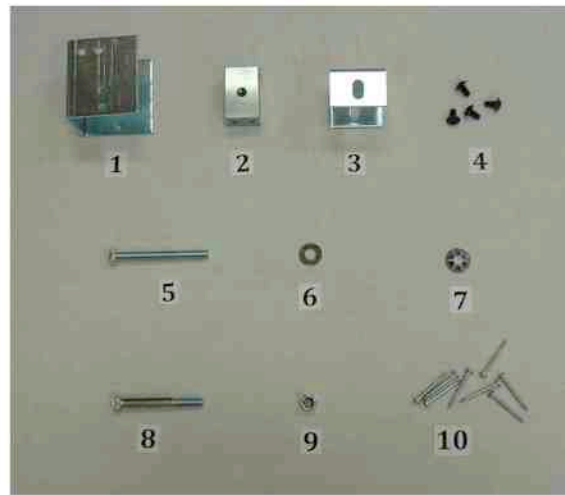

**Instructions for Retrofitting *Hafele Futura* Pocket Door Frames
(recommended for 2x4 walls only)**

The Peterson Pocket Door System has been engineered to fit within *Hafele's Futura* pocket door frames (www.hafele.com). Because the P.P.D.S. will add to the height of the track, an 8'0" frame should be used to accommodate 6'8" doors and adjustments to the valance of the frame must be made prior to installation. Before retrofitting the valance please carefully study the parts diagram and follow the instructions provided below.

Parts Diagram



Parts not Included

Pocket door frame unit (including pocket door frame, track, wheels and door guide), self-tapping metal screws, 5/32" allen wrench, and 9/16" socket wrench

Before you Begin

1. Select an oversize pocket door frame

For a standard 6'8" tall door, select a Hafele pocket door kit designed for an 8'0" door. This extra space is needed to accommodate the P.P.D.S. For a 6'8" door the legs provided with the *Hafele* pocket door kit will also need to be cut down to approximately 88 1/2" (depending on the height of the finished floor.) More detail about cutting the legs is provided below.

2. Check the size of the framed rough opening

Ensure that the framed rough opening will accommodate the pocket door frame. The height of the rough opening should be approximately 89 1/2" and the width of the rough opening should allow for 1/4" of additional shim space on each side of the unit (this measurement will vary depending on the width of the door.)

3. Assemble the Peterson Pocket Door System adjustable mounting bracket

A. Fasten the block (part #2) to the adjustable mounting bracket (part #1) with the four machine

screws provided (part #4). Study **fig. 1** carefully to ensure that the adjustable mounting bracket is oriented properly and the machine screws are inserted in the correct holes.



Figure 1

b. Slide the brass washer (part #6) onto the 3 1/2" bolt (part #5). Run the 3 1/2" bolt through one hole on the end of the hollow square tube. Place the retainer washer (part #7) on the end of the 3 1/2" bolt and run the 3 1/2" bolt through the second hole in the hollow square tube until the brass washer and the lock washer seat firmly on the inside and outside edge of the hollow square tube (**fig. 2**).



Fig 2

3. Build a new valance for the Hafele frame

A. Because the valance that comes with the *Hafele* pocket door frame has been designed to only accommodate *Hafele's* narrow track it must be reconstructed to fit the P.P.D.S. To accommodate *Hafele's* track and the P.P.D.S. a new valance must be built to the following specifications outlined in Figure 3 below.

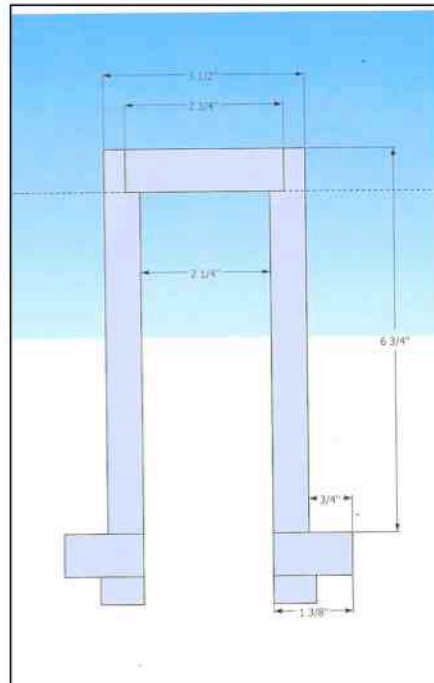


Fig. 3

B. After constructing the valance, the top corner sides of the valance must be mortised to provide room for the heads of the four machine screws (part #4) attached to the adjustable mounting bracket (**fig 4**). Install one side of the valance but leave the other side off so that the track assembly can be installed.

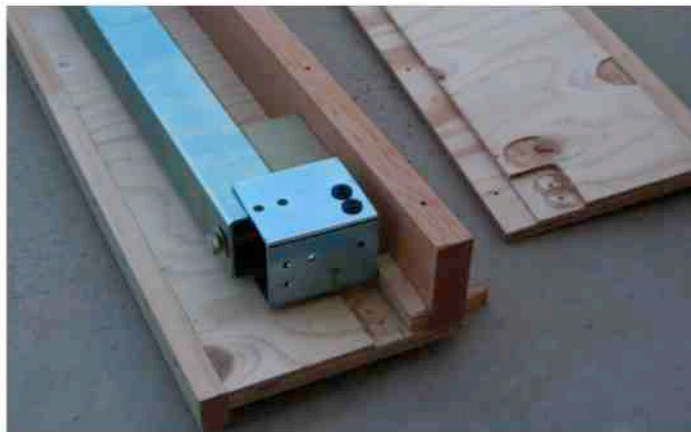


Fig. 4

C. Build the exposed jamb leg. Rip a piece of $\frac{3}{4}$ " jamb stock to approximately 5" (width will vary

depending on whether or not trim is desired) and cut the leg to approximately 88 ½" (length will also vary slightly depending on the height of the finished floor.) Then notch the top of the jamb leg so that it matches the outside contour of the newly constructed valance (**fig 5**).



Fig. 5

D. Cut the jamb leg to be enclosed in drywall. Use the same width material used to construct the top of the valance (3/4" x 3 ½") and cut to the same length as the exposed jamb leg (approximately 88 ½")

3. Install the P.P.D.S. in the modified frame

A. Center the adjustable mounting bracket/block assembly on the exposed jamb leg and with the wood screws provided (part #10), fasten the adjustable mounting bracket assembly to the side of the jamb so that the bottom of the bracket is 3 ½" from the top of the inside of the track cavity or approximately 4 1/4" from the top of the jamb if ¾" material is used for the top of the valance (**fig. 6**).



Fig. 6

B. Center the 'U' Bracket (part #3) in the jamb leg to be enclosed in drywall and fasten the bracket so that the bottom of the bracket is $3 \frac{7}{8}$ " from the top of the inside of the track cavity or approximately $4 \frac{5}{8}$ " from the top of the jamb if $\frac{3}{4}$ " material is used for the top of the valance (**fig. 7**)



Fig. 7

C. Screw both jamb legs to the newly constructed valance (**fig. 8**).



fig. 8

D. Attach the header system to both brackets. Align the holes in the opposite end of the hollow square tube with the holes in the mounted 'U' bracket (part #3). Once aligned, slide the 3" bolt (part #8) through the 'U' bracket and the hollow square tube. Apply the nylon nut (part #9) to the 3" bolt and tighten with a 9/16" wrench. *Do not over tighten the nylon nut. The hollow square tube must easily pivot on the 'U' bracket to function properly (fig 9).*



fig. 9

E. Pivot the hollow square tube up to the adjustable mounting bracket/block assembly. Slide the brass washer (part #6) onto 3 1/2" bolt (part #5) and thread the bolt into the hole in the block (fig 10).



Fig. 10

F. Attach the other side of the valance to the head of the valance and the jamb, fully enclosing the track (fig. 11).



Fig. 11

5. Modify the track

A. Drill a 1" hole on the end of the Hafele track to allow access to the head of the 3 1/2" bolt. Use a router to cut out a channel on the end of the track so the wheels can be removed for future repairs (figs 12 and 13).



Fig. 12



Fig. 13

6. Install the steel studs

A. For increased structural stability, remove the wood strip nailed to the steel studs provided with the kit and reinstall with screws (**fig 14**).



Fig. 14

B. Cut the steel studs so that they extend to the top of the valance and rest on the manufacturer's floor mounting brackets. Allow for approximately $\frac{1}{2}$ " between the bottom of the door and the finished floor.

C. Install the steel studs to the wood header according to the manufacturer's specifications (**fig. 15**).



fig. 15

6. Install 3/4" trim around the jamb

Once the steel studs have been installed the 3/4" trim can be attached to the wood screwed to the steel studs.

7. Install the pocket door frame

- A. Install the retrofitted pocket door frame in the rough opening, carefully leveling the sides and top of the frame.
- B. Attach the steel studs to the floor according to the manufacturer's specifications.
- C. Level the track assembly using a 9/16" socket wrench to turn the exposed head of the 3 1/2" bolt.
- D. Attach the rollers to the door, place the door on the track, and check the track for adjustability.

Install the 1/2" x 3/4" finish trim

Once the door has been installed the 1/2 x 3/4" finish trim may be nailed to the 3/4" trim. To fill the gap between the edge of the 1/2" x 3/4" trim and the door a slim mole hair brush (*Pemko 369AP*) may be installed.

Installation instructions for double door units

To use the Peterson Pocket Door System in double door applications purchase two Peterson Pocket Door System units and a pocket door frame designed for a pair of doors.

1. Remove the tracks from the pocket door frame and set aside for later use.
2. With the four machine screws (part #4) provided, fasten the block (part #2) to the adjustable mounting bracket (part #1) using the appropriate holes. Note: double door applications require that screws align with different holes than those used in single door applications. Study **fig. 16** carefully to ensure that the machine screws are inserted in the proper holes. Repeat this step with the second block and mounting bracket.



Fig. 16

3. Center both adjustable mounting bracket/block assemblies side by side in the middle of the track cavity. Fasten the adjustable mounting bracket using the wood screws (part #10) provided (**fig. 17**).



Fig. 17

4. Follow single door instructions repeating steps when necessary for the second track.