

OLD ADIRONDACK™ Inc.

Natural Cedar Furniture

SPECIAL ASSEMBLY NOTES:

Note: during shipment, cedar may expand or contract, which may make assembly more difficult.

- When adding the arms, put the front arm dowel into the chair back first. Then, ease the arm support dowel into the chair seat hole by gently pressing against the arm support until it all fits together.
- When inserting the rockers, also be sure to put rockers on back legs before easing it onto front legs.



NOTE: WHITE CEDAR

Northern White Cedar is one of nature's most unusual woods. Because most cedar grows near swampy water basins, it has a slow rate of decay and a natural resiliency to rot and disease.

As it continues to dry and cure, Northern White Cedar normally will check or develop the cracks that help create the wood's natural character. Also, while it continues to dry, Northern White Cedar's natural wood oils may develop a dust on the surface of the wood, which is the crystallization of the wood oils. These are normal and natural processes in cedar and in no way affect the strength or durability of the furniture. This dust can be easily removed with a dry cloth.

Occasionally, cedar will warp slightly during transportation, but usually the warp goes away once the furniture has been assembled.

#21-24-24FB-27-28-133 Chairs & Settees

Hand crafted in the USA

Thank you for purchasing your OLD ADIRONDACK™ furniture

OLD ADIRONDACK™ Inc. uses Northern White Cedar from the Adirondack Mountains that is carefully selected, harvested, and shaped. Fresh pale tan or light gold cedar has an odor that acts as a mild insect repellent and turns to a gray color over time. Water based or oil stains will delay the weathering process and latex paint coats evenly and lets the wood breathe. We ship it in its natural color. Some minor assembly is required for this product.

PLEASE READ ALL INSTRUCTIONS CAREFULLY BEFORE ASSEMBLY

Tools and Parts

Required Tools:

Hammer



Phillips Screwdriver



Tape Measure



Recommended Tools

Rubber Mallet



Nail Set



Damp Cloth/Rag



Included Parts:

1 - Seat
(styles vary)



1 - Back
(styles vary)



2 - Connectors
(with drilled holes)



2 Spreaders
(lengths vary)
(NO holes drilled)



2 - Front Legs (long)



2 - Back Legs (short)



2 - Rockers (for 24/24FB/27 only)



2 - Arms with one flat side
(not for Armless Chairs)



2 - Arm Supports
(not for Armless Chairs)



2 - Armless Chair Supports
(for Armless Chairs)



Included Hardware:

1 - Waterproof Glue



1 - Tapping board



16 - 1 1/4" Nails
4 - 1 1/4" Nails (for Spreader Assembly)



4 - 2 1/2" Screws (for Rockers)



4 - 1 1/4" Nails (for Arms)



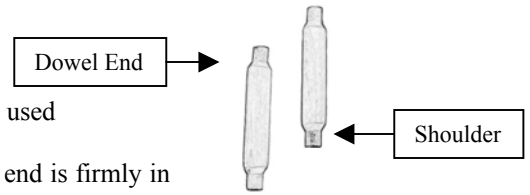
4 - 2" Screws (for Armless Chairs)



Facts and Suggestions for your cedar furniture

General

- Read each step carefully before starting and make sure each step of instruction is performed in the correct order.
- Work in a spacious area, and note that the shipping box may be used as a work surface after removing all staples.
- When inserting dowel ends into holes, lightly tap until the dowel end is firmly in place and to its “shoulder” in the hole.



Gluing

- At each step, assemble first without glue to minimize mistakes. Assemble in an area above 65°F; the glue performs poorly in colder temperatures. The glue provided is *Titebond II* waterproof wood glue.
- Gluing is important and should not be substituted for nailing only; nails act as support while the glue sets. Using too much glue is better than not using enough; wipe excess with a damp cloth. Allow glue to dry for 24 hours before moving furniture.

Screwing, Hammering and Nailing

- If using a power screwdriver, be sure to set the clutch so to not set the screw too far into the wood.
- Eastern white cedar is a soft wood and may be damaged by striking it with a metal hammer, therefore use a rubber mallet OR a hammer with the included tapping board when securing dowels into holes.

Rubber Mallet

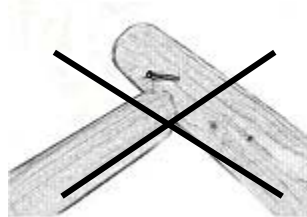


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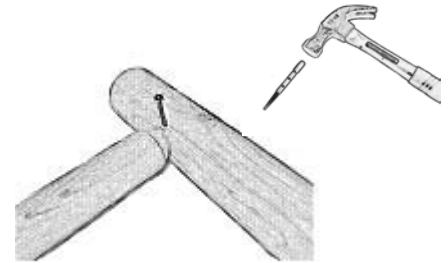


Hammer with Tapping Board

- Use a metal hammer and a nail set to avoid hitting the wood with the hammer. The nail should be positioned and angled in such a way that it will secure the dowel end into the hole inserted.



Too far away and angled incorrectly to meet dowel end inside the hole.



Angled correctly and close enough to secure the dowel end inside the hole.

Care and Maintenance

It is not necessary to finish or treat white cedar for outdoor use; it will slowly turn gray within 6-12 months and typically provides 15 - 25 years of outdoor service in its natural state. Sandpaper may be used on an unfinished product to smooth holes and remove stains or markings; we recommend 80-grit sandpaper for best results.

Appearance Options

You can achieve many different looks with white cedar all of which take advantage of its natural rot resistance and slight cracking. The provided tapping board may be used to sample finishing options.

- Clear oil or solvent-based wood preservatives and treatments can be used if you desire to hold to the original new milled wood appearance. This technique will require reapplication every 1-2 years.
- Gray transparent stains are available that duplicate the weathered cedar look immediately revealing the character of the wood.
- Semi-transparent stains in either oil or latex base can make the cedar appear to look like teak or oak etc. depending on the stain's color or they can introduce a washed color look. The grain of the wood and knots will be visible with this approach

- Opaque stains in either oil or latex base generate a painted look. A priming coat is beneficial, and multiple coats may be necessary to obtain total coverage.
- To obtain an antique look, begin by using opaque dark brown/gray stain with dense coverage. Then use other opaque color stains on top of the dark color to provide the desired color. Finally, sand and make wear spots on the finish color to allow the dark color to be seen creating the shabby “chiq” look.

When you use glue be sure to clean any excess glue off with water as quickly as possible. If glue dries before getting cleaned off, you can lightly sand it off.

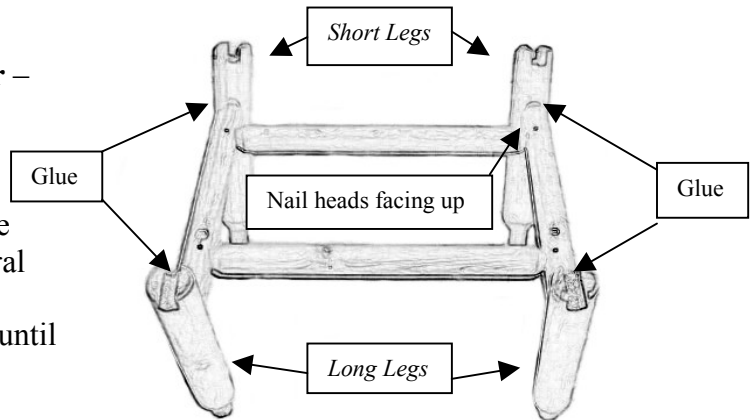


Assembly

Step 1: Assemble Spreader –

Apply Glue to the inside drilled tenon holes of the Connectors.

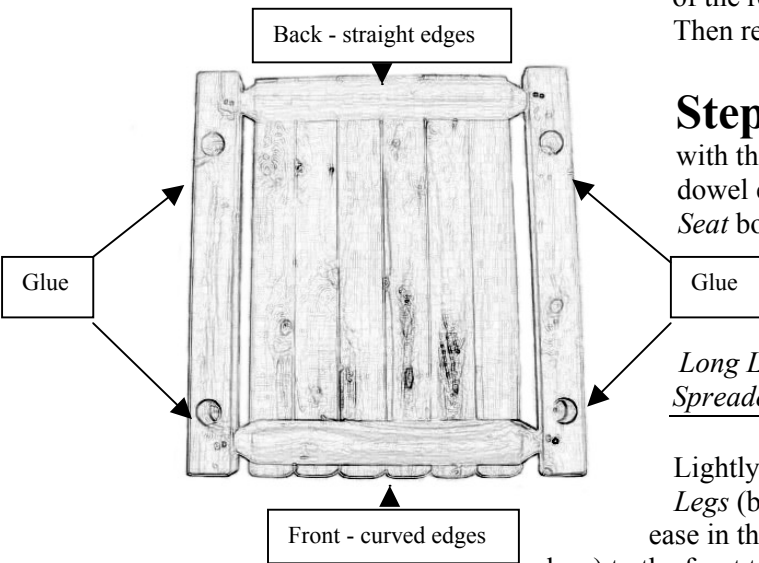
Insert the tenon ends of the Spreader(s) into the Connector holes. Clean up any excess Glue. The Spreader will look like a sideways Roman Numeral “I” or “II”. Go immediately to Step 2, so that the Glue does not dry too soon. Do NOT put in nails until after assembly is complete.



Step 2:

Turn the *Spreader Assembly* so that the factory placed nail heads are facing up and the dowel tenon ends are pointing front and back. Set the provided waterproof glue in the holes of the *Short* and *Long Legs* and on the dowel tenon ends of the *Spreader Assembly*. Place the *Legs* on the *Spreader Assembly* with the *Short Legs* to the rear, the *Long Legs* to the front, and with the dowel tenon ends of all *Legs* facing down.

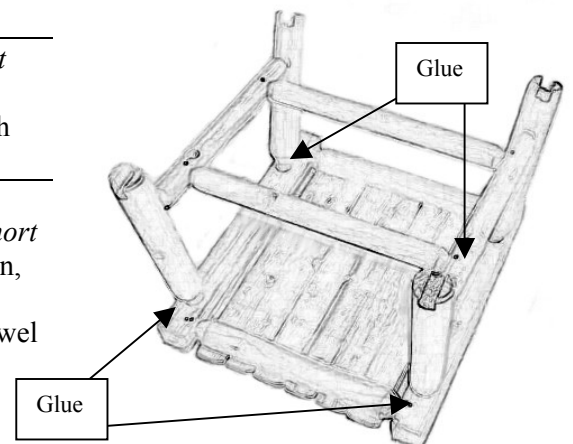
If the model is a rocker, double-check that the rockers fit into the notches of the legs with the shorter side of the rocker to the front. Adjust legs if needed so rockers fit. Then remove the rockers; they are not added until later.



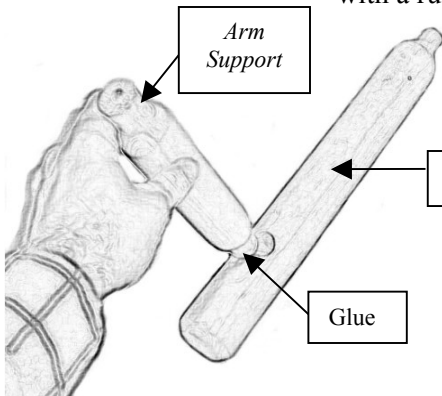
Step 3: Place the *Seat* upside down onto the work surface with the front facing you. Apply glue in the holes and on the dowel ends of the *Legs*. Insert the *Legs* into the holes of the *Seat* bottom.

Remember, *Short Legs* to the rear, *Long Legs* to the front with *Spreader* nail heads up.

Lightly tap down on the *Short Legs* (back legs) first. Then, ease in the *Long Legs* (front legs) to the front to secure the *Leg* dowel ends into the *Seat* bottom holes with a rubber mallet or a hammer and tapping board.



Step 4: Turn the rocker over and place the *Legs* on the floor.
Important: Level the *Legs* by lightly tapping the *Seat* frame over the *Legs* with a rubber mallet or a hammer and tapping board.

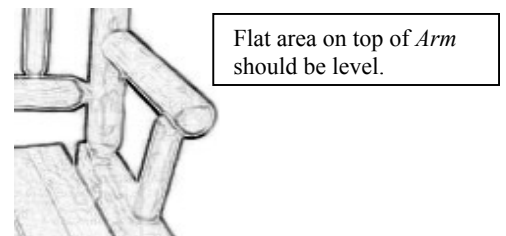
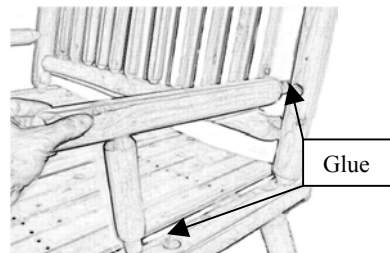
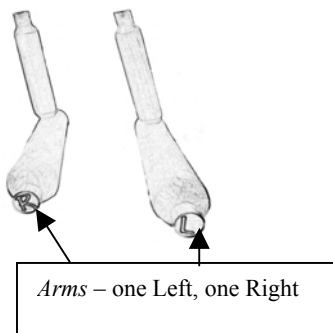


Step 5: (ONLY for Arms)

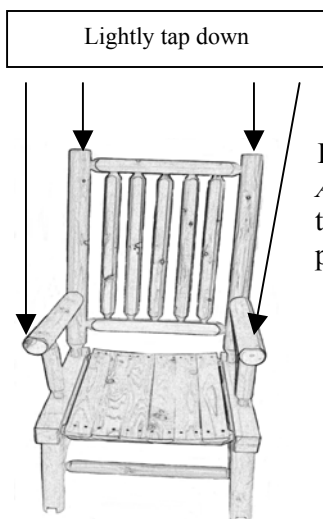
Put glue in the holes of the *Arms* and on the dowel ends of the *Arm Supports* and place the *Arm Supports* into the bottom of the *Arms*.

Step 6: (ONLY for Arms)

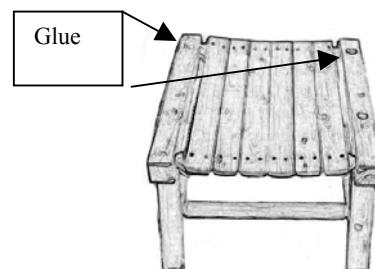
Arms – one left, one right – should be positioned so the flat area is level when assembled and *Arms* are angled outward slightly. Put *Glue* on the dowel end of the *Arm* and on the *Arm Support* attached to that *Arm*. Also put glue into the center *Seat* hole and on the *Back* where your arm would be if you were sitting. Put the dowel end of the *Arm* into the *Back* hole. Ease the dowel end of the *Arm Support* into the *Seat*, applying light pressure on the *Arm* to move the dowel into the hole (Note: there is often 1—1-1/2” space, which is normal). The *Arm* should angle slightly outward. Do not use the mallet until dowel ends are completely aligned in holes. Repeat for the other side.



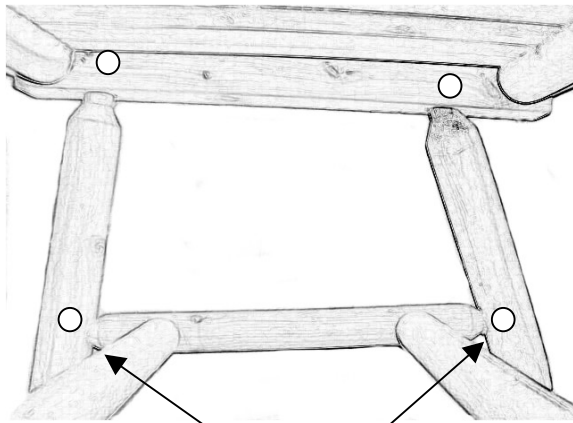
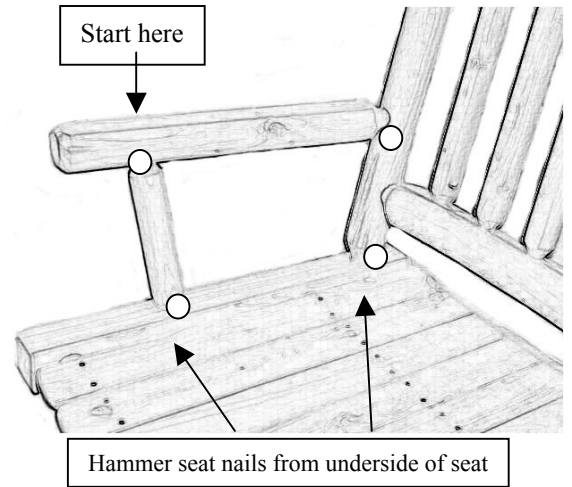
Arms angle slightly outward



Step 7: Apply glue in *Seat* dowel holes. If assembling a *Rocker* with *Arms*, align the *Arm Support* dowels in the front holes of the *Seat*. Make sure all dowels are lined up with the holes. Align as needed as you tap the dowels in. Lightly tap down on the *Back* posts (and the *Arms* if assembling a *Rocker* with *Arms*), alternating between the four holes, until all dowels are set in place. Once they are all set, you can go back and seat the dowels in further to secure them in place.



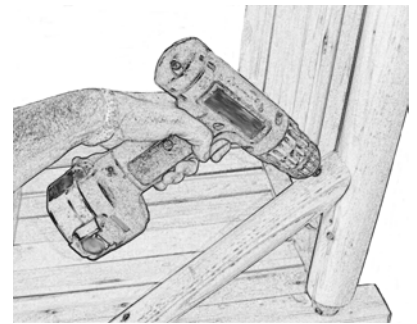
Step 8: Secure all glued joints on the inside of the item (shown with circles) with the nails provided beginning with the *Arm to Arm Support* joint. Lightly hammer nails from the underside of seat or the back so nail heads do not show from the outside. The nails should be inserted about 1" away from tenon so that the nail will go through the tenon. Don't hammer too hard so you don't stress or crack the wood. Avoid hitting the wood with the hammer. Using a nail set may help. Repeat for the left side. Use a damp cloth to remove excess sawdust and glue from the rocker.



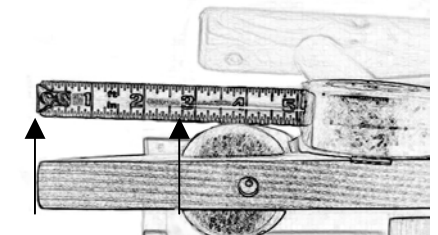
Nail placements

Step 9: (For Armless Chairs)

Align the *Armless Chair Support* on the side of the chair, fitting the curved end of the *Support* against the *Chair Back* and the flat end of the *Support* against the *Chair Seat*. Drill the *Support* to the *Chair Back* and *Chair Seat* using 2" screws in the pre-drilled holes of the *Supports*. Repeat for the other side.

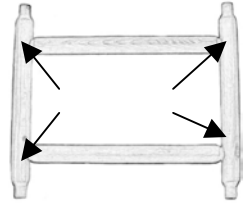


Step 10 (Only for Rockers): Turn the rocker on its right side so that the left legs are not touching the ground and insert a *Rocker* into the rocker slots of the left legs. **Be sure to put the rocker on in the notch of the *Back Leg* first, and then ease it into the notch of the *Front Leg*.** No glue is required for this step. Measure the front end of the *Rocker* so that the edge is 2 3/4" from the front edge of the *Front Leg*. Place supplied screws in front and back pre-drilled holes of *Rocker* to secure it in place. Repeat for right side.



2 3/4" from front *Rocker* edge to *Front Leg* edge

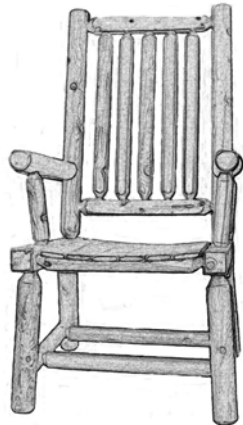
Step 11: Use the 1-1/4" nails to secure the *Spreader Assembly* after all assembly is completed. This is to allow for any required adjustment to the *Spreader* during other steps in the assembly. Insert the *Nails* from the inside of the *Spreader* as shown, making sure the *Nail* goes into the tenon end to hold the *Spreader Assembly* in the right position through drying.



Allow 24 hours for glue to dry before moving or using your chair or settee.
ENJOY!

Other Hearth & Porch Products

#21 High Back Chair



#27 Rocker Settee



#28 -Settee



#12 - Small Bench



Five (5) Year Limited Warranty

All of **OLD ADIRONDACK's** Furniture comes with a manufacturer's five (5) year limited warranty. If any piece of furniture is proved to be defective by reason of improper workmanship and/or material we will replace, at our discretion, that part or the whole product at no charge to you or your customer. To obtain warranty service, either the consumer or the dealer must deliver the part in question or the entire product to the address below at their expense. A copy of the original sales receipt is appreciated when requesting warranty work. This warranty does not cover defects caused by: modification, alteration or repair of the enclosed product by anyone other than **OLD ADIRONDACK™ Inc.** This warranty also does not cover return shipment of the product to Old Adirondack. Write to Old Adirondack, PO BOX 663, Willsboro, NY 12996 or call at 800-342-3373 to obtain answers to any questions regarding this warranty.

OLD ADIRONDACK™ Inc. Products

Adirondack

#66 Adirondack Chair
#66S Adirondack Chair with Shelf
#80 Folding Adirondack Chair
#80C Child's Adirondack Chair
#82 Adirondack Footrest
#95 Adirondack End Table
#198 Curved Back Folding Adirondack Chair
#280 Adirondack Settee
#281 Adirondack Glider
#398 deStijl Adirondack Chair
#398C Child's deStijl Adirondack Chair
#801 Adirondack Rocker
#901 Curved Back Adirondack Rocker

Hearth & Porch

#24 Rocker
#24FB Flag Rocker
#27 Rocker Settee
#28 Settee
#55 Porch Swing
#GP Grilling Planks (S/L)

Garden

#120 Garden Chair (spindles/slat back/pattern)
#121 Garden Bench (spindles/slat back/pattern)
#122 Small Garden Table (regular/pattern)
#124 Square Table (regular/pattern with opt. Shelf)

Garden Accessories

#40 Potting Bench
#42 Planter Box
#43/43A Planter Set (with opt. Accessory Set)
#44 Planter Extension Kit
#39 Tree Bench(36"/24")
#39B Tree Bench Back (36"/24", regular/slat back)
#440 Garden Arbor
#445/445X Pergola/Extension
#447TM Adjustable Arbor

Pets

#500 Dog Beds (S/M/L with Green/Blue Mattress)
#540 Dog Feeder (S/L/Tall)

Living

#21 High Back Chair
#22 Footrest
#103/4/5 Bookcase (S/M/L with opt. Connectors)
#125TA Sofa Table
#201 Cushioned Chair
#202 Cushioned Loveseat
#203 Cushioned Sofa

Dining

#12 Small Bench
#18 Round Table, 48" (regular/umbrella)
#51 Square Table, 36"
#86 Side Chair
#131 Long Bench
#132 Rectangular Table
#133 Dining Chair (spindles/slat back, opt. Armless)

Bedroom

#170/171 Slat Back Pattern Bed (T/D/Q/K, canopies)
#180/181 Slat Back Bed (T/D/Q/K, canopies)
#190/191 Slat Back Sleigh Bed (T/D/Q/K, canopies)
#270B Daybed
#270/271 Straight Spindle Bed (T/D/Q/K, canopies)
#370/371 Pattern Bed (T/D/Q/K, canopies)
#375/376 "T" Pattern Bed (T/D/Q/K, canopies)
#470/471 Rustic Pattern Bed (T/D/Q/K, canopies)
#970 Straight Spindle Headboard Only (T/D/Q/K)
#975 Pattern Headboard Only (T/D/Q/K)
#71 Nightstand with 1 Drawer and 1 Shelf
#712 Nightstand with 2 Shelves
#72 Dresser – 3 Drawer
#721 Dresser – 1 Drawer and 1 Shelf
#722 Dresser – 6 Drawer
#73 Dresser – 5 Drawer
#77 Quilt Ladder
#78 Bed Bench
#79/79T Mirror (regular/pattern)

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