

## INSTRUCTIONS TO BUILD CHAIR

### MATERIALS REQUIRED:

- 2 – Part A – Arm – 2" x 4" x 21"
- 4 – Part B – Leg – 2" x 4" x 28"
- 2 – Part C – Side Support – 2" x 4" x 14"
- 1 – Part D – Seat Front – 2" x 4" x 18 ½"
- 2 – Part E – Seat Side – 2" x 4" x 19 ½"
- 1 – Part F – Seat Back – 2" x 4" x 15 ½"
- 4 – Part G – Seat Slat – 1" x 6" x 18 ½"
- 2 – Part H – Back Support – 2" x 4" x 14 ½"
- 3 – Part I – Back Slat – 1" x 6" x 18 ½"
- 22 - Screws – 2 ½"
- 16 – Screws – 4"
- 42 – 6d Nails

### ASSEMBLY INSTRUCTIONS

Though not required, when doing any assembly using large or angled/toe-nailed screws, the assembly is much easier if appropriate sized pilot holes are drilled before installing the screws. This is especially true in regard to the wood that the screw will enter first.

#### ASSEMBLE SIDES – See Figure 1

1. Place 1 Arm A and 1 Leg B flat on a level surface in correct position. Attach the angled ends using 2 - 4" screws. One screw should be driven through the edge of Arm A into the angled end of Leg B, and the other into the edge of Leg B and into Arm A as shown in Figure 1.

*NOTE: Try to avoid the second screw hitting the first screw by placing the screws slightly off center of the edge of the wood.*

2. Using the same attachment method, attach another Leg B to the same Arm A.
3. Measure 7" up from the bottom of each leg and mark that location. Using 1 - 4" screw, toe-nail Side Support C into the front and rear legs.

*Note: When toe-nailing, first start the screws into Side Support C before trying to make the actual connection. The screws should be placed in the bottom edge of the Side Support C.*

4. Assemble the remaining side following the same steps above.

**ASSEMBLE SEAT FRAME** – See Figure 2, a top view. *Note the placement of each part.*

1. Be sure that Seat Frame Parts D, E, and F are placed in the correct order for assembly as shown in Figure 2. Measure each part to confirm the name and location of that part.
2. Using 2 - 2 ½" screws on each corner, attach Seat Sides E to Seat Back F. The screws should go through the face of the Seat Side and into the end of the Seat Back.
3. Again using 2 - 2 ½" screws per corner, attach Seat Front D to Sides E.

### **ASSEMBLE SEAT – See Figure 3**

1. Seat Frame should be 14 ½” from bottom of sides. Measure and mark the sides to indicate the proper location for the seat frame.
2. Attach one Side to Seat Frame using 1 - 4” screw through the face of the Side/Leg and into the center of the end of Seat Front D as shown in Figure 3.
3. Complete the attachment using 2 - 2 ½” screws through the face of each Side/Leg in the position shown on Figure 3 so that the screw is driven into the face of the Seat Side Part E of the seat frame.
4. Place the 4 Seat Slats G to the Seat Frame as shown in Figure 4. The Slats should overhang both the front and back of the Seat Frame by about ½”. Attach the Slats using 3 - 6d nails in each end of each Slat.

### **ASSEMBLE SEAT BACK – See Figure 4**

1. Attach the 3 Slats I to the Back Supports H. Place the Back Supports H on a level surface with the longest edge up. The Slat on the end with the angle cut should be even with the longest edge of Back Support H as shown in Figure 4. The ends of each Slat must be flush with the outer edge of the Back Support.
2. Attach each Slat with 6d nails, using 3 nails in the end of each Slat.

## **FINAL ASSEMBLY – See Figure 4**

1. The completed Seat Back must be attached to the seat base. As shown in Figure 4, the Seat Back rests between the seat sides with the angled ends of the Back Supports resting on the seat.
2. Holding the Seat Back in position, attach the Sides/Arms to the Back Supports with 3 – 2 ½” screws driven through the face of each Side and into the Back Supports.

The chair is now ready to sand and finish with paint or stain as desired.

Figure 1

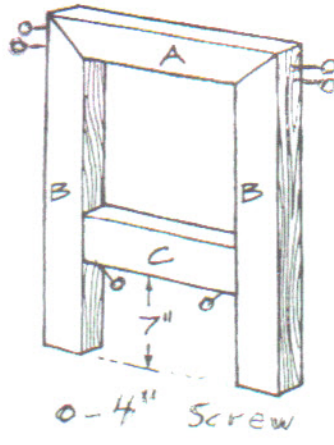
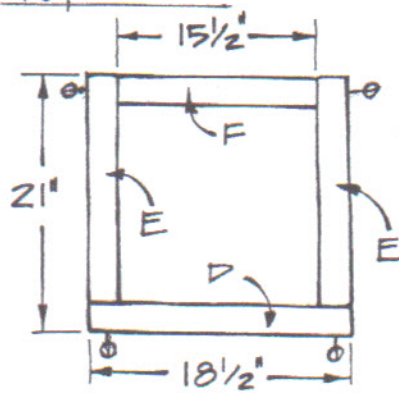


Figure 2 Top View



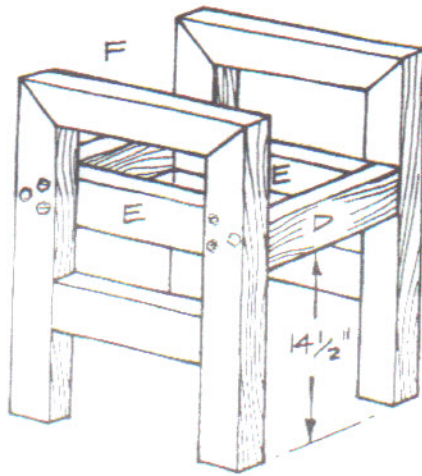
Front View



⊙ - 2 1/2" Screw

Figure 3

0-4" Screw  
0-2 1/2" Screw



Back support & slat view to show where to  
line up the slats

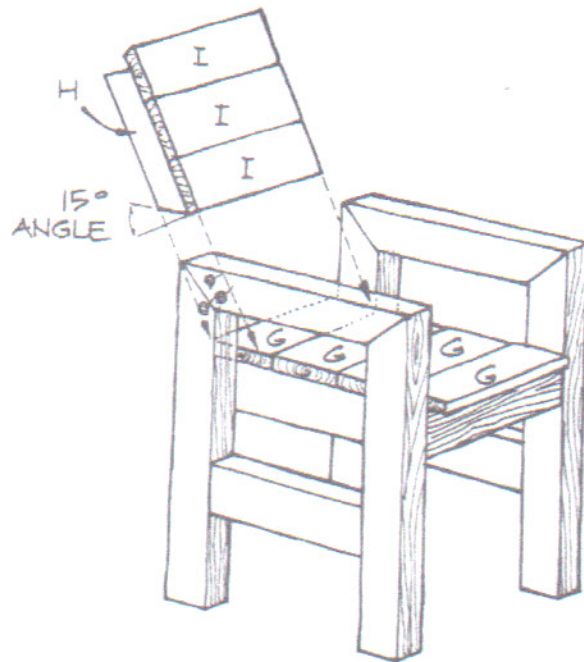
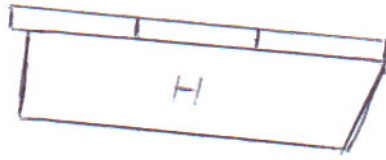


Figure 4  
Final Assembly

● - 2 1/2" Screw