## **Installing vacuum tubes in the Quad 15**

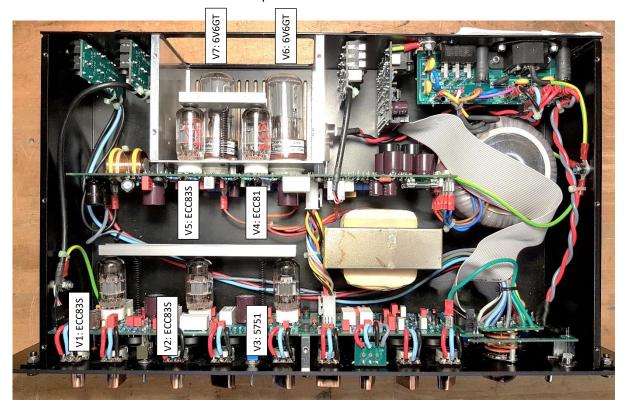


- 1. Important! Don't connect AC power yet!
- 2. Check that the Quad 15 has not been damaged.
- 3. Remove top plate by unscrewing 11 screws on top and 3 screws from the rear. (Philips star screwdriver)
- 4. Check that all 7 vacuum tubes are placed inside the amplifier and have not been damaged. (Covered in plastic, etc.).
- 5. Insert vacuum tubes into the tube sockets: (It is not necessary to remove the rear cover)

V1: ECC83S V2: ECC83S V3: 5751 V4: ECC81

V5: ECC83S V6: 6V6GT V7: 6V6GT

6. Mount Tube retainers as shown on the picture below:



- 7. Remove all package material and hold the amplifier upside down to check that there's no loose items inside.
- 8. Mount top plate with 11 screws from the top. 6 x M3 + 5 x M4
- 9. Mount 2 x M3 screws with washers from the rear to hold topplate.
- 9. Check that the smaller rear cover is mounted. 4 \* M4 screw (allen key)
- 10. Connect AC power to the amplifier, speaker cabinet, etc. and you're ready to go.