



# EMTR (EXH™ Muff Fuzz™ Replica) Transistor Version Bill of Materials
















Version 2009May26

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## Resistors:

Resistor ID	Value	3-band Marking	4-band Marking
R1	100k	 brown-black-yellow	 brown-black-black-orange
R2	10k	 brown-black-orange	 brown-black-black-red
R3	100k	 brown-black-yellow	 brown-black-black-orange
R4	100k	 brown-black-yellow	 brown-black-black-orange
R5	2k7 (2.7k)	 red-violet-red	 red-violet-black-brown
R6	100k Log Potentiometer		
R7	1k	 brown-black-red	 brown-black-black-brown
R8	1M5 (1.5M)	 brown-green-green	 brown-green-black-yellow
R9	0 ohm or jumper wire	 black	 black

## Capacitors:

Capacitor ID	Value	Type	Possible Marking
C1	0.1 $\mu$ F	Film	104
C2	0.1 $\mu$ F	Film	104
C3	47 $\mu$ F	Aluminum Electrolytic	47 $\mu$ F

## Potentiometers:

Part ID	Value	Type
R6 - Volume Control	100k	Log (or Audio) Taper



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## Other:

Part ID	Part Name
D1	1N914
D2	1N914
Q1	2N5089
Q2	2N5089
J1	Stereo quarter-inch jack
J2	Mono quarter-inch jack
J3	DC Jack
B1	9 volt battery (not included in the Kit)
Sw1	Heavy Duty 3PDT foot switch
	9v battery snap, Printed Circuit Board, 24 gauge stranded wire, Enclosure, Knobs