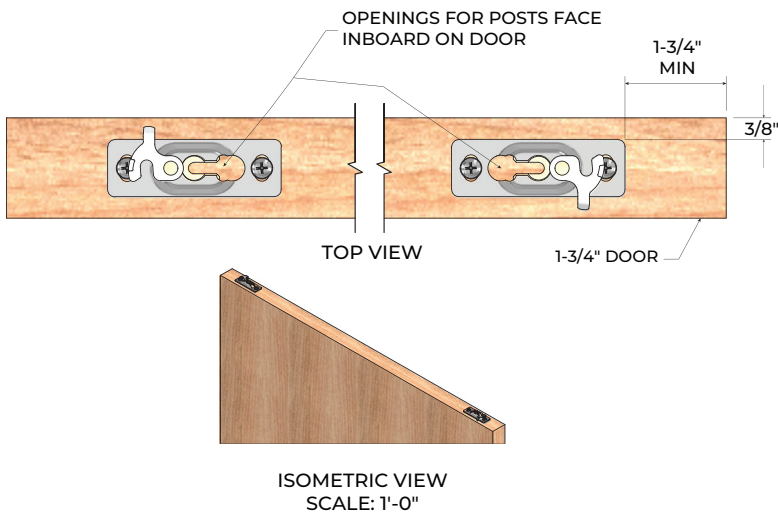
## 6. Installing Bumper

Using one (1) #8 x  $\frac{5}{8}$ " screw, secure Bumper to rough jamb at the back of pocket approximately 40" from floor.



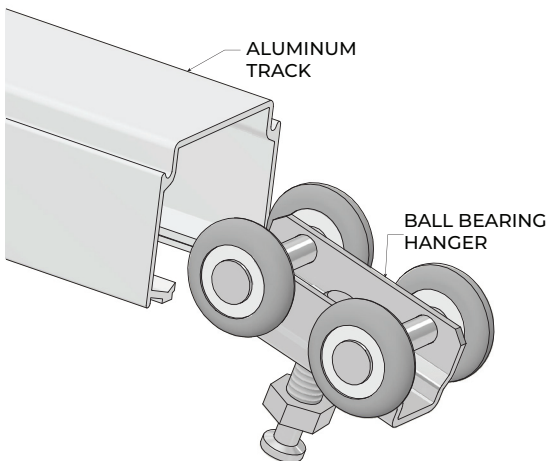
## 7. Installing Temporary Brace (Optional Step)

Insert 1" x 2  $\frac{1}{8}$ " board through Split Jambs, with the board resting on Bumper; nail a support leg to board as shown. This brace is for added support while installing drywall, paneling, or other wall covering material. Remove brace prior to installing door.



## 8. Installing Door Plates on Door Panel

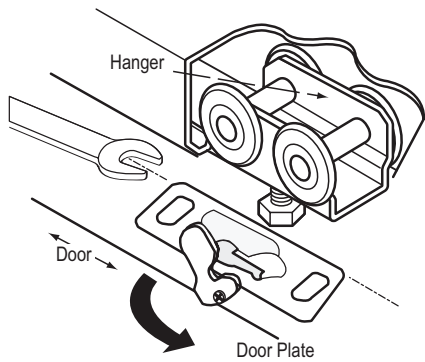
Position both Door Plates on top side of door panel at least 1  $\frac{3}{4}$ " in from left and right edges of door panel as shown. Center Door Plates in door thickness. Ensure opening ports face inward as shown. Mark for fasteners and pre-drill using a  $\frac{9}{64}$ " bit. Drill holes 1" deep. Secure Door Plates to top of door panel using four (4) #12 x 1  $\frac{3}{8}$ " screws, two (2) for each Door Plate.



## 9. Installing Hangers INTO TRACK

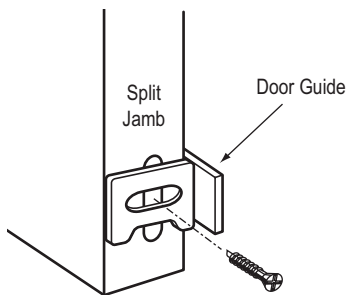
From the open end of track, slide both Hangers into track as shown.

Installing Hangers with Soft Close into track, refer to Soft Close Instructions that are supplied with the Soft Close.



## 10. Installing Door

- Insert door onto Hanger by lifting the door and sliding Door Plate onto post as shown.
- Using the wrench provided turn the post to adjust the door vertically so it has sufficient floor clearance and is level. Do not unscrew post from Hanger.
- When door is in position you need to lock the door plate.

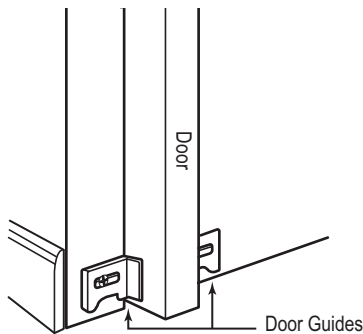


## 11. Installing Door Guide

With nylon guides facing toward the door opening, fasten Door Guide to Split Jamb using #8 x 1" screws as shown.

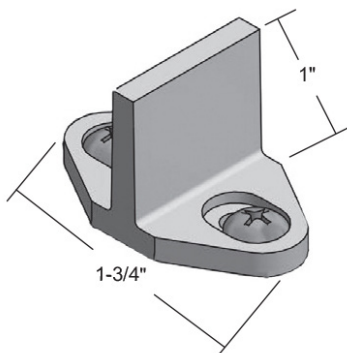
Option

- Floor Guide requires a  $\frac{1}{4}$ " x  $\frac{7}{8}$ " mortise.



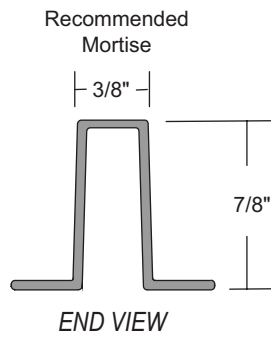
## 12. Installing Door Trim

- Adjust Door Guides before installing trim. Install door trim over Door Guides allowing  $\frac{3}{16}$ " clearance between door and guide.
- Install In-Track Stop at desired location.



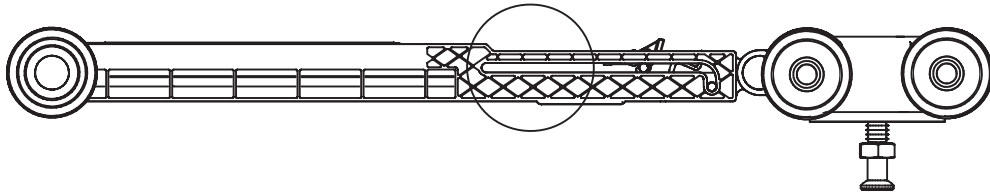
## 13. Alternate Guide (Included)

- Floor Guide furnished may be used if desired. Install inside Pocket at desired location. Door must be mortised  $\frac{1}{4}$ " x  $\frac{7}{8}$ "



#### 14. Optional Items (Sold Separately)

- Bottom Channel Guide (sold separately) may be installed in bottom of Door with Construction Adhesive. Door must be mortised  $\frac{3}{8}$ " x  $\frac{7}{8}$ "
  - Bottom Channel Guide (SL-BCG)
  - Soft Close (SC, SCBY)
  - Floor Guide (SL-WG)
- 
- Soft Close



NGP-SLI-SLAL-250-PDKIT-PRI-0223-A



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