



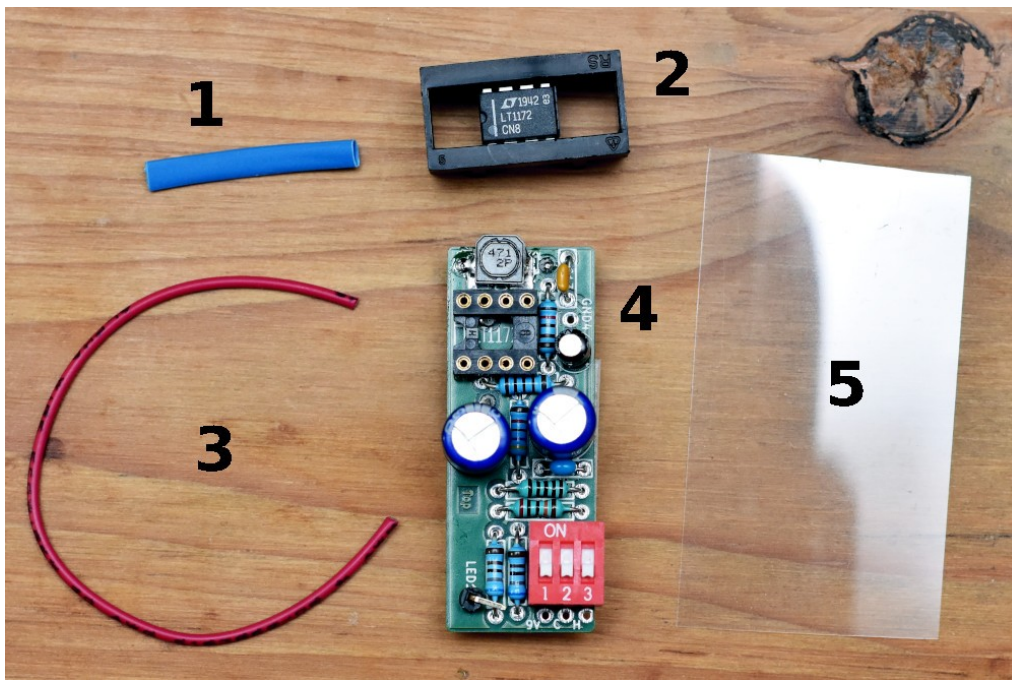
Blow!

## Phantom power extension card installation.

This short manual explains how to install the phantom power extension card in your Blow! pedal.

### What's in the kit ?

Here's what you must find in the kit :

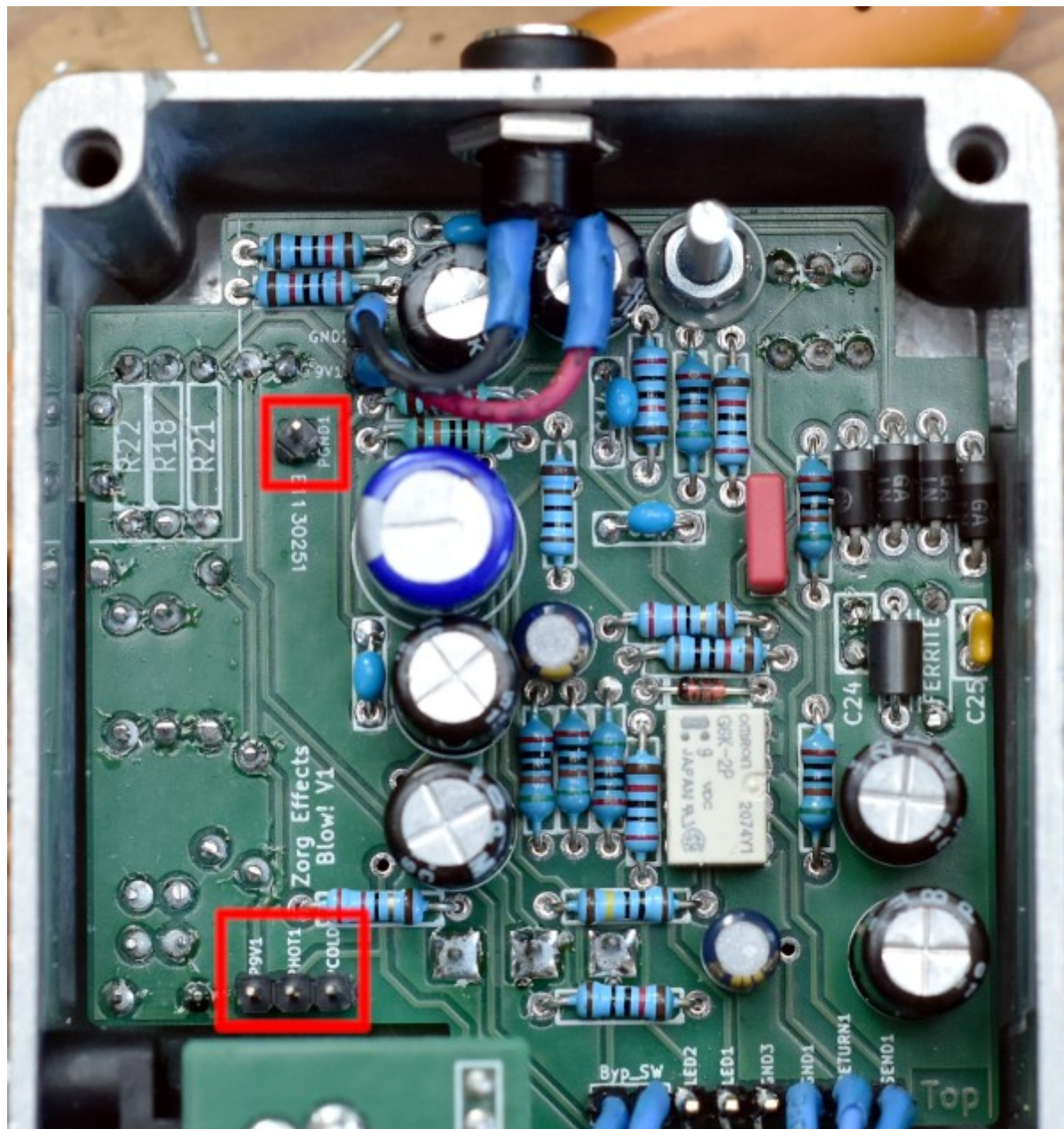


- 1- A piece of heat shrink tube.
- 2- A LT1172 chip.
- 3- A short piece of wire.
- 4- The phantom power extension card.
- 5- A sheet of plastic paper

## How to install the card?

**Important note :** don't add the LT1172 before step 9 !!!

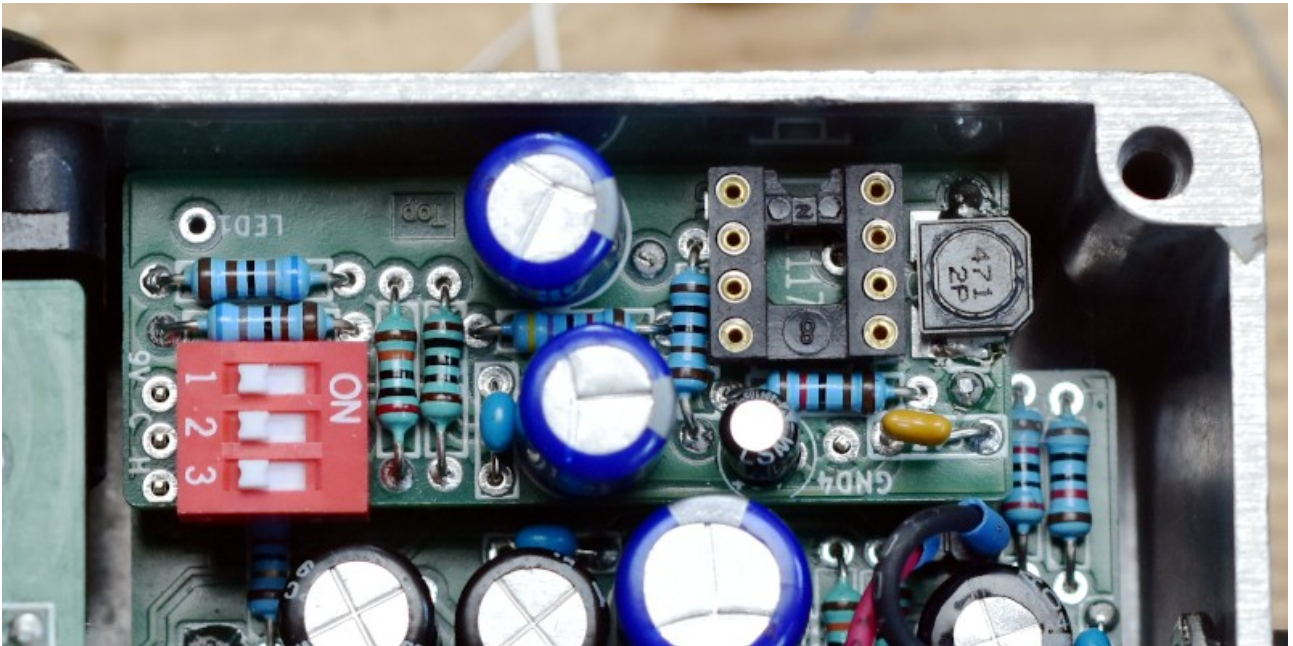
1- Unscrew the back of you blow and locate the 4 pins on which you'll put the extension card, they are labeled pgnd1, p9v1, phot1 and pcold1:



2- Then cut the plastic paper so that it fits the space beneath the extension card :

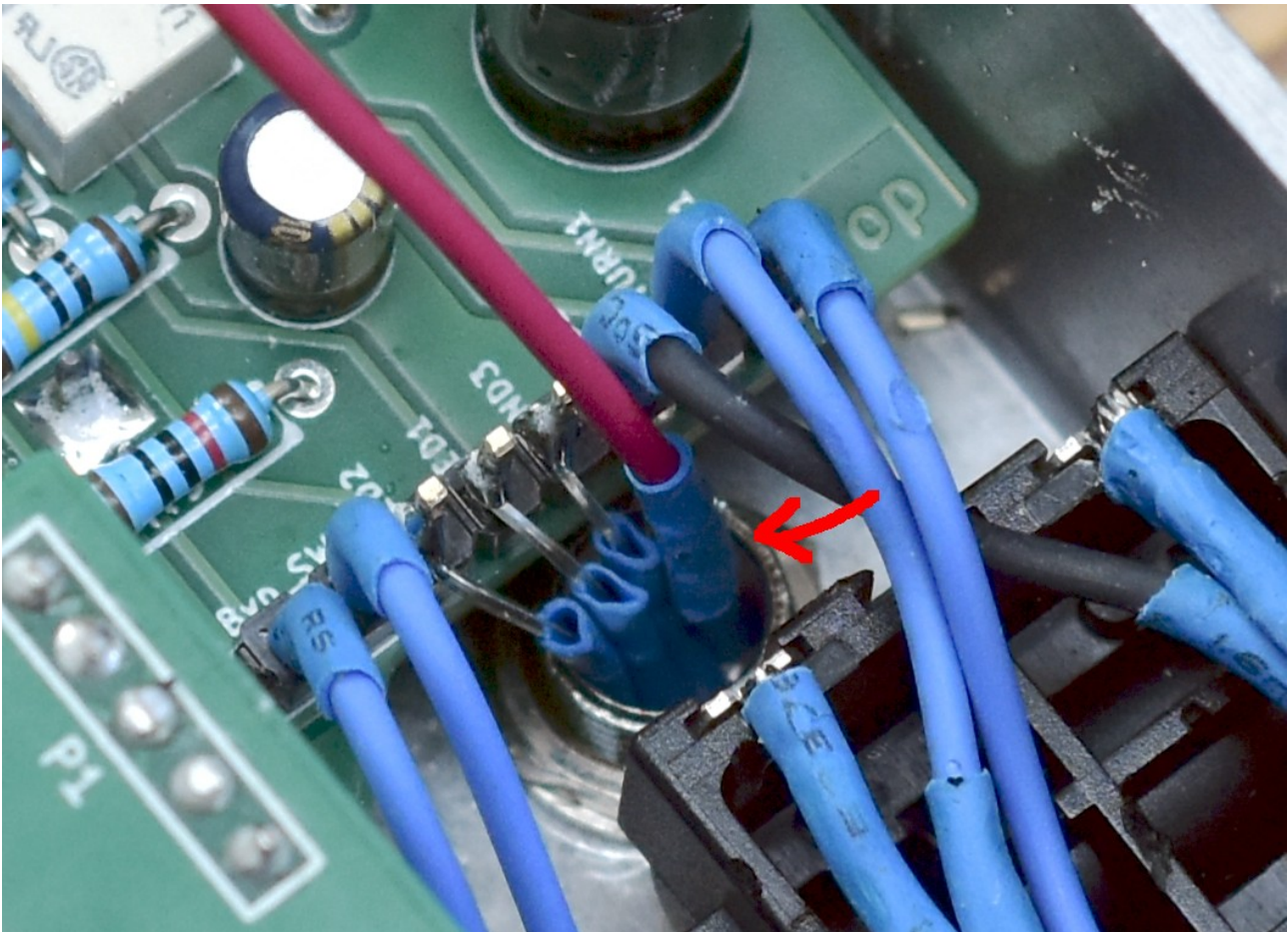


3- Add the extension card on the loaded pins. Don't push it down low in the enclosure. Instead, let it just float, so that there's just about 1mm of top of the pins raising above the surface of the extension card.

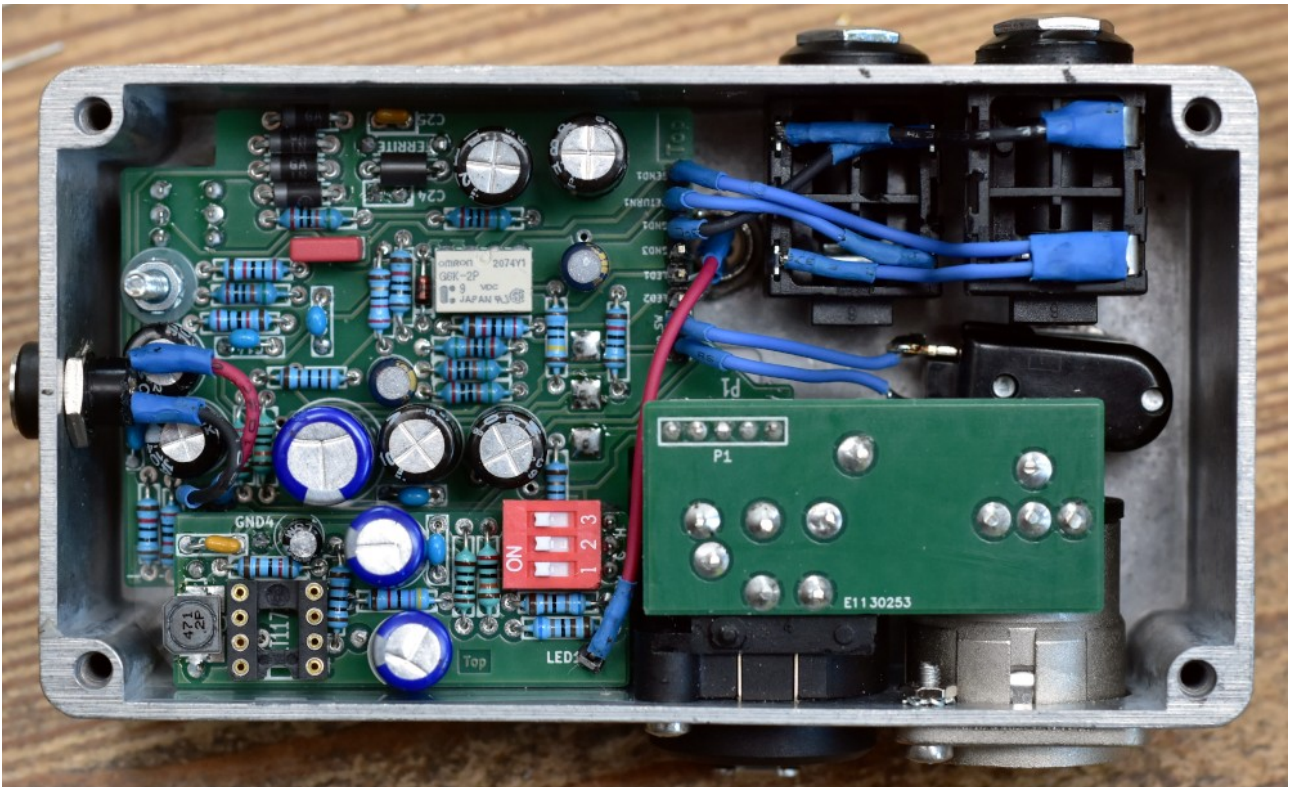


4- Solder the 4 pins. **Be carefull** for the 3 pins to solder below the red triple switch as there's not much space for your soldering iron and you must not make the red switch melt. Use a fine long soldering iron if possible.

5- Locate the 4th unsoldered leg of the display LED. Remove any plastic sheath on the top of it and solder one side of the wire to it. After soldering add some heat shrink tube. Be cautious that the heat shrink tube protects the leg all the way down to the LED plastic case, so that no shortcut can be done between the leg, the soldered wire and the metal of the led holder. Also be cautious not to touch and melt any surrounding wire with your soldering iron.

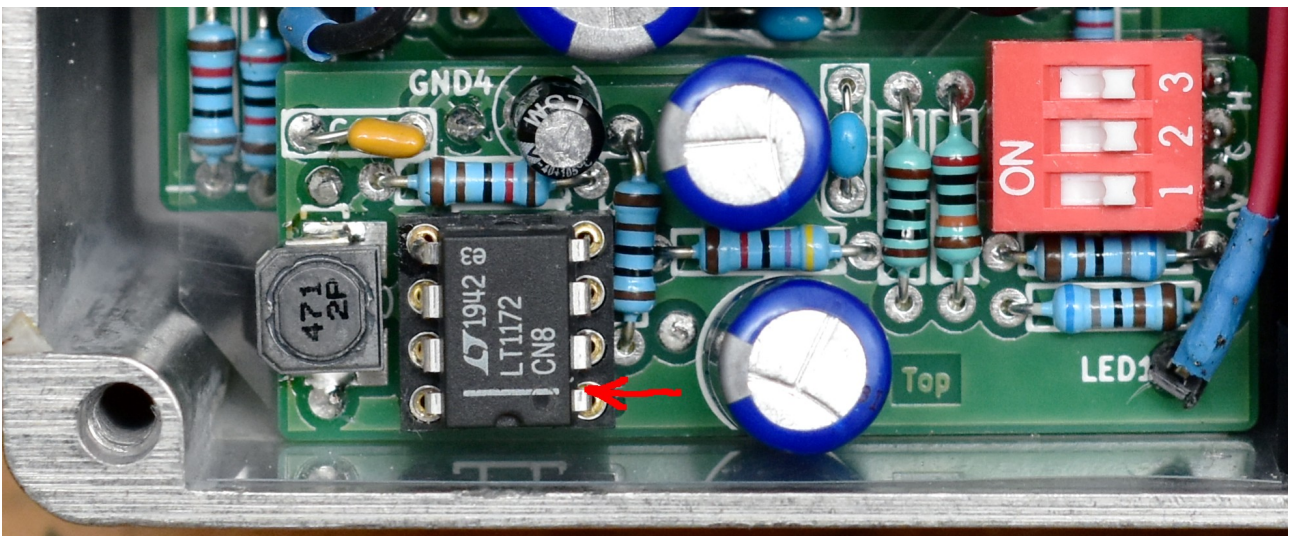


6- Solder the other side of your led wire to the « led » pin on the extension card. Add some eat shrink tube to protect your solder.



7- Testing time ! Setup the 3 mini red switches on the extension card to « ON ». Plug a DC power cable in your Blow ! and check that your display led turns to a low red.

8- If 8 is ok, unplug your blow, wait a bit for the red led to shut off. Then add the LT1172 on the board socket. **Be carefull** of its direction, the line must be next to the enclsoure side (or you'll just blow it up!):



9- Plug back your DC cable and check that the led displays a brigh clear red (much brighter than step 8). Your Blow ! is now ready to be used with a static mic !