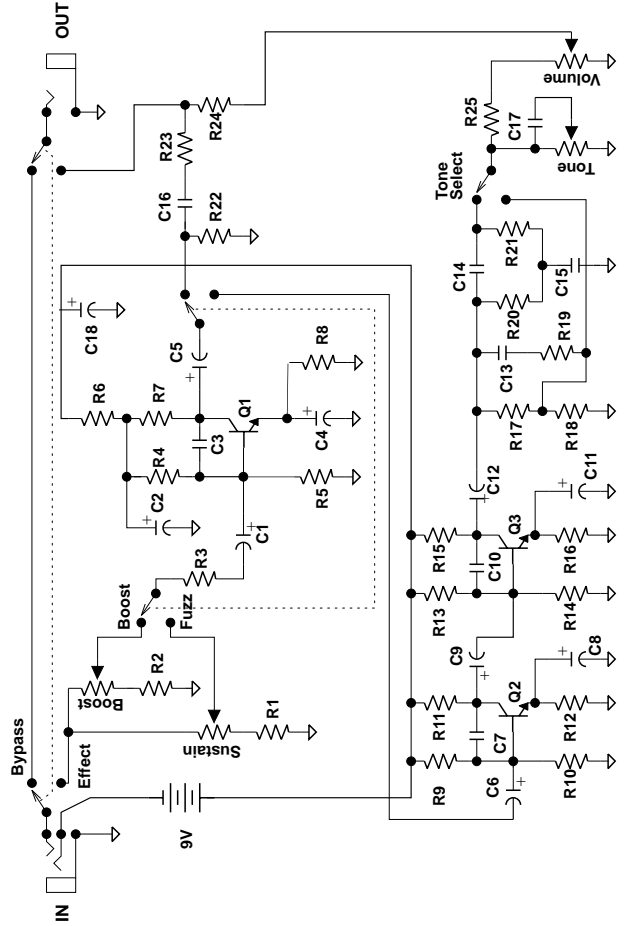
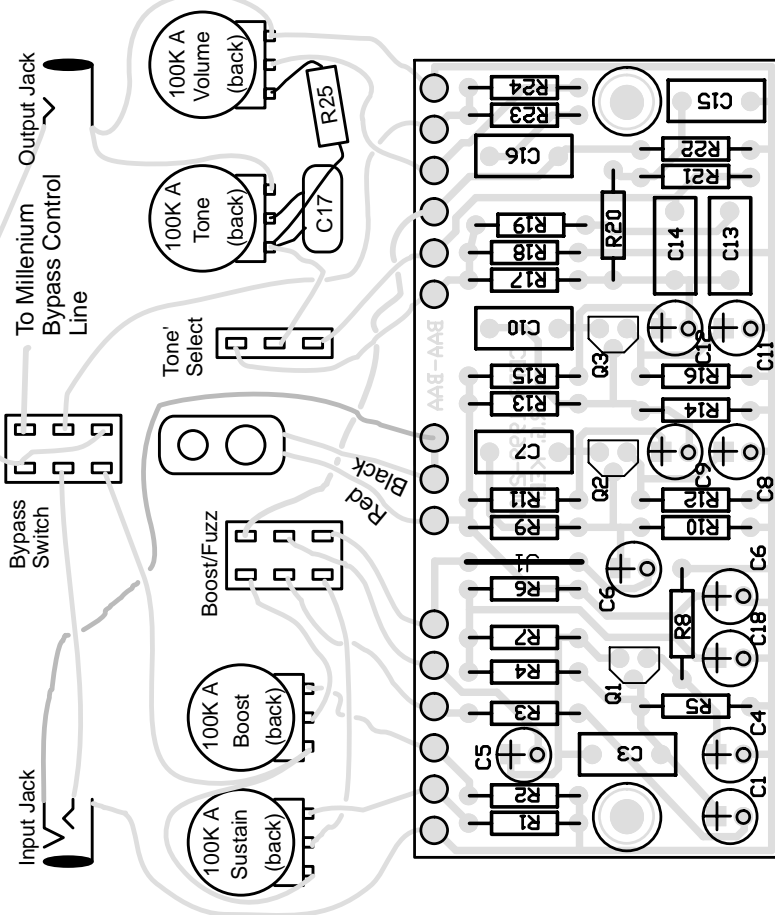


Baa-Baa Distortion



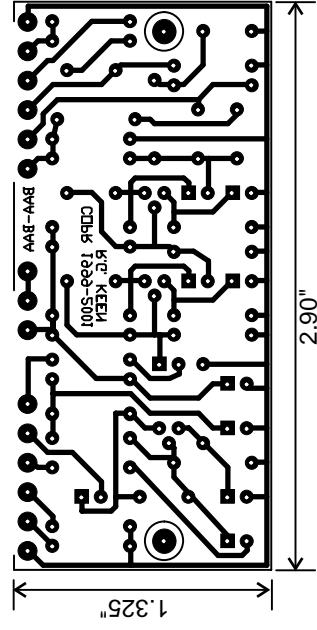
Baa-Baa Distortion

- | | | |
|----------------|------------------|--------------------------------|
| R1 1K | C1 1uF | Q1-3 2N3904 or 2N5088 |
| R2 10K | C2 47uF | Boost/Fuzz Switch DPDT toggle |
| R3 1K | C3 100pF | Tone Select Switch SPDT toggle |
| R4 100K | C4 10uF | Bypass Switch Carling 317PP |
| R5 18K | C5 1uF | Input Jack Switchcraft 112B |
| R6 1K | C6 1uF | Output Jack Switchcraft 111 |
| R7 10K | C7 4700pF (4N7) | Battery clip |
| R8 1.8K (1K8) | C8 1uF | Enclosure |
| R9 100K | C9 1uF | Knobs |
| R10 15K | C10 4700pF (4N7) | |
| R11 10K | C11 10uF | |
| R12 1.5K (1K5) | C12 1uF | |
| R13 100K | C13 2200pF (2N2) | |
| R14 15K | C14 2200pF (2N2) | |
| R15 10K | C15 0.1uF | |
| R16 1.5K (1K5) | C16 6800pF (6N8) | |
| R17 33K | C17 2200pF (2N2) | |
| R18 10K | C18 47uF | |
| R19 47K | | |
| R20 47K | | |
| R21 22K | | |
| R22 220K | | |
| R23 10K | | |
| R24 47K | | |
| R25 68K | | |
- Layout assumes EBC pinout for all three transistors. The original pedal used Japanese transistors with ECB pinout, like the 2SC828. Using ECB pinout devices like the 2SC828 or BC549 will require you to bend the leads to fit into the EBC pinout hole pattern
- Do not forget Jumper J1.

Diagnostic Voltages -

Q1 C = 4.9 to 5.5 B = 1.2 to 1.3 E = 0.55 to 0.65
 Q2 and Q3 C = 5.1 to 5.6 B = 1.1 to 1.2 E = 0.5 to 0.6

Toner Transfer Pattern - actual size



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