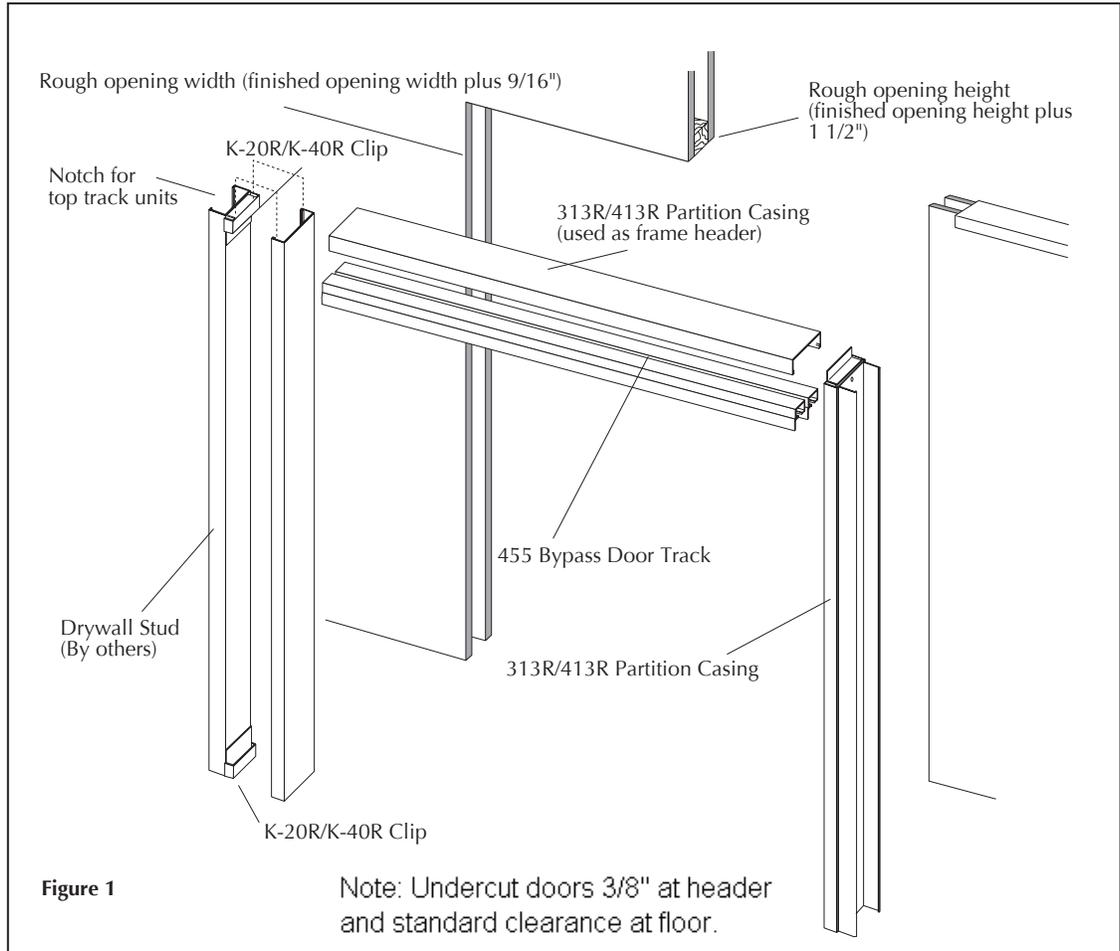


Versatrac™ Bypass Door Units, Conventional and Top Track, 300 and 400 Series

Installation Instructions



Rough Opening

Option 1 (using K-20R/k-40R clips)

Rough opening width should equal nominal door size plus 3/8". Rough opening height for conventional units should equal door height plus 1 1/2". Height of top track units is determined by ceiling height.

Drywall studs at rough opening should be left out, so that cased opening clips may be used in conjunction with drywall studs

for anchoring jambs.

Option 2 (no jamb clips)

Rough opening width should equal nominal door size plus 1/8". Rough opening height for conventional units should equal door height plus 1 1/2". Height of top track units is determined by ceiling height.

Drywall studs should be flush with edge of drywall and jambs should be glued to drywall studs.

Parts List

- 1 313R/413R Partition Casing used as a frame header, 9'2"
- 2 313R/413R Partition Casing for jambs, 9'2".
- 2 455 Bypass Door Track, 8'2"
- 6 K-20R/K-40R Cased Opening Clips
- 8 T-10 TEK screws
- 8 1 1/4" x No. 10 Phillips head tapping screws
- 1 Hardware - Rollers, hangers, stops, guide and wrench; carpet riser optional

Versatrac™ Bypass Door Units, Conventional and Top Track, 300 and 400 Series

Installation Instructions

Follow these steps in order:

Step 1:

Cut 313R/413R partition casing (for jambs) to opening height plus 1 1/2" for conventional units. For top track units, cut part to extend from top track to floor, allowing for notch to extend into top track. (Figure 2)

Step 2:

Option 1 (using K-20R/K-40R clips)
Attach K-20R/K-40R cased opening clips to top and bottom of loose drywall stud and slide 313R/314R partition casing down over the clips. Push jamb assembly into rough opening, plumb and secure by running drywall screws through drywall into drywall stud.
Option 2 (no jamb clips)
Attach 313R/413R to drywall studs with construction adhesive.

Step 3:

Cut 313R/413R partition casing (used as header) to extend between jambs for conventional units. For top track units, allow header to extend past jambs for splicing into top track. (Figure 2)

Step 4:

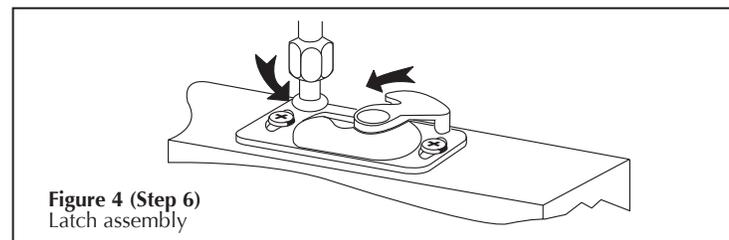
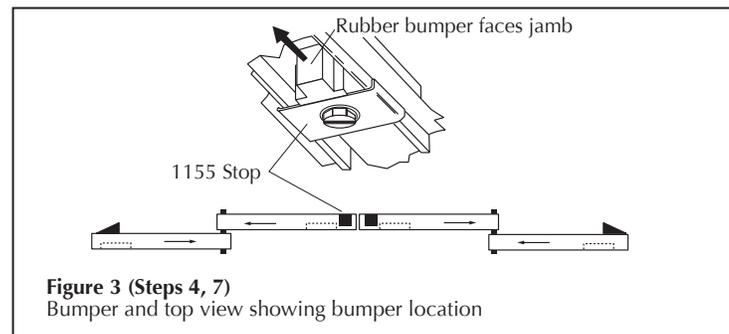
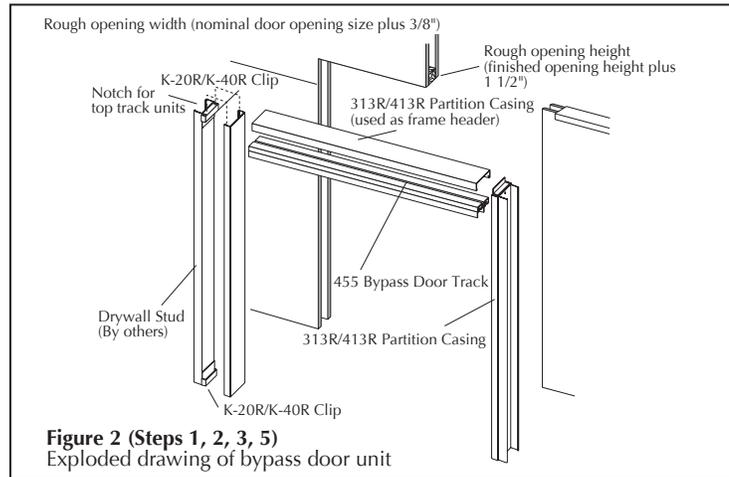
Cut both pieces of 455 bypass door track to opening width. Insert rollers, alternating single and double roller sides. For three and four door units, insert 1155 stop. (Fig. 3).

Step 5:

Set track into header with fascia on outside of opening. Secure the track by running tapping screws through header and track into drywall header. (Figure 2)

Step 6:

Mount hangers on doors, allowing



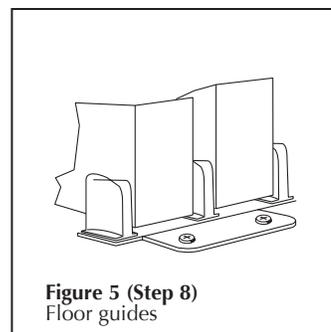
2" from edge of door to edge of hanger. Hang doors by slipping pin on roller into slot of hanger and lock in place. (Figure 4) Doors can be adjusted by turning nut on roller pin with wrench provided.

Step 7:

Mount bumpers. Adjust stops for three and four door units. (Fig. 3)

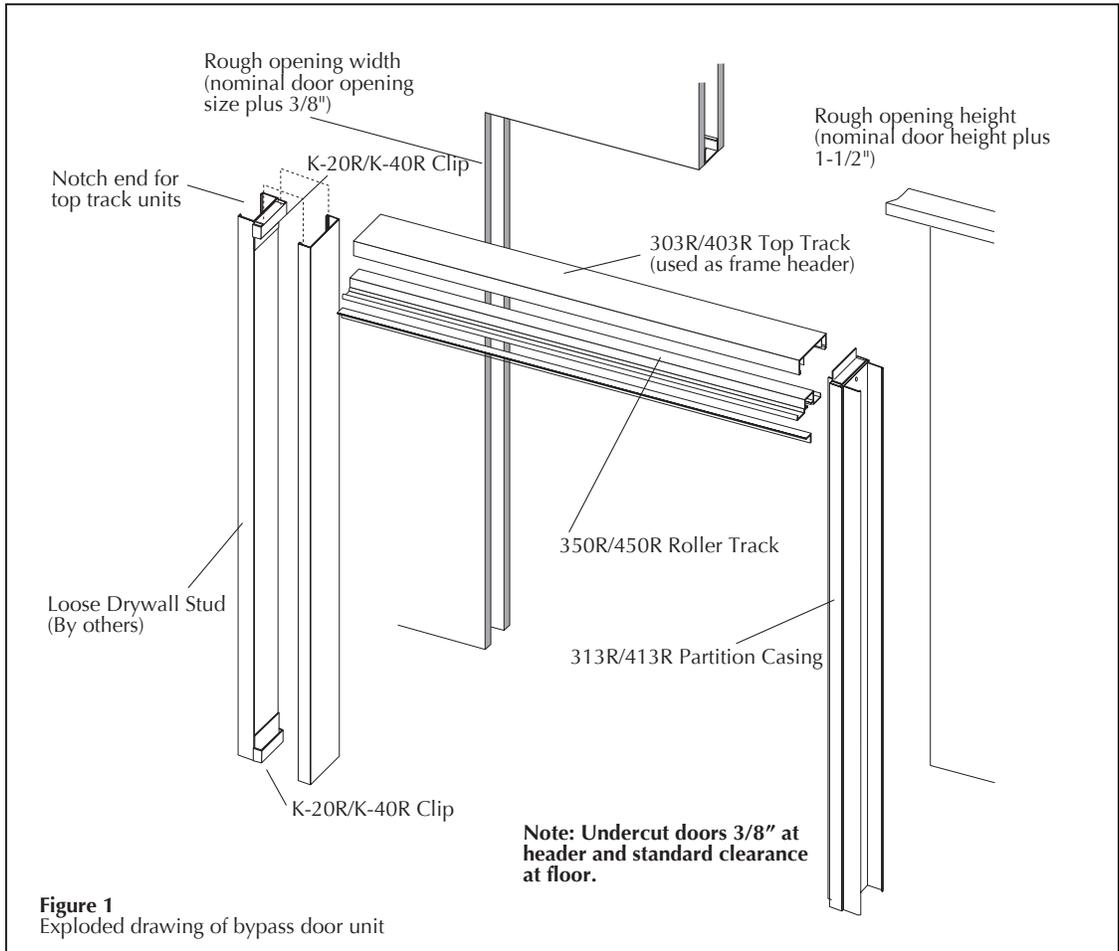
Step 8:

Install bottom guides, (Figure 5)



Versatrac™ Bifold Door Units, Conventional and Top Track, 300 and 400 Series

Installation Instructions



Rough Opening

Option 1 (using K-20R/k-40R clips)

Rough opening width should equal nominal door size plus 3/8". Rough opening height for conventional units should equal door height plus 1 1/2". Height of top track units is determined by ceiling height.

Drywall studs at rough opening should be left out, so that cased opening clips may be used in conjunction with drywall studs for anchoring jambs.

Option 2 (no jamb clips)

Rough opening width should equal nominal door size plus 1/8". Rough opening height for conventional units should equal door height plus 1 1/2". Height of top track units is determined by ceiling height.

Drywall studs should be flush with edge of drywall and jambs should be glued to drywall studs.

Parts List

1 303R/403R Partition Casing

- used as a frame header
- 2 313R/413R Partition Casing for jambs
- 1 350R/450R Roller Track
- 6 K-20R/K-40R Cased Opening Clips
- 16 T-10 TEK screws
- 8 1 1/4" x No. 10 Phillips head tapping screws
- 1 Hardware - Rollers, hangers, stops, hinges, bumpers, screws; one each right hand pivot set and one each left hand pivot set for four-leaf units, or one pivot set for two-leaf units (specify hand)

Versatrac™ Bifold Door Units, Conventional and Top Track, 300 and 400 Series

Installation Instructions

Rough Opening Preparation

Step 1:

Cut 313R/413R partition casing (for jambs) to opening height plus 1 1/2" for conventional units. For top track units, cut part to extend from top track to floor, allowing for notch to extend into top track. (Figure 2)

Step 2:

Option 1 (using K-20R/K-40R clips)
Attach K-20R/K-40R cased opening clips to top and bottom of loose drywall stud and slide 313R/314R partition casing down over the clips. Push jamb assembly into rough opening, plumb and secure by running drywall screws through drywall into drywall stud.

Option 2 (no jamb clips)
Attach 313R/413R to drywall studs with construction adhesive.

Step 3:

Cut 303R/403R top track (frame header) to extend jamb to jamb. For top track units, omit this step. (Figure 2)

Step 4:

Installation of Track

300 Series: Cut 350R Roller Track to same dimension as frame header. Insert rollers, next bumpers, and then top pivots into track. (Figure 3) Snap into frame header and secure to drywall header by running wood screws through track and frame header into stud.

400 Series: Cut 450R Roller Track to same dimension as frame

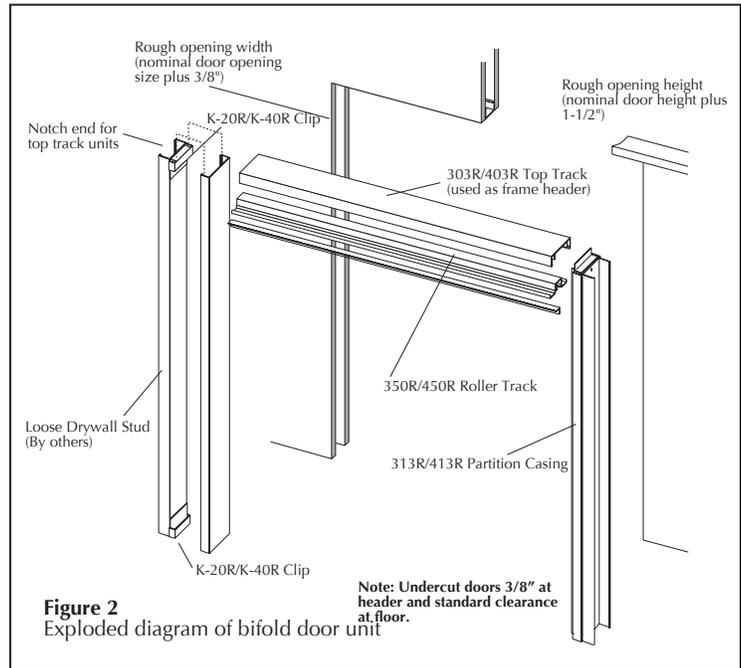


Figure 2
Exploded diagram of bifold door unit

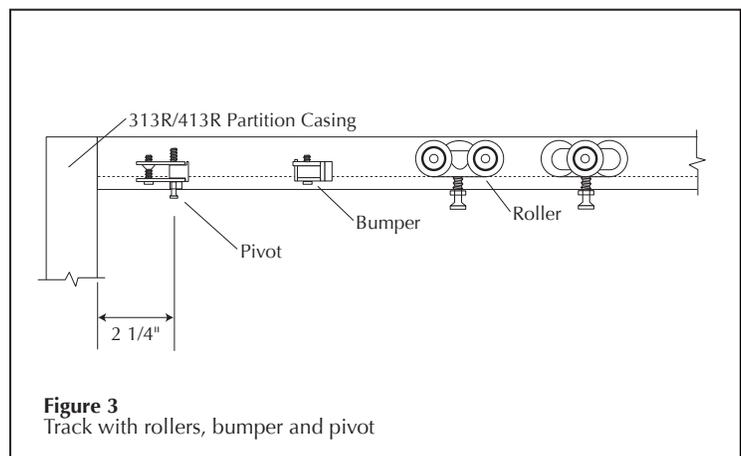


Figure 3
Track with rollers, bumper and pivot

header. Insert rollers, next bumpers, and then top pivots into track. (Figure 3) Place track into frame header and secure to drywall header by running wood screws through track and frame header into stud.

Step 5:

Position top pivot where pivot pin is located 2 1/4" from jamb and tighten down. (Figure 3) Position floor pivot plate against jamb, line up with top pivot and secure. (Figure 6)

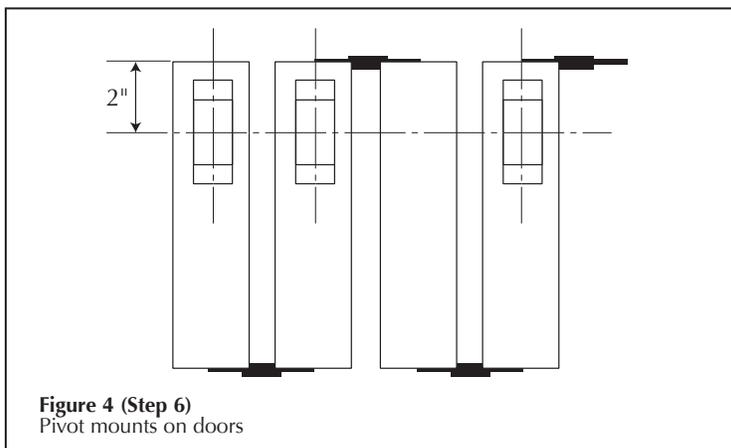


Figure 4 (Step 6)
Pivot mounts on doors

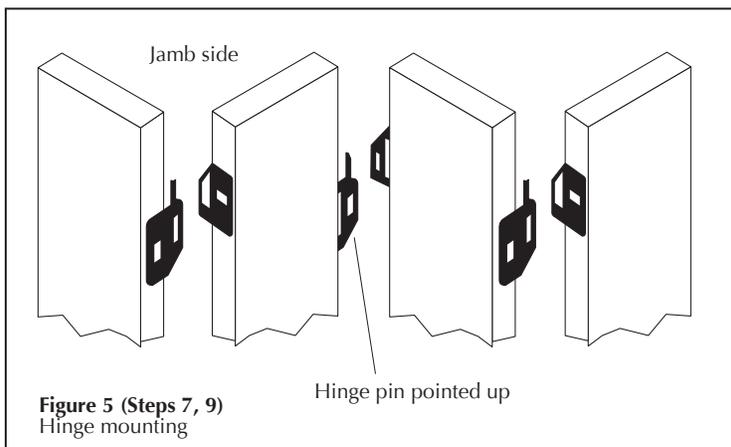


Figure 5 (Steps 7, 9)
Hinge mounting

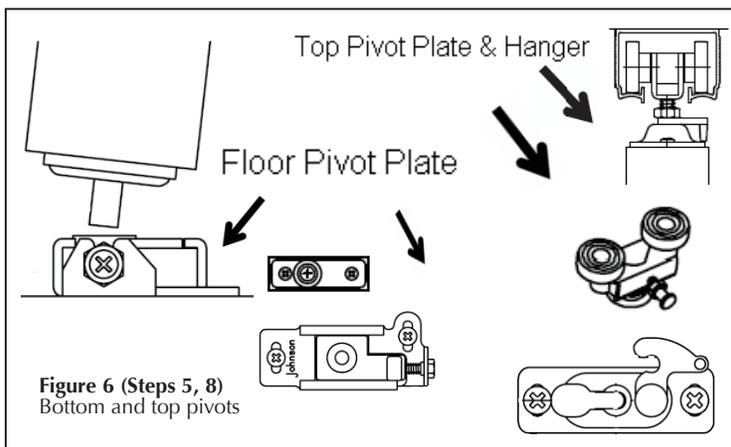


Figure 6 (Steps 5, 8)
Bottom and top pivots

Step 6:

Mount bottom pivot on bottom of door 1" from edge of door to edge of plate; or 2" from edge of door to pivot pin. Mount hangers on top of door to center of hanger. (Figure 4)

Step 7:

Mount hinges 7" from top and 11" from bottom of doors, with middle hinge centered in between. The hinge half with pin should always be on the side of door furthest from the jamb, with the pin pointed up. Hinges should always be on the inside when two doors are joined together. If more than two doors are joined together (such as in six-leaf applications), hinges must be mounted alternating inside and outside to achieve a consistent, symmetrical appearance. (Figure 5)

Step 8:

Set bottom pivot on door into socket of floor pivot plate, and slide top pivot pin into hanger slot and lock into place. (Figure 6)

Step 9:

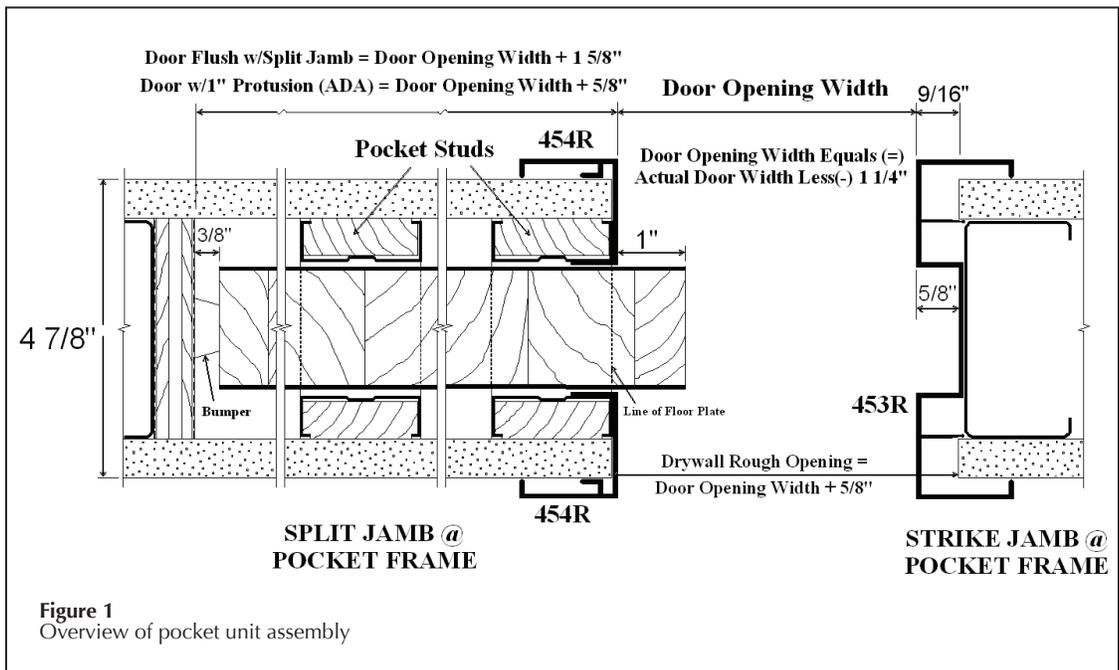
Hang rest of doors one after the other by matching top leaf of hinge to hinge post of bottom leaf of hinge on preceding door. Clip hangers onto roller pins for respective doors and lock into place. (Figure 5)

Step 10:

Adjust bumper stop rollers at required distance from jambs and tighten down.

Versatrac™ Pocket Door Units, Conventional and Top Track

Installation Instructions



Rough Opening

Single Unit - Dimension between drywall studs should equal twice rough opening width plus 2 3/4" (Figure 1). Rough opening width equals door width less 1 1/4". Drywall at jamb opposite pocket should extend 9/16" beyond drywall stud. Drywall at pocket should be installed after door unit. Rough opening height should equal nominal door height plus 1 1/2". Height of top track unit is determined by ceiling height.

Parts List

- 1 403R Top Track used as frame header, 4'-0". Not furnished for top track units.
 - 1 450R Roller Track, 8'2"
 - 1 453 Pocket Door Jamb, 9'2", notch to extend into top track units.
 - 2 454 Split Pocket Jamb, 9'2". Notch to extend into top track for top track units.
 - 4 Pocket Studs, 9'4"
 - 2 Floor Clips
 - 1 Floor track
 - 1 Plywood buck
- Hardware Set - includes rollers, hangers, guides, bumpers and wrench
 Optional Hardware - flush cup pulls, edge pulls

Versatrac™ Pocket Door Units, Conventional and Top Track

Installation Instructions

Follow these steps in order:

Step 1:

Cut 453 Pocket Jamb to opening height plus 1 1/2" for conventional units. For top track units, cut part to extend from top track to floor, notch to extend into top track. (Figure 2)

Step 2:

Cut 403R Top Track (frame header) to door width less 1 1/4". Omit this step for top track units. (Figure 2)

Step 3:

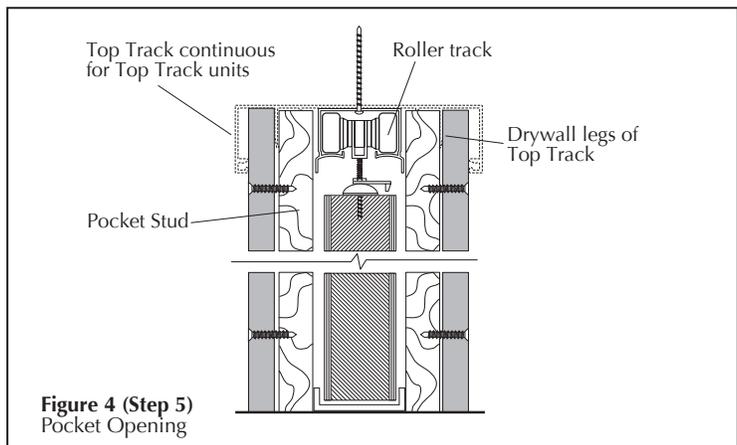
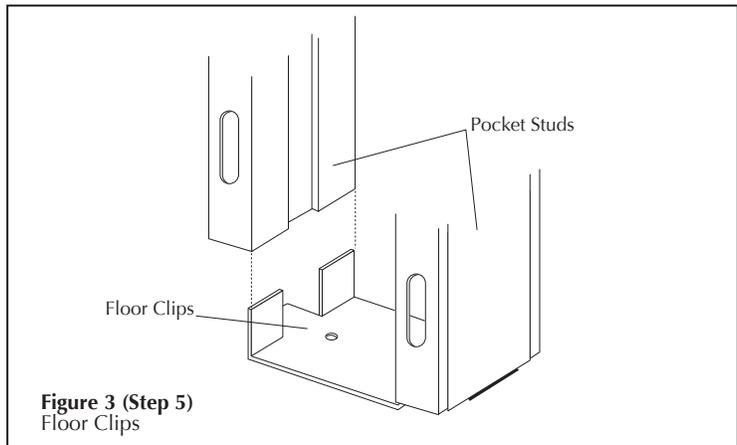
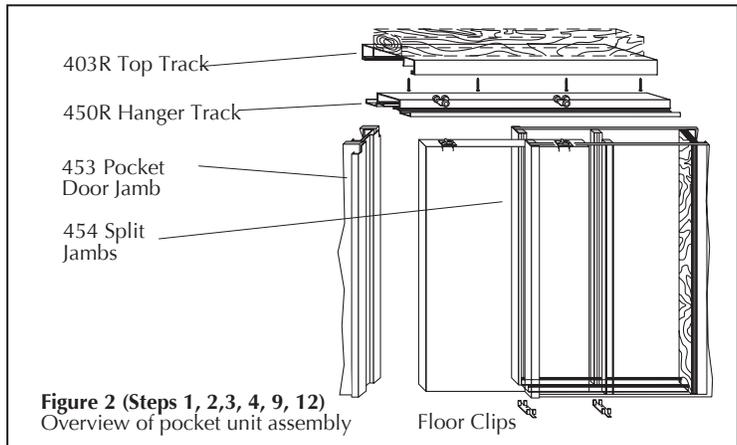
Cut 450R Hanger Track to twice door width. (Figure 2)

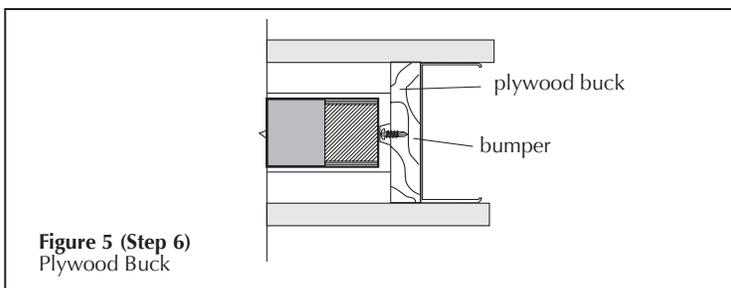
Step 4:

Put rollers into track and place track in frame header. Butt frame header and track against jamb and secure to drywall header. (Fig. 2)

Step 5:

Insert floor clips into pocket studs. (Figure 3) Locate one set 1/8" back from frame opening, and locate second set in the middle of the pocket. Insert ends of studs at top between drywall legs of top track and roller track (Figure 4)



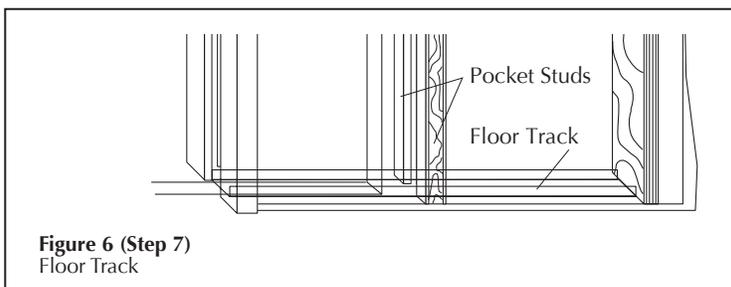


Step 6:

Fasten plywood buck to drywall stud and install bumper. (Fig. 5)

Step 7:

Cut two pieces of floor track to fit between pocket studs and shoot them to the floor. (Fig. 6)

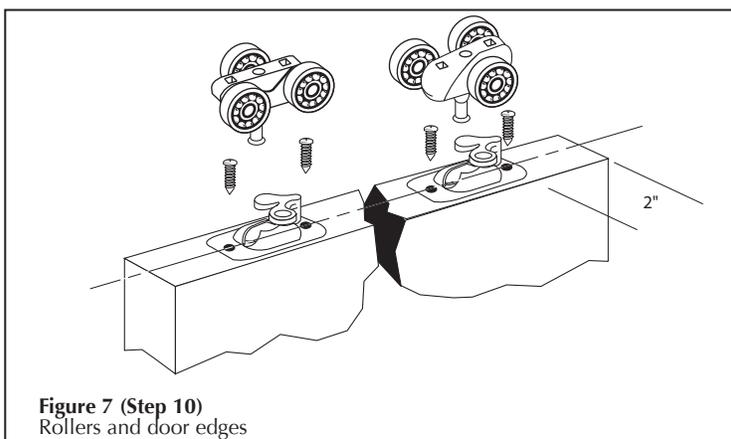


Step 8:

Make a spreader the same width as door and place in between pocket studs. Hang drywall around pocket.

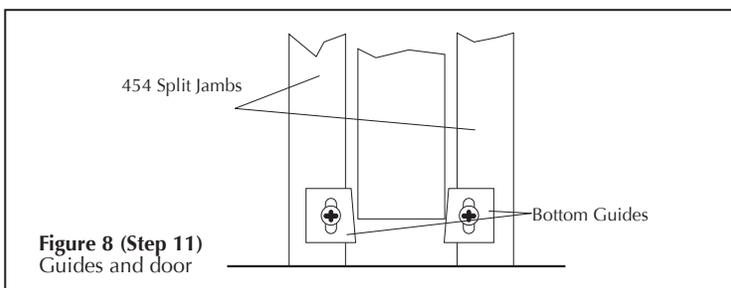
Step 9:

Cut 454 Split Jambs to length. Dimension should equal finished opening height plus 1 1/2" for conventional units. For top track units, cut to extend from top track to floor, notch to extend into top track. Remove spreader and attach split jambs with adhesive. (Fig. 2)



Step 10:

Mount hangers on top of door. Center line of hanger should be 2" from door edge. To hang door, slide roller pins into hanger slot and lock in place. (Fig. 7) Door can be adjusted up or down by turning nut on pin with wrench provided.



Step 11:

Mount bottom guides, one on each split jamb, to guide door. (Fig. 8)

Versatrac™ Adjustable 90-Minute Aluminum Door Frame Assembly

Installation Instructions

Note: *Installation of this frame shall be per these instructions and in accordance with NFPA 80.*

Rough Opening

Rough opening should equal door width plus 3/4" to 7/8"; door height plus 3/8" to 7/16"; with drywall studs plumb to sheetrock opening. The same rough opening dimension will apply to a single or double frame.

Step 1:

Install steel wall cap around sheetrock opening at head and jambs engaging tabs at top of vertical steel wall cap to steel wall cap at header.

Step 2:

Plumb one side of steel wall cap and screw thru guide holes into "C" stud on both sides of steel wall cap using #8 x 1 3/4" self-tapping screws. Minimum engagement of screws into "C" stud to be 1/2".

Step 3:

Plumb other side of steel wall cap with steel wall cap at header and screw thru guide holes into "C" stud and "U" track on both sides of steel wall cap using #9 x 1 3/4" self-tapping screws. Note opening width from vertical wall cap to vertical wall cap should be door width plus 1/2"; height from floor to steel wall cap at header should be nominal door height plus 1/4".

Step 4:

Assemble two halves of aluminum frame sliding K-14 clips into slots provided in frame header and frame jambs (2 clips for each half).

Step 5:

Place assembled frame halves over steel wall cap. Plumb each side using clamps to hold frame halves in place. Position steel stop channels provided for frame stops in stop grooves of aluminum frame jambs and header. Screw steel stop channels in stop position to two-piece aluminum frame jambs engaging "C" stud with T-10 (#16 x 5/8" self-tapping screws). Make sure jambs are tight with mitered head.

Step 6:

Install aluminum door stops on frame; hang door(s) and install hardware. Note pilot holes for hinges must be drilled into steel channel using aluminum template for a guide. Then use self-tapping hinge screws provided by the frame manufacturer to attach hinges to the frame.