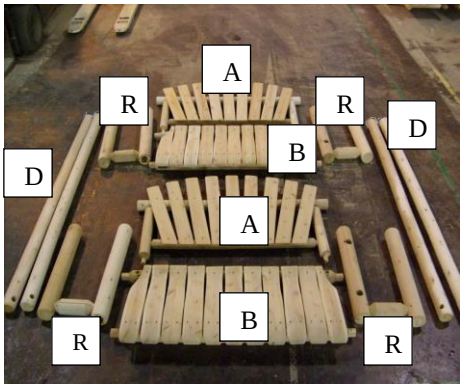
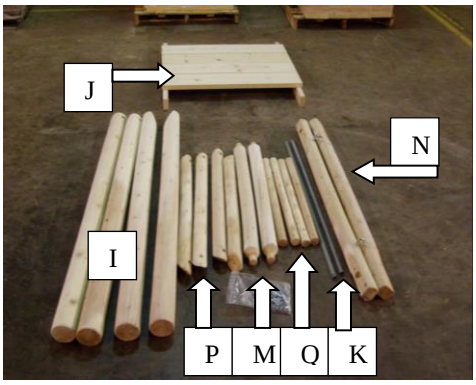
M-200 Double Glider Flat Pack
Assembly Instructions

NOTE: Check contents and read directions carefully before assembly. Report missing or damaged items to ***Moon Valley customer service at 313-766-4950.*** Cracking or checking logs is a *natural* part of the drying process of cedar and *does not affect the structural integrity of the wood*.

Double Glider Components



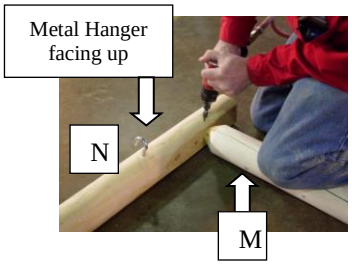
(2) Pre-Assembled Seat Backs (**A**)
(2) Pre-Assembled Seats Bottoms (**B**)
(4) Arm Assemblies (**R**)
(4) Swing Hangers (**D**)
(2) Doweled Top Poles (**M**)
(2) Top Poles w/Metal Hooks (**N**)
(4) 44" Angle Braces (**P**)
(4) 35" Angle Braces (**Q**)
(4) Swing Frame Legs (**I**)
(1) Glider Platform (**J**)- Assembly Instructions Attached
(2) Galvanized Metal Platform Support Pipes (**K**)



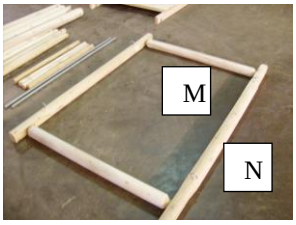
Hardware (See attached sheet)
(4) 6" x 3/8" Machine Bolts (**C**)
(12) 5" Lag Bolts (**F**)
(12) 4" Lag Bolts (**G**)
(20) 5/16" Washers (**U**)
(4) 3/8" Nuts (**X**)
(16) 2 ½" Square-Head Screws (**O**)
(4) 3 ½" Lag Bolts (**H**)
(2) 4" x 1/4" Machine Bolts (**E**)
(20) 1/4" Washers (**W**)
(2) 1/4" Nuts (**Z**)
(4) Black Plastic Spacers (**L**)
(1) Square-Head Driver Bit

Tools Needed: Rubber Mallet, Drill/Screwdriver, Ratchet w/ 9/16", ½", and 7/16" Sockets, Wrench, Tape Measure, Pencil

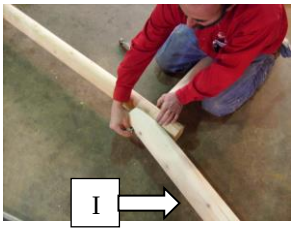
Section 1: Frame Assembly



Step 1: Insert tenons of 51" top frame poles (**M**) into the pre-drilled holes in the 72" top frame poles (**N**). *Be sure metal hooks are facing up like in photo.* Fully seat using rubber mallet and secure with 2" screws from top frame pole through tenons of 51" top frame poles. Repeat process to make rectangular frame (shown below).



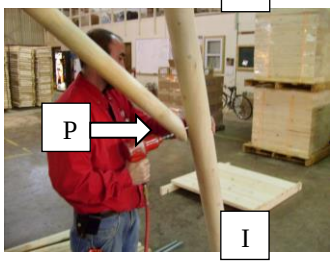
Step 2: Flip entire upper frame assembly over so metal hooks are facing the ground.



Attach angled leg end (**I**) to frame assembly using 6" machine bolt (**C**). Insert bolt from inside of top frame, pre-drilled hole, outward through leg pole, using 5/16" washer (**U**) on each side. Secure with 3/8" nut (**X**). *Note: Only tighten nuts (**X**) enough to allow frame to stand on its own.* Repeat process on remaining legs (**I**). Note, machine bolt should protrude from leg log allowing for optional canopy installation.

Step 3: Lift frame allowing it to stand freely (this may require a second person). Be sure nuts (**X**) are tightened enough to prevent frame from collapsing.

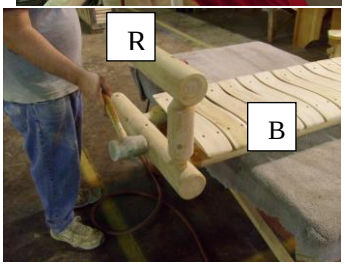
Step 4: Beginning with the long side of the top frame rectangle (log with metal hooks), locate and mark the center of this top log. Locate the machine bolt connecting leg (**C**), from this machine bolt, measure 29" down *inside* of leg (**I**) and mark (as shown). Repeat process on all legs.



Step 5: Locate and inspect the 44" angle brace (**P**) and note one end has a 45-degree angled end while opposite end has a 55-degree angled end, attach the end with the 55-degree angled end to inside of leg (I) using 5" lag bolt (**F**) and 5/16" washer through pre-drilled hole (as shown). Attach at the mark made in Step 4.

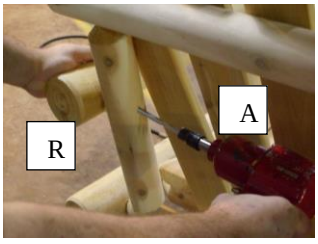
Step 6: Attach opposite end of angle brace (**P**) to top frame log (with metal hooks), so the end of the brace is just shy of the center point mark made in step 4. The ends of both braces should butt up at the center point. Fasten with a 3.5" lag bolt (**F**) and ¼" washer. ***Caution: Any lag bolt longer than 3.5" may protrude through the top log.*** Repeat process for remaining braces.

Section 2: Swing Seat Assembly

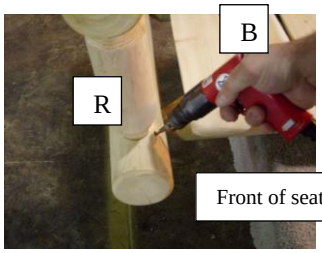


Step 7: Position and join swing seat assembly (**B**) with swing back assembly (**A**) using swing arm assembly (**R**) where tenons of seat assembly insert into the forward most two holes of swing arm assembly and single tenon of swing back assembly inserts into rear most hole of swing arm assembly. Fully seat lower arm in place using rubber mallet.

Step 8: Install remaining swing arm assembly to opposite side of swing seat. Fully seat arm into place.

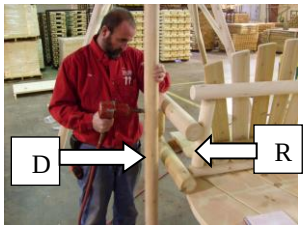


Step 9: Position seat back (**A**) with arm assembly (**R**) at the angle most comfortable for the user. Use the 3 1/2" lag bolt and washer (**H**) to secure the arms to the seat back (**A**) (as shown).

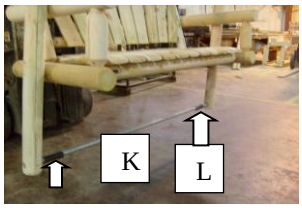


Step 10: Install 2 ½" screw (**O**) *where all tenons are inserted,* securing seat (**B**) and seat back (**A**) to arm assemblies (**F**).

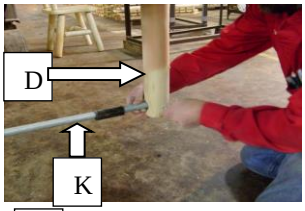
Photo shows front of seat (**B**), arm unit (**R**).



Step 11: Attach swing hangers (**D**) to arm assemblies (**R**) using 5" lag bolts and 5/16" washers (**F**). Align pre-drilled holes on swing hanger and fasten at pre-marked locations on upper and lower swing arms (11 ½" and 12 ½" from front of top and bottom arms).

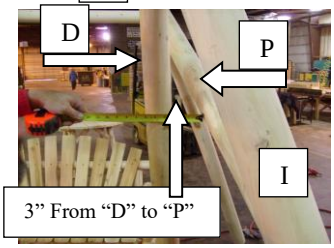


Step 12: Insert support pipe (K) into 1" pre-drilled hole in bottom of swing hanger (D). Slide two plastic spacers (**L**) onto each metal platform support pipe (**K**). Continue sliding metal support pipe through hanger and insert into second hanger on opposite side. *Be sure that pre-drilled hole in pipe (**K**) lines up with pre-drilled hole at bottom of swing hanger (**D**).*

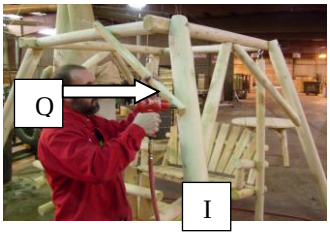


Step 13: Insert 4 1/4" machine bolt (**E**) through pre-drilled holes in swing hanger (**D**) and pipe (**K**). Use 1/4" washer on each side and secure with 1/4" nut. Repeat process on other swing seat. *Note: Use only one bolt for each seat assembly*

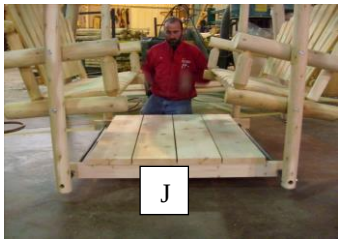
Section 3: Swing on Frame Assembly



Step 14: Hang swing seats inside of frame so that each seat assembly spans both top logs and utilizes a hook from one top log and the opposing hook on the opposite top log. A single seat assembly should not hang from a single top log. Next, measure 3" from swing hanger (**D**) to angle brace on frame (**P**). Adjust frame legs (**I**) to make sure this distance equals 3", and fully tighten 6" x 3/8" frame bolts (securing legs to frame).



Step 15: From top of leg (**I**), measure 22" down to *outside* of leg and mark. At this mark, use one 4" lag bolt (**G**) and ¼" washer through pre-drilled hole on 35" brace (**Q**), securing it to swing leg (**I**) (as shown). Secure opposite end of 35" brace to frame top pole with another 4" lag bolt and ¼" washer (**G**) at a location to maintain 3" spacing obtained in step 14.



Step 16: Set glider platform (**J**) onto support pipes (**K**). Be sure that plastic spacers (**L**) are placed between platform and swing hangers. ***Note: Black plastic pipe pieces are spacers to be placed between the wooden hanger and the platform 2 X 4, do not attempt to fit the spacers into the notches in the platform 2 X 4.***

Note: Extra hardware after assembly may indicate a problem. Double-check directions to ensure all hardware is installed correctly. If problem persists, please call Moon Valley customer service at 313-766-4950.

With Canopy (sold separately)

Without Canopy

Thank you for purchasing a Moon Valley Double Glider.
To purchase optional canopy kit, please contact us at 313-766-4950.

You can also visit us online at www.moonvalleyrustics.com.

Moon Valley Rustics
4658 South Custer Rd, Monroe, MI 48161
(313) 766-4950

Double Glider Platform Assembly Instructions

Material List:
(2) 52” 2x4
(4) 44” 2x10
(24) 3” screws

Place two 2” x 4” on a flat level surface 44 inches apart (outside of board to outside of board), parallel to each other, with the notches facing down.

Position 2” x 10” board 7 inches from the corner, perpendicular across the 2x4’s horizontally and flush with the outside edge. Attach using six of the 3” screws per board. Place the last three 2” x 10” boards approximately ¼ inch apart from each other horizontally in a row and fasten with 3” screws.