

Cedar Glider

(CG45U Unassembled Kit)

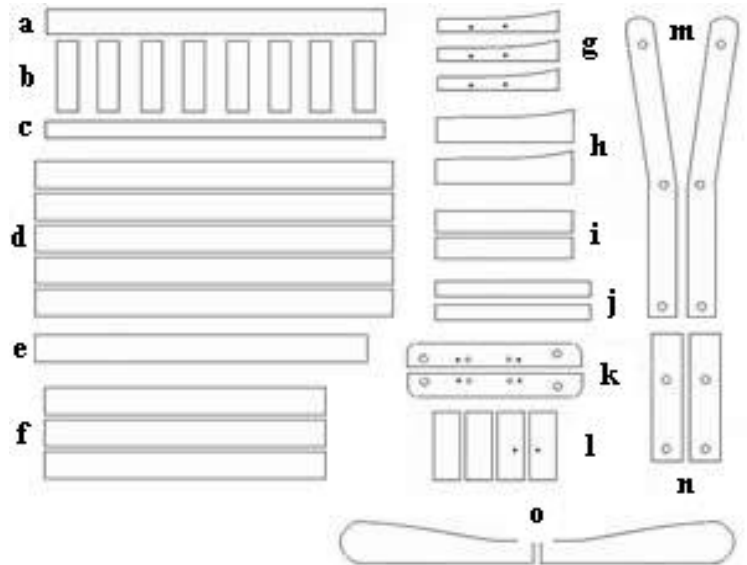
Tools Required #2 Philips driver, a Flat screwdriver, ½ " wrench, wood glue and a hammer.

Before Assembly: check all components with content list and **dry fit the parts together** before gluing.

(NOTE: after dry-fit, wood glue must be used on all dowel joints)

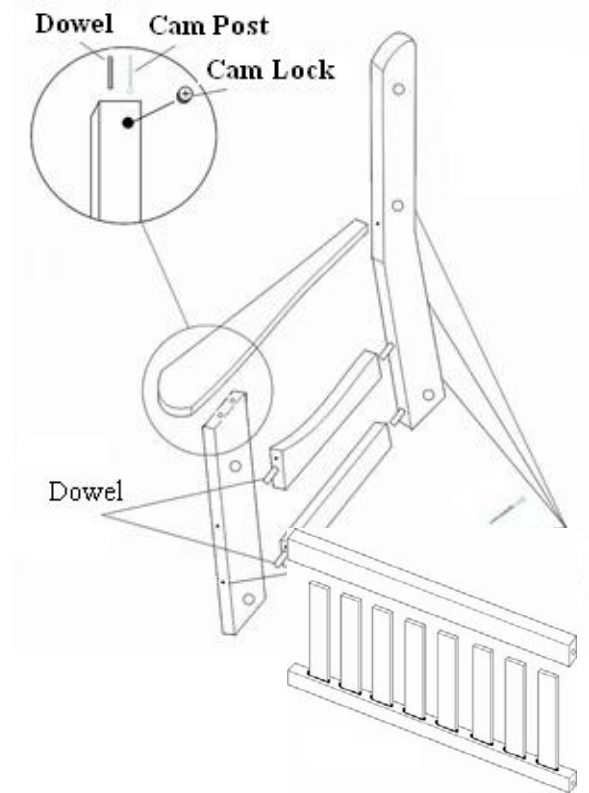
Package Contents:

	Hanger...4
	Dowel...26
(a) Top Rail.....1	
(b) Back Slat.....8	2" Connector Bolt ...6
(c) Bottom Rail...1	2 ½" Carriage Bolt...8
(d) Seat Slat...5	Washer...8
(e) Front Rail...1	Hex nut...8
(f) Frame X-member...3	Lock Nut.... 8
(g) Seat Cleat...3	
(h) Top Leg Brace...2	4" Zinc Screw...18
(i) Bottom Leg Brace...2	2 1/2" Zinc Screw...6
(j) Frame Brace...2	2" Zinc Screw...19
(k) Frame Cap...2	
(l) Frame Post (A)...2	Cam Lock...2
- Frame Post (B)...1	Cam Insert...2
- Frame Post (C)...1	Cam Pin...2
(m) Back Leg...2	Wood Spacer...2
(n) Front Leg...2	
(o) Arms...2	



Step 1. Build Leg Assembly

- Lay front and back leg onto side with dowel holes facing each other.
- Position top and bottom leg brace between them. Insert dowels and fasten together using 4 inch screws.
- Tap plastic cam insert into the rear dowel hole in the arm. Thread cam post into cam insert and tighten.
- Apply glue in and around front dowel hole in arm and front leg and insert dowel. Place arm on top of front leg and with arrow in up position insert cam lock into rear hole of leg.
- Turn cam lock clockwise ½ a turn until the arrow is at the down position. Align rear arm with pre-drilled hole in the back leg and attach with a 4 inch screw.
- Repeat this step for the other Side and allow the wood glue to dry.

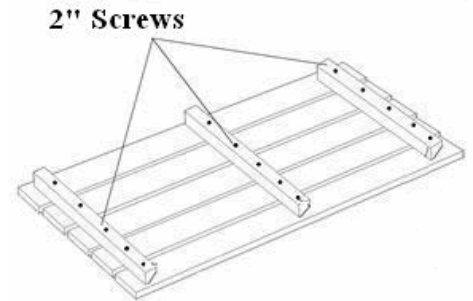


Step 2. Build Back

- Position top and lower rail with dado slots facing each other.
- Apply a small drop of glue down the side of each slot. (optional)
- Insert back slats into the lower Rail (narrow) then fit top rail onto open end of back slats.

Step 3. Build Seat

- Set out seat slats finished side down, use spacer to attain uniform distance between slats.
- Using width of the same spacer position cleat 1 inch in from edge of slats.
- Apply a generous helping of glue and **attach cleats curve face down** using 2 inch screws.
- In the same fashion as above attach a third cleat across the center of the boards.
- Apply adequate driver force to sink the screw head by about 1/8 inch and draw the seat boards firmly against the cleats to ensure a tight join.



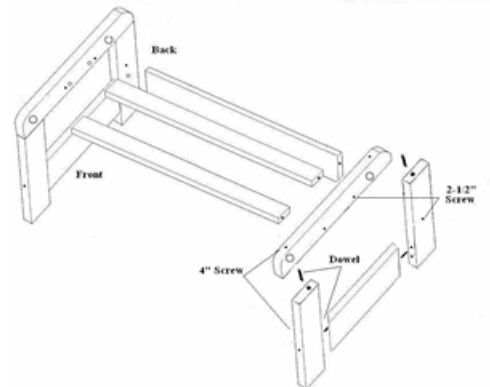
Step 4. Assemble Bench

- Place seat rail between 2 front legs and attach using connector bolts.
- Place back slat assembly between 2 rear legs and attach using connector bolts.
- Insert seat assembly between sides and attach from beneath using 2 inch screws



Step 5. Build Base

- Locate frame posts labeled (A) and (B). Apply glue and dowels to both ends of frame brace and join posts together using 4 inch screws.
- Repeat this for frame post (A) and (C).
- Match up letters **(A)(B)** on Frame Posts with **(A)(B)** on Frame Caps.
- Apply glue and dowels to frame cap and attach to posts using 4 inch screws.
- Repeat this for other posts labeled (A) and (C)



Step 6. Assemble Base

- Stand base assemblies approx. 35 inch apart dowel holes to the inside.
- Apply glue and dowels to 3 frame x-members, and insert into corresponding holes on inside of each base assembly. Fasten together using 2 1/2 inch screws.

Ball bearing Hanger Placement

- Fasten a carriage bolt with washer and hex nut to the bottom of all 4 bench legs – **threads to the inside.**
- Fasten 4 more carriage bolts to the glider base – **threads to the outside.**
- Attach ball bearing hanger to base using a single lock nut.
- Position base with open end toward the front.
- Set bench over base and attach free end of hanger to open end of carriage bolt on bench - secure with a lock nut.
- Your New Cedar Glider is ready for use.

