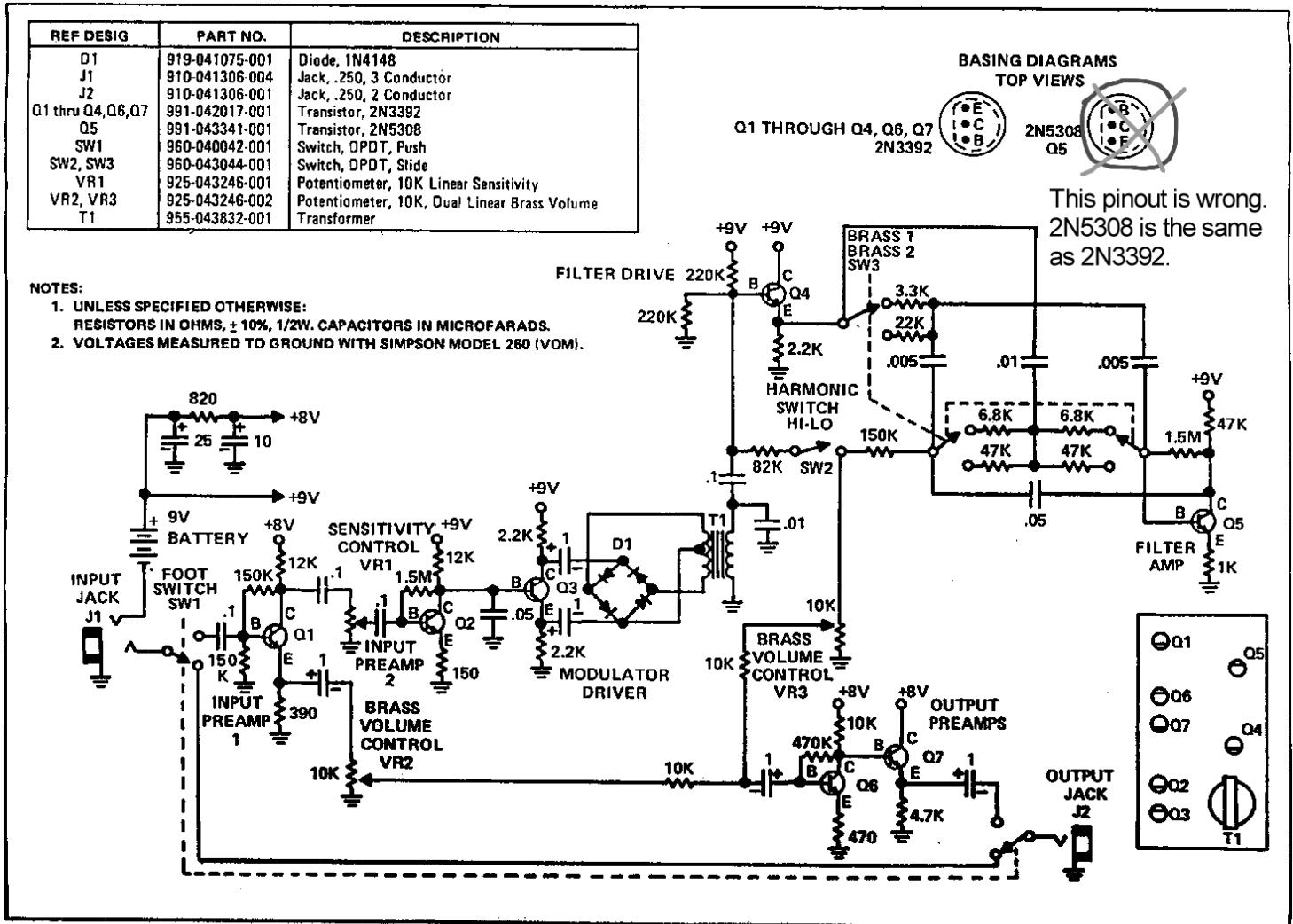


Corrected Maestro Bass Brassmaster BB-1

After a great deal of detective work by some effects makers and comparisons with original units, it has been determined that the manufacturer's schematic for the Maestro Bass Brassmaster model BB-1 is incorrect in one small way: the pinout for the darlington device (2N5308) is shown backwards. This is shown in the corrected schematic below.

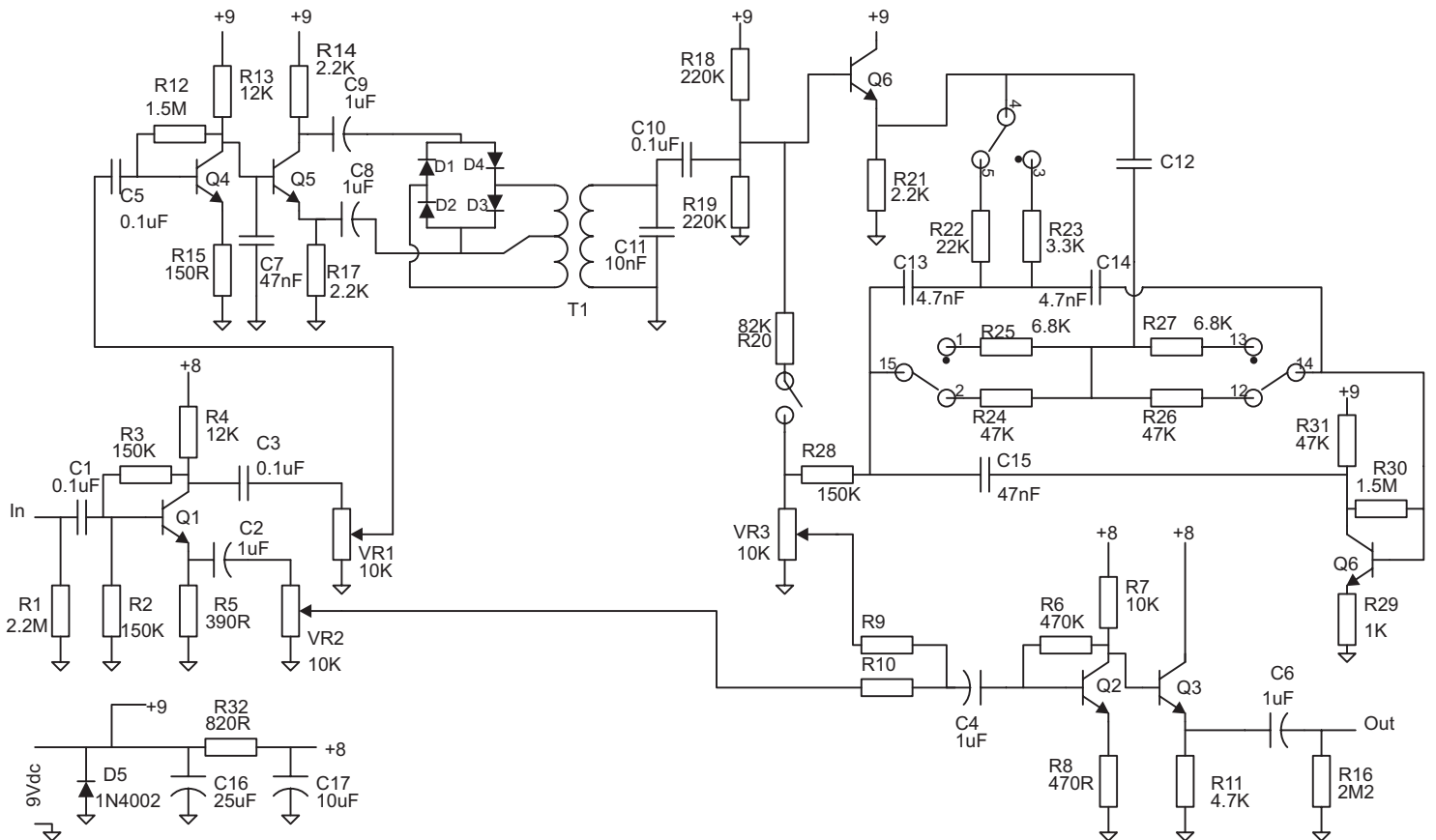
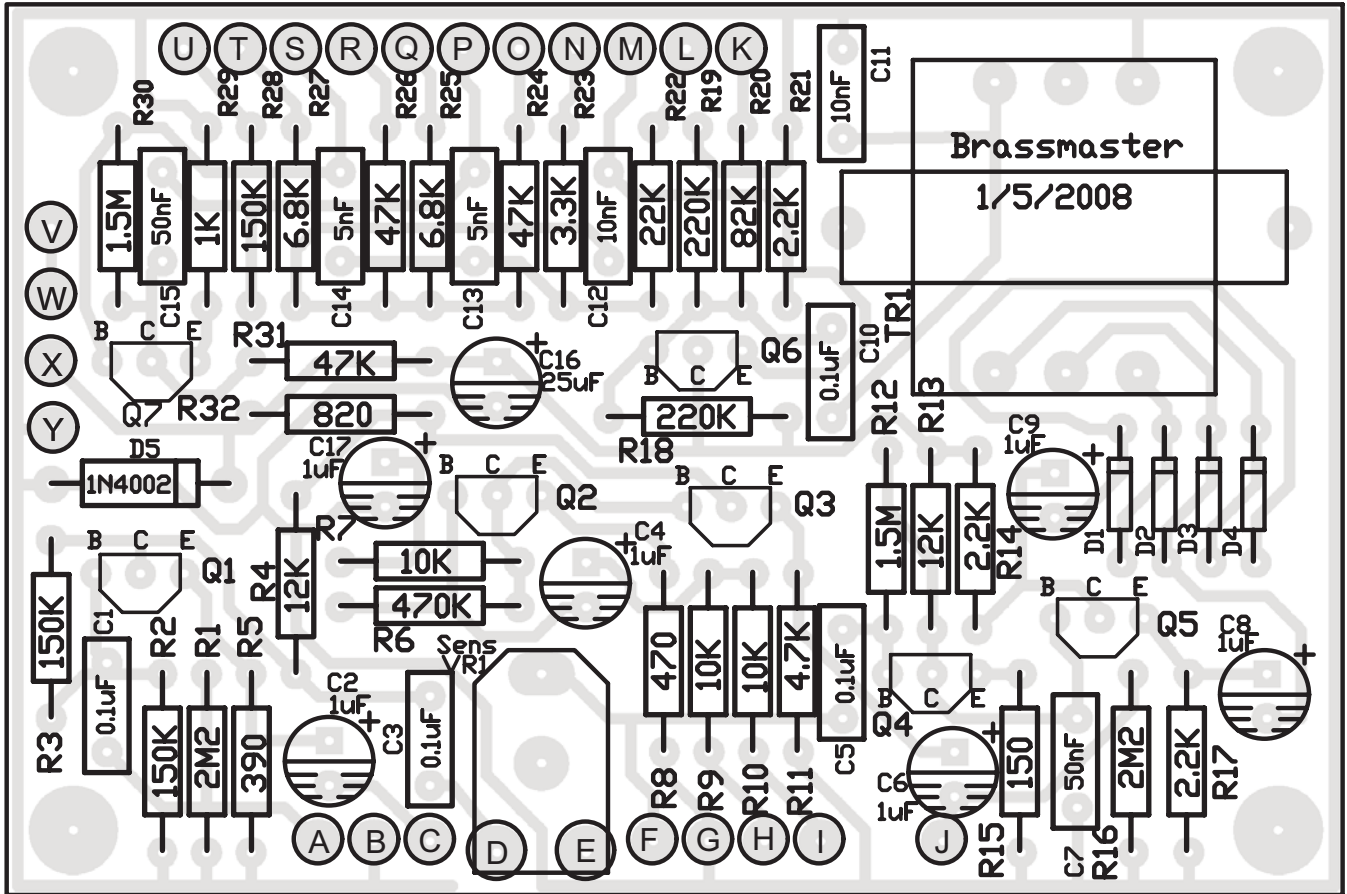


BASS BRASSMASTER MODEL BB-1

The Bass Brassmaster PCB sold by General Guitar Gadgets properly reflects the schematic except in three ways. These are:

1. The positioning of the Darlington is show according to the original, incorrect schematic diagram. This can be corrected by turning the transistor 180 degrees in the mounting holes.
2. The nomenclature for R22 and R27 was reversed on the schematic noting the part numbers for the PCB. If these are reversed, it is then correct compared to the schematic, and has been proven to work properly.
3. The switching on the filter was simplified to simply put one resistor in parallel with the other. For instance, instead of switching from 47K to 6.8K, the two were simply paralleled. This makes the switching much simpler, requiring only a 3PST instead of a 3PDT switch. It does change the filter frequency slightly, making the high position about 14% higher in frequency. In practice, this changes the sound of the effect very little.

However... I have updated the PCB layout.



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