1934 Dobro Model 27 Specifications

Purchased - May 1, 2010

Repairs/Restoration Completed by Dan Brooks/B & B Resophonics - September 4, 2010
Information regarding restoration and vintage setup from Bobby Wolfe, Randy Getz and Dick Blattenberger

Serial Number – #6991 *(Oswald's was #7233; Uncle Josh Graves' "Julie" was #7673)*
Model Number 27G – California factory
Coverplate Patent Number – 1,896,484
Scale Length – 24 & 11/16"
Cone – 8-lug, 4-hole stamped cone
Cone Thickness – 0.011" +/-
Cone Opening Diameter – 10 & ½" *(Prior to correcting "egging")*
Cone Shelf Depth – @ 0.165" *(after cleaning off old glue)*
Spider Bridge - Short spider bridge: 8 & 5/8" Diameter *(shortened regular spider)*
Saddles – Quartersawn Maple, 5/16" proud of top of bridge.
String Spread at Saddles – 2.151"
Tailpiece – 3/16" Cork on underside.
Nut Slot - 3/16"
String Spread at Nut – 1.664"
Screen Hole Diameter – 1 & 7/8"
Screen Diameter – 2 & 5/16"
Screen Holes – 4 & 11/16" apart on center
Screen Holes – 5.641" on center from top of body
Binding – .220" Wide
Binding – .050" Thick
Top Thickness – 3/16"
Back Thickness – 3/16"
Soundwell Thickness – ¼" with 3/8" square kerfing around top; no kerf on bottom
Number of Holes in Soundwell – 9 Trapezoid shaped
Body Length – 19 & 9/16"
Body Width at Upper Bout - 10 & 9/16"
Body Width at Lower Bout - 14 & ¼"
Body Width at Waist - 8 & 15/16"
Body Depth at Neck - 3 & 3/16"
Body Depth at Tailpiece - 3 & 3/8"
Neck Thickness at 1st Fret – .935"
Neck Thickness at 8th Fret – 1.10"
Neck Heel Height – 3 & 1/16"
Fretboard Length – 16 & 15/16"
Fretboard Thickness – 13/64"
Fretboard Width at Nut – 1 & 13/16"

Fretboard Width at 12th Fret – 2 & 9/32”
Fretboard Width at End – 2 & 7/16”
Peghead Length – 6 & ¾” to Nut Slot
Peghead Thickness – .805”
Peghead Angle – 13 Degrees
Peghead width at Top – 2 & 9/16” with 6” Radius
Peghead width at 13/16” from nut slot – 2 & 1/8”
Peghead Slots – 7/16” Wide - 5/16” in from edge
Tuner Spacing – 1 & 3/8” apart
1st Tuner – 2 & 7/32” from nut slot

#6991 DOBRO REPAIRS

Repair/Reset Neck *- DONE*
Fix 2 Coverplate screw holes (cleat) *- DONE*
Clean/repair/lube tuners *- DONE*
Reshape & add cork to Tailpiece *- DONE*
Black felt glued on coverplate under ball ends *- DONE*
Shim around bass side of cone ledge *- DONE*
Fix “egging” of cone opening *- DONE*
Repair screw holes in frtbd. tongue (new pearl dots) *- DONE*
Dress/Polish frets *- DONE*
Polish all metal parts *- DONE*
New bone nut, 3/8” action height *- DONE*

1/15/2012 -
Replaced original 8-lug cone (still have) with 4-hole, 8-lug cone purchased from Dick Blattenberger 6/5/2011. Cone formerly owned by Deacon Brumfield, letter from Dick Blattenberger attesting.

6/5-

Dan—

Hope one does what you want. One with 4 holes came from Deacon Brumfield... (but not the one used on New River 45s & Starday LPs) I have it autographed, will never part with.

Deacon used 8-lug (no holes) & long spider. Oswald & Josh used short.

(Julie, not Cliff) Dick