Accuphase

INTEGRATED STEREO AMPLIFIER E-303





Service Information

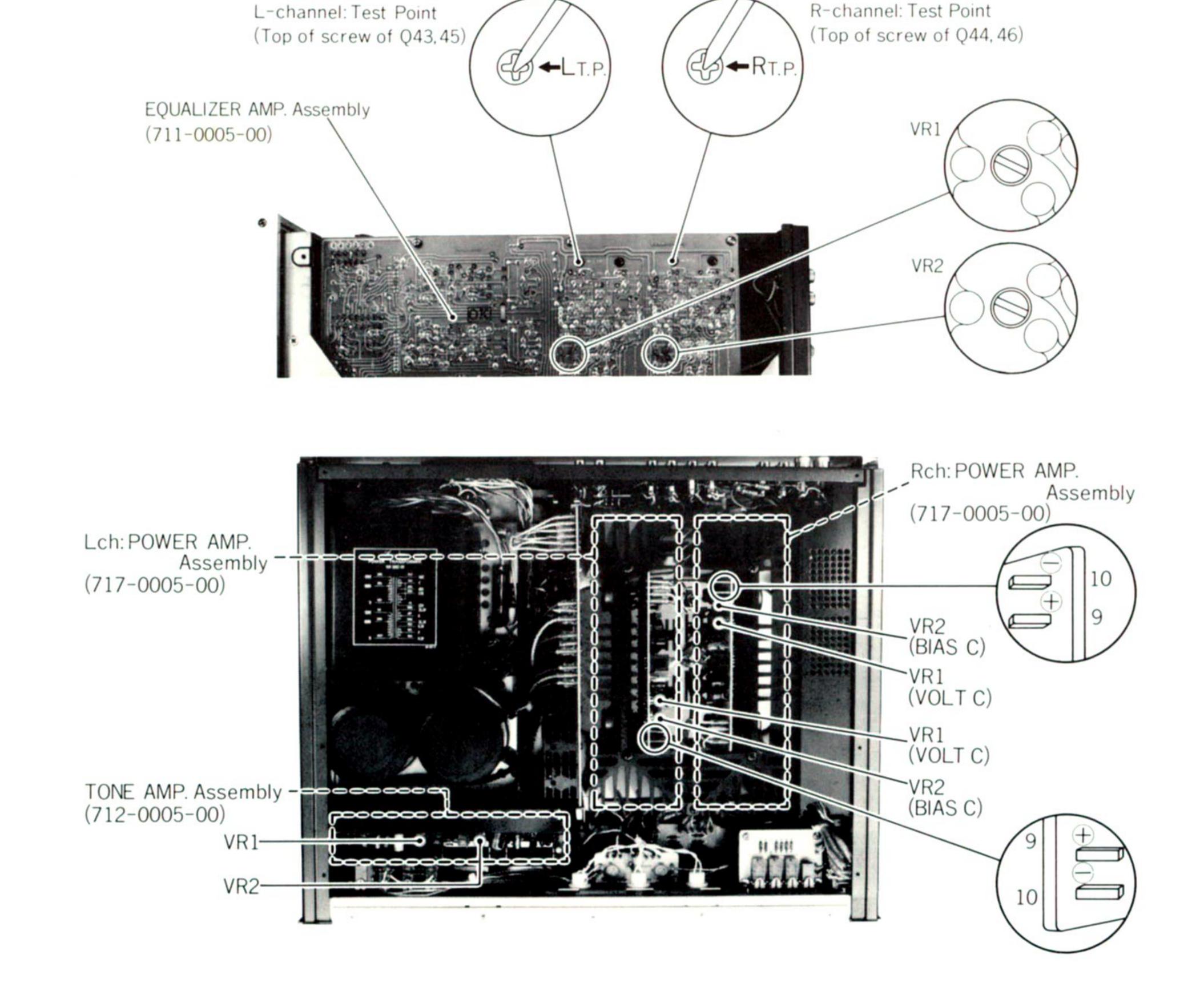
CIRCUIT ADJUSTMENT

Note 1. Each adjustment should be made on the condition with "no input" and "no load". (Disconnect input cable and speaker cable.)

Note 2. Internal input resistance of volt-ohm meter should be higher than 10k ohms.

STEP	ADJUST ITEM	PROCEDURE		ADJUST	REMARKS	REF
		TEST EQ'PT	CONNECTING POINT	ADJUST	KEWAKKS	KEF
EQU	ALIZER AMP. A	SSEMBLY (71	1-0005-00)			
1	DC Balance of "L" Equalizer Amp.	V.O. Meter Set range to less than DC 0.3V	Top of screw (L.T.P./R.T.P.) shown on Fig. 1 and chassis	VR1	Adjust for "O" reading of V.O. Meter	Fig. 1
2	DC Balance of "R" Equalizer Amp.			VR2		
TON	IE AMP. ASSEM	BLY (712-0005-	-00)			
1	DC Balance of "L" Tone Amp.	V.O. Meter Set range to less than DC 0.3V	PRE OUT "L" on rear panel	VR1	Slide-Switch on rear panel set at "SEPARATE." Adjust for "O" reading of V.O. Meter.	Fig. 2
2	DC Balance of "R" Tone Amp.		PRE OUT "R" on rear panel	VR2		
POV	VER AMP. ASSE	MBLY (717-000	05-00)			
1	Bias Current of "L" Main Drive	V.O. Meter Set range to less than DC 0.3V	⊕ terminal to Pin 9, and ⊝ terminal to Pin 10	VR2 (BIAS C)	Adjust for "+30mV" reading of V.O. Meter	Fig. 2
2	Bias Current of "R" Main Drive					
3	Center Voltage of "L" Main Drive		⊕ and ⊝ terminal of Speaker Terminal "A" or "B"	VR1 (VOLT C)	Speaker Switch set at "A" or "B". Adjust for "O" reading of V.O. Meter	
4	Center Voltage of "R" Main Drive					

Note 3. Above adjustments should be made in case of the PC Board or Transistors being changed.



1. The heavy lines on the schematics denote the signal path.

E-303 SCHEMATIC DIAGRAM

2. Big spots denote the ground.

3. Push-button switch position indicates INPUT SELECTOR.......DISC1

HEAD AMP

SPEAKERS....

TONE CONTROL ...

TAPE COPY.....OFF
MODE.....STEREO
SUBSONIC....OFF
ATTENUATOR....OFF
DISC IMP......47kΩ
TAPE REC....OFF

TAPE MONITOR

- 4. The mark of capacitor and resistor on the schematics are...
 CEFAMIC CAPACITORS.
 ⊖ MICA CAPACITORS.
 ⑤ TANTALUM SOLID CAPACITORS.
- METALLIZED FILM CAPACITORS.
 POLYSTYRENE FILM CAPACITORS.
 HIGH PRECISION FILM CAPACITOR.

OXIDE METAL FILM RESISTORS.

METAL PLATE RESISTORS.

1/4 watt and $\pm 5\%$ tolerance.

Unless otherwise specified : Capacitors are ELECTROLYTIC types,

Resistors are CARBON FILM type

5. VOLTAGE : ____ Operating with no input.
★ Indicates respective voltage reading when an input of 1kHz,
125_µV is fed to "DISC 1" with Head Amp at ON.

6. CURRENT : □□⇒ Operating with no input.

