GuitarPCB Present

NostalgiTone “The Kicker” Single

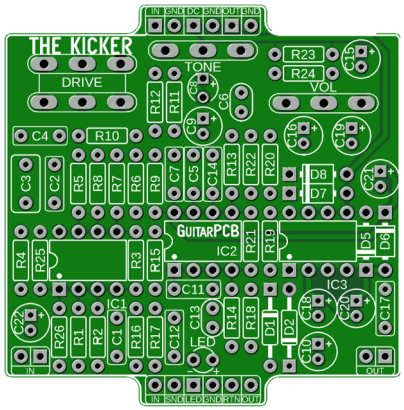
Are you ready to elevate your game? **The Kicker** is here to give you the ultimate sonic experience.

> **The Kicker captures the magic of the legendary Klon Centaur, delivering a rich harmonic boost, transparent overdrive, and the addictive clarity players love. It enhances your tone without masking it, whether you're pushing a clean amp or stacking into distortion. Two mods add even more versatility: the Fat Mod increases low-end punch, while the Ultra Gain Mod boosts available distortion. Easily switch between Stock and Mod values, giving you full control over your sound.**

🔌 Easy Wiring: No more daunting wiring hassles! Say hello to beauty under the hood. Enjoy all-analog tones with modern features that will slip into your gig bag, ensuring you are always ready to unleash your musical magic.

🛠️ Available Components: We recognize the hurdles of component availability. Rest assured, we've carefully selected components for the **NostalgiTone** series currently available from today’s popular vendors.

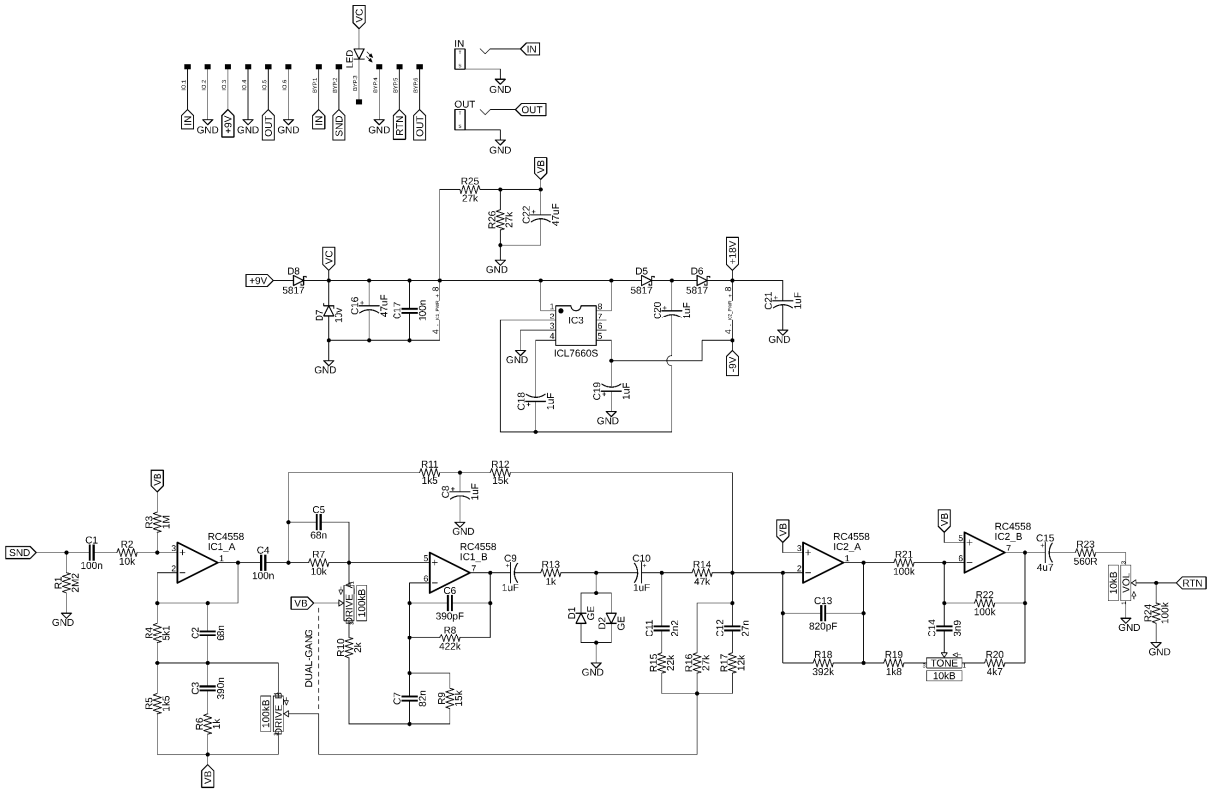
Do not settle for the ordinary when you can have extraordinary. Elevate your tone with the **NostalgiTone** series singles from GuitarPCB. Get yours today and discover a world of sonic possibilities like never before!



Mainboard Dimensions – 2.10” x 2.12” – Perfectly sized for a 1590B or 125B enclosure

Included with each PCB purchase. – (1) Mainboard, (1) wiring board, and (1) ribbon cable.

Schematic:



Bill of Materials:

Part	Value
R1	2M2
R2	10k
R3	1M
R4	5k1
R5	1k5
R6	1k
R7	10k
R8	422k
R9	15k
R10	2k
R11	1k5
R12	15k

Part	Value
R13	1k
R14	47k
R15	22k
R16	27k
R17	12k
R18	392k
R19	1k8
R20	4k7
R21	100k
R22	100k
R23	560R
R24	100k

Part	Value
R25	27k
R26	27k
C1	100n
C2	68n
C3	390n
C4	100n
C5	68n
C6	390pF
C7	82n
C8	1uF
C9	1uF
C10	1uF

Part	Value
C11	2n2
C12	27n
C13	820pF
C14	3n9
C15	4u7
C16	47uF
C17	100n
C18	1uF
C19	1uF
C20	1uF
C21	1uF
C22	47uF

Part	Value
D1 - D2	Germanium
D3 - D4	NONE
D5 - D6	1N5817
D7	10v - 11v Zener
D8	1N5817
LED	Status
* CLR	1k8 - 4k7
IC1 - IC2	RC4558
IC3	ICL7660S
VOL	B10K
TONE	B10K
DRIVE	B100K Dual

Build Notes:

D3 and D4 are skipped in the numbering. No components are needed for these locations, and they are not shown on the PCB silkscreen.

D7 use any 10v to 11v Zener Diode. Serves as protection for the Charge Pump. Only power your pedal with a 9-volt supply.

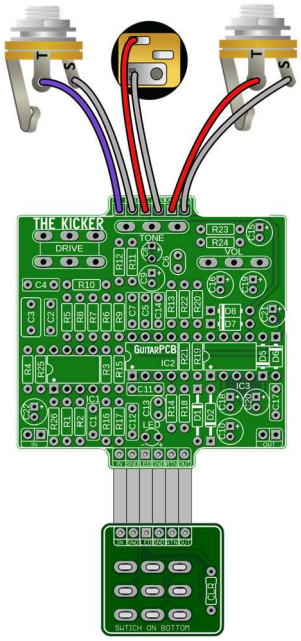
Included with the purchase of the main PCB board will be (1) standard foot switch wiring board (6-pins), and (1) standard 6-pin ribbon cable. This simplifies the wiring process while keeping troubleshooting and noise to a minimum.

Use a standard **6-pin ribbon cable** to connect the foot switch wiring board to the main board. Each **3PDT wiring board** includes an onboard Current Limiting Resistor (CLR) location to control and protect the brightness of the main board's status LED. *** CLR** requires a value between 1k8 (brighter) and 4k7 (dimmer), depending on your preferred LED brightness.

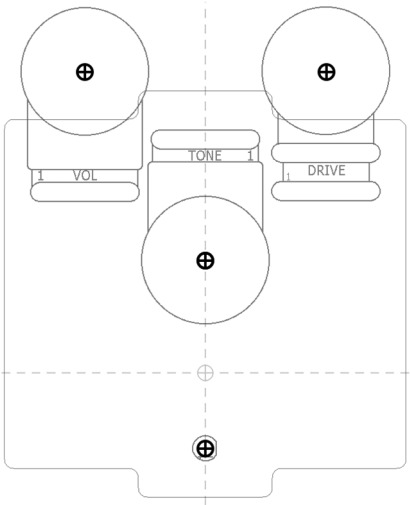
Several resistor and capacitor values are non-standard; these match the original circuit's component tolerances, ensuring faithful reproduction of its intended frequency response, dynamic range, and tonal characteristics.

Only use a 9-volt Negative Tip power Supply. There is no benefit to increasing the voltage and it can damage your pedal.

Wiring Diagram



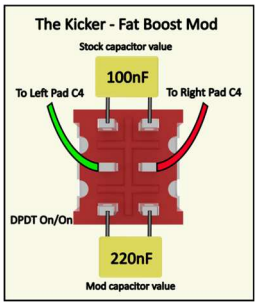
Generic Drill Template



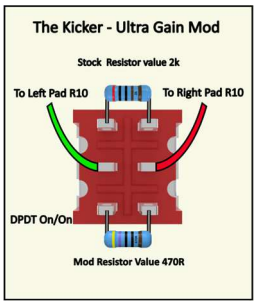
Note: Extra IN/OUT pads are located at the bottom of the PCB for convenient side jack wiring. The square pad connects the audio signal (Tip), and the round pad connects the ground.

MOD SECTION: Mods are not included with Kits. Enclosure templates do not have drill holes for Mods.

Fat Mod: Increases bass response by swapping the stock 100nF cap for a 220nF, adding more bottom end.

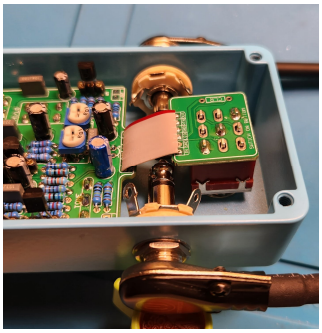


Ultra Gain Mod: Increases overall gain for added distortion and a more aggressive tone.



Note: When soldering components to your DPDT On/On switch, take care not to overheat or shift the lugs, as this can cause the Mod to malfunction. For easier and more reliable modding, consider using one of our DPDT wiring boards from the Shop.

When using 1590B enclosures, it is best to mount the ribbon cable on top of the main board/3PDT wiring board instead of underneath. This is because the enclosure's compact size restricts space for the side jack Input and Output plugs.



The full-size drill templates for 125B and 1590B enclosures can be found on the following two pages. Additionally, you can find a link to Tayda's pre-drilled enclosures on the shop page at GuitarPCB.com.

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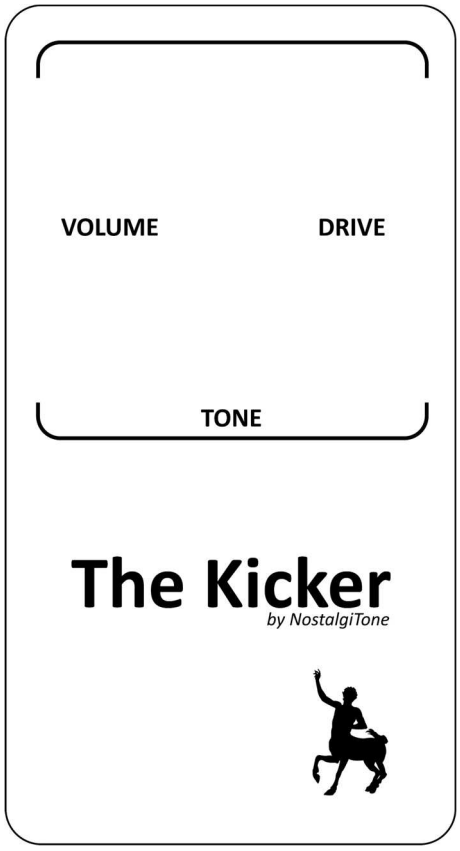
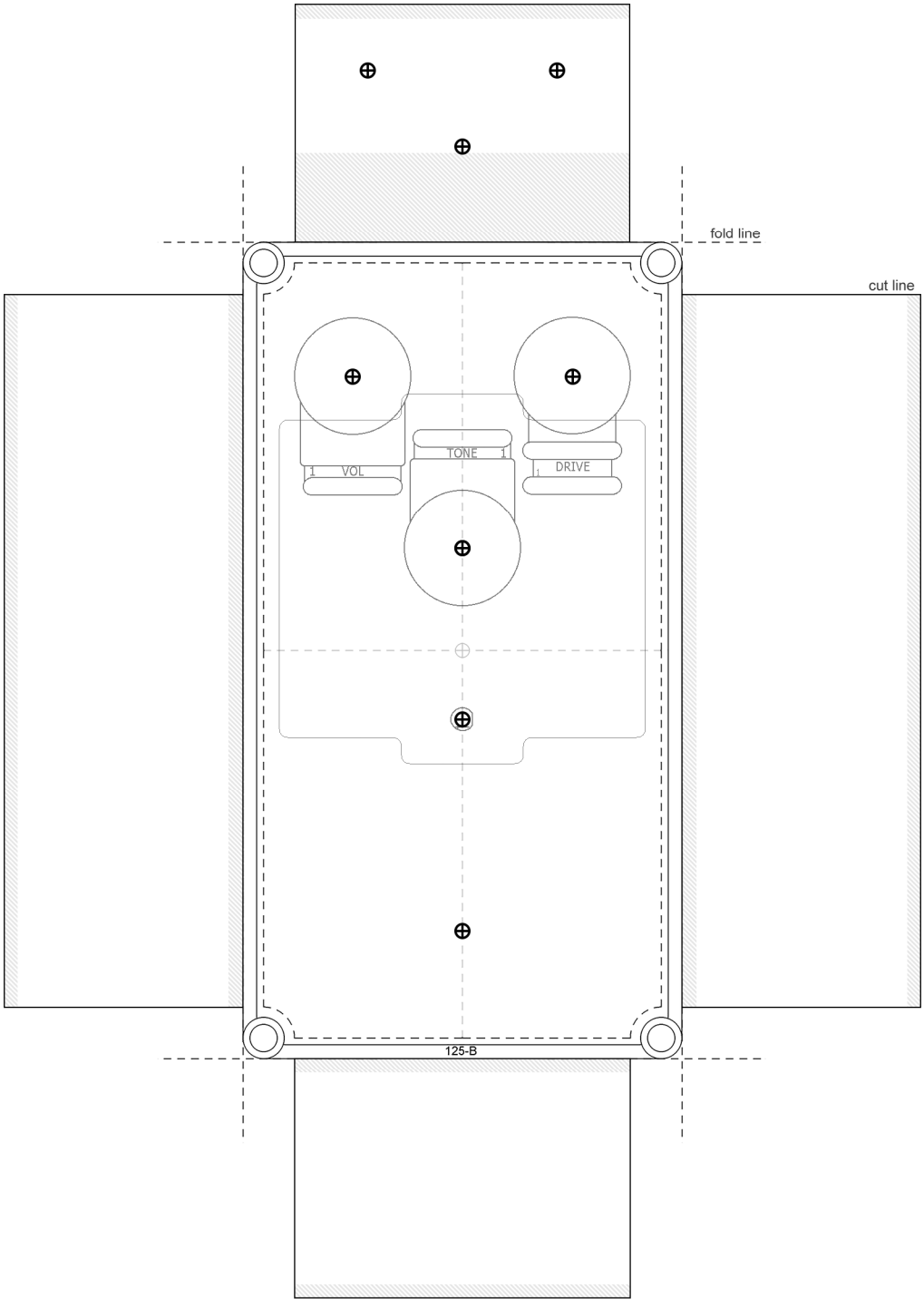
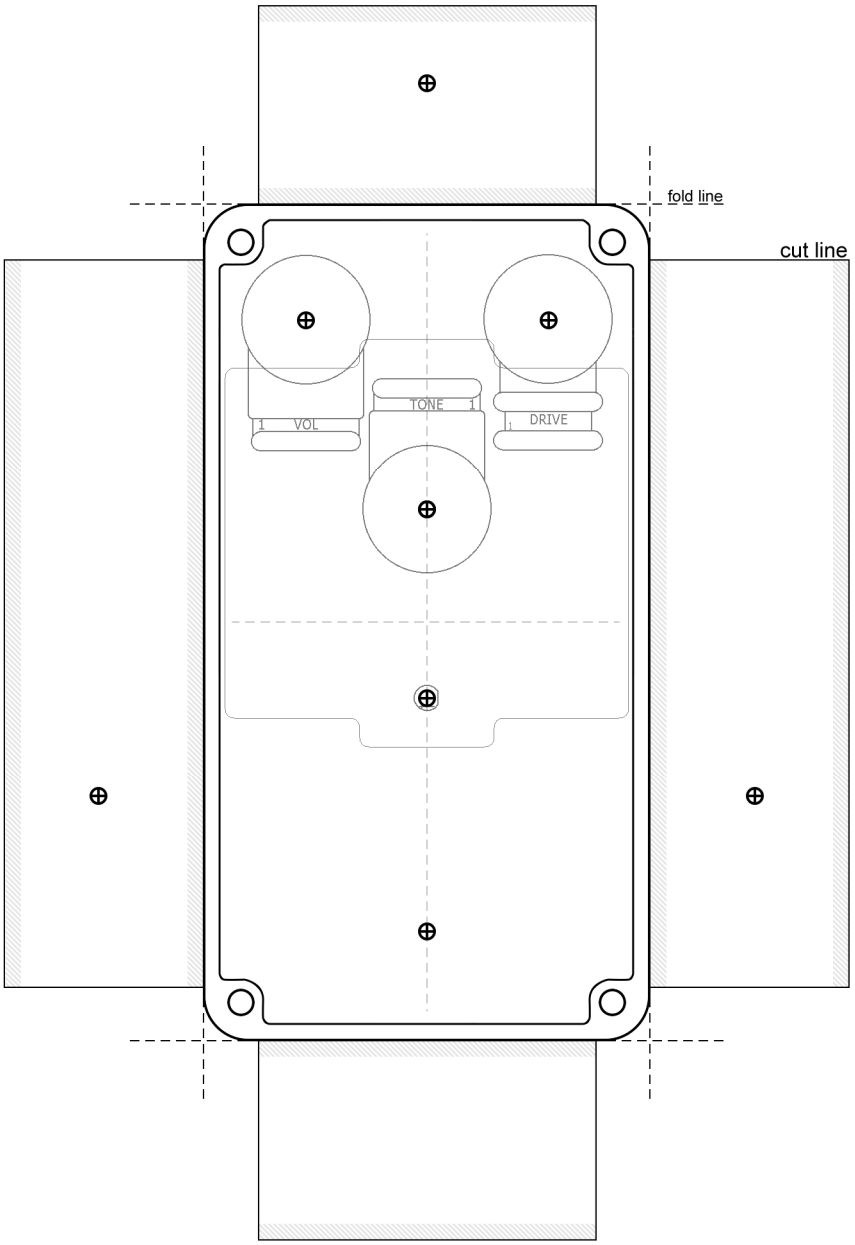


Drill Templates for 1590B and 125B are on the next two pages.



125B Drill Template



1590B Drill Template