

BMP (Electro-Harmonix Big Muff Pi™ Replica) Instructions

Version 2011September30

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This is a replica of the **Electro-Harmonix Big Muff Pi** referred to as **BMP** in these documents. This is one of the most famous distortion pedals, described by some as violin sounding and very heavy but sustained and smooth distortion.

Use the project documents provided, starting with the General Build Instructions. All versions listed on the site use the same wiring diagram. Use the parts layout diagrams to populate the parts for whichever version you are building.

Here's an inside view of the unit we built to give you some general ideas if needed.

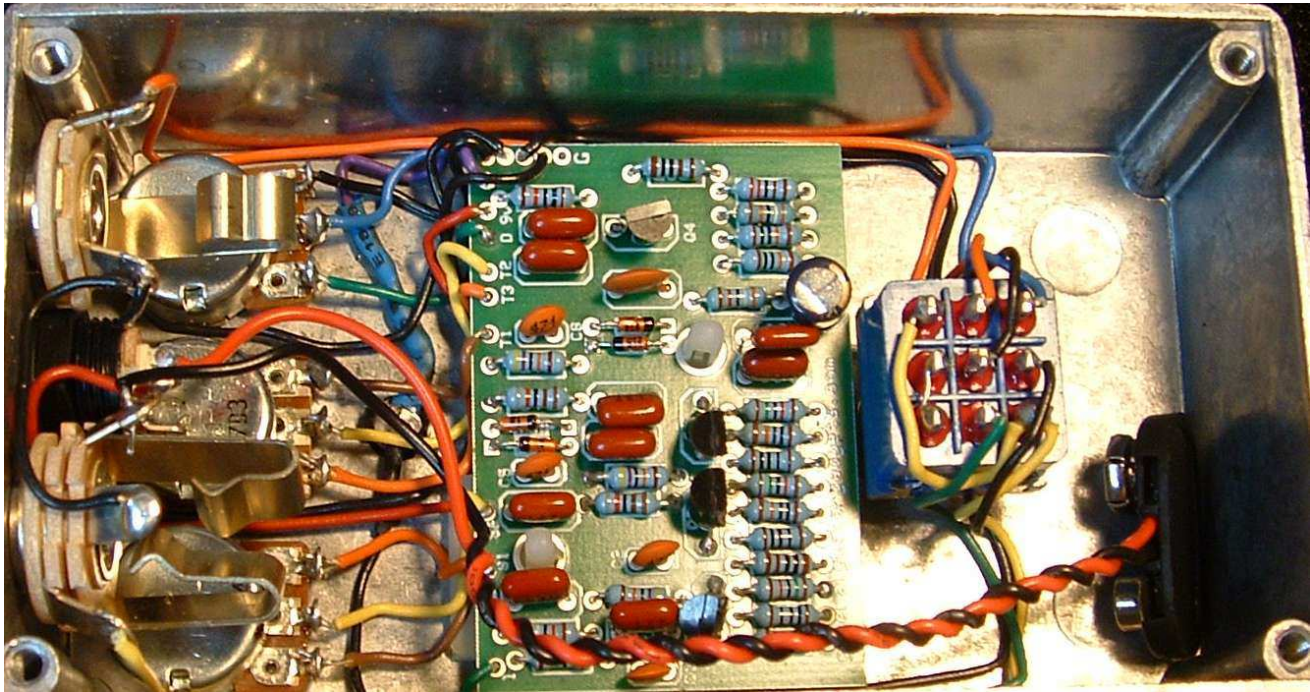
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Comments and questions are welcome and can be sent to info@generalguitargadgets.com

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 BMP doesn't work when you test it.

Component	Location	Voltage
9 volt power supply		8.8
Q1	Collector	3.9
	Base	0.6
	Emitter	0.03
Q2	Collector	3.8
	Base	0.6
	Emitter	0.03



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Q3	Collector	3.8
	Base	0.6
	Emitter	0.03
Q4	Collector	4.0
	Base	2.5
	Emitter	1.8