



Jet City Custom 22 Power Tube Replacement

This guide shows how to replace the power tubes in a Jet City Custom 22 guitar amplifier.

Written By: Nik Sauer



INTRODUCTION

This guide shows how to replace the power amp tubes in a Jet City Custom 22 guitar amplifier.

Vacuum tubes can become faulty for a number of reasons, but most commonly it is because they have a limited life span. Damaged or old tubes can have a large impact on the overall sound of the amplifier, so changing them often can greatly improve your results.

Changing amplifier tubes is a fairly straightforward process, and the only tools required are a screwdriver and the replacement tubes.

TOOLS:

- [Phillips #2 Screwdriver \(1\)](#)



PARTS:

- [EL84 Vacuum Tubes \(2\)](#)

Step 1 — Power Tubes



- Unplug the amplifier and let it rest for at least 15 minutes prior to beginning the repair.
- (Optional) Wash hands before touching the tubes. Oils in your skin can affect their lifespan.

Step 2



- Remove the six screws with the Phillips #2 screwdriver
- Remove the panel.

Step 3



- Carefully remove the spring system for each tube by lifting and rotating.

Step 4



- Carefully rock the tubes loose and remove them.

⚠ Be sure to grip the tubes only at the top.

Step 5



- Remove your replacement tubes from their packaging (yours may differ).

Step 6



- Line up the pins on the bottom of the tubes with the sockets in the amplifier.

Step 7



- Carefully insert the tubes into their sockets.

Once the new tubes are in place and the back panel is attached, power the amplifier on and ensure that tubes are lit. If they are, then the amplifier is ready to go!