

Solid shelving

Traditional solid shelving assembly



Fig A.



Fig B.

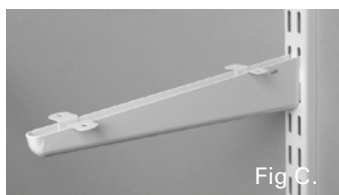


Fig C.



Fig D.

Shelf joiners.

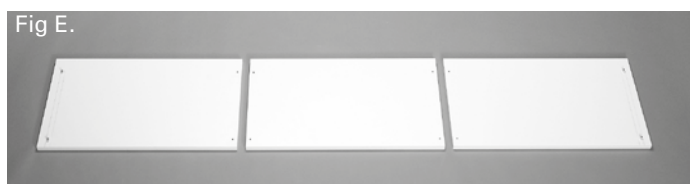


Fig E.

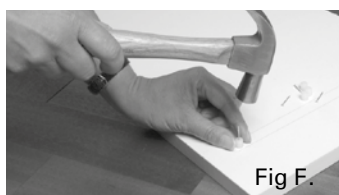


Fig F.

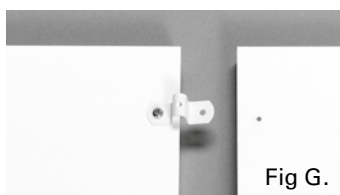


Fig G.

Shelf joiners attached to one shelf.



Fig H.

Shelf pins.



Fig I.

Shelf screws.

Step 1 Install the wallband (see to install wallbands).

Step 2 Position wallbands at the proper distance for the shelves being used. The maximum distance should not be more than 36"/900 mm apart. Wallbands should be parallel with one another and perpendicular to the floor (Fig. A).

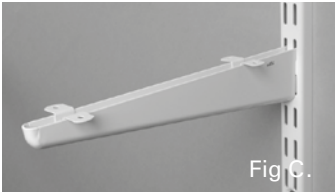
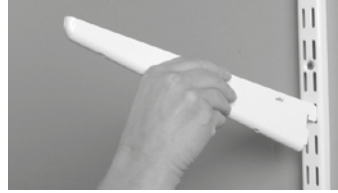
Step 3 The row of shelving closest to the middle should be installed first. Put the brackets in the wallbands for the row you are installing (Fig. B). If joining shelves, put the shelf joiners in the brackets. One shelf joiner should be placed at the very front of the bracket and one at the back of the bracket, approximately 1/2"/10 mm from the standard (Fig. C).

Step 4 Place the shelf on the brackets and use a pencil to trace an outline of the brackets (Fig. D). If joining shelves, place the entire row of shelves on the brackets. Adjust them so there are no gaps at the front where the shelves meet. On the bottom of the shelves, use a pencil to mark the holes in the shelf joiners, as well as to trace an outline of the remaining brackets.

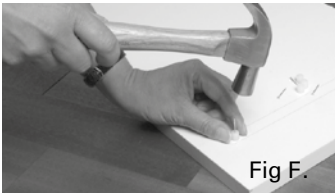
Step 5 Take the shelf off the brackets and place it upside down on the floor with pencil marks visible. If joining shelves, keep them in sequence when taking them off the brackets and placing them on the floor (Fig. E). Take the shelf joiners out of the brackets and place them on the floor next to their respective shelves.

Solid shelving

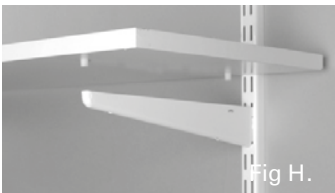
Traditional solid shelving assembly



Shelf joiners.



Shelf joiners attached to one shelf.



Shelf pins.

Shelf screws.

Step 6 Install shelf pins by placing one as close as possible to the front of the bracket outline, by gently tapping into place. Place a second shelf pin at the back of the bracket outline 1/2"/10 mm from the back of the shelf and tap into place. Repeat for all shelves requiring shelf pins (Fig. F).

If joining shelves, use a 1/8"/3mm drill bit to drill holes for each screw marked for the shelf joiners.

Begin with the first shelf on the row and use 1/2"/10 mm screws to attach one side of each shelf joiner to a shelf. Do not attach the other side of the shelf joiner to the next shelf at this time (Fig. G).

If using shelf screws, take a bracket out of a wall-band to use as a guide. Place the bracket over each bracket outline on the shelf and use an awl (or similar pointed tool) to punch a mark for screws through each hole in the bracket. Be sure to keep the awl straight. Remove the bracket and use a 1/8"/3 mm drill bit to drill a hole at each punch mark.

Step 7 Place the shelf on the brackets by putting the front shelf pin(s) into the bracket. Gently push the back of the shelf into position. The front shelf pin(s) will push against the front of the bracket holding it in place (Fig. H).

If joining shelves, position the shelf on the bracket by putting the front shelf joiner into the bracket. Gently push the back of the shelf into position. The front shelf joiner will push against the front of the bracket holding it in place (Fig. H). Place the next shelf in the row over the bracket and shelf joiner. Continue until you have all shelves on the row in place. Align the holes in the shelves with the corresponding shelf joiner holes and insert the 1/2"/10 mm screws. Tighten each screw.

If using shelf screws, place the shelf on the bracket and align the holes in the shelf with the corresponding shelf bracket holes. Insert a 1-1/4"/30 mm screw in the front hole and a 2"/50 mm screw in the back hole of each bracket tighten each screw (Fig. I). *Note: A combination of the above methods may be used to attach shelves to brackets.*

Step 8 After installing the row of shelving closest to the middle, repeat for each row of shelves. Start at the top and work down to allow for easier access when inserting hardware into the bottoms of the shelves.