

1. Lay out panels and top frames as shown on a carpeted floor. See # 16 before starting, multiple units can be assembled and lifted into place at a time. Starter panels only begin and end a "run" of shelving.

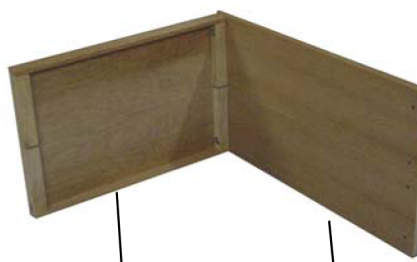
NOTE: At least two people during assembly for best results.



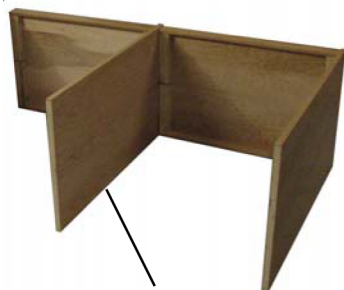
2. Tools needed: 1/2" box wrench and 1/2" socket wrench, and Philips Head Screwdriver.



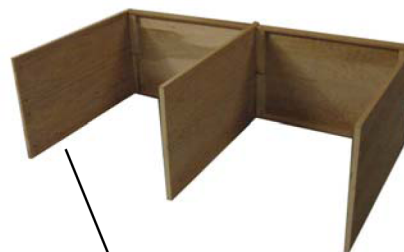
3. Prepare all STARTER panel bolts and washers as shown.



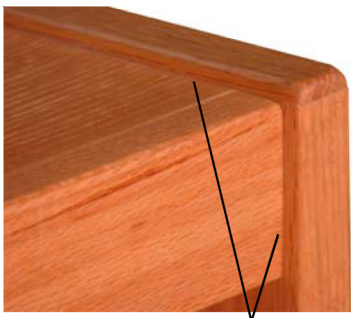
4. Turn the top frame and 1st starter panel on edge as shown. Align holes with barrel inserts. Pass bolt with washer through the top frame brace holes. **HAND TIGHTEN** the bolts into the starter panel barrel inserts.



- 5-6. Turn the adder panel AND 2nd top frame on edge as shown. Align adder panel holes with holes on the two top frame braces. Place one washer on the bolt, pass the bolt through both sets of top frame holes. Place the second washer and the nut on the bolt. **HAND TIGHTEN**.



7. Turn the 2nd starter panel on edge as shown. **HAND TIGHTEN** the starter bolts into the starter panel barrel inserts.



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

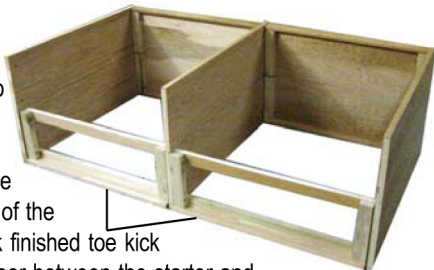
9.

Once the top frame is aligned (see 8.) 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 washers "bite" hard into the frame brace.

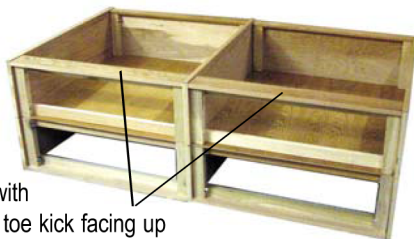


10-11.

Take two bottom frames and place the face of the solid oak finished toe kick on the floor between the starter and adder panels as shown. Pass the starter bolts through the bottom frame holes into the starter panels. HAND TIGHTEN. Pass the longer adder bolts with one washer through both bottom frame holes. Place the washers and nuts on the adder bolts. HAND TIGHTEN ONLY. *Note: All top frame bolts should be wrench tightened before proceeding.*



14. Take two more bottom frames and place between the starter and adder panels with the face of the toe kick facing up as shown. Pass the starter bolts through the bottom frame holes into the starter panels. HAND TIGHTEN. Pass the longer adder bolts with one washer through both sets of bottom frame holes. Place the washers and nuts on the adder bolts. HAND TIGHTEN. Once all bolts are hand tightened, wrench tighten all bottom frame bolts. DO NOT over tighten the starter panel bolts. Adder panel bolts should be tightened until the washers "bite" hard into the frame brace.



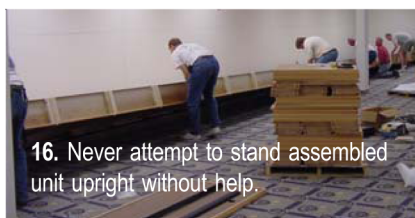
12-13. Turn 1/4" T veneer plywood partition so that the "cathedrals" are pointing up. Carefully slide the partition into the grooves machined into the starter and adder panels. Panel must slide into the corresponding grooves in the top panel.



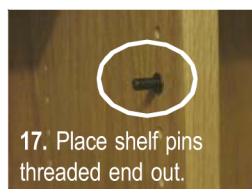
15. Before standing the unit upright, place wood screws as shown in BOTH sections and tighten. Note:



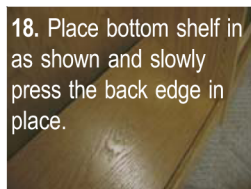
Partition must be pushed all the way into the groove in the underside of the top frame before fastening the partition to the bottom frame.



16. Never attempt to stand assembled unit upright without help.



17. Place shelf pins threaded end out.



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



19. Place remaining shelves in place as desired.