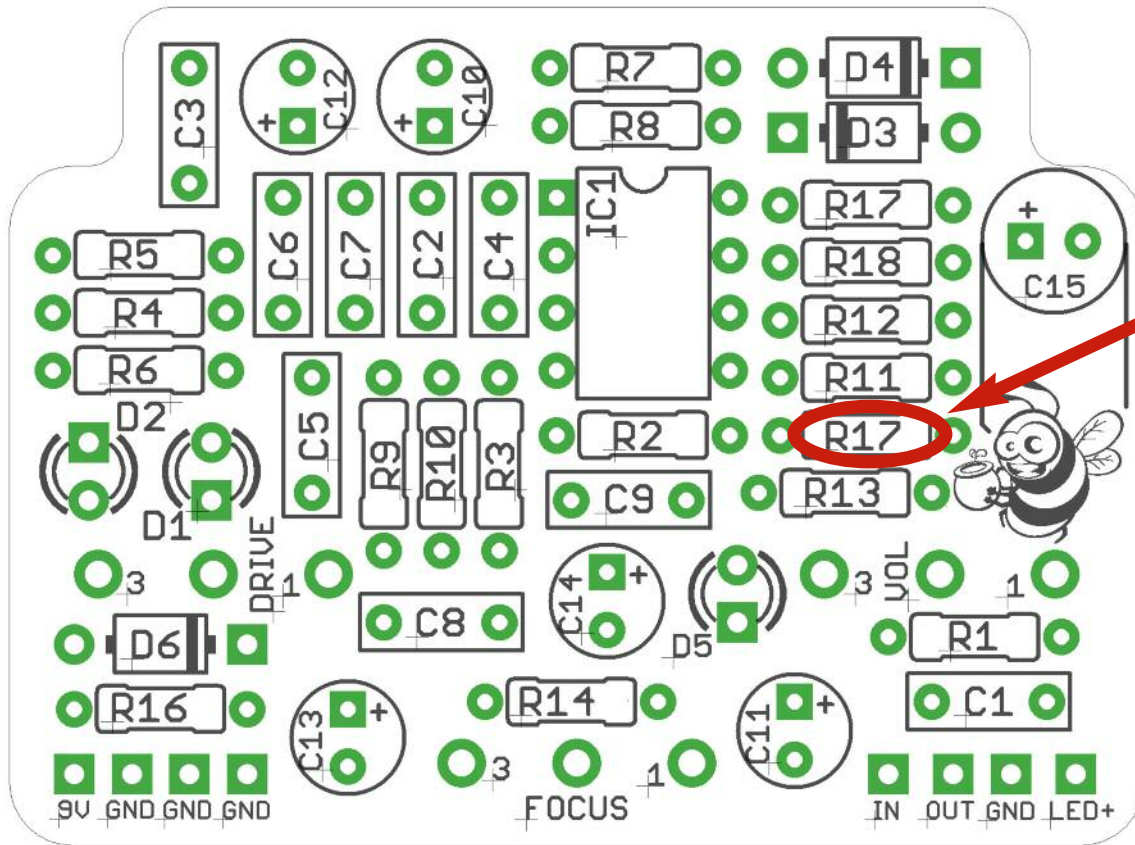


Bee Juice

Dynamic, highly responsive
transparent overdrive

PedalParts.co.uk



This is mislabelled - it should actually read

R19

Sorry about that.

There is an error on the PCB which requires a small off-board hack.

The spot on the PCB for R10 should be filled with a wire jumper.

R10 should actually be attached between FOCUS pad 2 and pin 2 of the focus pot, as shown on the image on the front page.

Its a good idea to solder in the wires or header pins (if using them) for DRIVE and VOL before you start putting in the LEDs and caps. They'll be easier to get at.

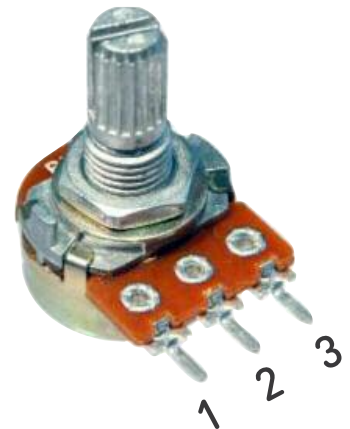
C15 doesn't have to sit flat against the PCB as shown in the picture, but it does give more clearance in the enclosure.

Wiring shown overleaf will disconnect the battery when you remove the jack plug from the input, and also when a DC plug is inserted.

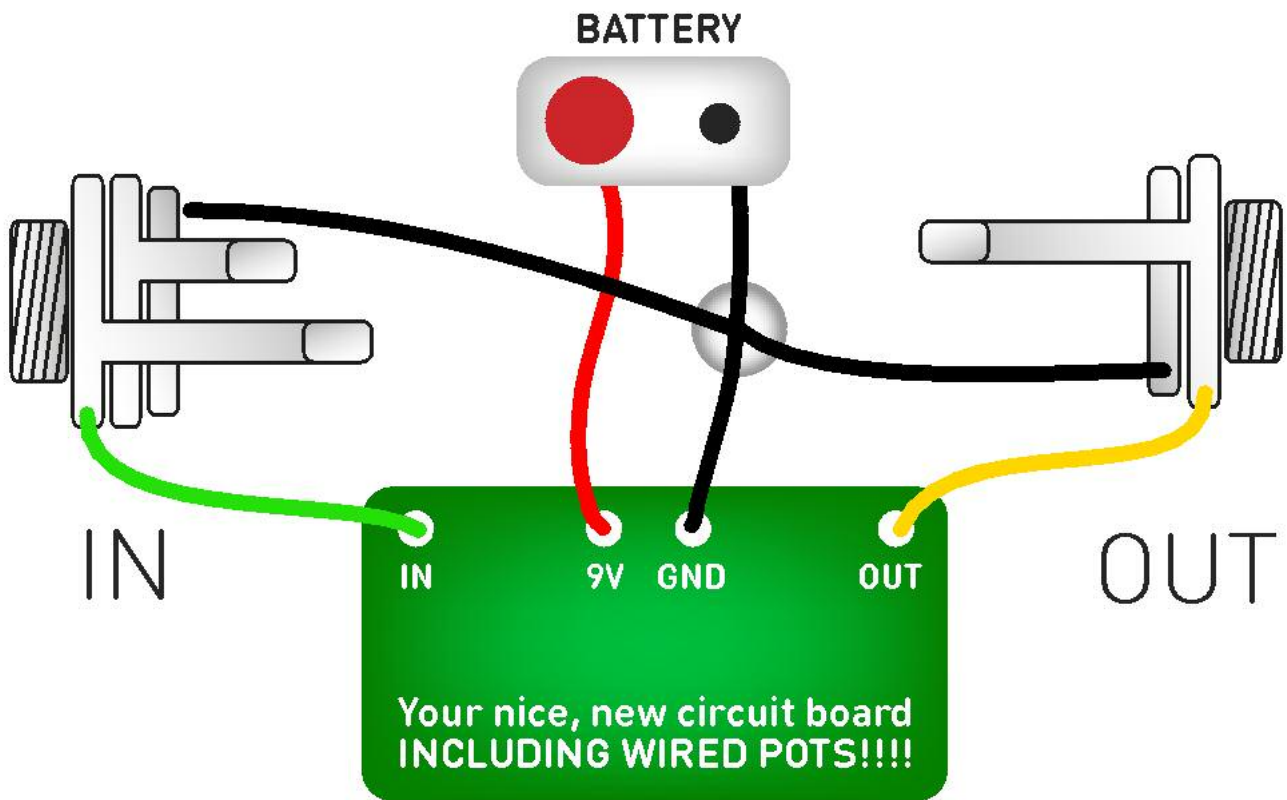
Snap the little metal tag off the pots to mount them flush in the box.

You should use some kind of heat sink on the legs of the LEDs and diodes when soldering. They aren't keen on heat. Any more than a couple of seconds of iron and they're toast.

I've incorporated the Current Limiting Resistor for the LED into the board for your pleasure.



Test the board!



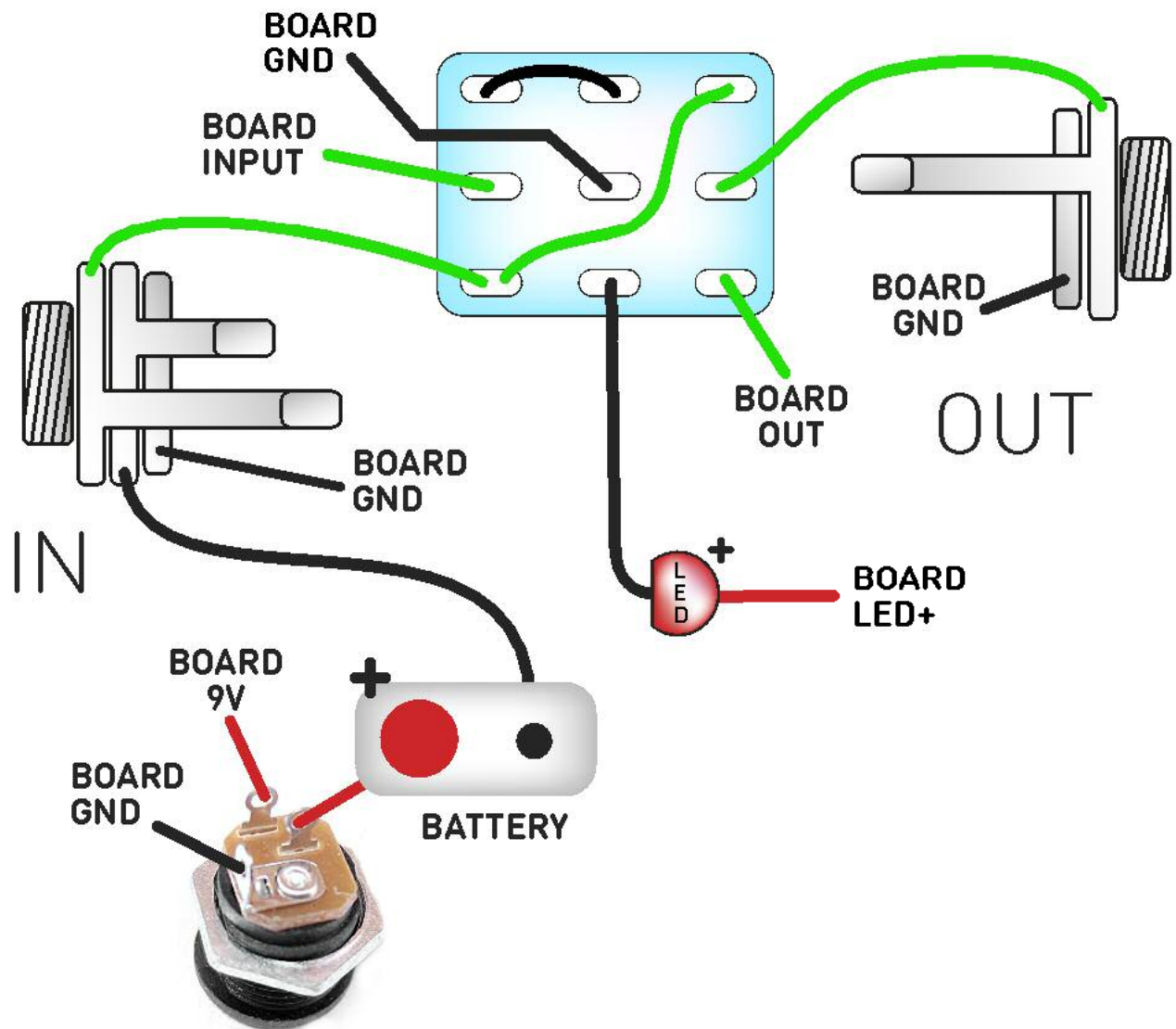
UNDER NO CIRCUMSTANCES will troubleshooting help be offered if you have skipped this stage. No exceptions.

Once you've finished the circuit it makes sense to test it before starting on the switch and LED wiring. It'll cut down troubleshooting time in the long run. If the circuit works at this stage, but it doesn't once you wire up the switch - guess what? You've probably made a mistake with the switch.

Solder some nice, long lengths of wire to the board connections for 9V, GND, IN and OUT. Connect IN and OUT to the jacks as shown. Connect all the GNDs together (twist them up and add a small amount of solder to tack it). Connect the battery + lead to the 9V wire, same method. Plug in. Go!

If it works, crack on and do your switch wiring. If not... aw man. At least you know the problem is with the circuit. Find out why, get it working, THEN worry about the switch etc.

Wire it up



The Board GND connections don't all have to directly attach to the board. You can run a couple of wires from the DC connector, one to the board, another to the IN jack, then daisy chain that over to the OUT jack. It doesn't matter how they all connect, as long as they do.

This circuit is standard, Negative GND. Your power supply should be Tip Negative / Sleeve Positive. That's the same as your standard pedals (Boss etc), and you can safely daisy-chain your supply to this pedal. Now... BBBBZZZZZZZZ!

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