

The Barley Harvest

Woodworking Plans

Thank you for purchasing plans for the Adirondack Settee Kit. I hope you enjoy building this project, and using it. These close-ups may help you follow the plans and complete the project. Click on the pictures for larger images. Remember, this is a kit only, and compliments the full size Adult Adirondack Chair plans. You will need to build 2 complete chairs, except for one set of arms. The kit joins the 2 chairs together as one settee, so if you already have two chairs built, simply remove the inside arms, parts G, and add the settee kit to join them. If you have purchased the downloadable kit, you will have to transfer the drawings square-by-square, onto 1" x 1" graph paper, that you have made yourself, or purchased at Staples Business Depot or a similar business supply store.



1 - Assemble 2 chairs to the point where the basic carcass is formed, plus arm supports F, and the outside arms. The opposite picture shows the joiner pieces in place already.



2 - Cut part **S1**, the front joiner strip, to **1 3/4" x 52 5/8"** (4.5cm x 133.5cm). Plane the edges, sand and attach with one screw into the 4 front legs D. Drill pilot holes for the outside screws, since they will be close to the ends. Be sure that the ends of S1 are flush with outside edges of the front legs, and tight to the **undersides** of sides A, as shown.



3 - Cut part **S2**, the back joiner strip, to **1 7/8" x 50 1/8"** (4.8cm x 127.3cm). Temporarily put in place on **top** of side panels A, and check for level between S1 and S2, front to back. If not level, you will have to plane S2 thinner or cut a wider piece. Plane the edges, sand and attach with one screw into the 4 back supports E, being sure that it rests flush with the outside edges of E, as shown. Drill pilot holes for the outside screws, since they will be close to the ends.



4 - Cut part **S3** to **2 5/8" x 13 3/4"** (6.7cm x 34.9cm), and clamp behind arm supports F, flush with the tops. Attach with 2 screws in each end, through parts D, the arm supports.



5 - Cut part **S4** to **2 5/8" x 17"** (6.7cm x 43.2cm), and clamp centered between back supports E, 20" from the ground, like the outer arms, parts G. Attach with 2 screws in each end, through parts E.



6 - Enlarge the template drawings to 1 square = 1" (2.54cm x 2.54cm), and cut out **S8**, **S9** and **S10**. These parts match the chair. **S8** and **S10** should measure 2 5/8" wide like part C on the chair plans. **S9** is the same width as the seat slats, parts N at 1 3/4" Glue them onto hardboard for permanent templates. You will need two of **S8** and **S9**, and one of **S10**. Transfer the patterns to your final stock, plane the edges and sand smooth. Temporarily align the slats with the front slats of each chair as shown. After the upper slats are in place, they can be screwed down.



7 - Cut out template drawings **S5**, **S6** and **S7**. Again, parts **S6** and **S7** are proportionate widths to **S9** and **S10**. Glue them onto hardboard for permanent templates. Transfer them to the final stock, plane the flat edges, and drum sand the curved edges of arm parts **S5**. Attach the two **S5** parts to the cross supports as you would with the regular arms G, leaving a 1/2" overlap. Place parts **S6** and **S7** evenly between parts **S5**, being sure that the spaces are even front to back. Screw the parts in place into the arm supports. Use 2 screws into the front and back supports for parts **S5**, and one in the other pieces..



8 - Using an adjustable square, or plum line, line up the lower slats with the upper slats, and screw in place with one screw into the front and back joiner strips. The back curve should line up with the upper shelf curve, but the front lower shelf does sit out further than the upper shelf.



9 - Assemble the balance of parts for each chair according to the Adult Adirondack instructions. If you have purchased a 7' or 8' market umbrella for your settee, drill a hole slightly larger than the umbrella shaft, 11 1/2" (29.2cm) from the front of part S5. Place the shaft through the hole to part S10. Using a level, mark the hole diameter and drill a corresponding hole. Finish your settee to match your other chairs, and sit back and relax!!!

Good building and thanks again,

Phil Barley

The Barley Harvest



www.plansinwood.com

