

JUNO 106 PSU

Installation Manual

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Document revisions

Date	Doc. revision	FW version	Change
12-02-2023	R1.0	na	Initial document
11-09-2024	R1.1	Na	Changed typo on page 4

1 Setup

Intended use

The JUNO 106 PSU is intended to replace the old power supply unit of the JUNO 106

This manual is written for someone who has experience with electronics and knows what he is doing. If you are not sure you are capable of doing this modification then please ask a trained technician.

What is included

Please ensure that your package includes the following:

- JUNO 106 replacement PSU

2 Installation

- Be careful when working on mains equipment.
Disconnect all cables before working on the JUNO 106.

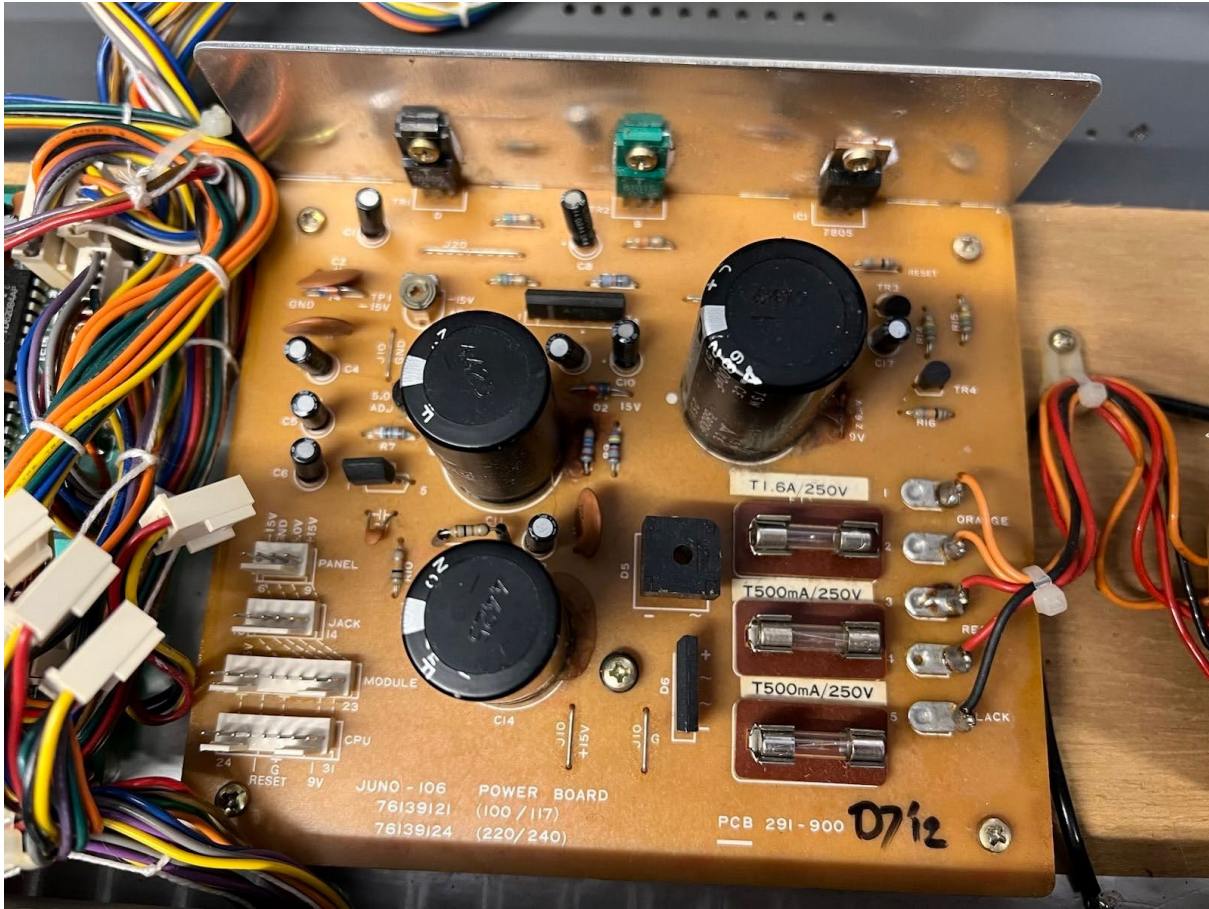
Step 1:

- Disconnect the mains.
- Open the juno 106 and locate the powerboard



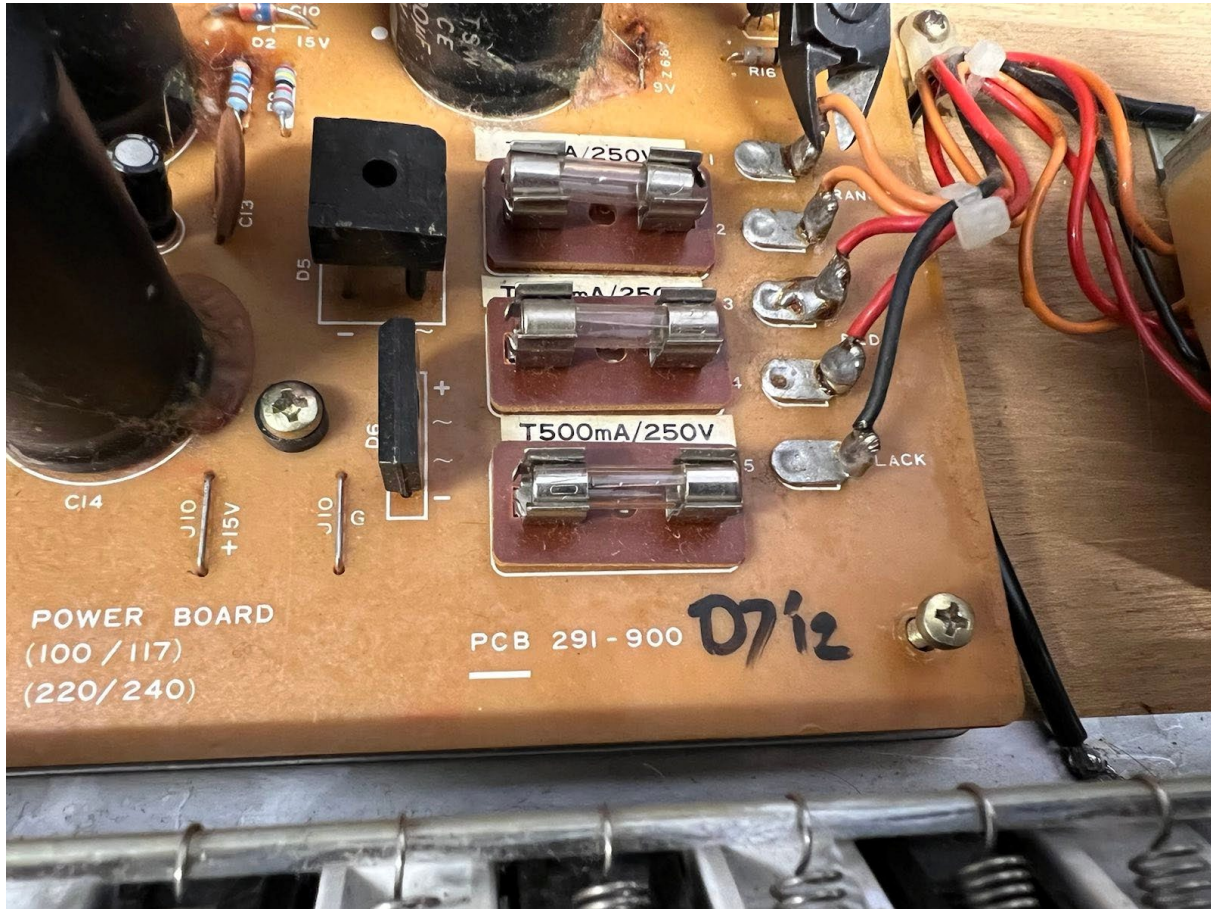
Step 2:

- Disconnect the white connectors



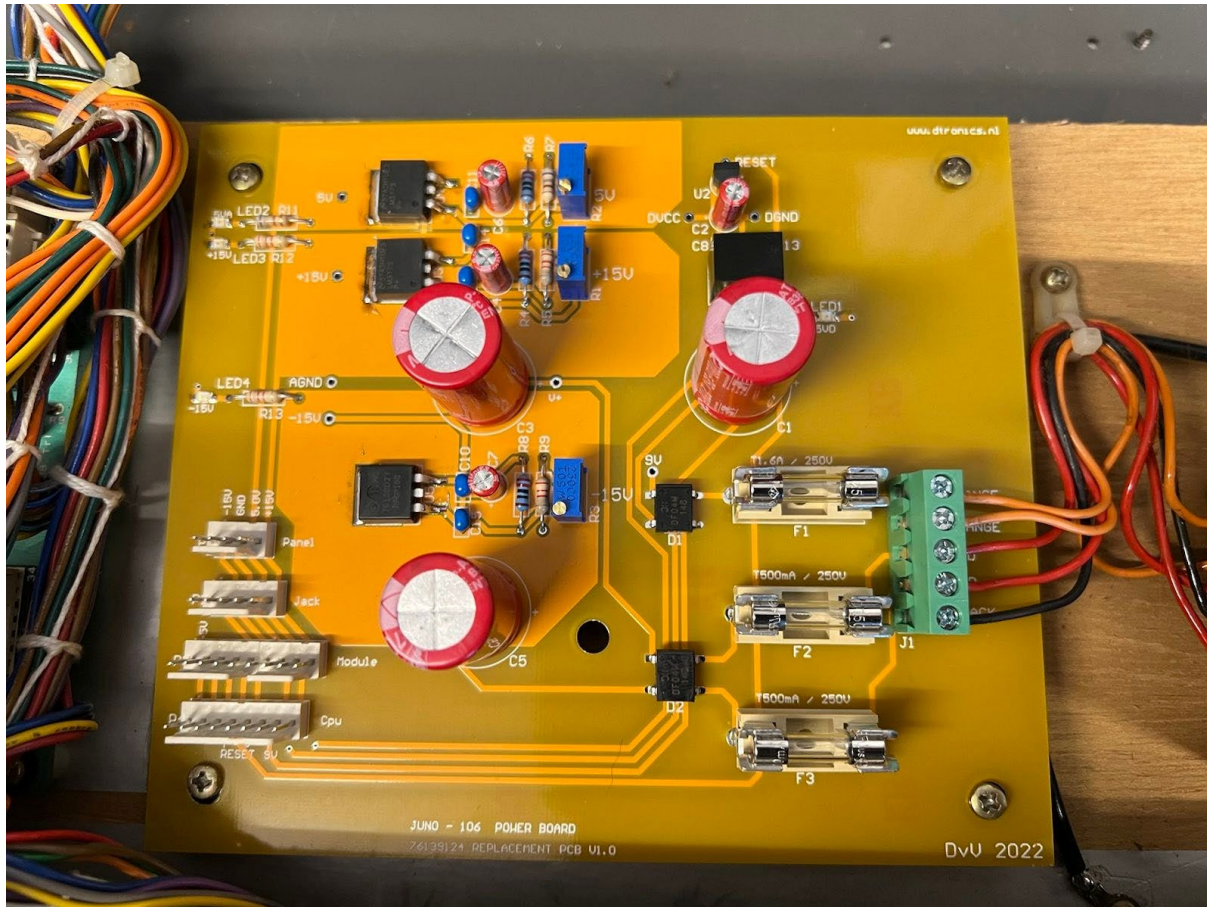
Step 3:

- Cut the 2 orange, 2 red and 1 black wire.
- Remove the 5 screws that hold the pcb in place. And remove the pcb.



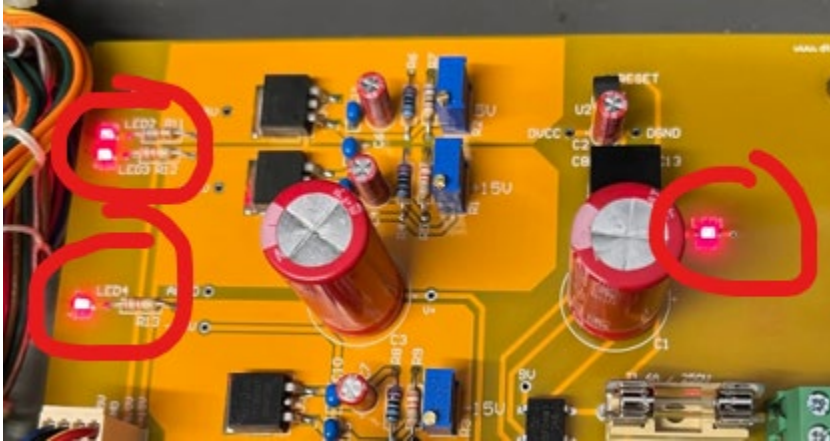
Step 4:

- Install the new pcb in the same place, using the old screws.
- Strip the orange/red and black wires and insert them in the green terminal block.
- Make sure the wires are in the right position

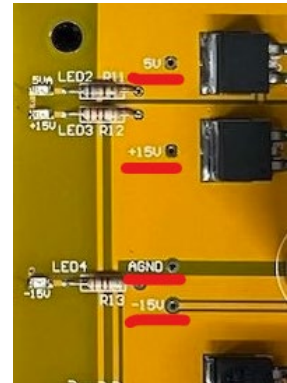


Step 5:

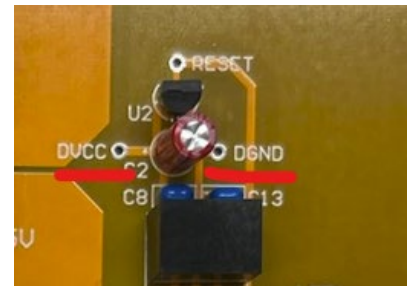
- Connect the mains and turn on the power and check if the 4 leds are lit.



- Check the voltages with a voltmeter on the left side:
between 5V and AGND
between +15V and AGND
between 15V and AGND



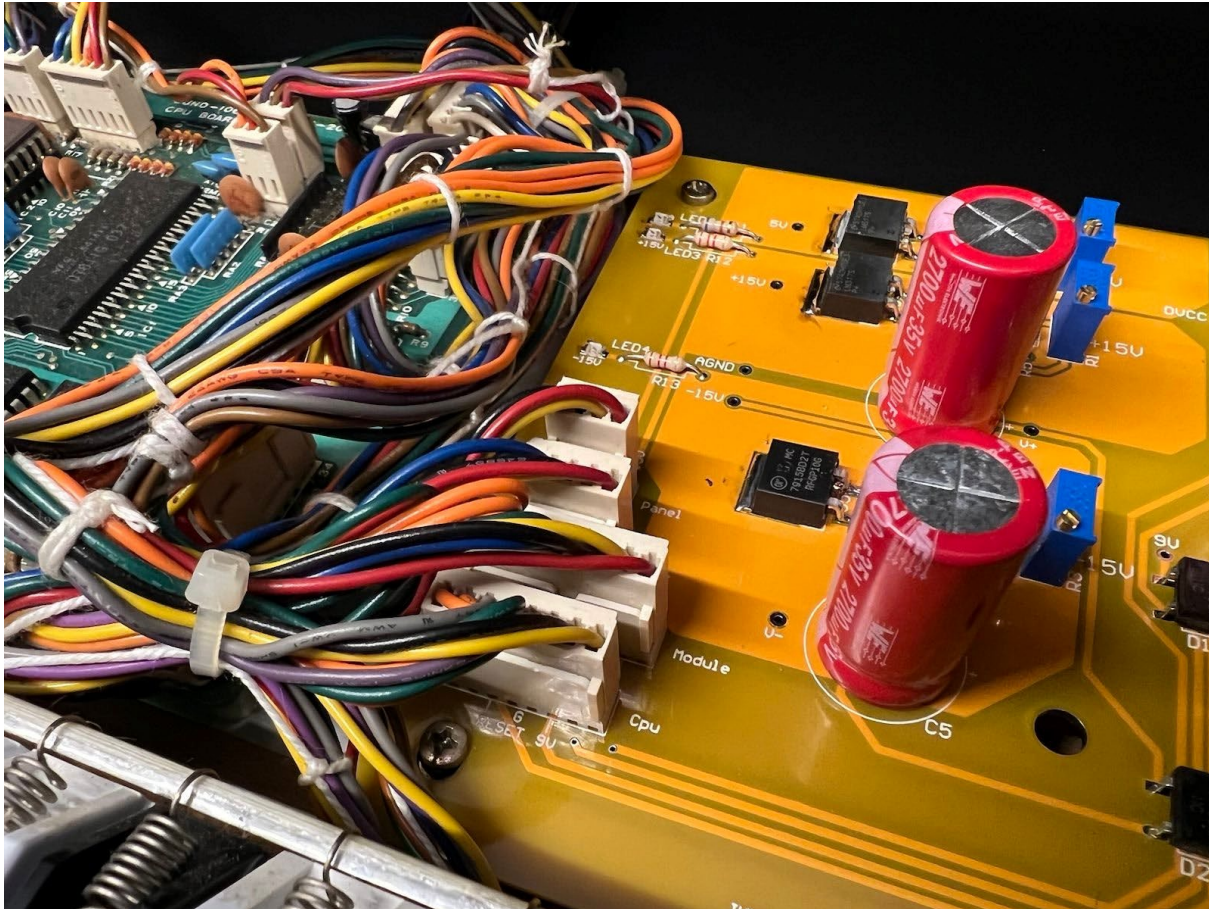
- These voltages can be adjusted if necessary.
- Check the voltages with a voltmeter on the right side:
DVCC (5 volt) - DGND



- **Turn OFF the power, disconnect the mains.**

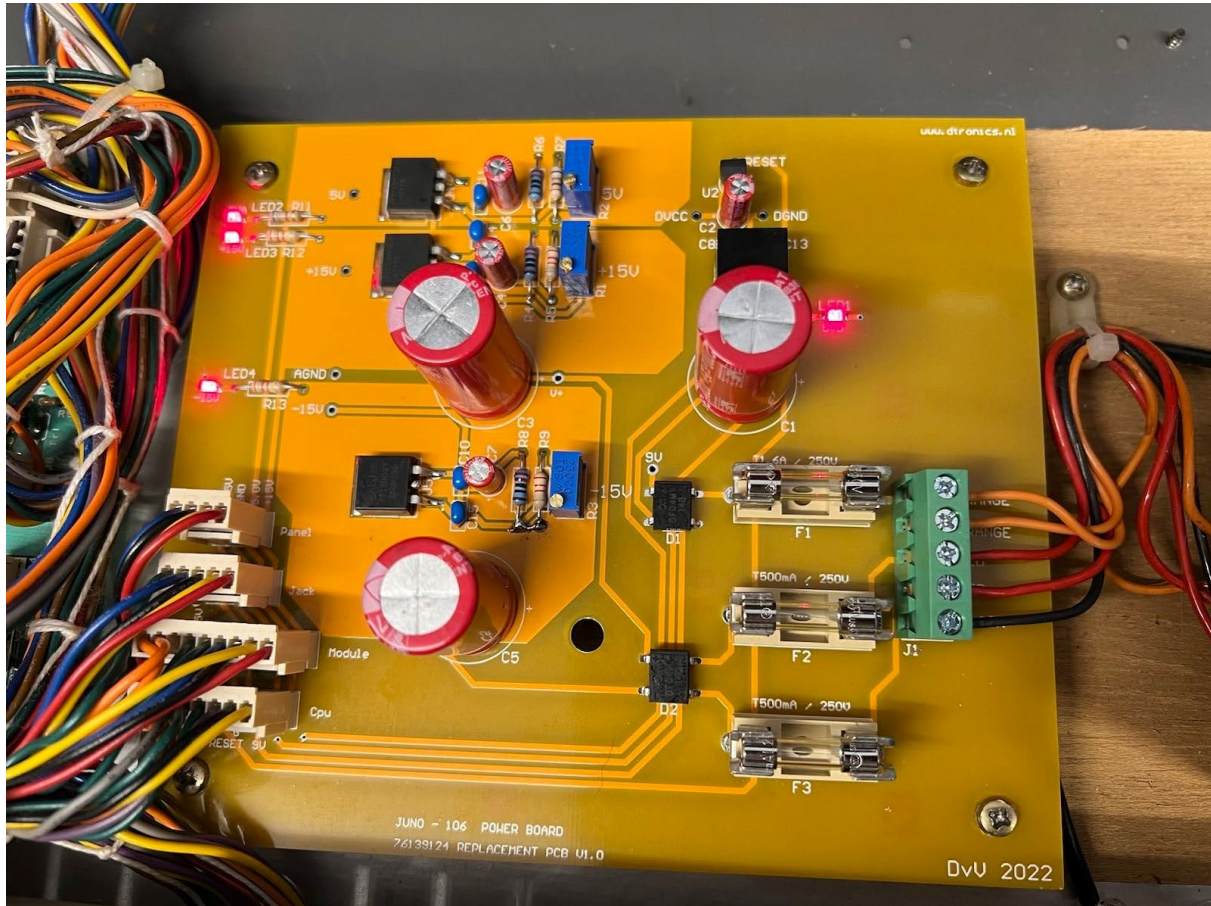
Step 6:

Re-connect the white connectors:



Step 7:

When you power up your Juno, it should look like this:



Close your Juno 106 and enjoy.