

P.T. 300728-1  
P.T. 300728-2 \*

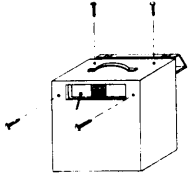
**WARNING**  
For maximum safety, reliability and performance, all parts must be replaced by those having identical specifications. Under no circumstances may the original design be modified or altered without permission from the Ampeg Company.

**NOTES — UNLESS OTHERWISE SPECIFIED**

1. Capacitance values are in microfarads, 10%, 100V.
2. Resistance values are in Ohms, 10%, 1/2W.
3. D.C. voltage readings taken with no signal applied and are positive with respect to chassis ground.
4. **Alignment:**  
With volume max, bass and treble at mid position, and reverb and tremolo min., apply a 0.01 VAC 1 kHz. signal to the normal input jack. Adjust R17 for 10 VAC at output terminals with an 8 Ohm. nonreactive load.
5. **Hum and Noise:**  
Volume max., tone controls mid, others min. Eo = 25 mV max.  
Volume min., tone controls mid, others min. Eo = 5 mV max.
6. Arrow indicates clockwise rotation of potentiometer. (Trimmer viewed from knob side).
- \*7. Parts indicated with asterisk are used on 240V export versions only.
8. Actual circuit may vary slightly due to normal production changes.

**MECHANICAL DISASSEMBLY**

1. Remove baffle by placing fingers under lower right corner of logo and pulling straight out.
2. Remove the four chassis mounting screws shown in the diagram. (Chassis can be slid half way out the front of the cabinet to check the fuse).
3. Disconnect speaker by reaching through vent hole and pulling the lead clips off the speaker terminals.
4. Slide chassis out the front of the cabinet.



**MODEL G110  
REPLACEMENT PARTS LIST**

Note: Replacement parts may differ in part number or value from the factory installed part. In either event the replacement part has been chosen to provide equal or improved performance.

REF.	DESCRIPTION	PART NO.
<b>JACKS</b>		
J1	Input	181573-2
J2	Input	181573-2
J3	Footswitch	181573-10
<b>CONTROLS</b>		
R4	Intensity	220663-5
R7	Speed	220663-5
R16	Volume	220663-22
R17	Gain Adjust	220299-1552
R22	Bass	220663-5
R25	Treble	220663-5
R39	Reverb	220663-5
<b>RESISTORS</b>		
R55	1 Ohm, 1W	230231-1099
R56	1 Ohm, 1W	230231-1099
R57	10 Ohm, 1W	230231-1009
R58	0.15 Ohm, 3W	230707-2
R59	0.15 Ohm, 3W	230707-2
<b>ELECTROLYTIC CAPACITORS</b>		
C4	10 MFD, 35V	270109-1135
C9	100 MFD, 50V	270109-1250
C10	1 MFD, 50V	270109-1050
C15	10 MFD, 50V	270109-1150
C17	47 MFD, 25V	270109-5125
C22	22 MFD, 25V	270116-2269
C29	15 MFD, 25V	270116-1569
C31	47 MFD, 50V	270109-5150
C32	22 MFD, 25V	270116-2269
C34	100 MFD, 50V	270109-1250
C35	1000 MFD, 35V	270117-1335
C38	1000 MFD, 50V	270117-1350
<b>SEMICONDUCTORS</b>		
D1	Zener	530163-100
D2	Zener	530163-270
D3	Reference Diode	530135-1
D4	Rectifier	530171-1001
D5	Rectifier	530171-1001
D6	Rectifier	530171-1001
D7	Rectifier	530171-1001
Q1	Tremolo	610271-2
Q2	Reverb Amp	610271-2
Q3	Preamp	610271-2
Q4	FET	610291-1
Q5	Pre-Driver	610083-1
Q6	Driver	610228-1
Q7	Driver	610153-7
Q8	Power	610289-1
Q9	Power	610289-2

REF.	DESCRIPTION	PART NO.
<b>SEMICONDUCTORS (Cont.)</b>		
IC1	CA3080	610268-1
IC2	NE540L	610286-1
IC3	RC4739P	610285-1
<b>MISCELLANEOUS</b>		
	2 Tab Corner	121462-1
	3 Tab Corner	121463-1
	Slide	121465-1
	Handle	121474-1
	Knob	142902-1
	Logo	142911-3
	Power Switch	160804-10
	3/4 A Slo-Blo Fuse	180865-5075
	Pilot Light	181572-4
	Power Transformer	300728-1
	Reverb	361805-1
	Speaker	580168-1

G110 P.C. BOARD  
(VIEWED FROM COMPONENT SIDE)

