FENDER “BASSMAN” SCHEMATIC
MODEL 5F6-A

Signal Path

Signal in from guitar is very low voltage AC
Stratocaster single coil low E string pluck = 0.05V AC RMS

Tone Stack

V1A Preamp
V1B Preamp
V2A Preamp
Tone Control
Bass Knob
Mid Knob
Treble Knob
Load
Input Jack
Speaker Jack
Power Amp

Long Tail Pair PI
V3 Phase Inverter
V4 Power Tube
V5 Power Tube
Bias Filter Cap
Bias Drop
Bias Filter Cap
Bias Filter Cap
Bias Filter Cap

Voltage Dropping

3 AMP FUSE
AC SWITCH

5V AC Heater
V6 Rectifier Tube

Power Trans - 80 x 7
Choke - 1418
Output Trans - 45249

Notice

Voltages read to ground with electronic voltmeter
Values shown + or - 20%