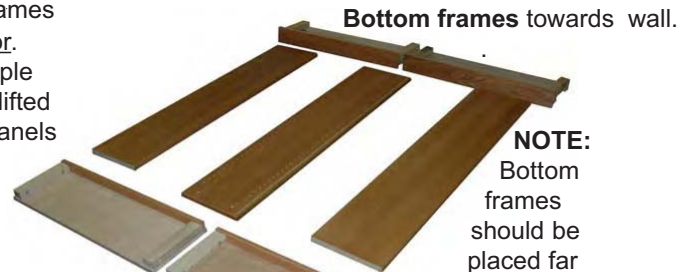


Tools needed:
 1/2" box wrench
 OR 1/2" socket wrench, and
 Phillips Head Screwdriver.

NOTE: At least two people during assembly for best results.

1. Lay out panels and top frames as shown on a carpeted floor. See # 8 before starting, multiple units can be assembled and lifted into place at a time. Starter panels only begin and end a "run" of shelving.



NOTE: Bottom frames should be placed far enough away from the wall to slide backs into place from bottom. See # 6



TOP FRAMES
 * On 36" to 60"H units finished side faces up.
 * On 72" & 82"H units un-finished side faces up.

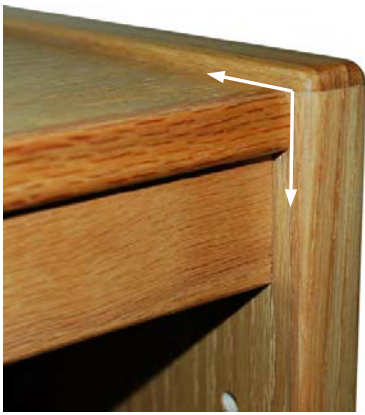
*** 2-1/2" SCREWS ARE FOR SCREWING THROUGH THE HOLES IN THE TOP FRAME BLOCKS AND INTO THE UPRIGHT PANELS.**

2. Turn top frame, 1st starter and bottom frame on edge as shown. Align holes with barrel inserts. Pass bolt with washer through the frame brace holes. **HAND TIGHTEN** the bolts into the starter panel barrel inserts.



3. Turn 2nd top frame, adder panel & bottom frames on edge as shown. Align adder panel holes with holes on the two frame braces. Pass the bolt through both sets top frame holes. Place the T-nut on the bolt. **HAND TIGHTEN**. Repeat step 3 as needed. **NOTE:** Starter panels only, begin and end a "run" of shelving.

DUE TO THE RISK OF TIPPING, SINGLE FACED SHELVING MUST BE ANCHORED TO THE WALL OR TO THE FLOOR. ANY OTHER USE IS NOT WARRANTED. THE MANUFACTURER WILL NOT BE LIABLE FOR SHELVING THAT IS INSTALLED INCORRECTLY.



4. Once all top/bottom frame bolts are HAND TIGHTENED align the top frame edges with the solid oak edgeband on the starter and adder panels as shown.



5. Once the top & bottom frames are aligned (see 4.) use the 1/2" wrench to tighten each bolt slowly. Top frame can be *lightly* tapped with your hand to maintain alignment during tightening. DO NOT over tighten the starter panel bolts. Adder panel bolts should be tightened until the T-nuts "bite" completely into the frame brace.



6. Turn 1/4" T veneer plywood back unfinished side out. Make certain that the *cathedrals are pointing toward the top frame. Carefully slide the back into the grooves machined into the starter and adder panels. (*cathedrals are formed by the wood grain in the veneer.)

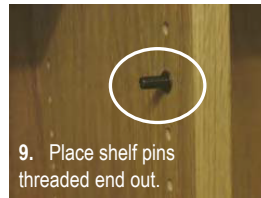
7. Before standing the unit upright, fasten wood screws through the back panel into the bottom frame blocks, as shown in all sections. On 72" and 82" high units also put 2 screws through the back panel into the top frame blocks. Put screws through the edges of the backs, at a 45 degree angle, into the upright panels positioned 1/3rd and 2/3rds up from the bottom.



Use 5/8" screws provided



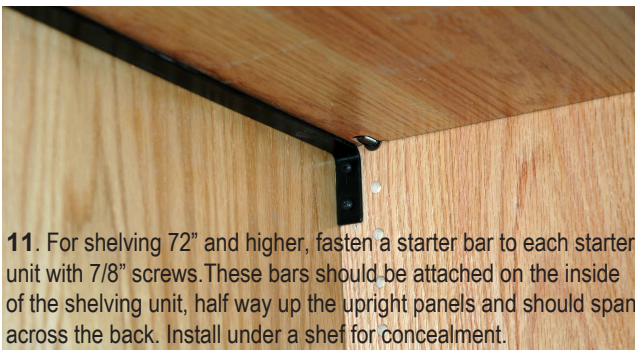
8. Never attempt to stand assembled units upright without plenty of help.



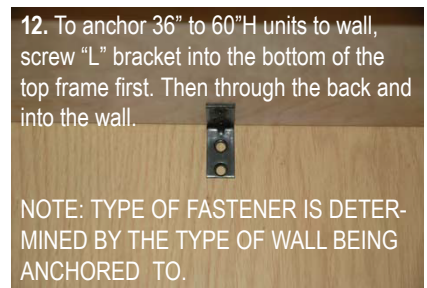
9. Place shelf pins threaded end out.



10. Place bottom shelf in as shown and slowly press the back edge into place.

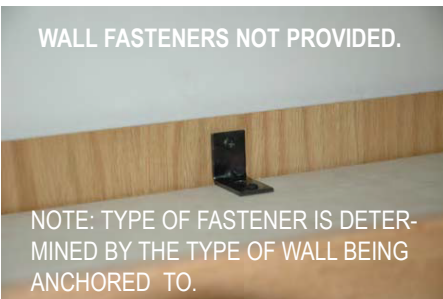


11. For shelving 72" and higher, fasten a starter bar to each starter unit with 7/8" screws. These bars should be attached on the inside of the shelving unit, half way up the upright panels and should span across the back. Install under a shelf for concealment.



12. To anchor 36" to 60"H units to wall, screw "L" bracket into the bottom of the top frame first. Then through the back and into the wall.

NOTE: TYPE OF FASTENER IS DETERMINED BY THE TYPE OF WALL BEING ANCHORED TO.

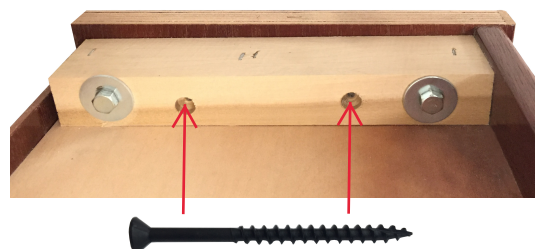


WALL FASTENERS NOT PROVIDED.

NOTE: TYPE OF FASTENER IS DETERMINED BY THE TYPE OF WALL BEING ANCHORED TO.

12. To anchor 72" & 82"H units to wall, screw "L" bracket into the TOP of the top frame first. Then through the back and into the wall.

(Image below shows the un-finished side of the top frame facing up. This is the placement for 72"H & 82"H shelving units. For shelving below 60"H, the finished side of the top frame should be facing up.)



13. Use 2-1/2" long screws to screw through the wood blocks and into the upright panels.

**** NOTE: PLACE BOOKS ON SHELVES ONLY AFTER UNITS HAVE BEEN PROPERLY ANCHORED TO THE WALL**