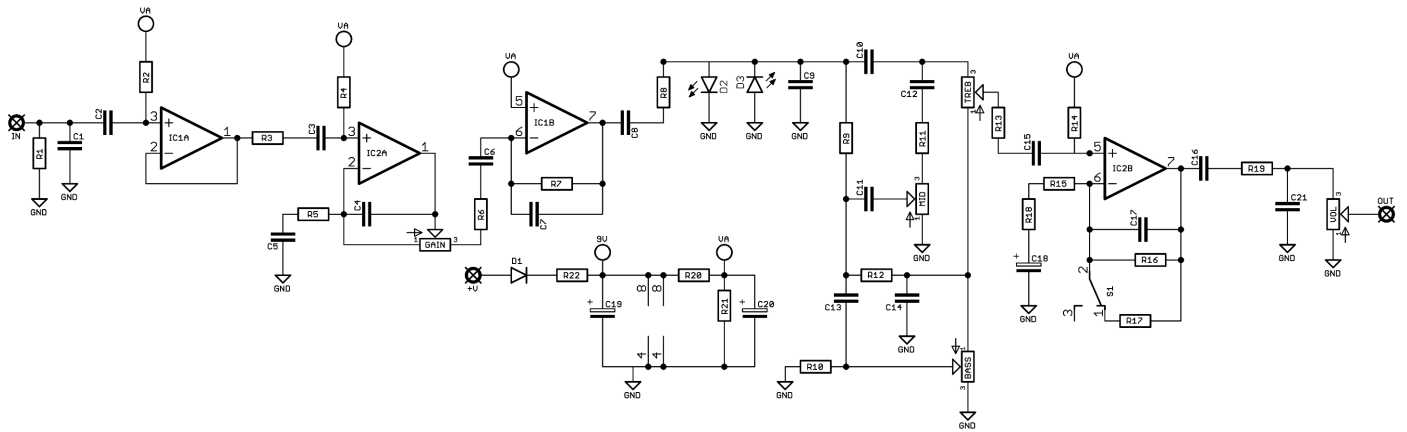# It's a Bomber!

## Explosive drive

Before you dig in, ensure you download and read the **General Build Guide**.
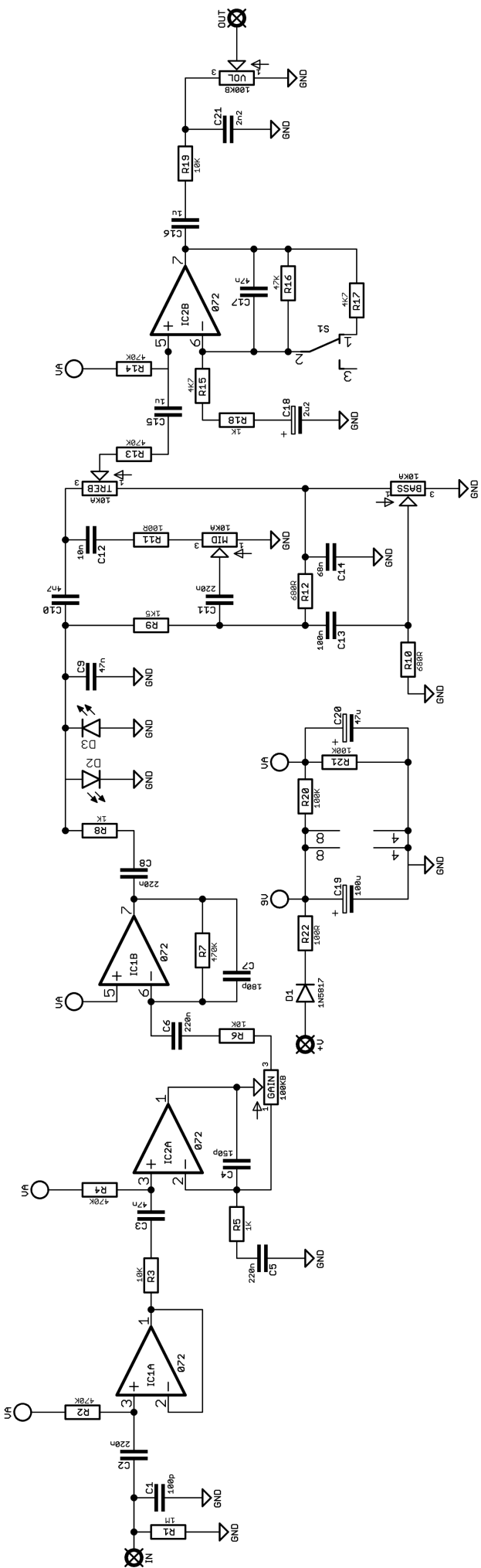
It contains all the information you need for a successful outcome.
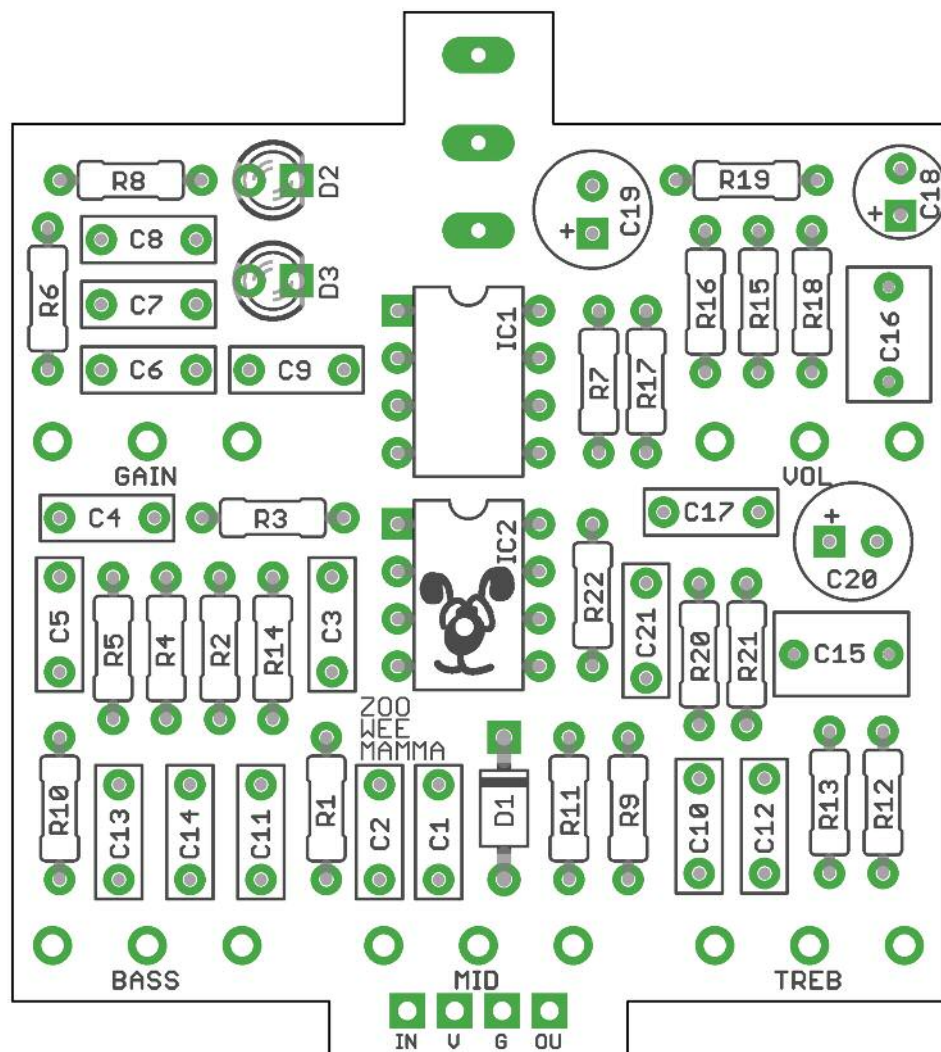
General
Build
Guide

Your first stop
for build info

FUZZDOG

# Schematic + BOM



| | | | | | | | |
|---|---|---|---|---|---|---|---|
| R1 | 1M | C1 | 100p | D1 | 1N5817 | | |
| R2 | 470K | C2 | 220n | D2-3 | 3mm red LEDs | | |
| R3 | 10K | C3 | 47n | | | | |
| R4 | 470K | C4 | 150p | IC1-2 | TL072 | | |
| R5 | 1K | C5 | 220n | | | | |
| R6 | 10K | C6 | 220n | BASS | 10KA | | |
| R7 | 470K | C7 | 180p | GAIN | 100KB | | |
| R8 | 1K | C8 | 220n | MID | 10KA | | |
| R9 | 1K5 | C9 | 47n | TREB | 10KA | | |
| R10 | 680R | C10 | 4n7 | VOL | 100KB | | |
| R11 | 100R | C11 | 220n | | | | |
| R12 | 680R | C12 | 10n | S1 | SPDT ON-ON | | |
| R13 | 470K | C13 | 100n | | | | |
| R14 | 470K | C14 | 68n | | | | |
| R15 | 4K7 | C15 | 1u | | | | |
| R16 | 47K | C16 | 1u | | | | |
| R17 | 4K7 | C17 | 47n | | | | |
| R18 | 1K | C18 | 2u2 elec | | | | |
| R19 | 10K | C19 | 100u elec | | | | |
| R20 | 100K | C20 | 47u elec | | | | |
| R21 | 100K | C21 | 2n2 | | | | |
| R22 | 100R | | | | | | |

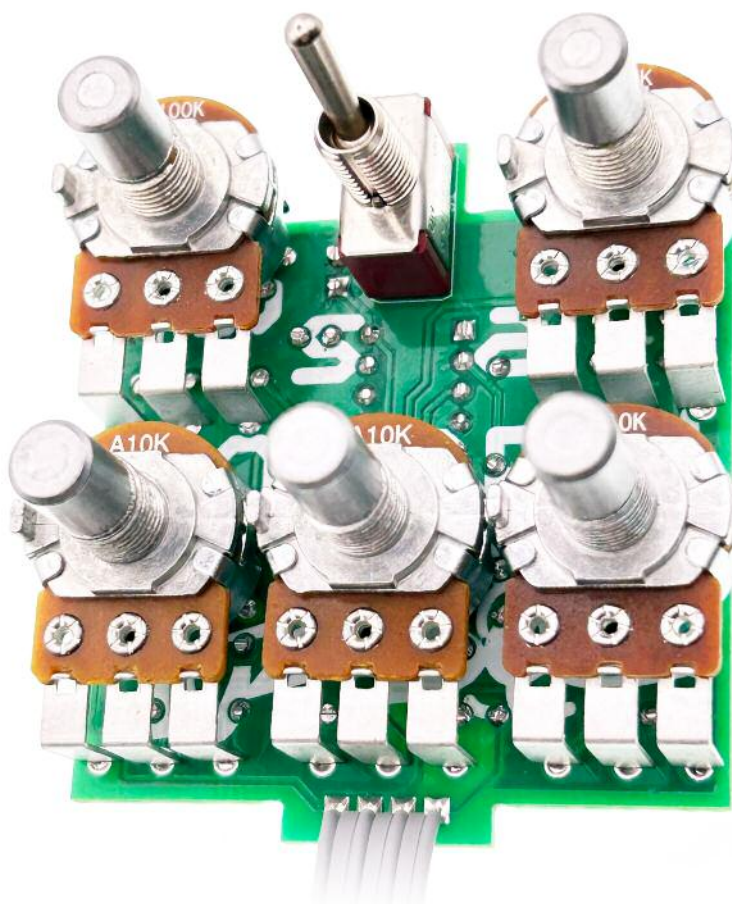| | | | |
|---|---|---|---|
| R8 | D2 | | |
| C8 | D3 | | R19 | C18 |
| R6 | C7 | | | |
| C6 | C9 | IC1 | R16 R15 R18 | C16 |
| | | | R7 R17 | |
| GAIN | | | VOL | |
| C4 | R3 | IC2 | C17 | |
| C5 R5 R4 R2 R14 C3 | | ZOO WEE MAMMA | R22 C21 R20 R21 | C20 C15 |
| R10 C13 C14 C11 R1 C2 C1 | D1 | R11 R9 | C10 C12 | R13 R12 |
| BASS | MID | | TREB | |

IN  V  G  OU

Snap the small metal tags 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.
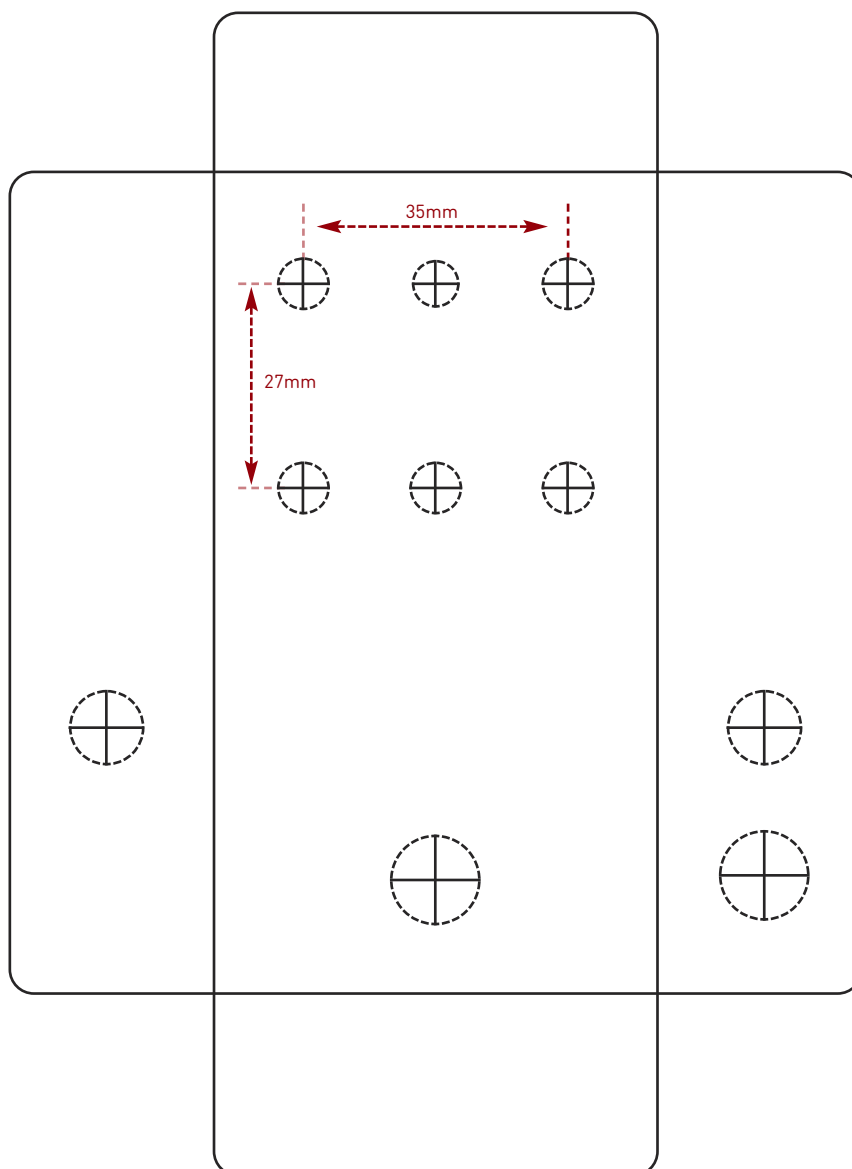
# Drilling template

## 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.