

Guitar # _____ Type _____ Top _____ Sides _____ Ser# _____

- ☐ Joint the top halves
- ☐ Glue up top
- ☐ Tap test top
- ☐ Thickness top to .110" (.100 pre-war Adi top)
- ☐ Choose back centerpiece
- ☐ Choose which back sides will be the outside
- ☐ Joint the back halves
- ☐ Glue up back
- ☐ Thickness back to .100" (.090 pre-war)
- ☐ Glue back brace spline (vacuum press)
- ☐ Layout bridge – 25.4" (use template or neck Block w/dowels to trace location to top)
- ☐ Layout top braces
- ☐ Radius top X braces
- ☐ Notch braces if required
- ☐ Glue top braces - tape down braces, vacuum press (go bar for HHG build)
 - ☐ Pre-war: glue tone bars, finger braces, bridge plate and UTB on flat board
 - ☐ Pre-war: glue x braces 25' dish
 - ☐ Pre-war: glue neck block support brace after top is glued on
- ☐ Cut sides and thickness between .080" and .085" (.075 pre-war)
- ☐ Bend sides (see bending instructions)
- ☐ Measure and cut sides on centerlines (use frame as guideline)
- ☐ Angle both inside ends of sides (use side jig)
- ☐ Radius neck and tail blocks 30' (pencil line sand until gone)
- ☐ Locate center points of blocks (for neck use the center of the heel and square to block)
- ☐ Glue up sides and blocks in frame (line up block and side centers, check grain orientation)
- ☐ Sand top side flat (mark w/chalk sand until gone)
- ☐ Sand back side 12" radius (mark w/chalk sand until gone)
- ☐ Glue in kerfing (leave slightly proud, pre-war glue in ribbon before kerfing)
- ☐ Layout back braces on back spline
- ☐ Radius back braces 12' (pencil line sand until gone)
- ☐ Cut slots for back braces (use razor to score spline chip out and scrap clean with 1/4" chisel)
- ☐ Glue back braces – tape down, vacuum press
- ☐ Sand back 12' radius
- ☐ Sand top flat
- ☐ Sand in top slope
- ☐ Scallop tone braces w/chisel and finger plane
- ☐ Remove excess dried glue on top and back
- ☐ Measure and cut side braces (6)
- ☐ Glue and clamp side braces
- ☐ Remove excess dried glue
- ☐ Cut, nip (if necessary) and press fret wire to fingerboard
- ☐ File fret ends level to side of fingerboard
- ☐ Glue and clamp fingerboard to neck (approx. 12 clamps)

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- ☐ Scrap glue off fingerboard
- ☐ Mark top braces for trim and tuck*
- ☐ Trim w/backsaw*
- ☐ Trim top to shape on band saw*
- ☐ Glue and clamp top*
- ☐ Clean up glue squeeze out *
- ☐ Final voicing
- ☐ Measure and glue in neck block support brace
- ☐ Glue and clamp back *(same steps as above for back)
- ☐ Sand/scrape sides
- ☐ Rout binding and purfling channels
- ☐ Check channels (square and widen as necessary)
- ☐ Install bindings and purfling
- ☐ Scrap binding and purfling flush
- ☐ Sand top (100, 150, wet/dry, 150, wet/dry, 220, wet/dry, 220, wet/dry, 320)
- ☐ Spray top to seal before sanding sides and back
- ☐ Sand side and back same as in step 52
- ☐ Pore fill (SB-112) filler, let dry overnight, repeat as necessary
- ☐ Sand epoxy w/240 grit paper
- ☐ Wipe down with Naptha
- ☐ Finish spray box (Tape off neck extension location and bridge area)
- ☐ Inlay fret marker on neck (hand drill to size)
- ☐ Cut nut slot
- ☐ Make nut
- ☐ Cut out neck slot (flush rout out)
- ☐ Glue nut
- ☐ File frets (mark and level, 22 ½°, crown, sand 320, steel wool 0000)
- ☐ Tape off Finger board, and then finish (spray or tru-oil)
- ☐ Wet sand and buff the box and neck
- ☐ Remove tape on extension & FB
- ☐ Scrap off lacquer, glue neck
- ☐ Radius bridge 25'
- ☐ Locate bridge - (place down green tape, draw extension of fret board sides, locate center line, measure and mark bridge location), drill holes in outside pin locations w/#11 bit
- ☐ Cut bridge position out of tape, remove lacquer with chisel
- ☐ Glue and clamp bridge
- ☐ Make saddle
- ☐ Ream end pin hole, fasten end pin (or install pickup)
- ☐ Install tuners – position and drill 10mm holes, insert posts, hold down w/screws, tighten nut post, retighten screws
- ☐ String and tune it up
- ☐ Play
- ☐ Have a shot of Scotch