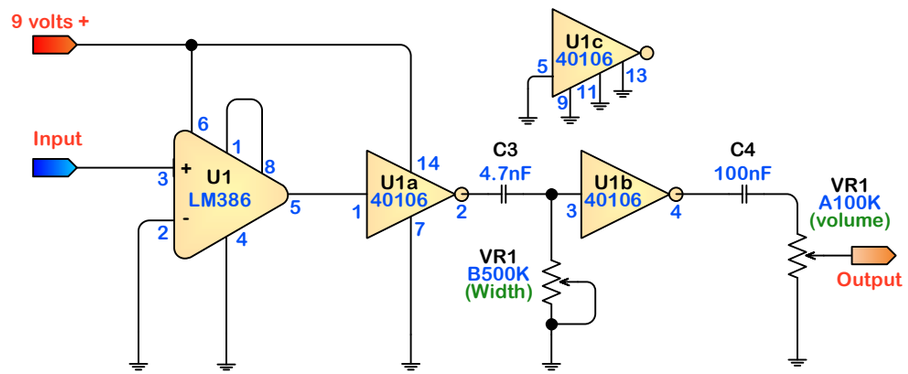
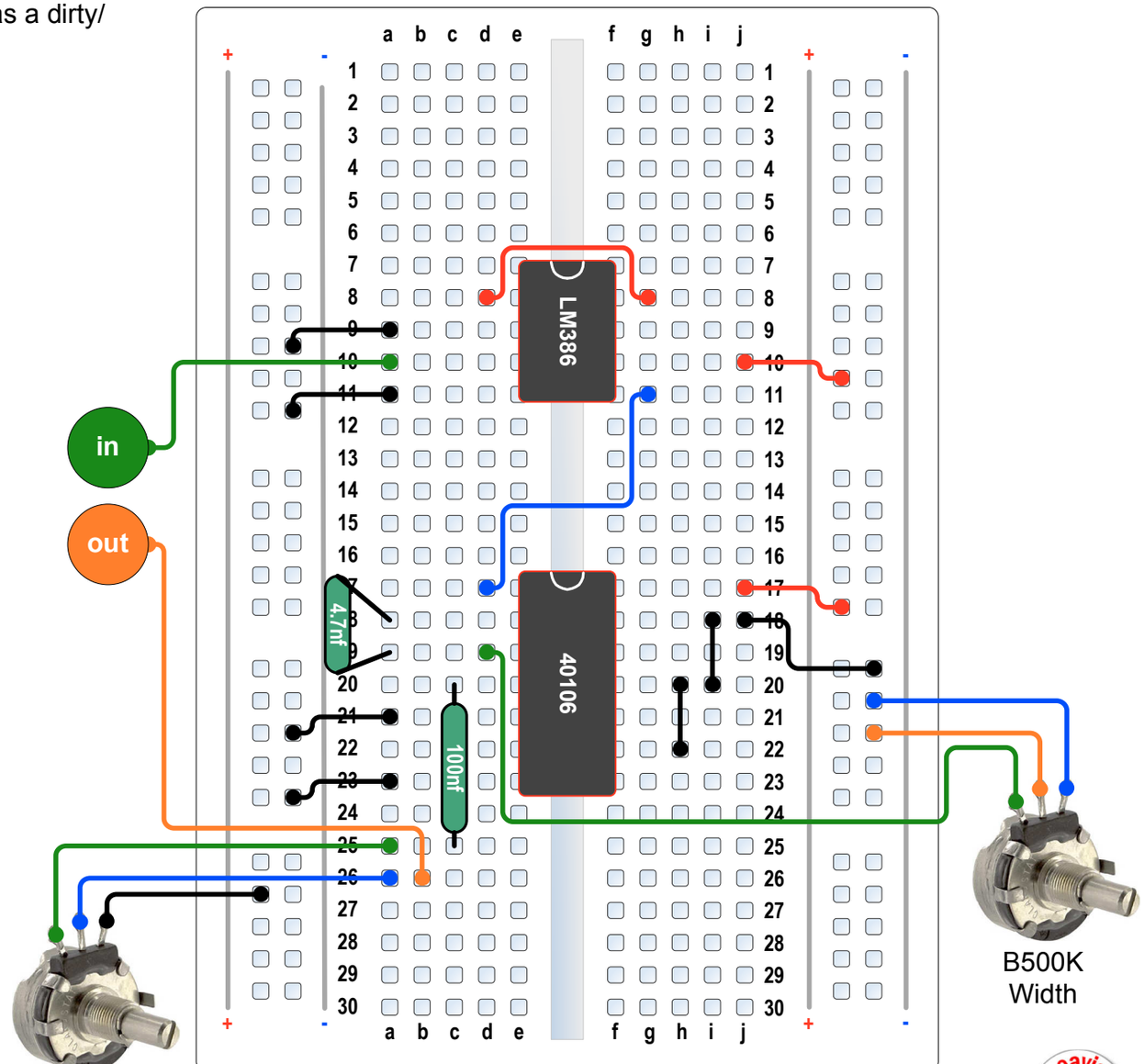
PWM

Here's a great distortion/fuzz circuit from Tim Escobedo (http://www.geocities.com/tpe123/folkurban/fuzz/snippets.html). It uses a couple of gates from a 40106 Schmitt trigger chip to generate a unique distortion sound. The 386 chip is used to boost the guitar signal to a high enough level to feed the 40106. In fact the 386 part of the circuit could stand on its own as a dirty/overdrive booster or distortion.



Mods!

- For more gain from the 386 section, add a 4.7 uf electrolytic from pin 1 to ground. Connect the positive side to pin 1 and the negative side to ground.
- Try both the LM386 and the NJM/JRC386 chips to see which sounds better to you.
- Voltage Sag! Audio circuits based on this chip can get squishy and compressed when you lower the voltage. Try turning down the voltage a bit on the i/o breakout box to experiment.



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