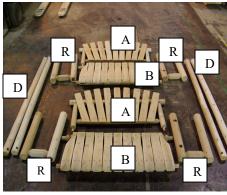
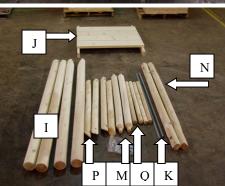


# M-200 Double Glider Assembly Instructions

NOTE: Please check contents and read directions carefully before assembly. If any items are missing or damaged, do not take the product back to the store. Call Moon Valley customer service at 313-766-4950 and we will correct the problem as promptly and as efficiently as possible. Also, checking or cracking of the logs is a natural part of the drying aspect of cedar. This does not affect the structural integrity of the wood. This natural occurrence enhances the rustic beauty of the product.

## **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 Hangers (N)
- (4) Angle Braces (P)
- (4) 35" Braces (**Q**)
- (4) Swing Frame Legs (I)
- (1) Glider Platform (J)- Assembly Instructions Attached
- (2) Galvanized Metal Platform Support Pipes (K)
- 7 3/4" x 3/8" Machine Bolts (C) See attached sheet
- 5" Lag Bolts(F) See attached sheet
- 4" Lag Bolts (G) See attached sheet
- 3/8" Washers (U) See attached sheet
- 3/8" Nuts (X) See attached sheet
- 2" Square-Head Screws (O) See attached sheet
- 3 1/2" Lag Bolts (H) See attached sheet
- 4" x 1/4" Machine Bolts (E) See attached sheet
- 1/4" Washers (W) See attached sheet
- 1/4" Nuts (**Z**) See attached sheet
- Plastic Spacers (L) See attached sheet
- Square-Head Screw Bit See attached sheet

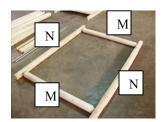
**Tools Required:** Rubber Mallet (or Hammer), Drill (or screwdriver) w/ Square-Head Bit, Ratchet with 9/16", 7/16", 11mm and ½" Sockets, Tape Measure.

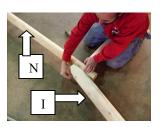
# Metal Hanger facing up

#### Section 1: Frame Assembly

<u>Step 1:</u> Insert doweled ends 51" top poles (**M**) into the pre-drilled holes on the 72" top poles (**N**) (w/ metal hangers). Be sure that metal hangers are facing up like in the photo. Attach these pieces together with one 2" screw (**O**) into each

insertion point (as shown). Repeat process to make square frame (shown below).





<u>Step 2:</u> Through the pre-drilled holes, attach angled end of each leg (I) to the assembled frame using 7 3/4" machine bolts (C) (as shown). Be sure to insert the bolt from the inside, using a 3/8" washer (U) on each side. Secure with 3/8" nuts (X). Note: Only tighten nuts (X) enough to allow frame to stand on its own. Do not fully tighten at this point. Repeat process on all remaining legs (I). Please note that the machine bolt will extend past the frame. This allows the option of a

canopy to be put on at a later time.



<u>Step 3:</u> 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:** From machine bolt (C), measure down 29" to the *inside* of the leg (I) and mark (as shown). Repeat process on all legs (I).



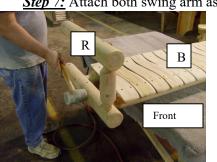
<u>Step 5:</u> Using this mark, attach 45 ½" angle braces (**P**) to inside of legs using 5" lag bolts (**F**) through pre-drilled holes (as shown). Note: angled ends of each brace will differ in degree, allowing for correct fit to legs and frame. Be sure to reverse each brace to ensure correct angle before attaching.



**Step 6:** Attach opposite end of angle brace (**P**) using 5" lag bolts (**F**) (as shown). Repeat process for remaining braces.

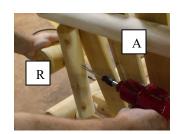
#### Section 2: Swing Seat Assembly

Step 7: Attach both swing arm assemblies (R) to swing seats (B). Make sure the side of the swing arm



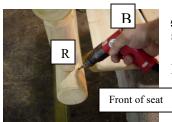
assembly is with the dowel is facing towards the front of the seat. Align the two doweled ends of swing seat (B) with the two holes in the swing arm assembly (R). Tap arms into place using rubber mallet or hammer. If using a hammer, be sure to pad impact area to avoid damage to the product.

<u>Step 8:</u> Attach pre-assembled seat back (A) to remaining holes at the rear of arm assemblies (R). Tap arms into place with rubber mallet or hammer.



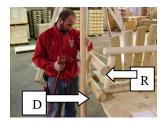
**Step 9:** Line up part (**A**) and part (**R**) at the angle most comfortable for the user. Use the 3 1/2" lag bolt and washer (**H**) to secure the arms to the seat back (**A**) (as shown).

Photo shows seat back (A)/arm unit (R)

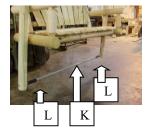


**Step 10:** Install 2" screw (**O**) where all doweled ends are inserted, securing seat (**B**) and seat back (**A**) to arm assemblies (**R**).

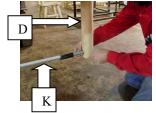
Photo shows front of seat (B)/arm unit (R)



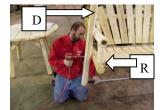
**Step 11:** Attach swing hangers (**D**) to arm assemblies (**R**) using 5" lag bolts and washer (**F**). Align pre-drilled holes on swing hanger (**D**) to swing arm assembly (**R**) at 11 ½" from front of log (**R**) making sure that metal hanger iron is facing up. Insert one lag bolt and washer (**F**) to *upper arm only* at this point.



<u>Step 12:</u> Slide two plastic spacers (**L**) onto each metal platform support pipe (**K**). Next, insert support pipe (**K**) into pre-drilled holes at bottom of swing hangers (**D**) (as shown). Be sure that pre-drilled hole in pipe (**K**) lines up with pre-drilled hole at bottom of swing hanger (**D**).

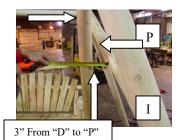


<u>Step 13:</u> Insert 4" x 1/4" machine bolt (E) through pre-drilled holes in swing hanger (D) and pipe (K). Use 1/4" washer on each side and secure with 1/4" nut. Repeat process on other swing seat.



<u>Step 14:</u> Use 5" lag bolts (**F**) to secure swing hangers (**D**) to bottom section of swing arms at  $12\sqrt[3]{4}$ " from front of log (**R**).

#### Section 3: Swing on Frame Assembly



<u>Step 15:</u> Hang swing seats inside of frame, each seat facing inward. 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  $6\frac{1}{2} \times 3/8$ " frame bolts (securing legs to frame).



**Step 16:** From top of leg (**I**), measure 22" down to *outside* of leg and mark. At this mark, use one 4" lag bolt (**G**) through pre-drilled hole on 35" brace (**Q**), securing it to swing leg (**I**) (as shown). Next, use another 4" lag bolt (**G**) to secure other end of brace to the frame, at any angle desired (as shown below).



<u>Step 17:</u> Set glider platform (J) onto support pipes (K). Be sure that plastic spacers (L) are placed between platform and swing hangers.

Note: if you have extra hardware left over after assembly, these may be a problem and your swing may not be safe to use. Double-check directions to ensure that all hardware is installed correctly and tightened. If the problem persists, please call Moon Valley customer service at 313-766-4950.





With Double Glider Canopy (sold separately)

Without Double Glider Canopy

Thank you for your Moon Valley purchase and we hope that you enjoy your Double Glider. To view other Moon Valley products, or to purchase a Double Glider Canopy, please contact your local dealer or visit us at <a href="https://www.moonvalleyrustics.com">www.moonvalleyrustics.com</a>.



Moon Valley Rustics
4658 South Custer Rd, Monroe, Mi 48162
Phone Number: (313) 766-4950 www.moonvalleyrustics.com
September 2017. Do not let children play with plastic bags.



# **Double Glider Platform Assembly Instructions**

### **Material List:**

(2) 52" 2x4

(4) 44" 2x10

(16) 2½ inch screws

Place the two 2x4 pieces on a flat level surface 44 inches apart (outside of board to outside of board) with the notches facing down.

Place one 2x10 boards 7 inches from the corner across the 2x4's horizontally and flush with the outside edge. Attach using four of the  $2\frac{1}{2}$  screws per board. Place the last three 2x10 boards approximately  $\frac{1}{4}$  inch apart from each other horizontally in a row and fasten with  $2\frac{1}{2}$  inch screws.