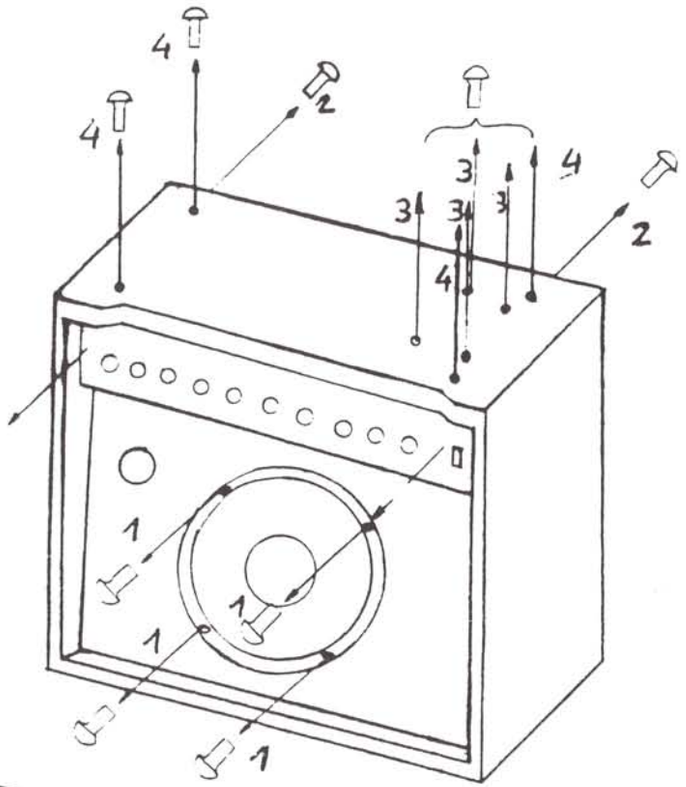
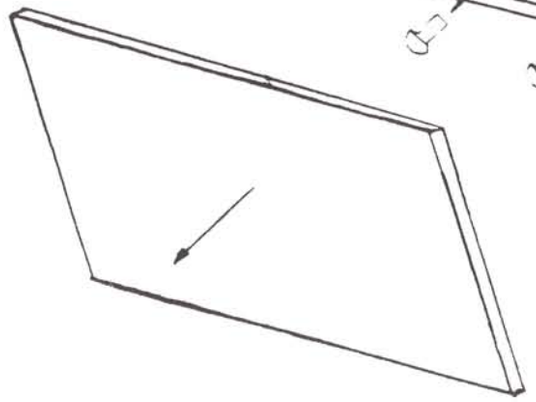
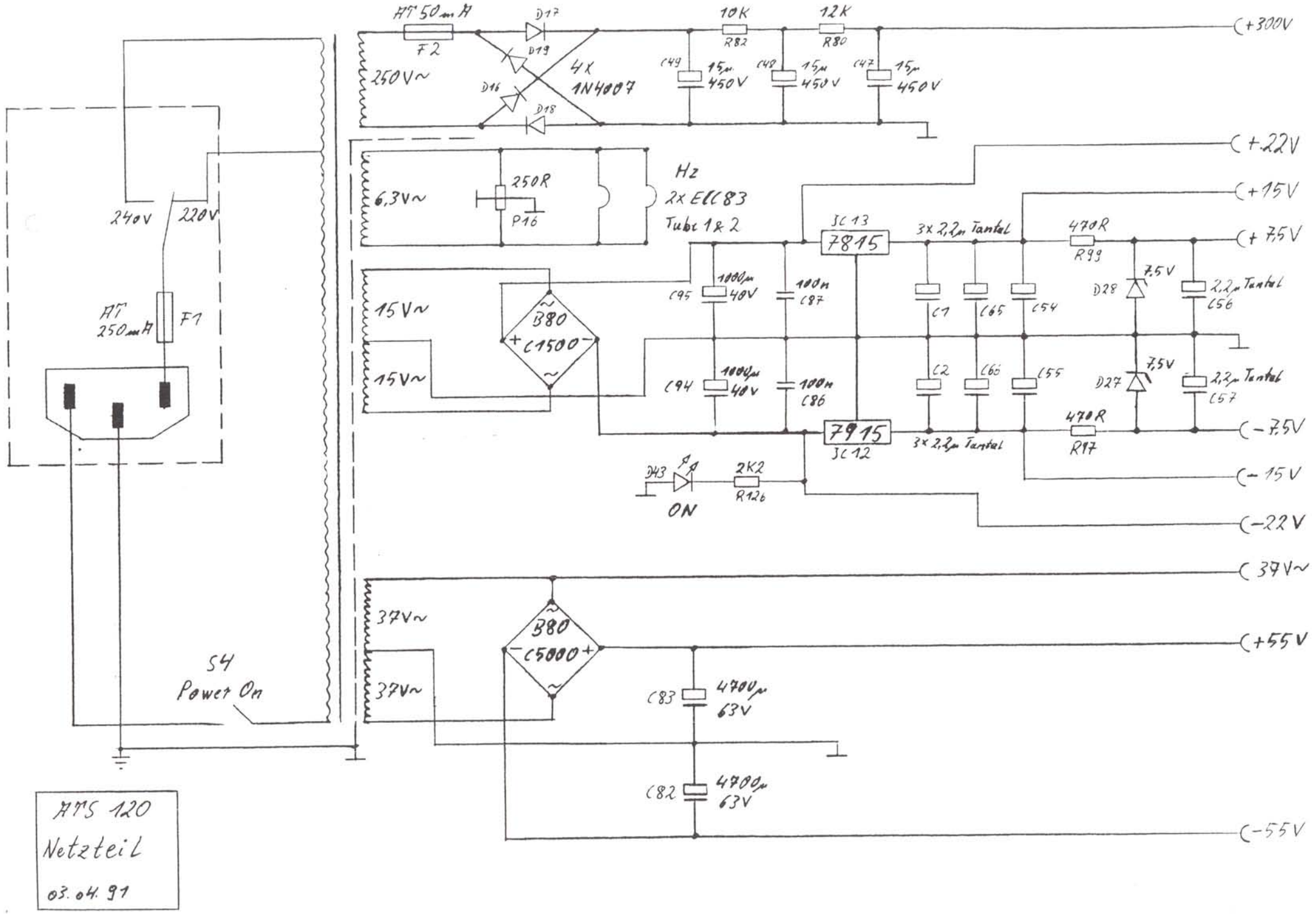
AT3 12C Combo

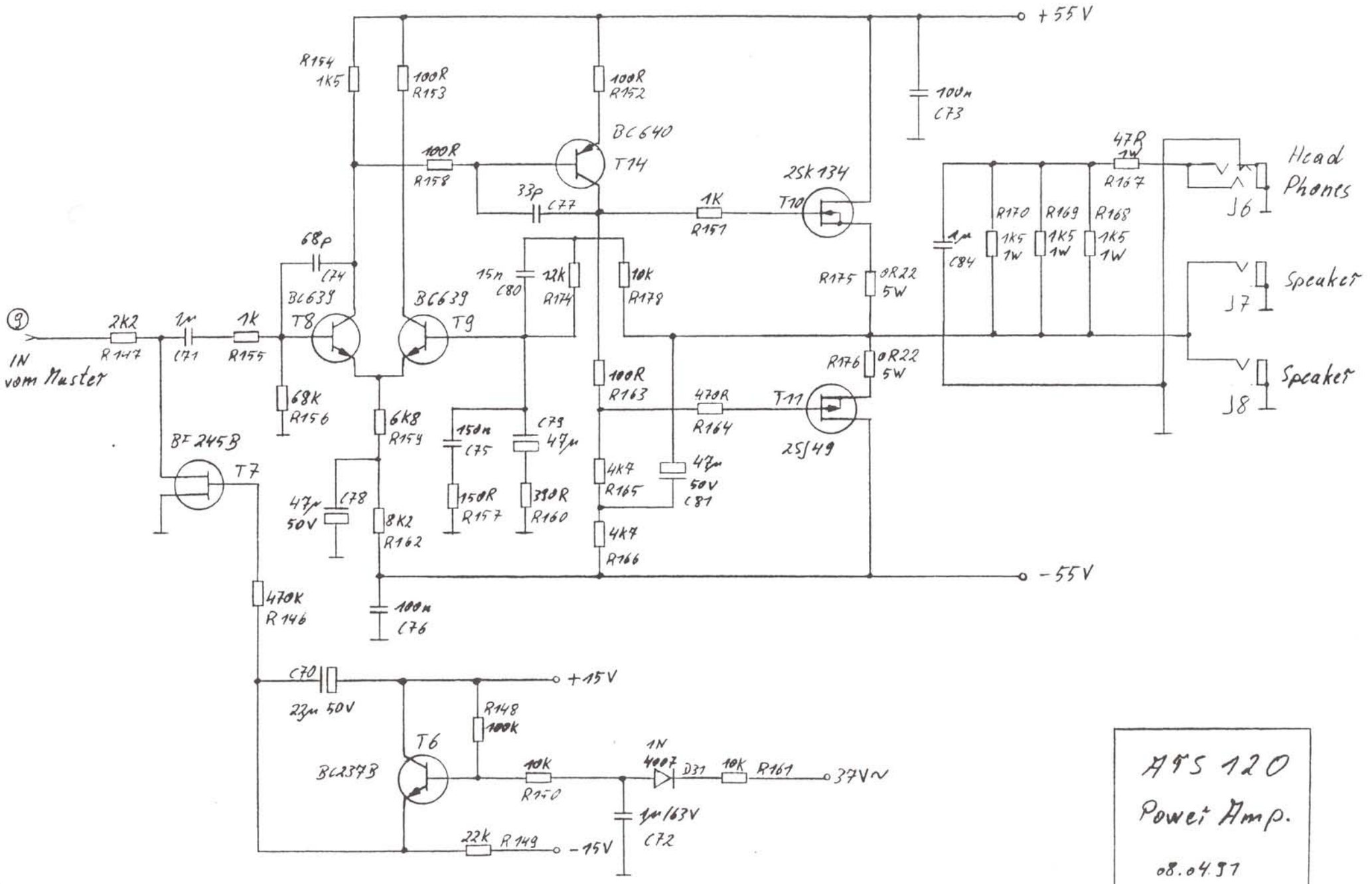
Ausbauanleitung Chassis:

- Frontbespannung abnehmen.
- Schrauben (1) lösen und den Speaker aus dem Gehäuse nehmen.
- Durch vorsichtiges Drehen an den Steckern die Kabel für die Hallspirale abnehmen, dabei die Markierungen beachten.(!!!)
- Speakerkabel abziehen.
- Die beiden rückseitigen Schrauben für die Chassisbefestigung (2) entfernen.
- Die vier Trafobefestigungsschrauben (3), falls vorhanden, mit Hilfe eines 3mm starken Inbusschlüssels entfernen.
- Die vier Schrauben oben (4) mittels eines großen Kreuzdrehers herausnehmen.
- Chassis nach vorn herausziehen.

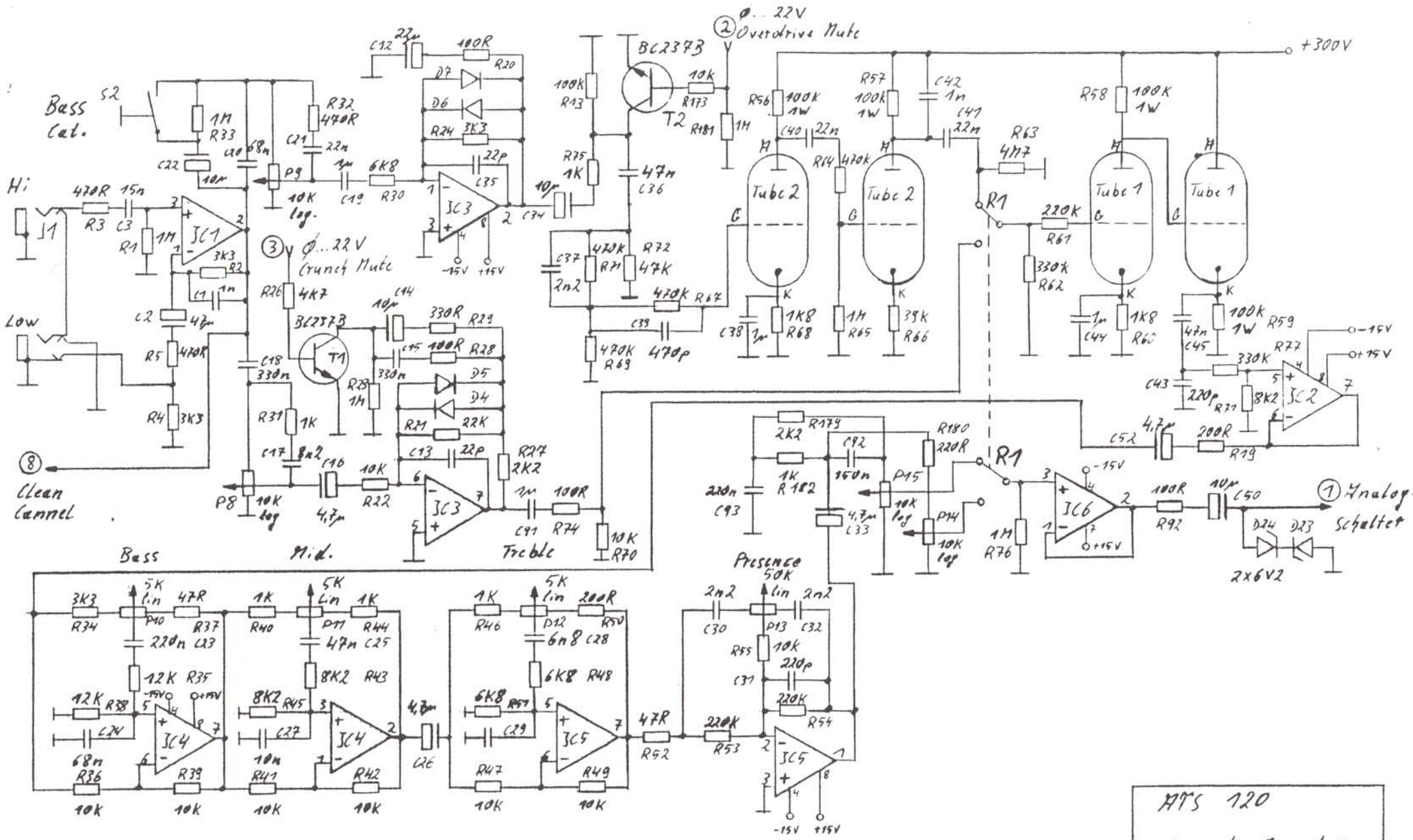





AT 50mA
F2
250V~
D17
D19
D16
D18
4X
1N4007
10K
R82
12K
R80
C49
15µ
450V
C48
15µ
450V
C47
15µ
450V
+300V
+22V
+15V
+7,5V
6,3V~
250R
P16
Hz
2x ECC83
Tube 1 & 2
240V
220V
AT
250mA
F1
15V~
15V~
B80
C1500
C95
1000µ
40V
C87
100n
C94
1000µ
40V
C86
100n
IC13
7815
3x 2,2µ Tantal
C1
C65
C54
470R
R99
D28
7,5V
2,2µ Tantal
C56
C2
C66
C55
D27
7,5V
2,2µ Tantal
C57
470R
R97
7915
IC12
3x 2,2µ Tantal
-7,5V
-15V
-22V
D43
2K2
R126
ON
37V~
37V~
B80
C5000
+55V
C83
4700µ
63V
C82
4700µ
63V
-55V
S4
Power On
ATS 120
Netzteil
03.04.91



AFS 120
Powei Amp.
08.04.97

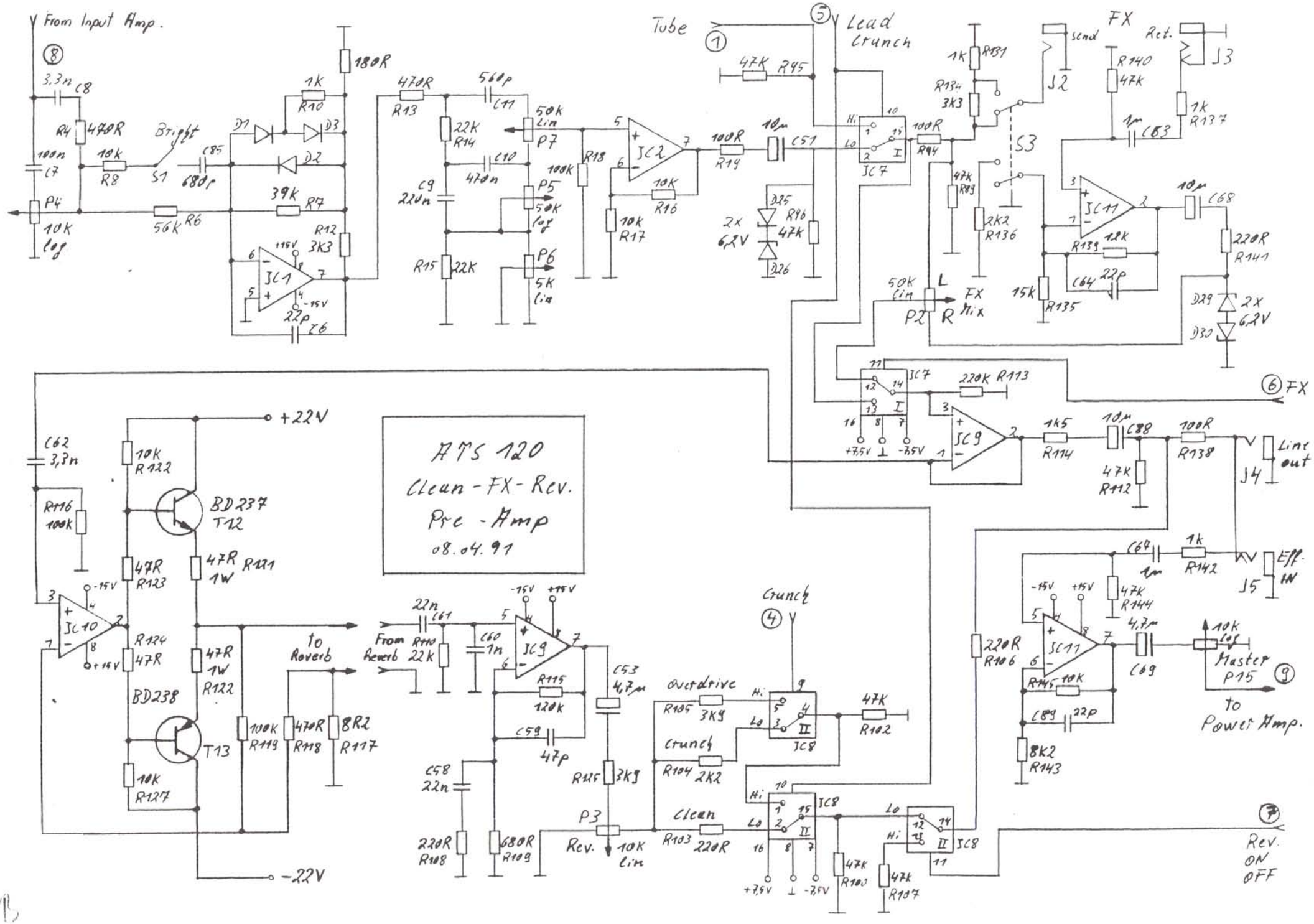


ATS 120

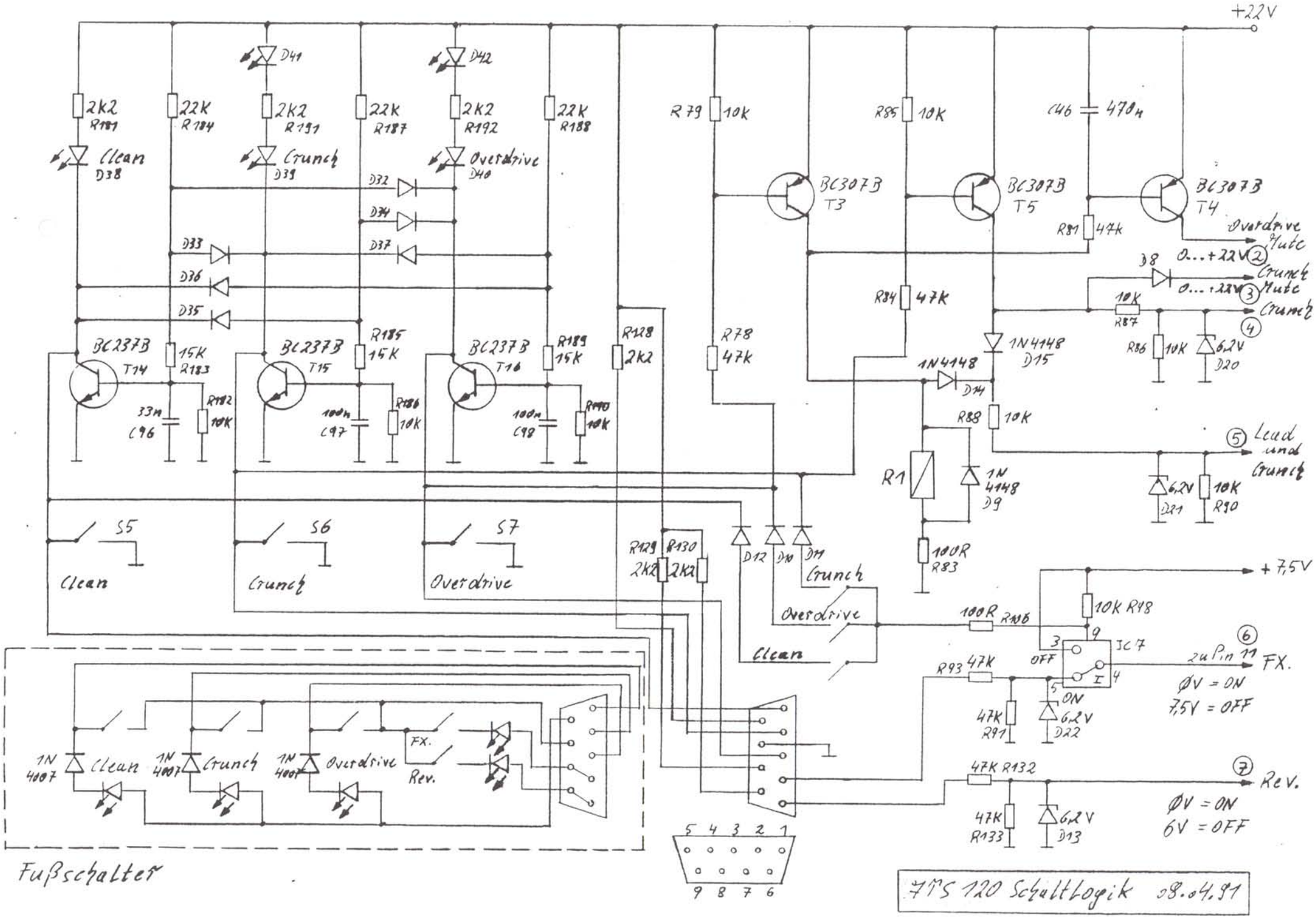
Crunch-Overdrive Pre Amp

Crunch-Overdrive EQ

05.04.91



From Input Amp.
Tube
Lead Crunch
FX
Send
Ret.
Bright
S1
S3
JC1
JC2
JC7
JC9
JC10
JC11
JC8
BD237 T12
BD238 T13
+22V
-22V
ATS 120
Clean - FX - Rev.
Pre - Amp
08.04.91
From Reverb
to Reverb
Crunch
Overdrive
Clean
Rev.
Line out
Eff. IN
Master P15
to Power Amp.
Rev. ON OFF


+22V
2K2 R181
22K R184
2K2 R191
22K R187
2K2 R192
22K R188
D41
D42
Clean D38
Crunch D39
Overdrive D40
D32
D34
D37
D33
D36
D35
BC237B T14
BC237B T15
BC237B T16
15K R183
R185 15K
R189 15K
33n C96
R182 10K
100n C97
R186 10K
100n C98
R190 10K
R128 2K2
R79 10K
R78 47K
R85 10K
R84 47K
C46 470n
BC307B T3
BC307B T5
BC307B T4
R81 47K
Overdrive Mute
0...+22V ②
D8
Crunch Mute
0...+22V ③
10K R87
Crunch ④
R86 10K
6,2V D20
1N4148 D15
1N4148 D14
R88 10K
⑤ Lead und Crunch
R1
1N 4148 D9
6,2V D21
10K R90
100R R83
S5
S6
S7
Clean
Crunch
Overdrive
R129 2K2
R130 2K2
D12
D10
D11
Crunch
Overdrive
Clean
+7,5V
10K R98
100R R106
JC7
OFF
ON
⑥ zu Pin 11 FX.
ØV = ON
7,5V = OFF
R93 47K
47K R91
6,2V D22
47K R132
47K R133
6,2V D13
⑦ Rev.
ØV = ON
6V = OFF
1N 4007
Clean
Crunch
Overdrive
FX.
Rev.
5 4 3 2 1
9 8 7 6
Fußschalter
7TS 120 Schaltlogik 08.04.91

Potiauflistung ATS 120

Position:	***Wert***
Clean Volume	B10K log mono (OMEG groß)
Clean Bass	A4,7K lin mono (OMEG groß)
Clean Mid	A4,7K lin mono (OMEG groß)
Clean Treble	A4,7K lin mono (OMEG groß)
Crunch Gain	B10K log mono (OMEG groß)
Lead Gain	B10K log mono (OMEG groß)
Bass	A4,7K lin mono (OMEG groß)
Mid	A4,7K lin mono (OMEG groß)
Treble	A4,7K lin mono (OMEG groß)
Presence	A47K lin mono (OMEG groß)
Crunch Volume	B10K log mono (OMEG groß)
Lead Volume	B10K log mono (OMEG groß)
Reverb	A10K lin mono (OMEG groß)
FX-Mix	B47K log mono (OMEG groß)
Master	B10K log mono (OMEG groß)