

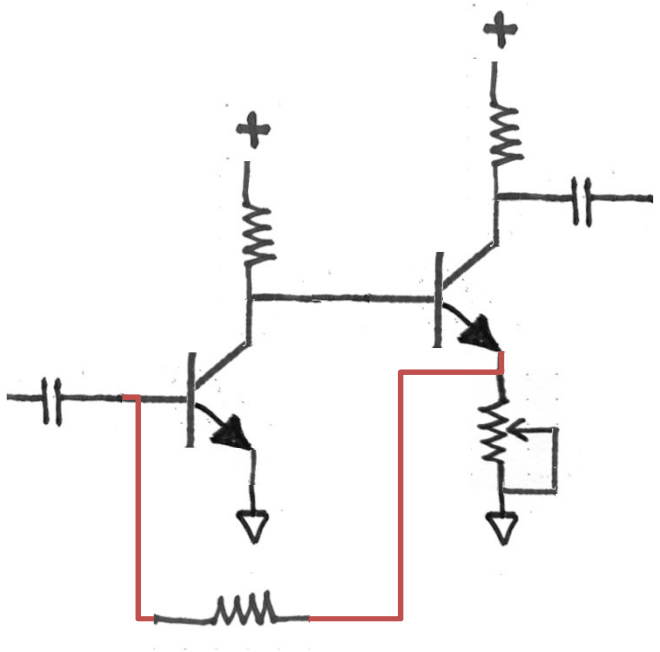
Face Factory

Mad Scientist Guitar Lab
William Jehle

2026/09/28

2-Transistor English Fuzz (Dallas Arbiter Fuzz Face Topology)

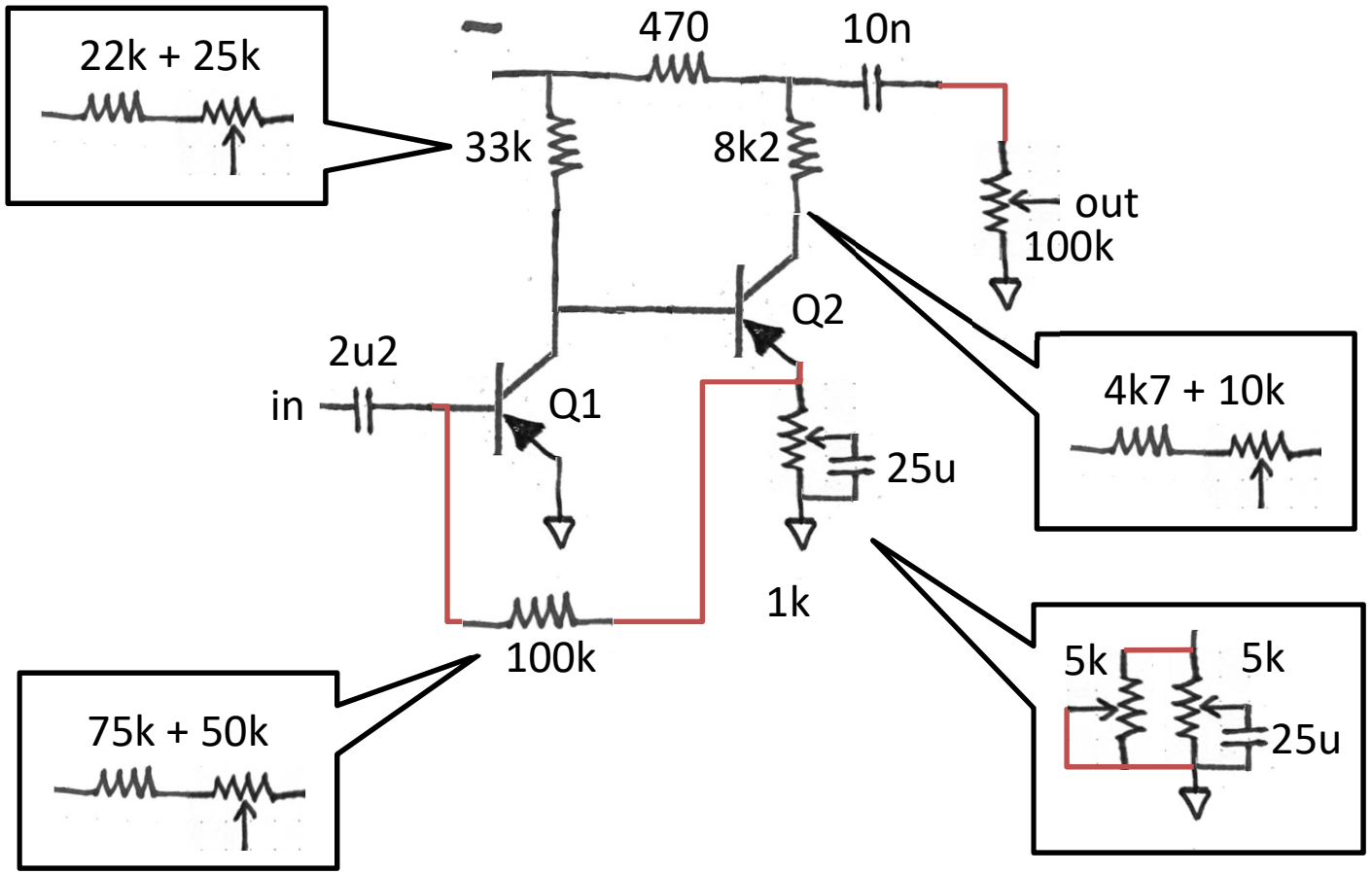




Arbiter Fuzz Face
Colorsound Fuzz Box
Dallas Aribiter Fuzz Face
EHX Muff Fuzz / Little Muff Pi
EHX Muff Fuzz EH2008 and 2009
Goya Fury
Goya Panther
Jennings Fuzz
Marshall Supa Fuzz
Park Fuzz Sound
Rangemaster Fuzzbug
Roger Mayer Axis Fuzz
Rotosound Fuzz Box
Sola Sound Tone Bender MK 1.5 (1.V)
Tone Bender MK1.5
Vox V816 Distortion Booster
Vox V8161
Vox V8162
Vox V8163
Vox V828

Test circuit

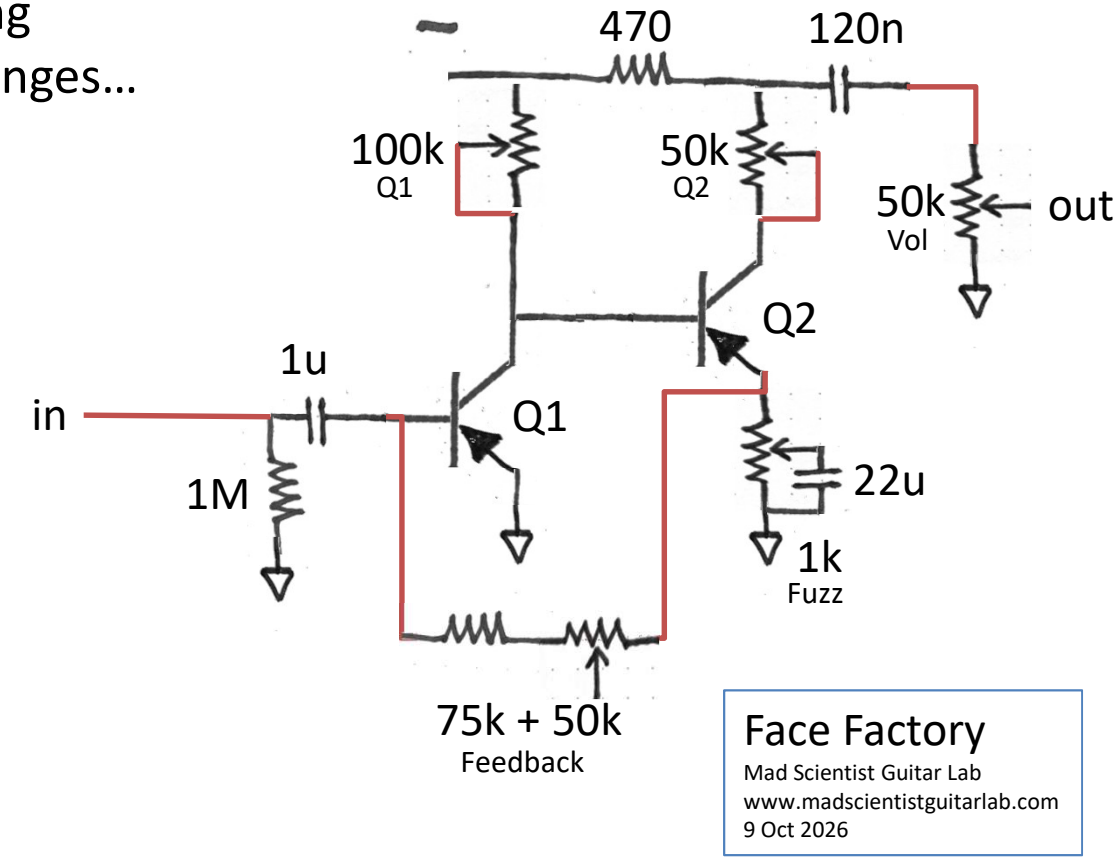
2-Transistor English Fuzz (Dallas Arbiter Fuzz Face Topology)
Original schematic with initial Adjust-o-matic ideas to adjust the circuit



Test circuit

2-Transistor English Fuzz (Dallas Arbiter Fuzz Face Topology)
Adjust-o-matic, positive ground version (because this is the way people are used to seeing it)

After some testing
I made these changes…



2-Transistor English Fuzz (Fuzz Face)
Adjust-o-matic, Negative ground version (because this keeps my head from exploding)

After some testing…

Set Q1 to ~8.6V
(Q2 V_{BE}~400mV)

Q1 will drift after running a few minutes. Sound will start to gate and sputter. Adjust Q1 as needed.

Set Q2 to ~4.5V for highest output.

