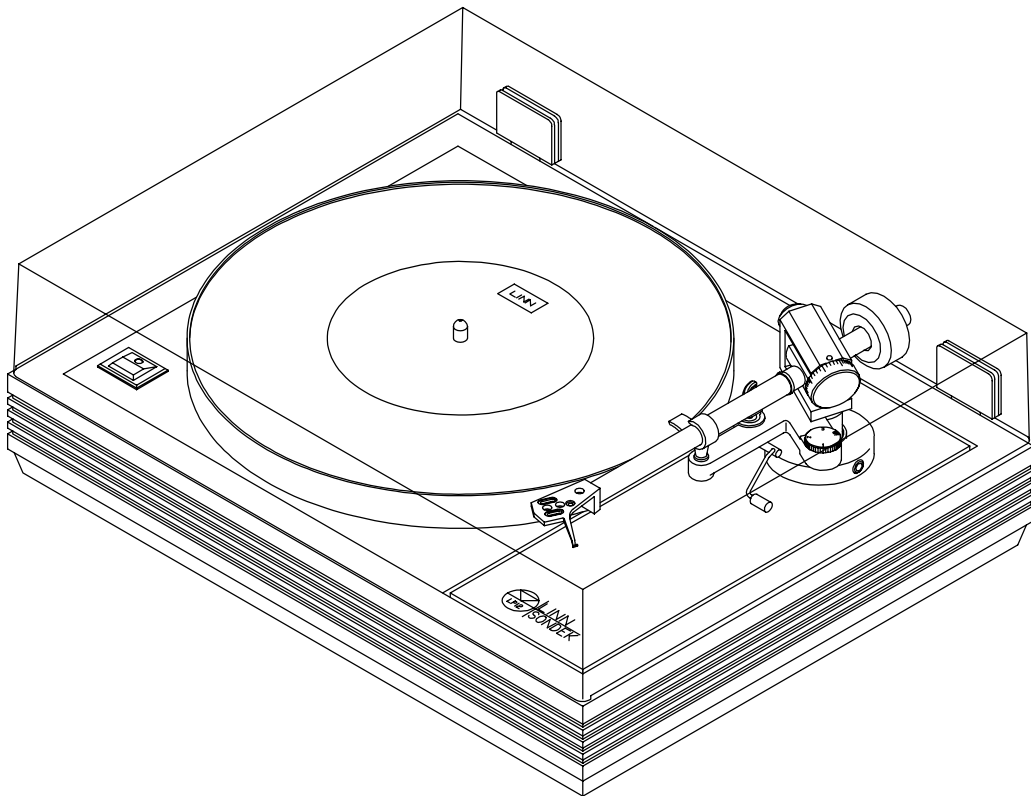


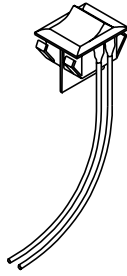
# LP12 CIRCUITRY KIT FITTING INSTRUCTIONS



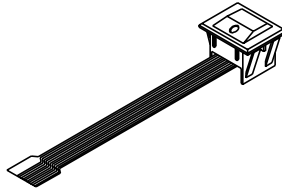
## Revised Jan 1998

SELECT THE APPROPRIATE SWITCH:

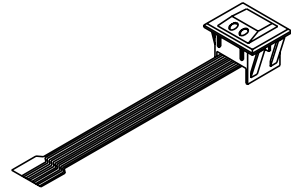
BASIK LP12 SWITCH



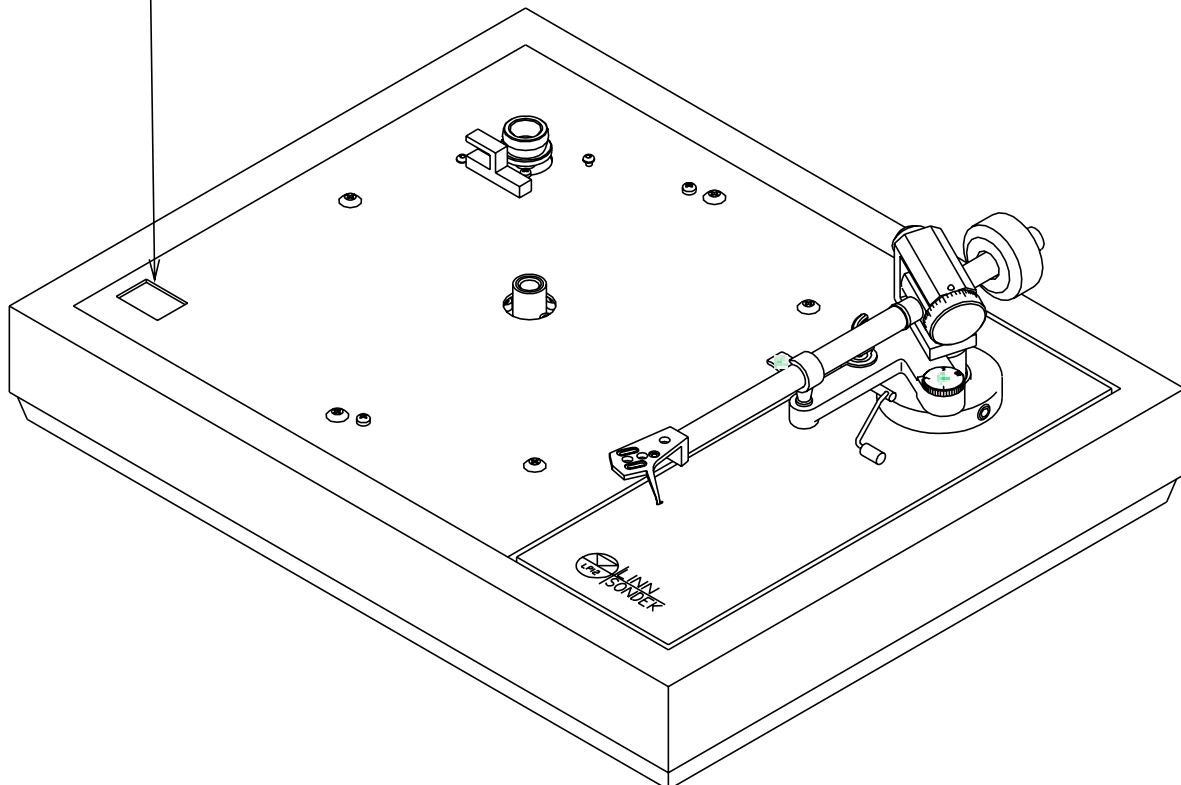
VALHALLA SWITCH



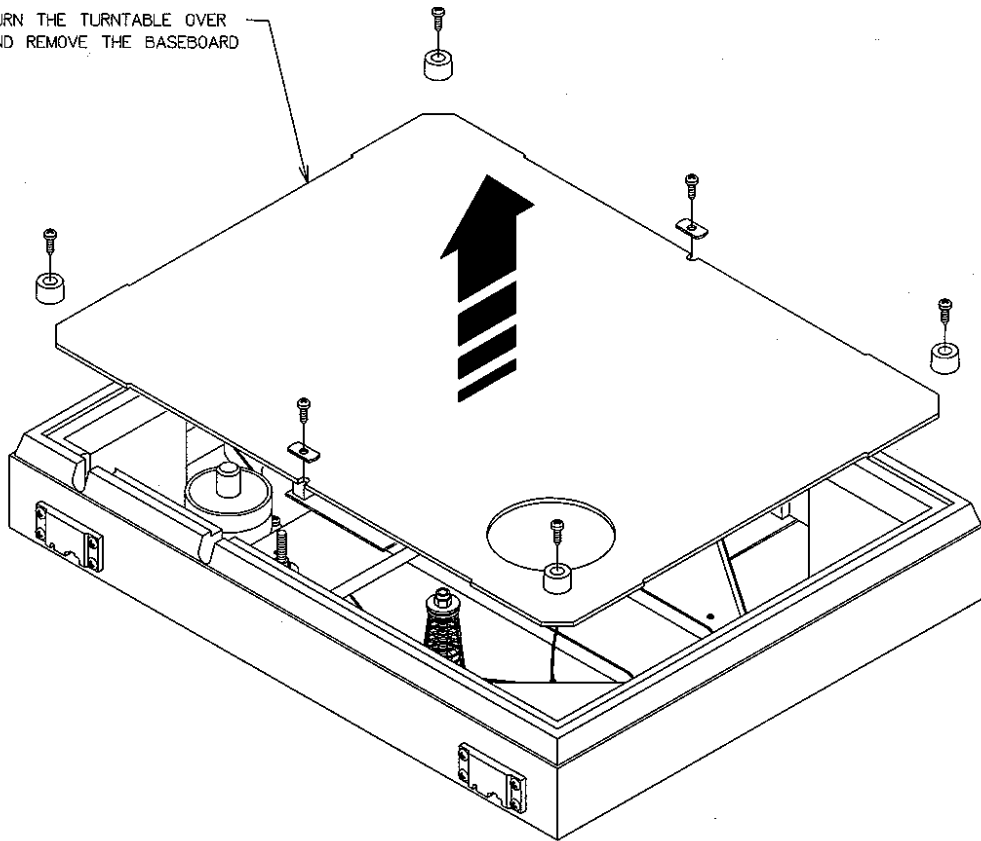
LINGO SWITCH



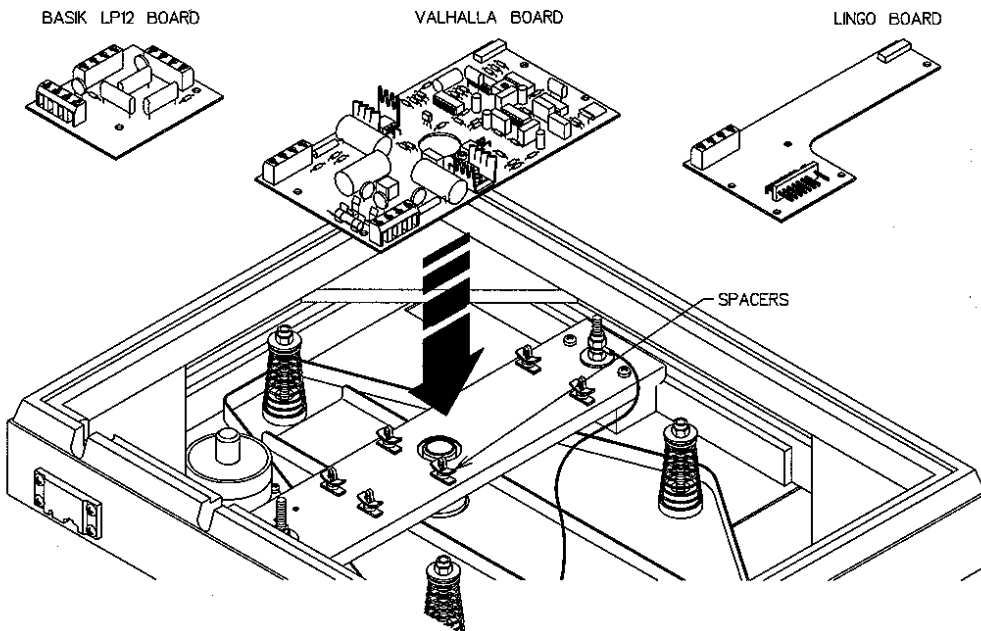
THREAD THE WIRES OR FLEXIBLE RIBBON THROUGH THE HOLE IN THE TOP PLATE.  
NOTE THAT THE BASIK SWITCH SHOULD BE FITTED WITH THE RED AND BLACK WIRES  
TOWARDS THE REAR OF THE TURNTABLE. PRESS FIRMLY UNTIL THE SWITCH  
SNAPS HOME.

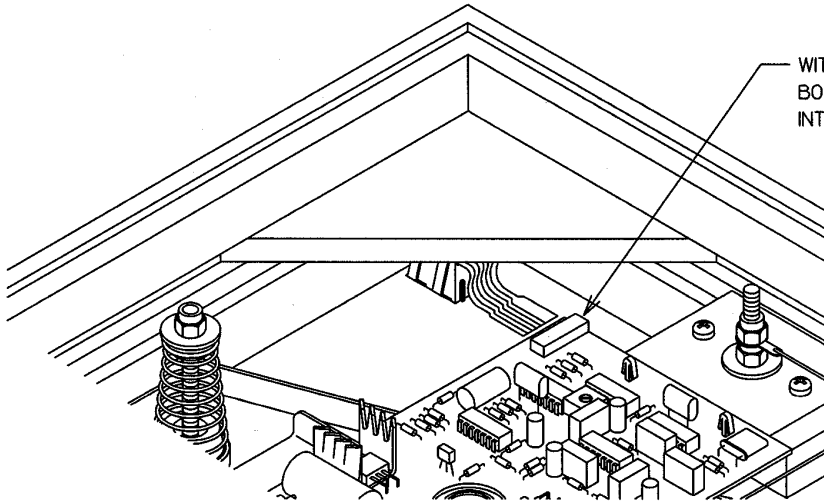


TURN THE TURNTABLE OVER  
AND REMOVE THE BASEBOARD



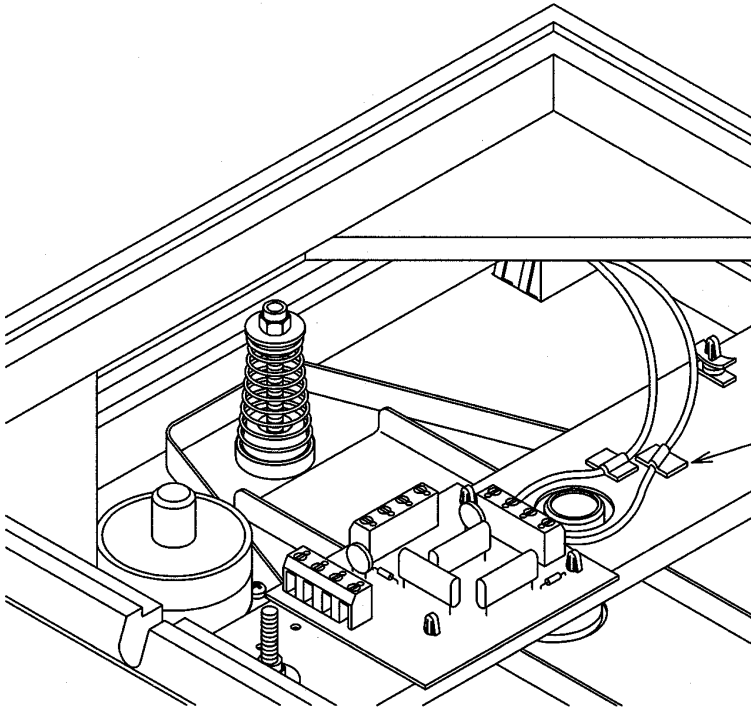
SNAP THE CIRCUIT BOARD OVER THE SPACERS





WITH THE VALHALLA AND LINGO CIRCUIT BOARDS, PUSH THE END OF THE RIBBON INTO THE TERMINAL ON THE BOARD.

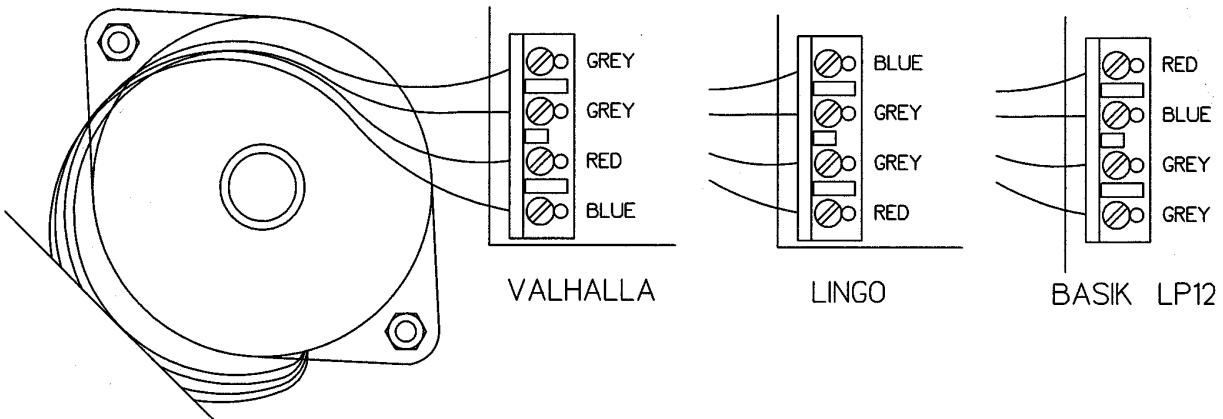
(VALHALLA CIRCUIT BOARD SHOWN)



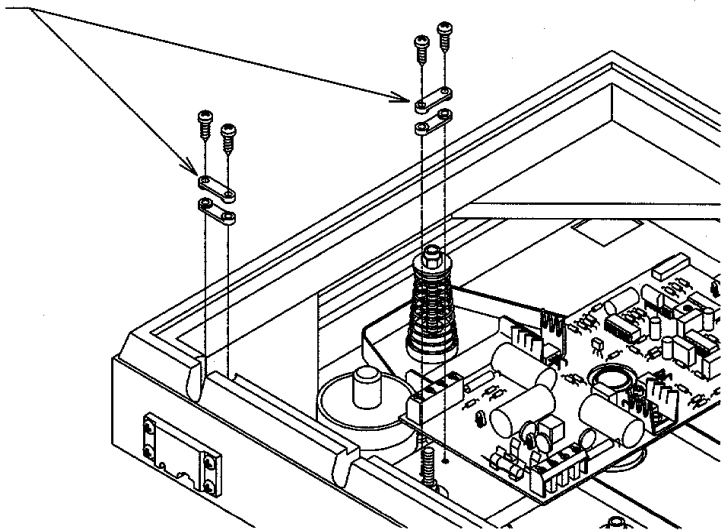
WITH THE BASIC CIRCUIT BOARD CONNECT THE RED AND BLACK WIRES FROM THE SWITCH TO 'COM' AND '120V' OR '240V' ON THE CIRCUIT BOARD SWITCH BLOCK RESPECTIVELY, THEN TIGHTEN THE SCREWS

SEPARATE THE WIRES NEATLY AROUND THE BEARING HOUSING AND ALONG THE WIRING STRAP. PEEL ONE SIDE OF THE ADHESIVE STRIP AND PLACE IT OVER THE WIRE SO THAT THE WIRE IS HELD FAIRLY TIGHTLY. REPEAT WITH THE OTHER WIRE.

CONNECT THE FLYING LEADS FROM THE MOTOR TO THE CORRESPONDING LOCATIONS ON THE CIRCUIT BOARD

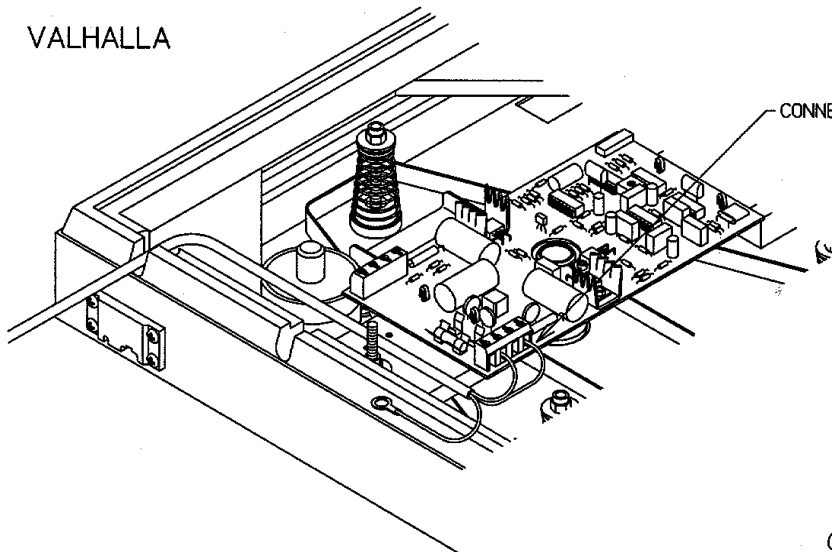


REMOVE THE TWO SETS OF 2 CABLE CLAMPS

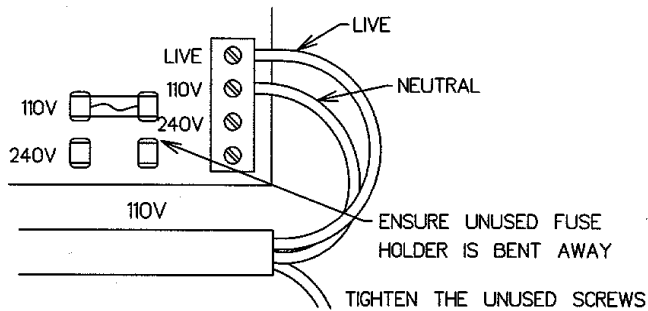


CONNECT THE MAINS LEAD AS SHOWN IN THE FOLLOWING DIAGRAMS:

VALHALLA

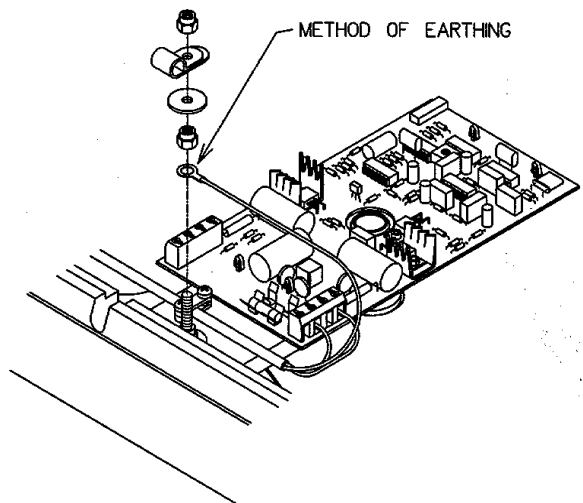


CONNECT CABLE TO THE TERMINAL BLOCK



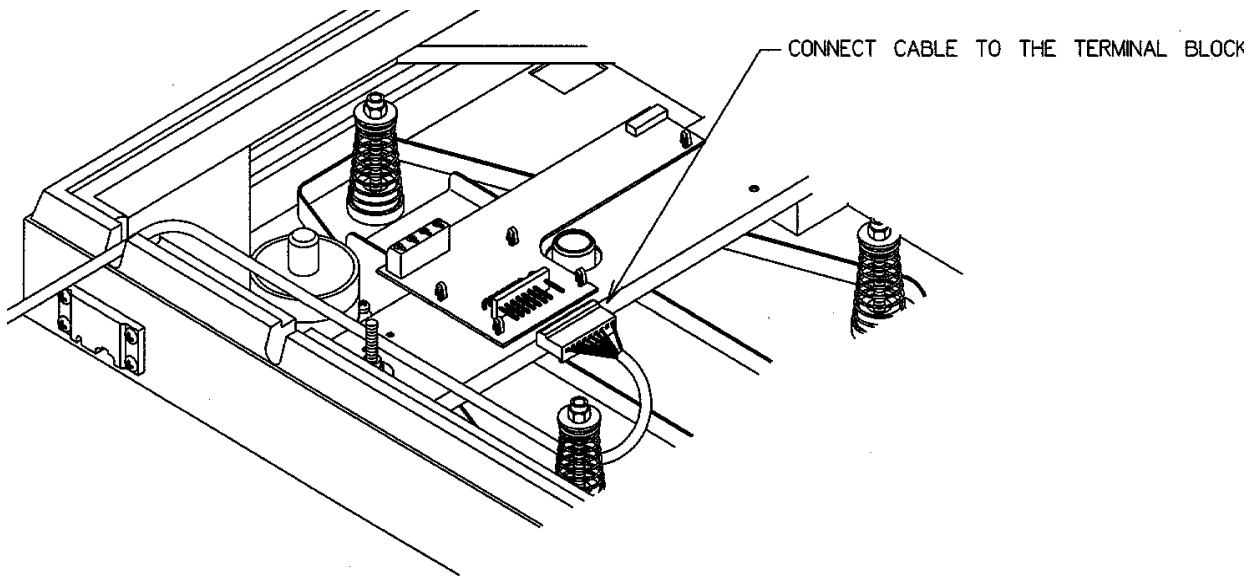
ENSURE UNUSED FUSE HOLDER IS BENT AWAY

TIGHTEN THE UNUSED SCREWS

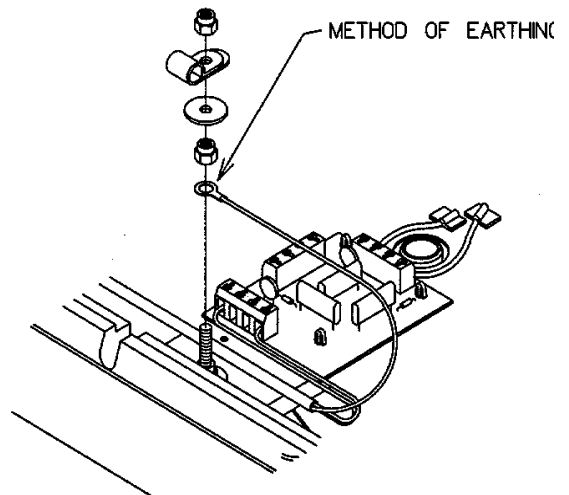
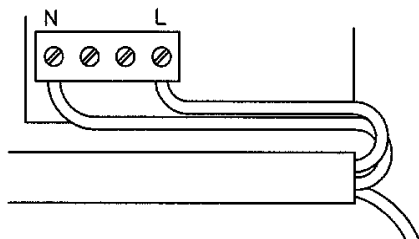
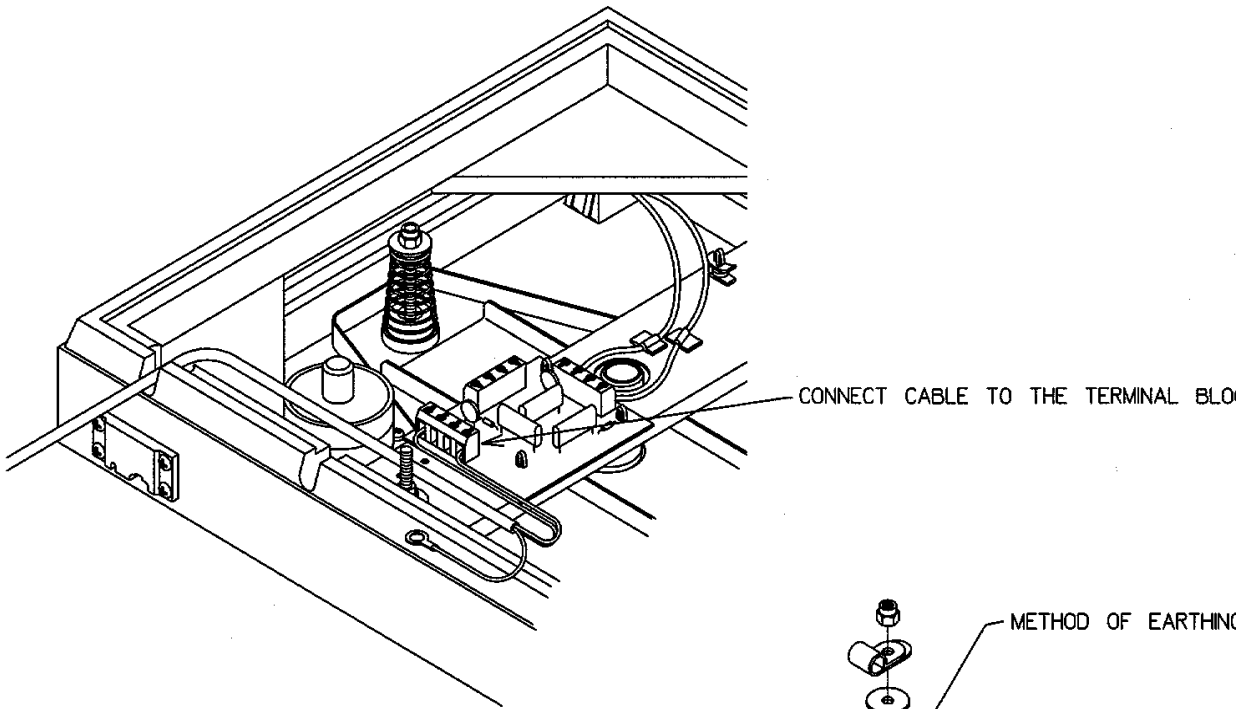


METHOD OF EARTHING

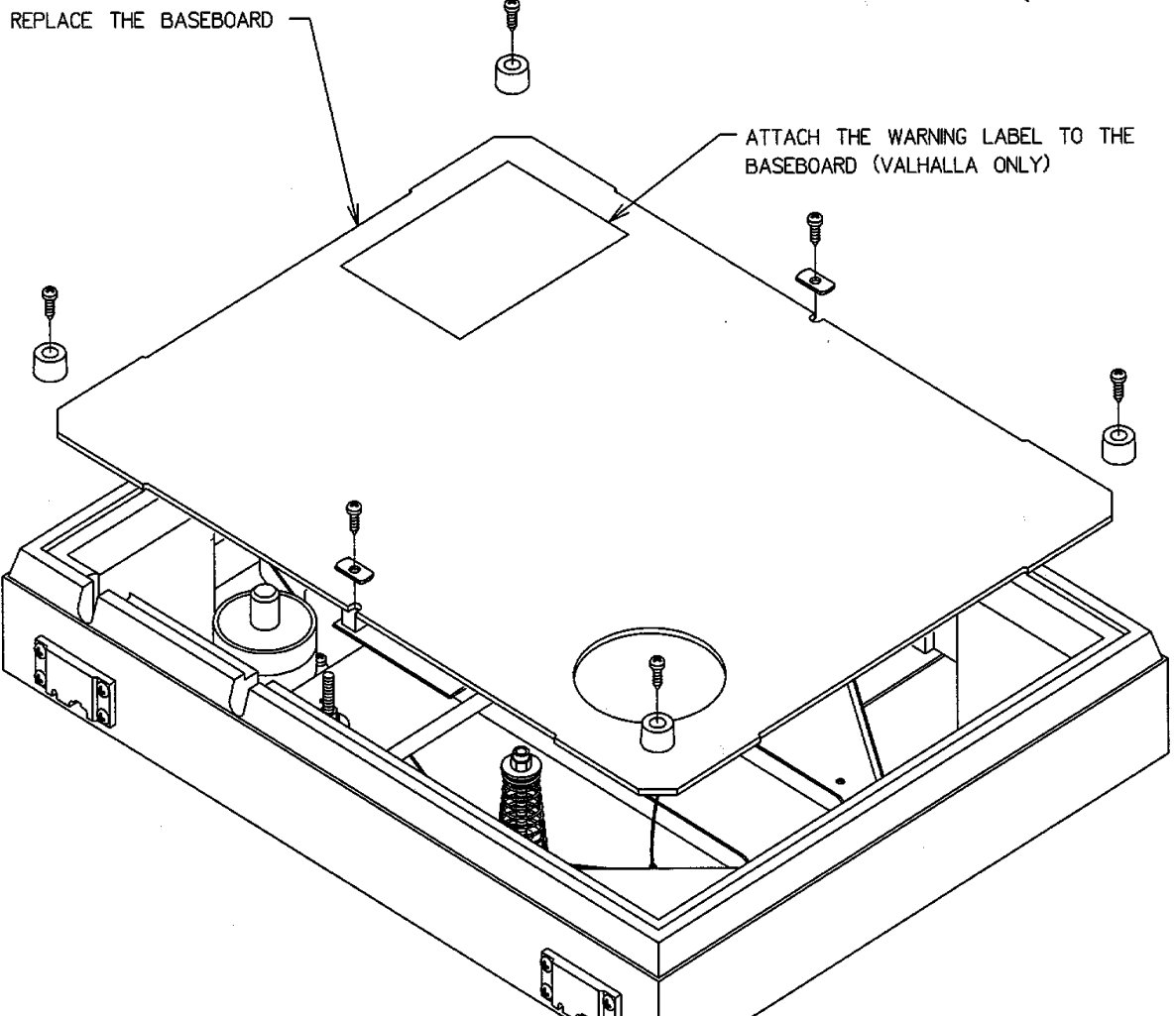
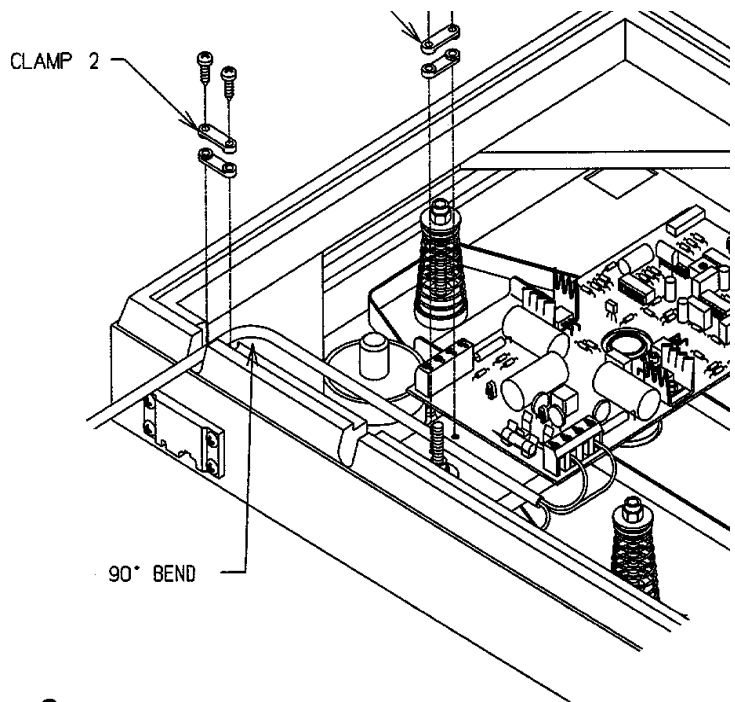
IMPORTANT: REMEMBER TO CHANGE FUSE ON VALHALLA BOARD IF 240V IS NOT APPROPRIATE



BASIK LP12 (SHOWN WITH EARTHED MAINS CABLE)



ONCE THE CONNECTIONS HAVE BEEN MADE  
REPLACE CLAMP 1, HOLD THE CABLE TIGHTLY  
TO FORM A NEAT 90° BEND, THEN REPLACE  
CLAMP 2



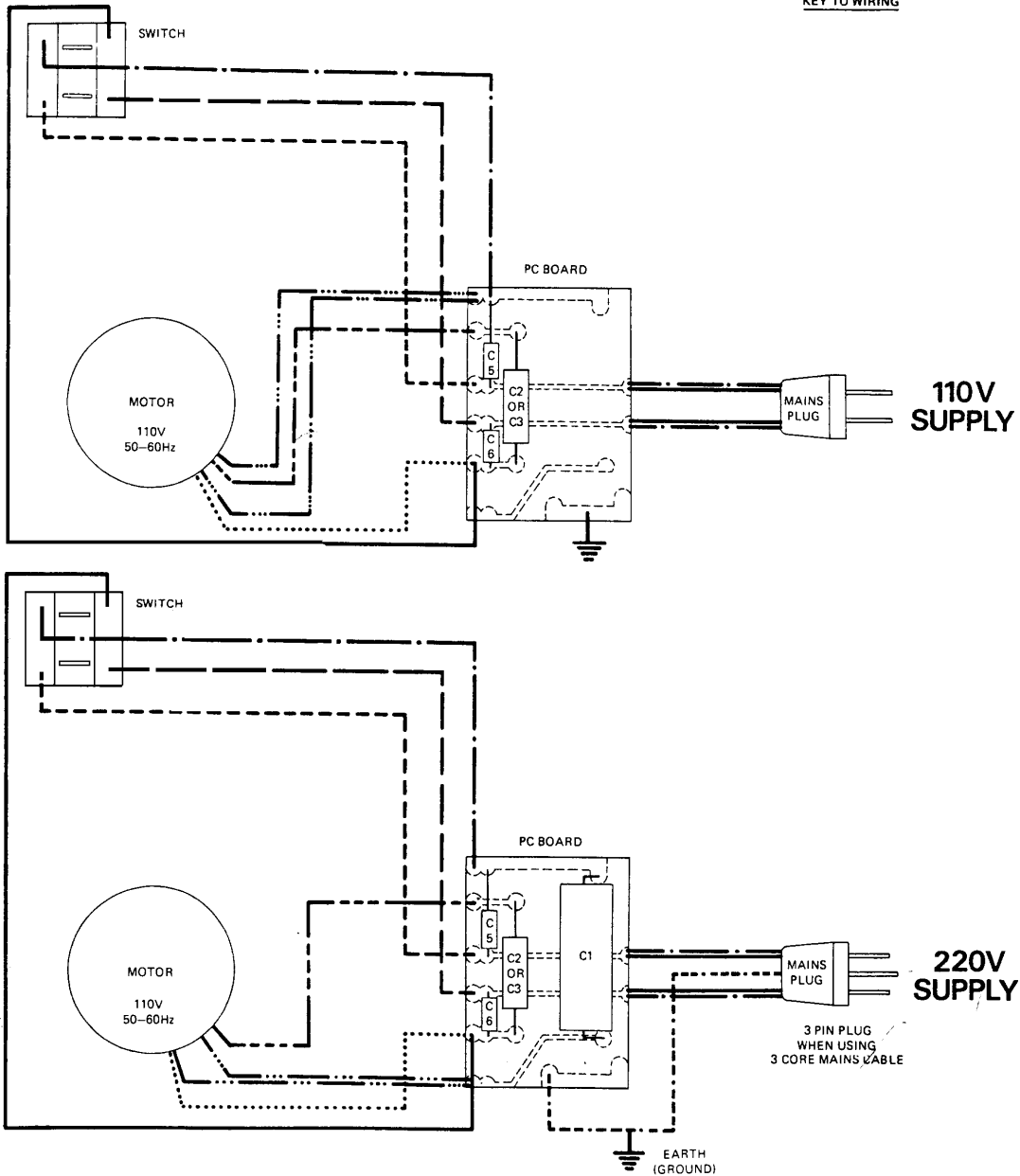
## WIRING DIAGRAM FOR LP12 (ORIGINAL PCB BOARD LAYOUT)

SUPPLY VOLTAGE	SUPPLY FREQUENCY	MOTOR TYPE	CAPACITORS
220 - 240	50Hz	110V	C1, C2, C5, C6
110 - 120	60Hz	110V	C3, C5, C6
110 - 120	50Hz	110V	C2, C5, C6

CAPACITORS	VALUE
C1	0.22 $\mu$ F, 300 VAC
C2	0.22 $\mu$ F, 400 VDC
C3	0.18 $\mu$ F, 400 VDC
C5/6	0.01 $\mu$ F, 400 VDC

	BLACK WIRE	(SWITCH)
	BLUE WIRE	(SWITCH)
	RED WIRE	(SWITCH)
	YELLOW WIRE	(SWITCH)
	GREY WIRE	(MOTOR)
	RED WIRE	(MOTOR)
	BLUE WIRE	(MOTOR)
	GREEN/YELLOW	(EARTH) GROUND
	MAINS LEADS	

KEY TO WIRING



**IMPORTANT**

Ensure that the unit is earthed.  
On units fitted with three core double insulated mains leads, connect to power supply as follows -  
The brown wire is connected to live (L).  
The blue wire is connected to neutral (N).  
The green/yellow wire is connected to earth (E).

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