

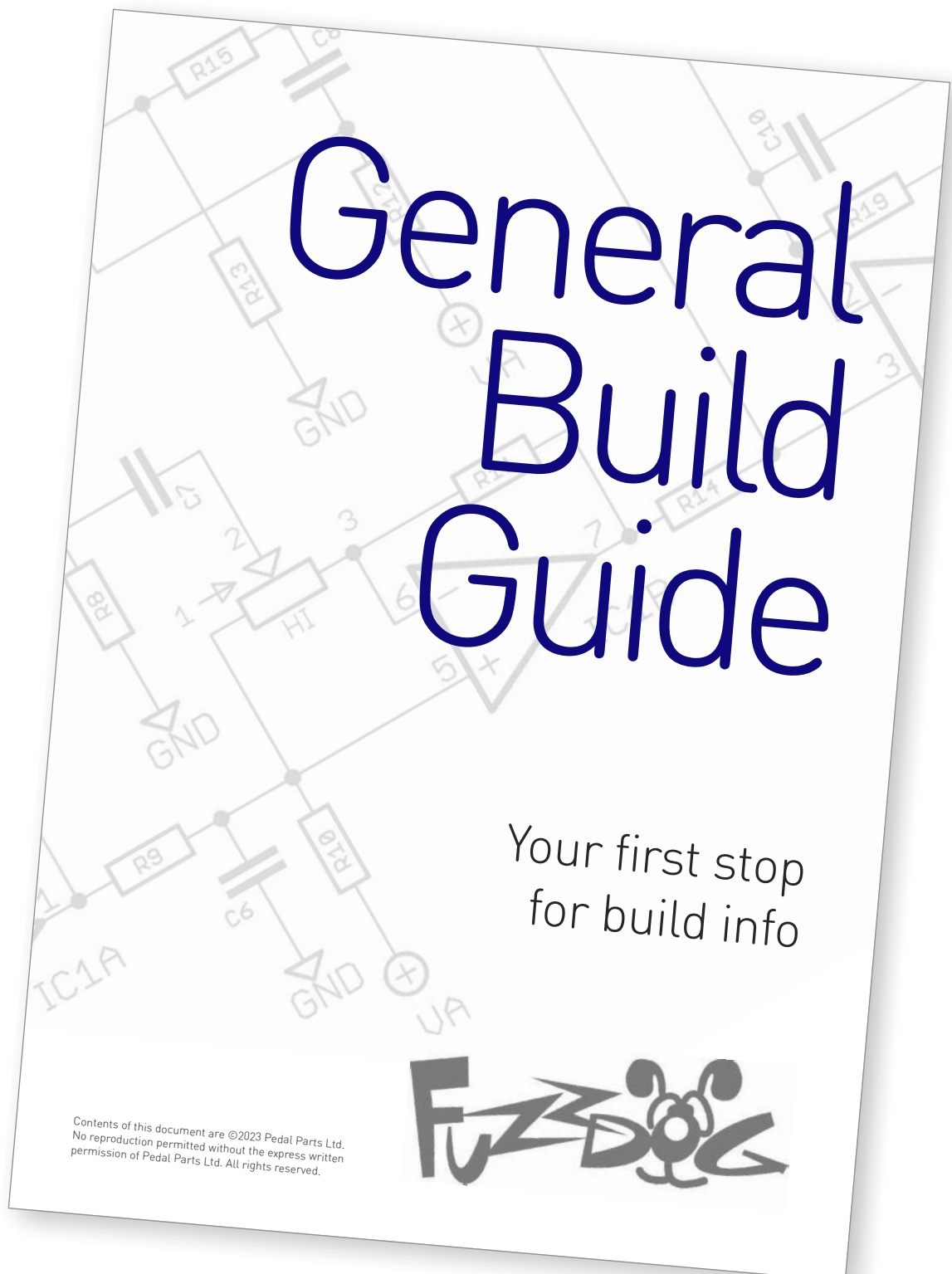
Rock Box V2

Full-on Rock Distortion
with a nice post-Boost

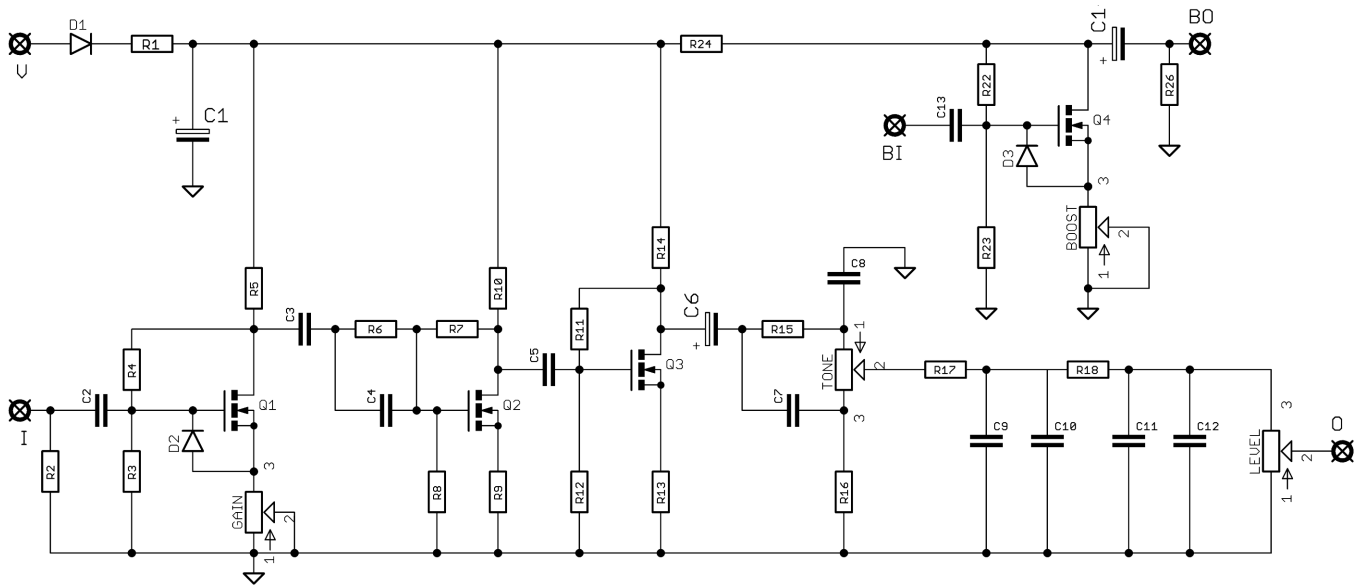


Before you dig in, ensure you download and read the **General Build Guide**.

It contains all the information you need for a successful outcome.



Schematic + BOM

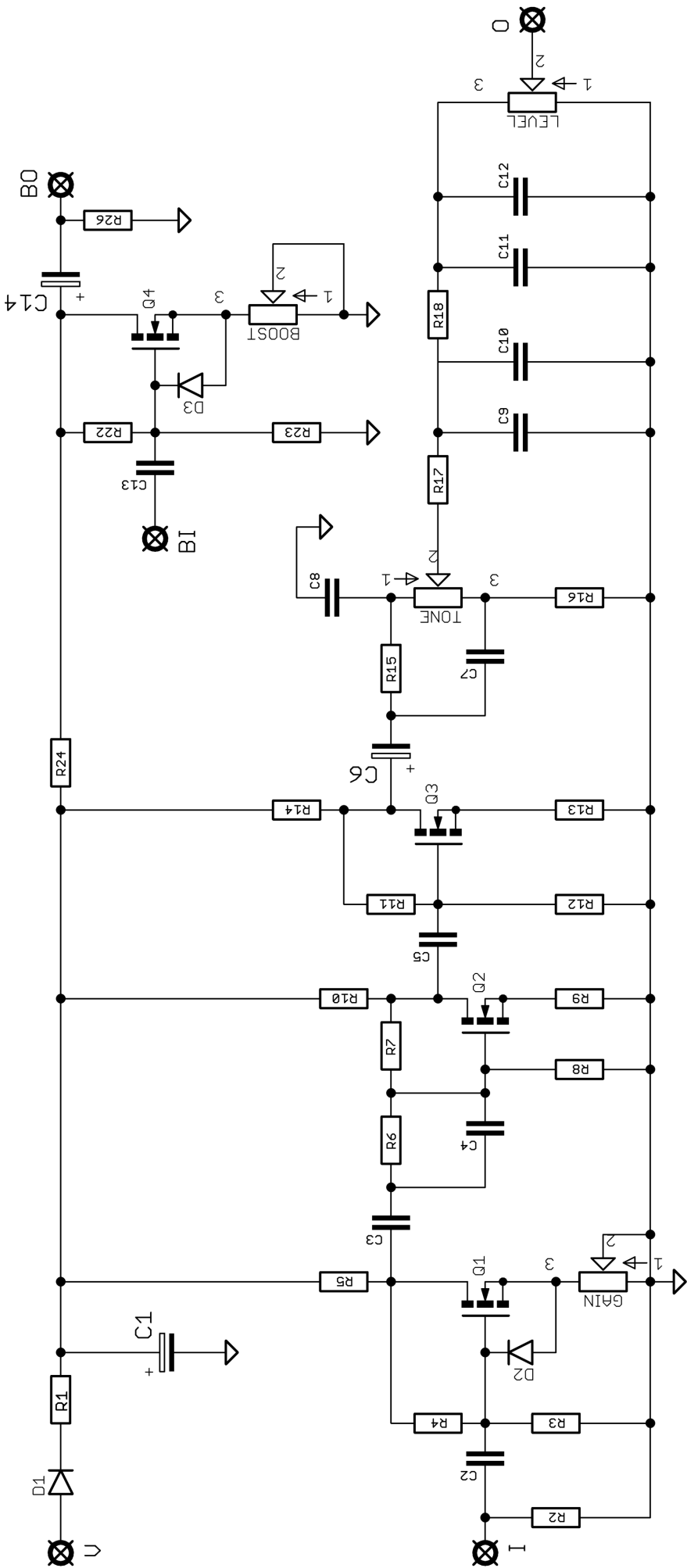


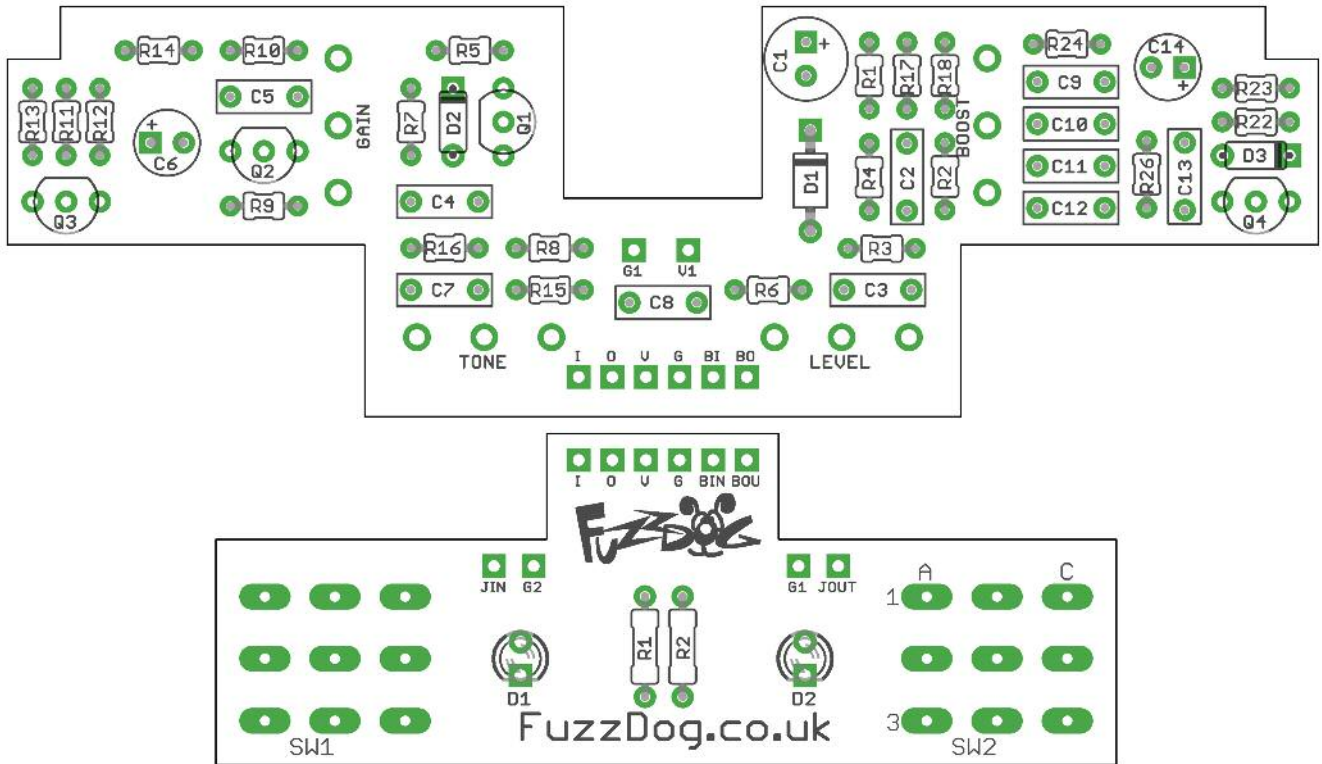
R1	82R	C1	47u	Q1-4	BS170
R2	1M	C2	100n	D1	1N5817
R3	1M	C3	22n 10n	D2	9.1v zener
R4	1M	C4	470p	D3	9.1v zener
R5	5K1	C5	22n 10n	GAIN	5KC
R6	470K	C6	1u	TONE	100KB
R7	1M	C7	10n 100n	LEVEL	100KB
R8	1M	C8	22n	BOOST	5KC
R9	100R 270R	C9	1n 2n2	SW1-2	3PDT
R10	5K1	C10	1n empty		
R11	1M 510K*	C11	1n 2n2		
R12	1M	C12	1n empty		
R13	330R 360R	C13	100n		
R14	5K1	C14	10u		
R15	47K				
R16	82K				
R17	10K				
R18	10K				
R22	1M				
R23	1M				
R24	5K1				
R26	47K				
R27	2K2				
R28	2K2				

Main BOM is JTM45 version.

Tweaks for '59 Bassman in blue.

*520K in original. 510K is fine.





Snap the small metal tag off the pots so they can be mounted flush in the box.

You should solder all other board-mounted components before you solder the pots.

Once they're in place you'll have no access to much of the board.

The PCB set has been designed to connect together using 20mm header pins. You can use wires if you wish.

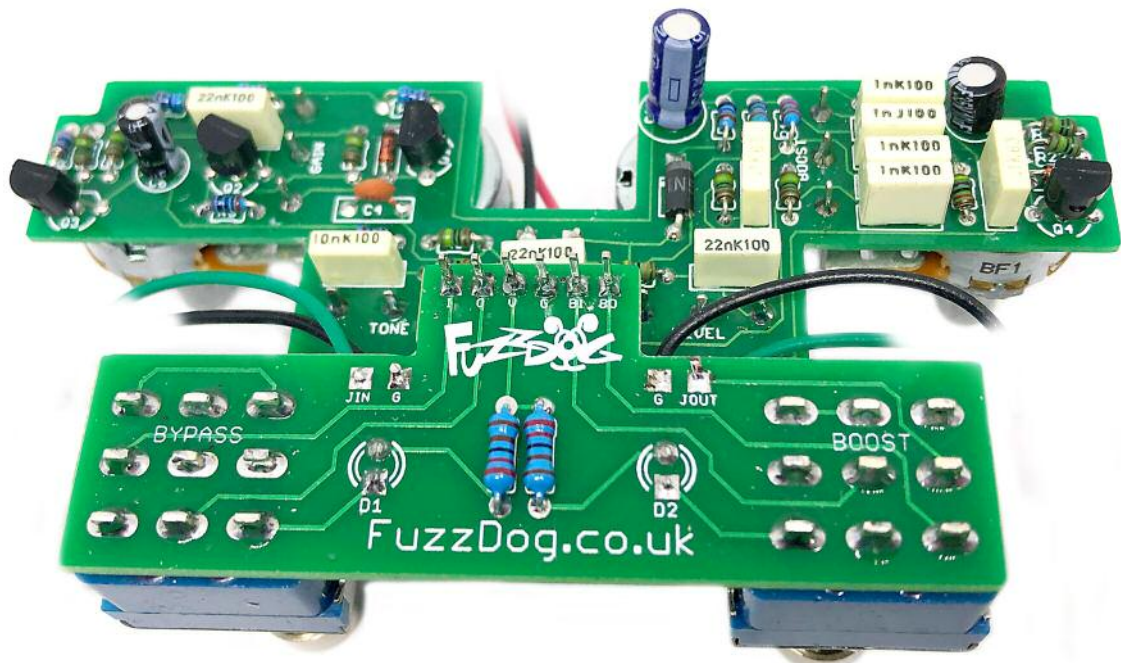
There's not much too it. Mount your footswitches in the enclosure, fully tight then back off a little.

Drop your assembled main PCB into place and secure it with pot nuts.

Slide your LEDs into the daughterboard and bend the legs a little to stop them falling out. Drop the daughterboard over the headers and onto the footswitches. Solder.

Once the two parts are fixed together, manoeuvre your LEDs into place and solder.

Wire up your jacks and DC and you're all set.



Drilling template

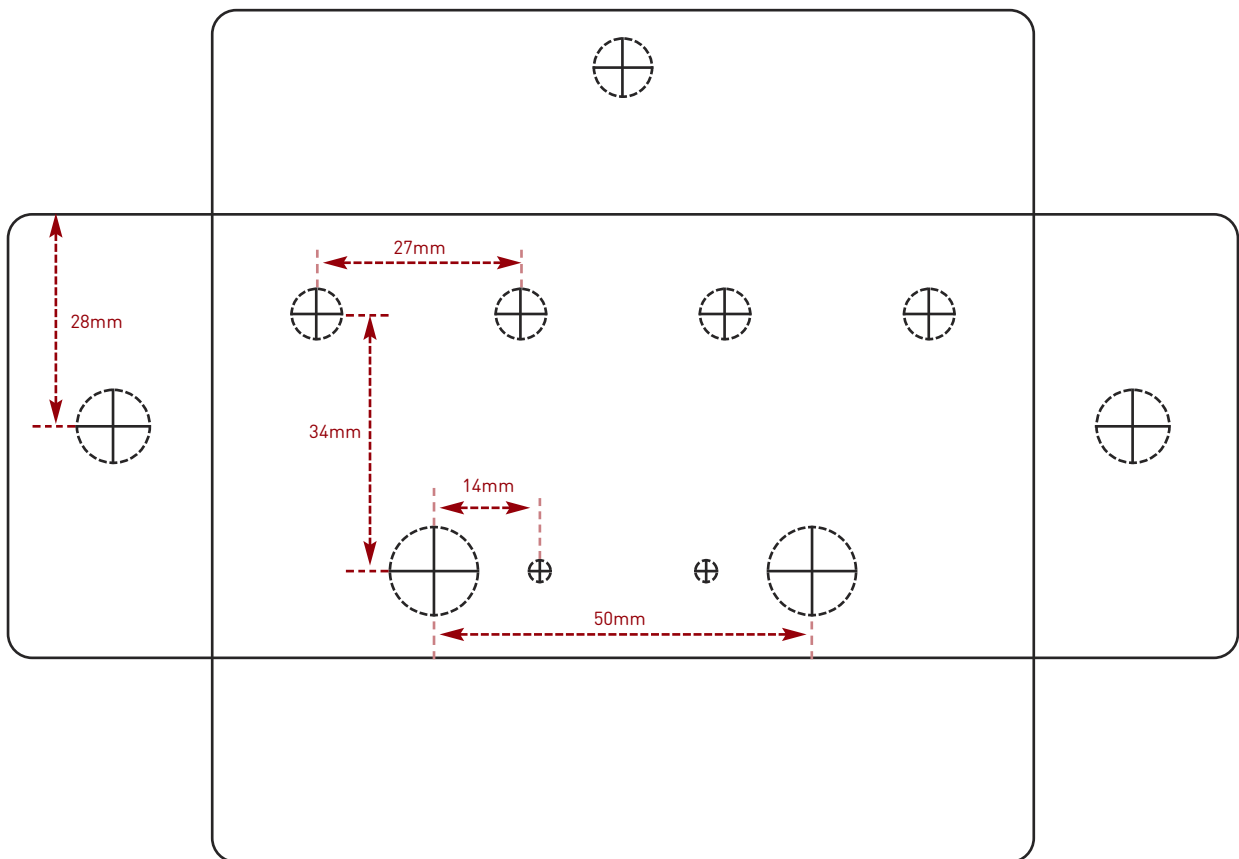
Hammond 1590B - 60 x 111 x 31mm

Drill sizes listed are minimum.

It's a good idea to add 1mm to anything mounted on the PCB that'll poke through the front of the enclosure.

Drill sizes:

Pots	7mm
Jacks	10mm
Footswitch	12mm
DC Socket	12mm
Toggle switches	6mm
Rotary switches	10mm



This template is a rough guide only. You should ensure correct marking of your enclosure before drilling. You use this template at your own risk.

Pedal Parts Ltd can accept no responsibility for incorrect drilling of enclosures.

FuzzDog.co.uk