

SBB (Alembic™ Stratoblaster™ Booster Replica) Instructions

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This is the SBB booster kit. It is a replica of the Alembic™ Stratoblaster™. This booster is an easy-to-build project that will produce a good clean boost and "fatness" to your guitar signal. The booster has many applications, including driving the tube preamp in your amplifier into nice distortion, driving other effects into new sonic territory or simply bringing up the volume of an effects loop when needed for lead guitar solos.

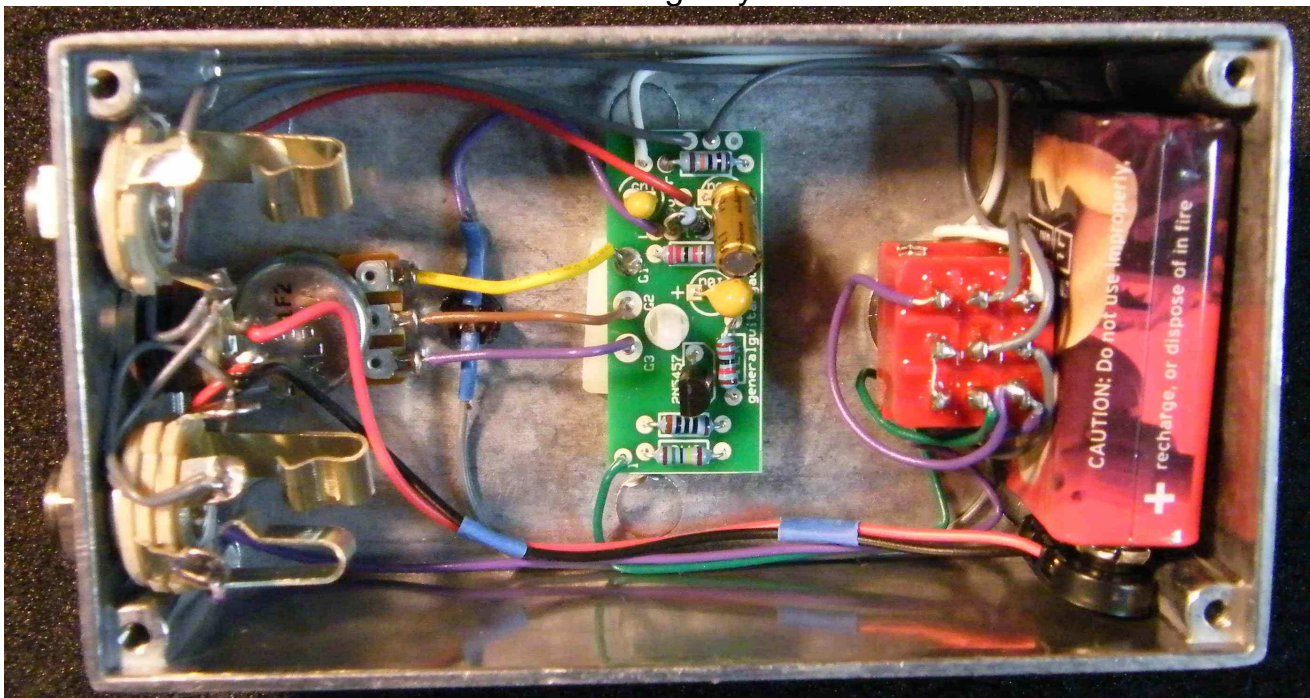
The circuit is a single transistor stage that will give the signal some amplification. Clean and transparent for the most part.

Use the project documents provided, starting with the General Build Instructions. Note that all the capacitors, including the tantalum caps C1 and C2 are polarized and need to be installed with the correct polarity. The long lead of the capacitors go in the square holes. The kit includes the parts to build it with the original values and also the parts for the updated version.

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Here's an inside view of the unit we built to give you a real view of our construction.



Here is a chart of voltages taken at the transistor pins. Use these voltages as a guideline. You may not get the exact readings listed, but should be somewhere in this general range.

| Component | Location | Voltage |
|---------------------|-----------------|----------------|
| 9 volt power supply | | 9v |
| Q1 | Drain | 6.9v |
| | Source | 1.0v |
| | Gate | 0v |