

ColorSound™ Bass Fuzz Replica Instructions

Version 2015April22

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This is a replica of the **ColorSound Bass Fuzz**.

Follow the General Instructions and the layout diagram. This project is built on a “Multi-Use” PCB, meaning there are other projects that can be built on this same PCB (See the Supa ToneBender and Jumbo ToneBender projects). Note from the layout diagram and the photo below that there are five components (R1, R18, R19, C1 & C10) that are in alternate positions. **Follow the Layout Diagram, not the screen print on the PCB for those components.** Note also that there are a lot of blank spots on the PCB where there are no components installed. C14 needs to be installed with the positive lead away from the edge as shown in the diagram. Transistors need to be installed as shown on the PCB, diagram and photo below.

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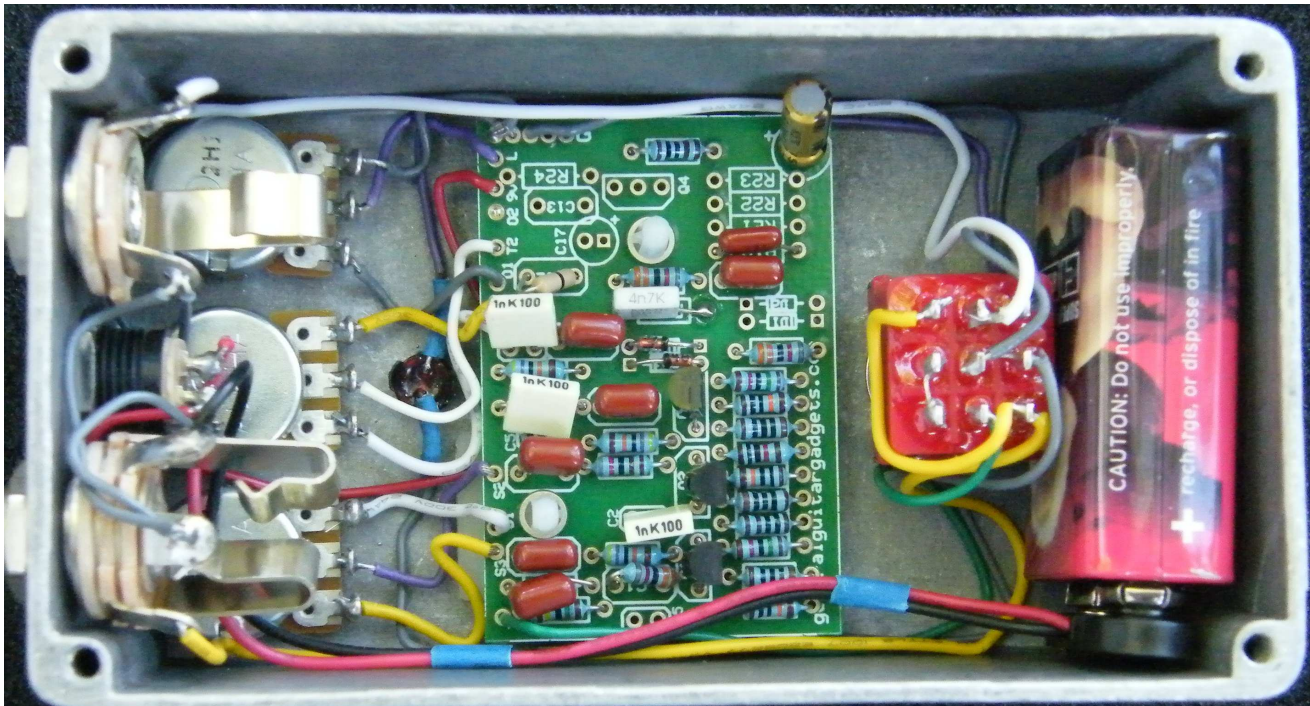
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Here's an inside view of the unit we built to show some construction details.





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Here is a chart of voltages taken at the transistor pins. This information can be used to help you find and fix problems if your Bass Fuzz doesn't work when you test it.

Component	Location	Voltage
9 volt supply		9.4 (One Spot)
Q1	Collector	3.7v
	Base	0.6v
	Emitter	0.03v
Q2	Collector	4.1v
	Base	0.6v
	Emitter	0.05v
Q3	Collector	3.7v
	Base	0.6v
	Emitter	0.03v

Have fun, comments and questions are welcome and can be sent to info@generalguitargadgets.com