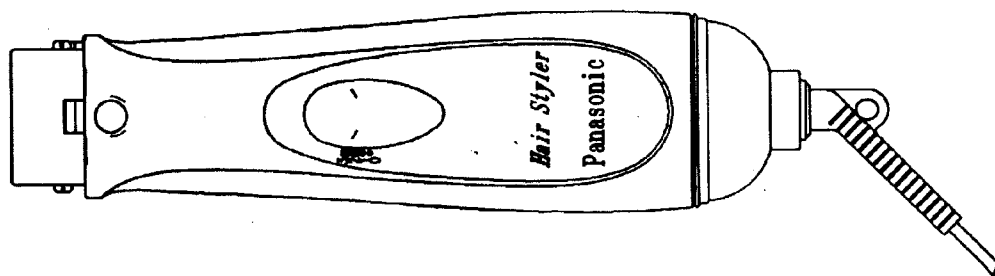


Service Manual

Hair Styler

EH7921.3.5.6



SPECIFICATIONS

Power source	AC110V, AC220-240V / 50-60Hz (Separately available)	Air volume	0.46 m ³ /min(3)
Power consumption		Air flow temperature	110V.....120°C(3) 220 - 240V.....120°C(3) (in case of room temperature 30°C)
Function "3".....	110V 600W 220V 550W 230V 600W 240V 650W	Cord length.....A2 Plug	2.10 m
		Cord length.....B2 Plug	1.80 m
		Cord length.....C2 Plug	1.80 m
		Cord length.....S3 Plug	1.75 m
Function "2".....	110V 450W 220V 400W 230V 450W 240V 480W	Weight.....110V	265 g
		220-240V	275 g
Function "1".....	110V 35W 220V 65W 230V 70W 240V 76W		

WARNING

This service literature is designed for experienced repair technicians only and is not designed for use by the general public. It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product. Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

CONTENTS

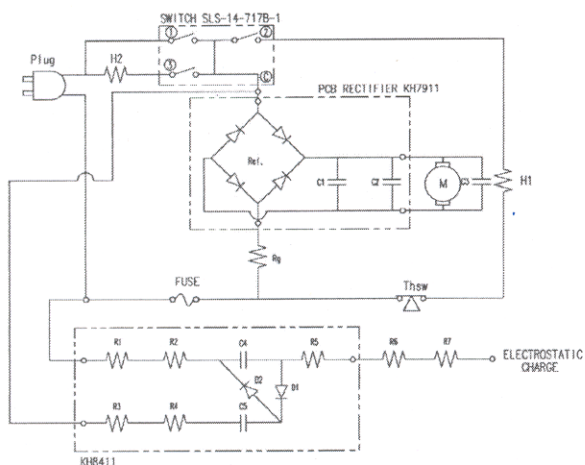
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Panasonic

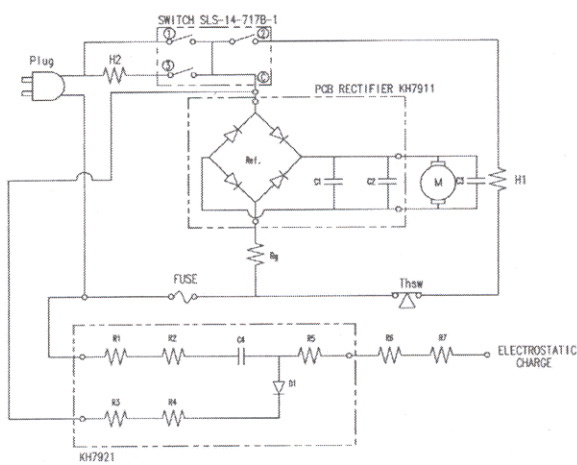
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1 SCHEMATIC DIAGRAM

Page 2



110V(For Taiwan)

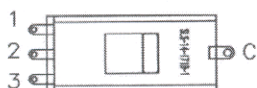


220-240V(For all other countries)

SWITCH SLS-14-717B-1

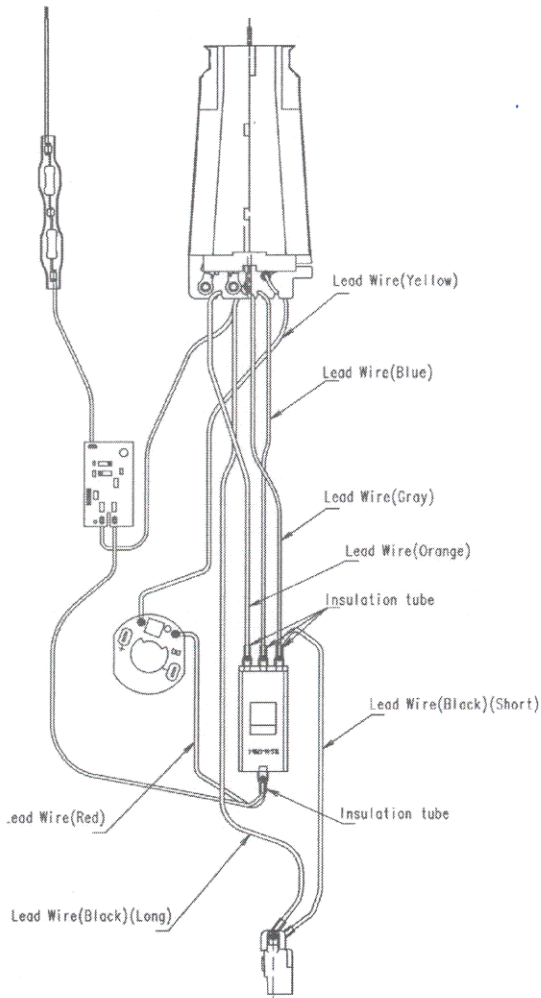
Switch Function	1 ~ C	2 ~ C	3 ~ C
0(off)	X	X	X
1(cold)	X	X	0
2(set)	X	0	0
3(dry)	0	0	0

O = ON
X = OFF

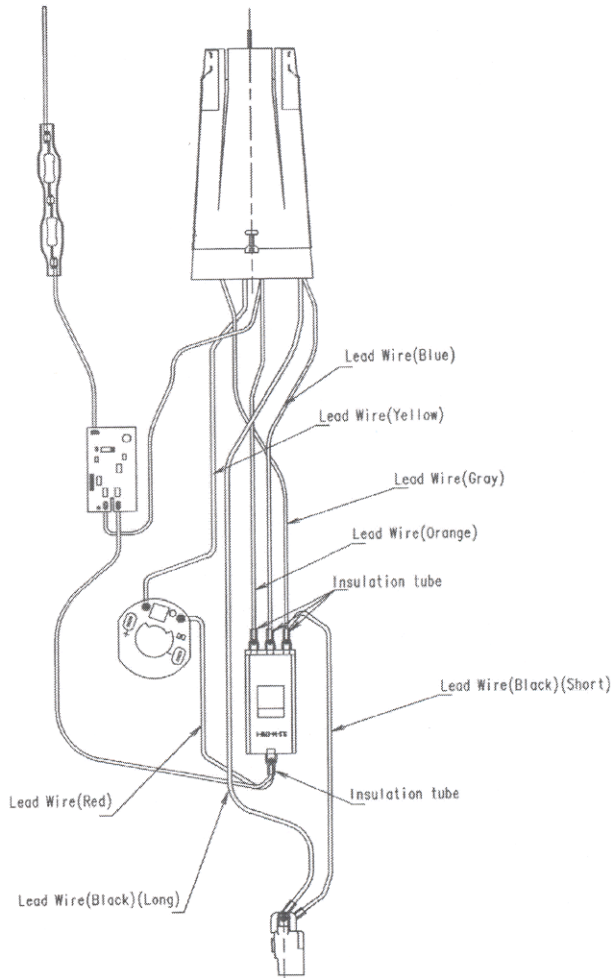


SYSMBO	PART NAME		SPECIFICATION		Q' ty	REMARK	
			220V-240V	110V		220V-240V	110V
H1	HEATER RESISTANCE A		(96.3)	(20.1)	1	NCHW2, Ø 0.29	NCHW2, Ø 0.45
H2	HEATER RESISTANCE B		(29.4)	(6.9)	1	NCHW2, Ø 0.29	NCHW2, Ø 0.40
Rg	VOLTAGE DROPING RESISTOR		(558)	(194)	1	NCHW2	
C1	KH7911	CAPACITOR	50VDC, 0.1 µF		1	PCB KH7911	
C2					1		
Ref.		RECTIFIER CIRCUIT	800V, 1A		1		
C3	CAPACITOR		50VDC, 0.33 mF		1		
M	MOTOR		DC36V, 350mA		1	MM16471	
Thsw.	THERMO SWITCH		110±5°C	120±5°C	1	AUT-1L-110	AUT-1J-120
Fuse	FUSE		144°C		1	G4A50144C	
Switch	SWITCH		250V, 4.2A or 125V, 8.4A		1	SLS-14-717B-1	
Plug	POWER CORD		B2 or C2 or S3	A2	1		
KH8411(110V)/KH7921(220-240V)							
R1	RESISTER		(10kΩ, 1/4W)		1		
R2					1		
R3					1		
R4					1		
C4	CAPACITOR		DC250V, 1000pF	DC250V, 1000pF	1		
C5			-		1		
D1	DIODE		600V, 1A	600V, 1A	1		
D2			-		1		
R5	RESISTANCE		(3.3MΩ, 1/10W)		1		
R6	RESISTANCE		(3.3MΩ, 1/2W)		1		
R7					1		

2 WIRING CONNECTION DIAGRAM



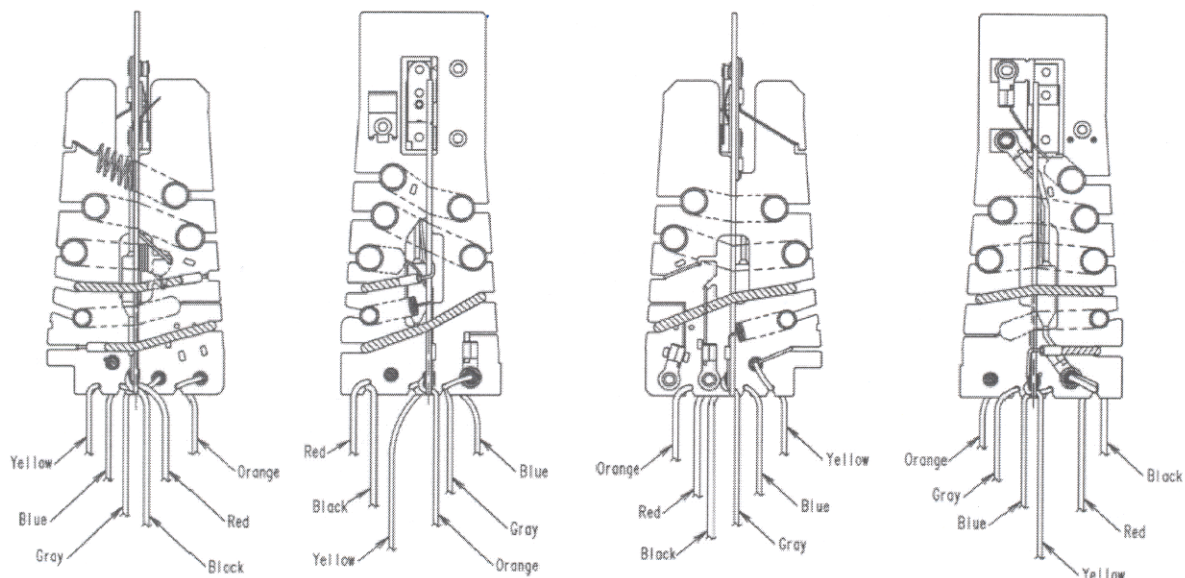
110V (Taiwan)



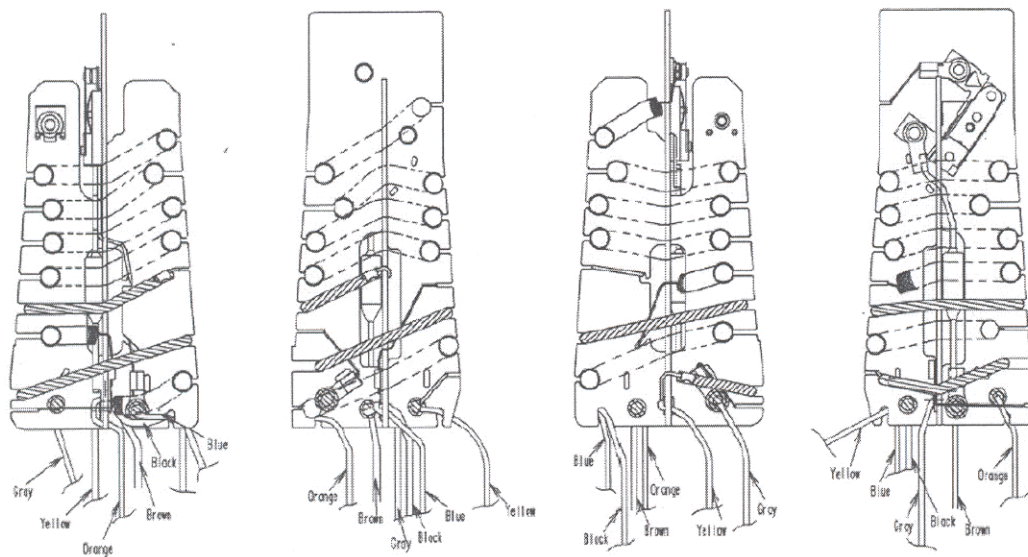
220-240V (For all other countries)

2 WIRING CONNECTION DIAGRAM(2)

Page 4



110V (For Taiwan)



220-240V (For all other countries)

(1) Assembly main switch to Heater block by soldering lead wires connect to the positions which are shown in Figure 1.

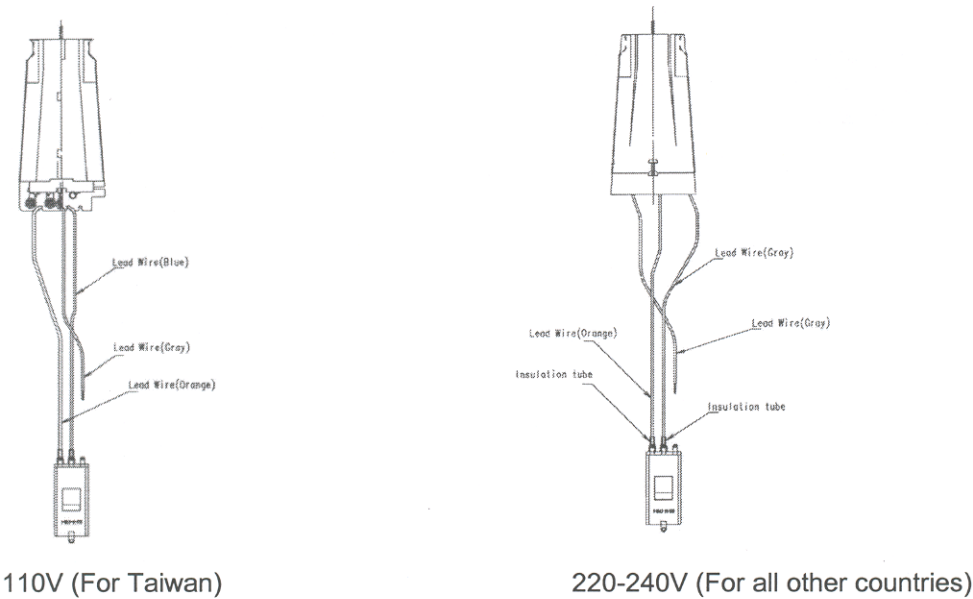


Figure 1

(2) Assembly Connector cover B ass'y block to Heater block by soldering lead wires connect to the positions which are shown in Figure 2

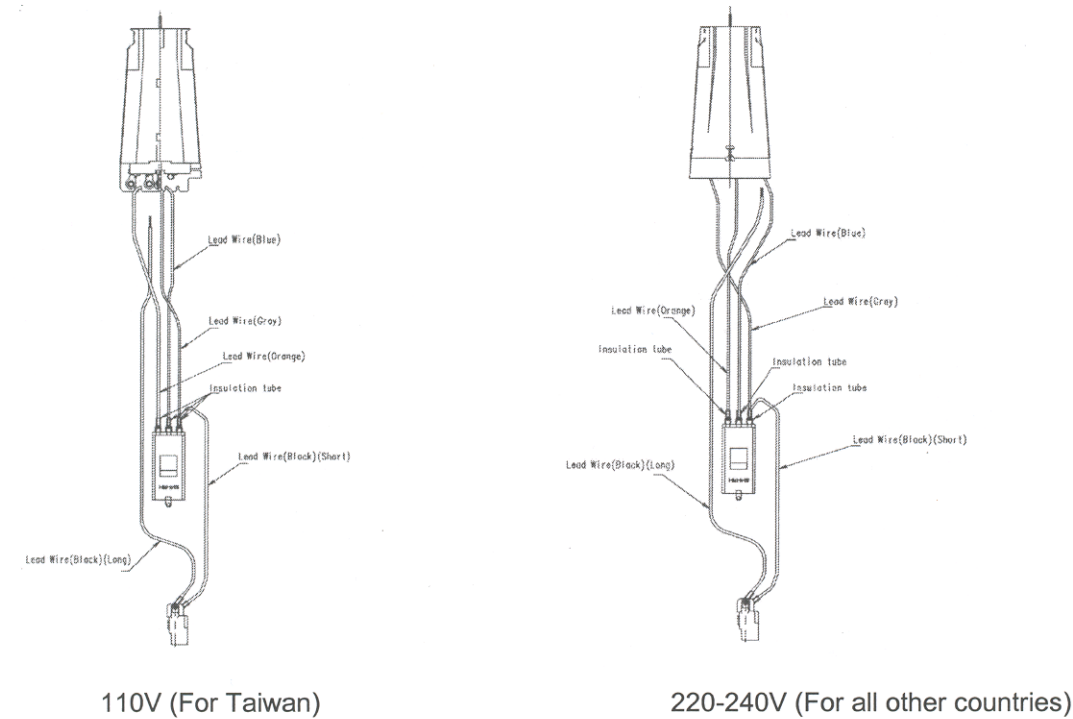
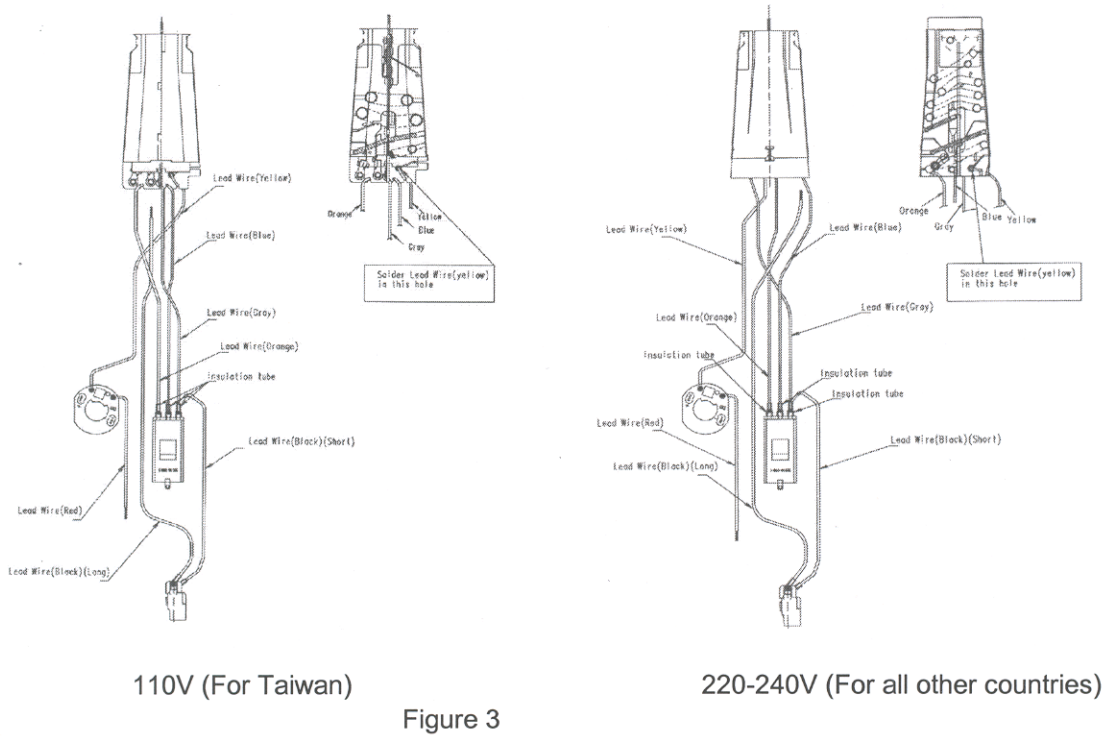
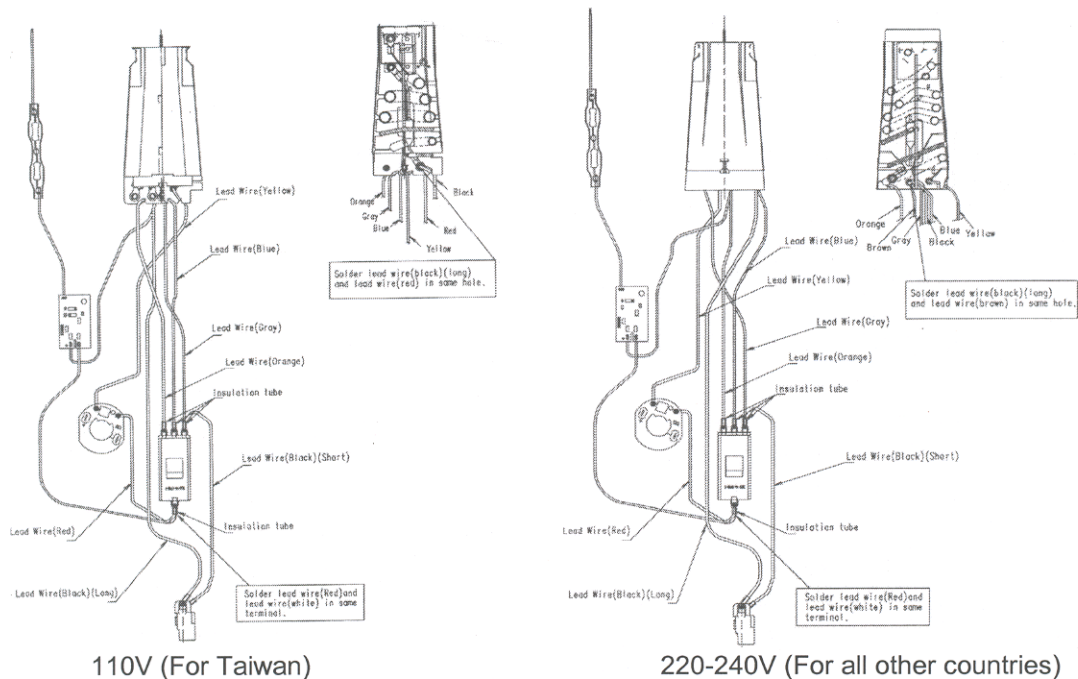


Figure 2

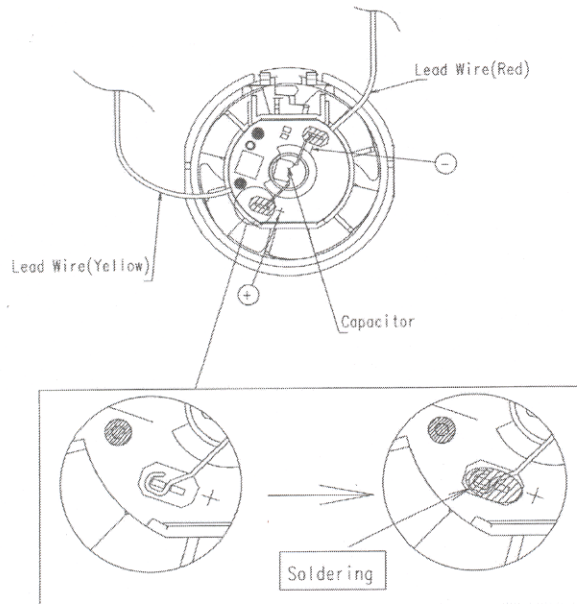
(3) Assembly Rectifier ass'y block to Heater block by soldering lead wires connect to the positions which are shown in Figure 3.



(4) Assembly Ion charge circuit board block to Heater block by soldering lead wires connect to the positions which are shown in Figure 4.



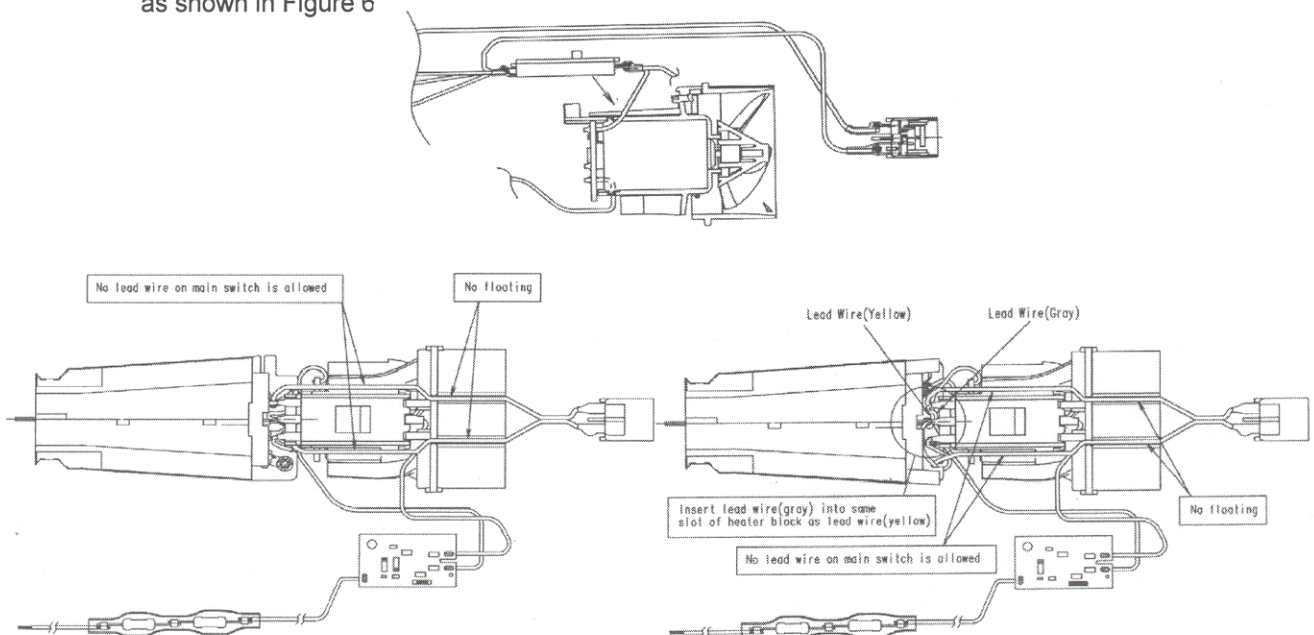
(5) Assembly PCB of Rectifier ass'y block to Motor ass'y block at Motor 's terminals and solder capacitor across motor's terminals as shown in figure 5.



110V, 220-240V (For all countries)

Figure 5

(6) Assembly main switch to Motor ass'y block ,insert two lead wires (black) into slots of air flow regulator as shown in Figure 6

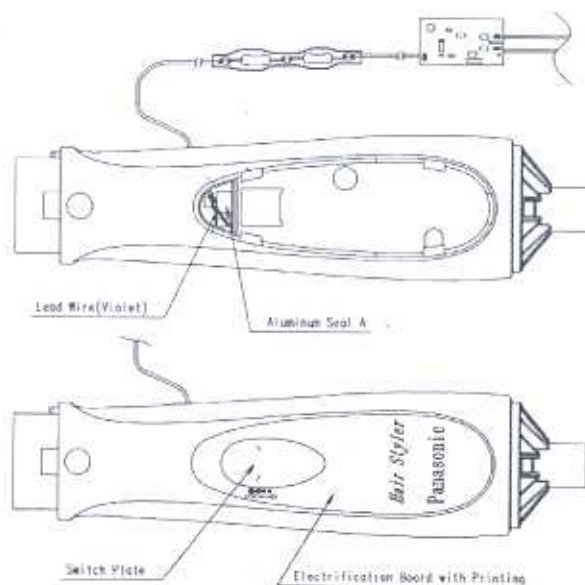


110V (For Taiwan)

220-240V (For all other countries)

Figure 6

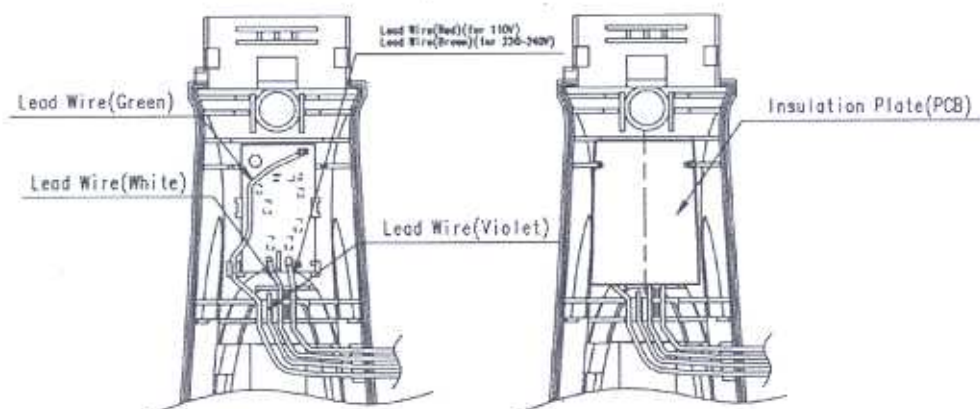
(7) Assembly Ion charge circuit board block to housing B by inserting lead wire(violet) between ribs of housing B and stick with aluminum seal A ,assembly Electrification board with printing and switch plate to housing B as shown in Figure 7.



110V, 220-240V (For all countries)

Figure 7

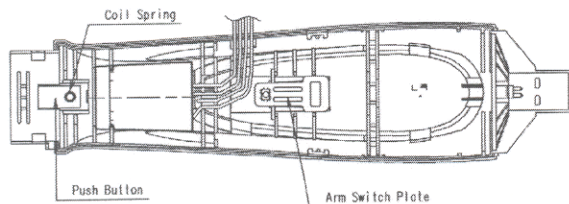
(8) Assembly PCB of Ion charge circuit board block into housing B and control lead wires alignment, assembly insulation plate(PCB) to cover PCB board as shown in Figure 8



110V, 220-240V (For all countries)

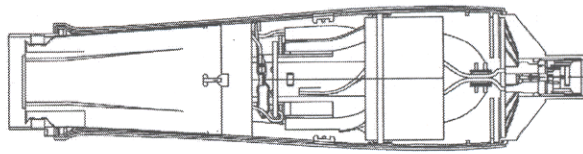
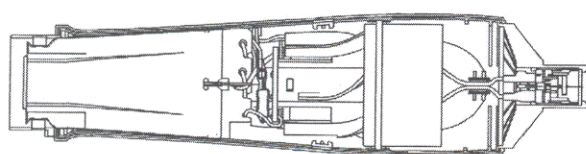
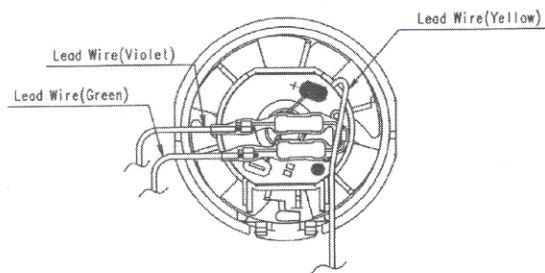
Figure 8

(9) Assembly parts into housing B as shown in Figure 9.



110V, 220-240V (For all countries)
Figure 9

(10) Assembly Heater block into housing B by controlling forming and alignment of Resistor ass'y block as shown in Figure 10.

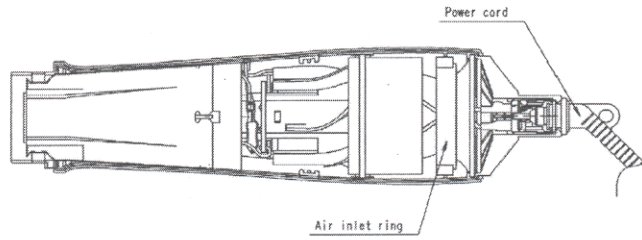
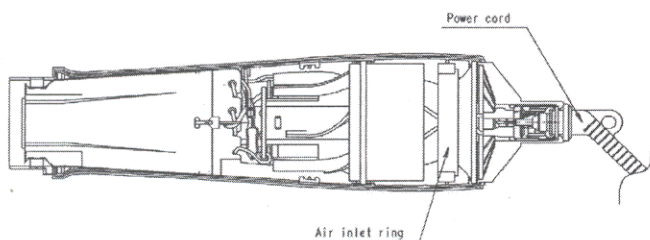


110V (For Taiwan)

220-240V (For all other countries)

Figure 10

(11) Assembly Air inlet ring and Power cord into housing B as shown in figure 11.

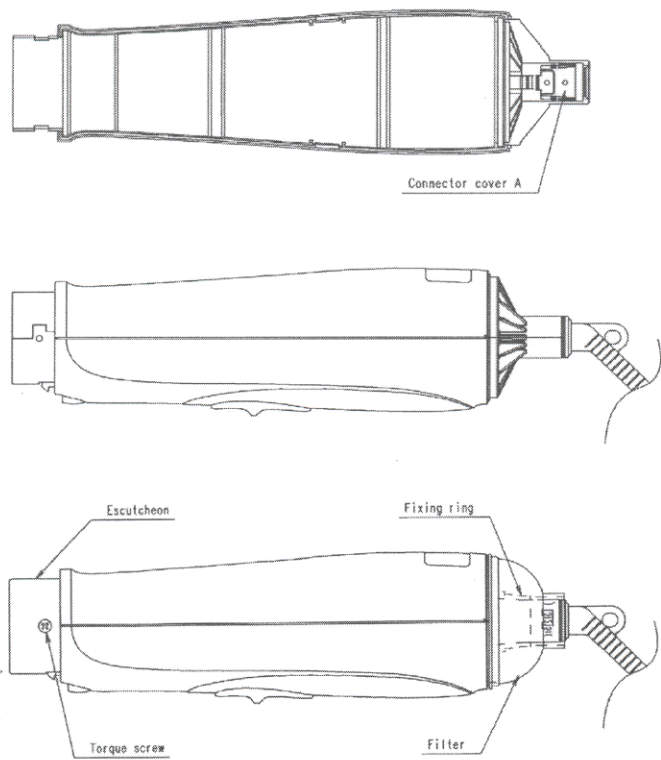


110V (For Taiwan)

220-240V (For all other countries)

Figure 11

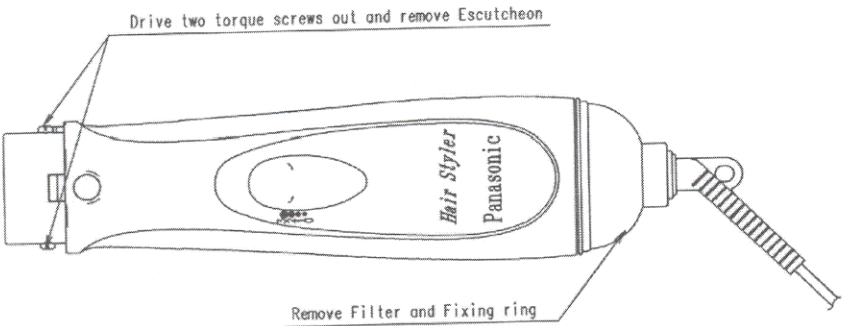
(12) Assembly Connector cover A into housing A,assembly housing A&B together,assembly fixing ring ,filter and escutcheon to housing A&B,in the end tighten two torque screws(both side) as shown in Figure 12.



110V, 220-240V (For all countries)

Figure 12

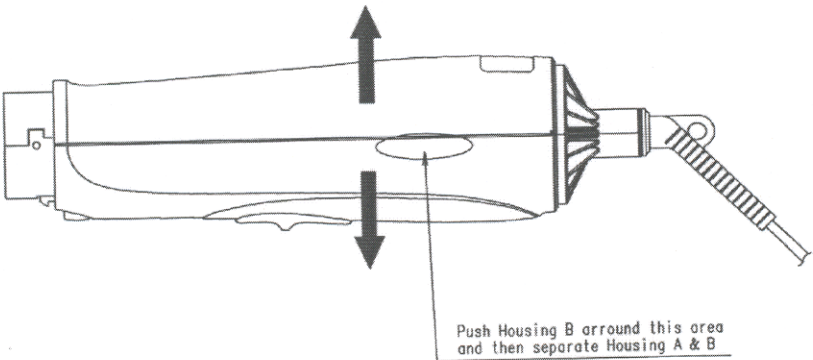
(1) Remove two torque screws from main body then remove escutcheon,filter and fixing ring as shown in Figure 13.



110V, 220-240V (For all countries)

Figure 13.

(2) Separate housing A&B by pushing housing B at indicated area as shown in Figure 14.

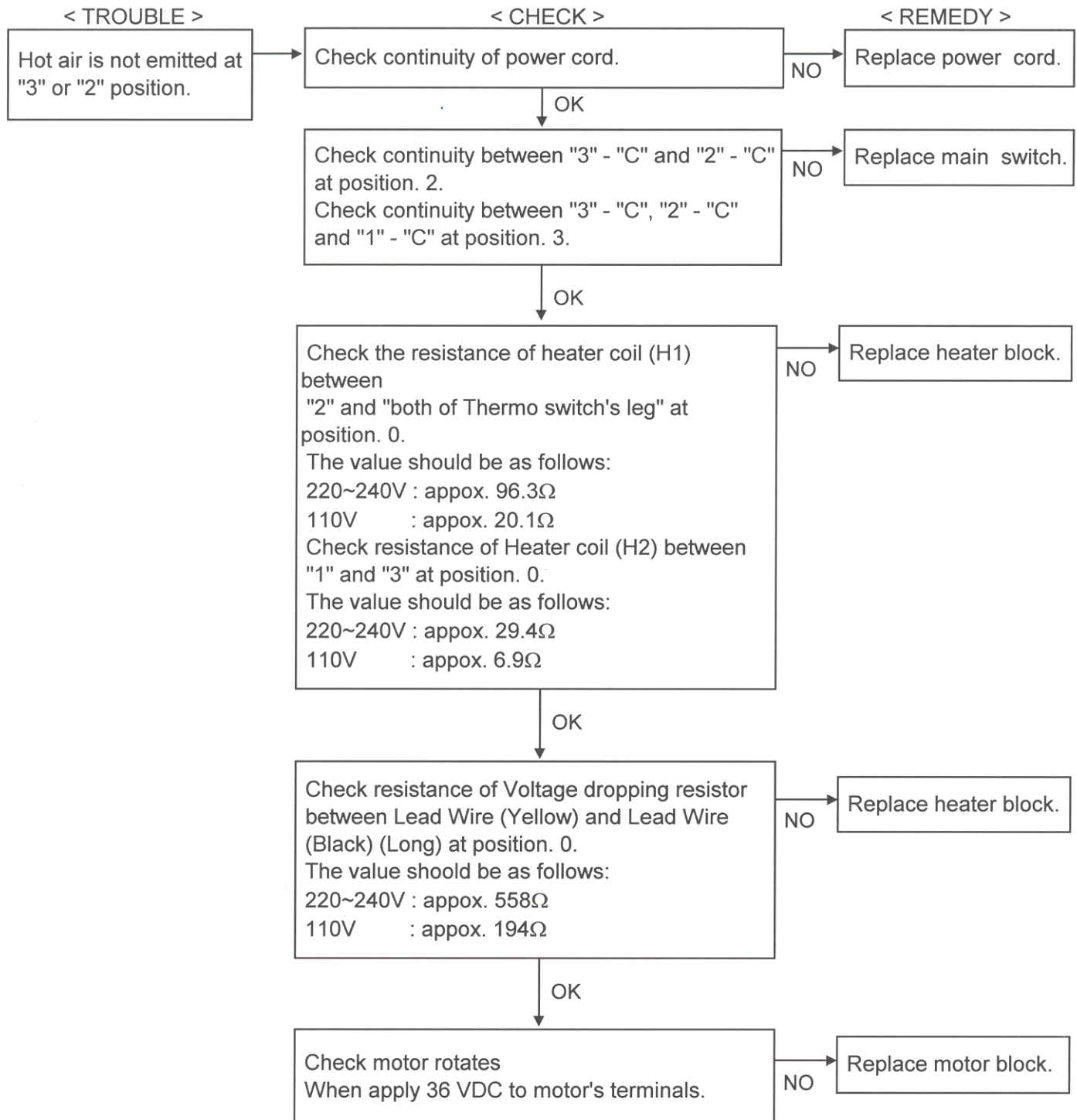


110V, 220-240V (For all countries)

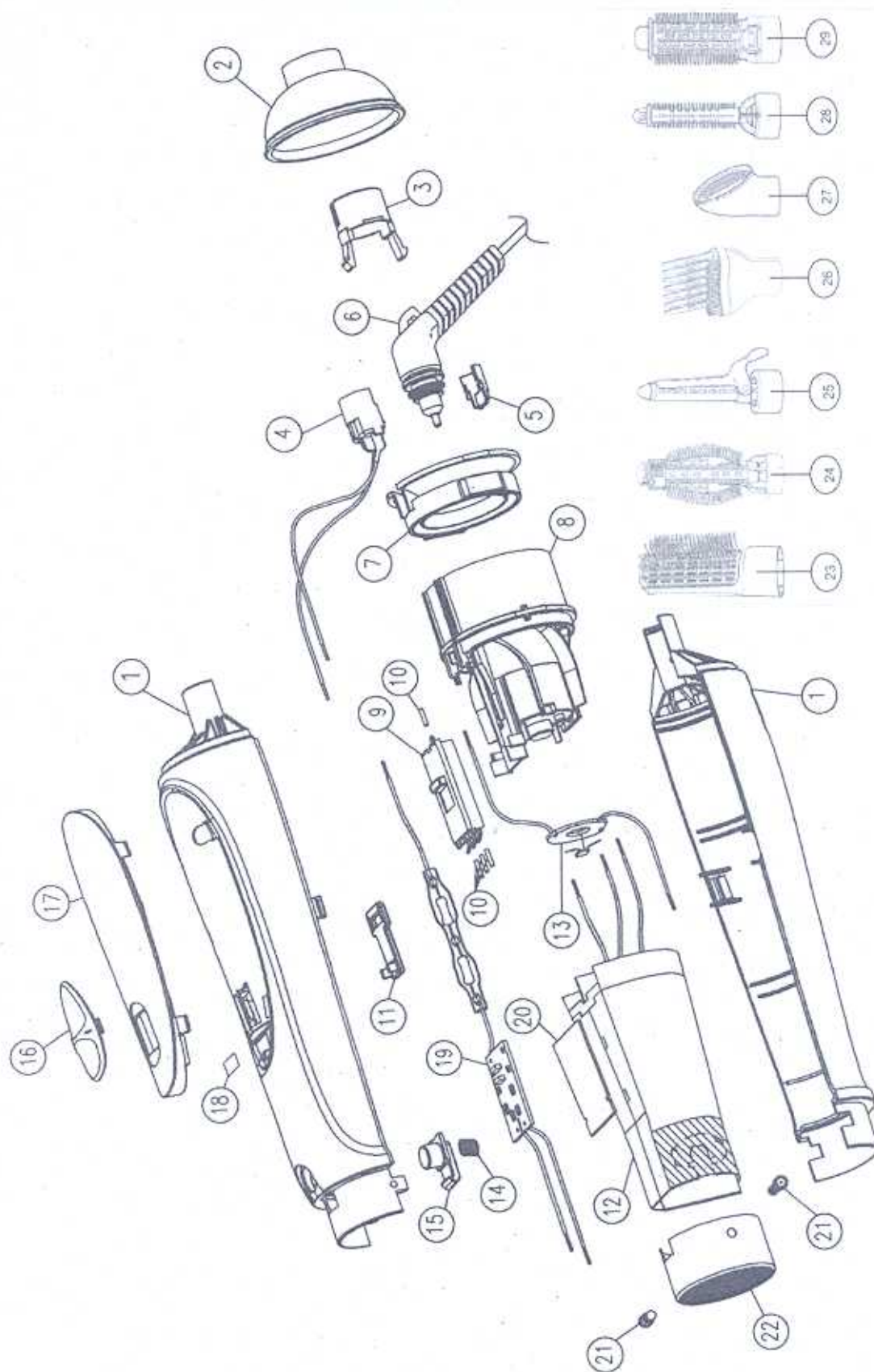
Figure 14

5 TROUBLESHOOTING GUIDE

Refer to WIRING CONNECTION DIAGRAM.



6. EXPLODED VIEW



7. REPLACEMENT PARTS LIST

Ref. No.	EH7921	EH7923	EH7925	EH7926	Parts Name & Descriptions	Per Unit	Remarks
1	EH7921HSP1W	EH7923HSP1W	EH7925HSP1W	EH7926HSP1W	HOUSING AB ASS'Y	1	PINK 110V
1	EH7921HSP2W	EH7923HSP2W	EH7925HSP2W	EH7926HSP2W	HOUSING AB ASS'Y	1	PINK 220-240V
1	EH7921HSP8W	EH7923HSP8W	EH7925HSP8W	EH7926HSP8W	HOUSING AB ASS'Y	1	PINK S'PORE,HK
1	EH7921HSP7W	EH7923HSP7W	EH7925HSP7W	EH7926HSP7W	HOUSING AB ASS'Y	1	PINK KOREA
2	EH7921FTPW	EH7923FTPW	EH7925FTPW	EH7926FTPW	FILTER	1	PINK
3	EH7921FRHW	EH7923FRHW	EH7925FRHW	EH7926FRHW	FIXING RING	1	GRAY
4	EH7921CTBW	EH7923CTBW	EH7925CTBW	EH7926CTBW	CONNECTOR COVER B ASS'Y	1	
5	EH7921CTAW	EH7923CTAW	EH7925CTAW	EH7926CTAW	CONNECTOR COVER A	1	NATURAL
6	EH7921PCA2W	EH7923PCA2W	EH7925PCA2W	EH7926PCA2W	POWER CORD	1	A2-PLUG TAIWAN
6	EH7921PCC2W	EH7923PCC2W	EH7925PCC2W	EH7926PCC2W	POWER CORD	1	C2-PLUG OTHERS
6	EH7921PCS3W	EH7923PCS3W	EH7925PCS3W	EH7926PCS3W	POWER CORD	1	S3-PLUG S'PORE,HK,SAUDI A.
6	EH7921PCB2W	EH7923PCB2W	EH7925PCB2W	EH7926PCB2W	POWER CORD	1	B2-PLUG KOREA
7	EH7921AIRTW	EH7923AIRTW	EH7925AIRTW	EH7926AIRTW	AIR INLET RING	1	NATURAL
8	EH7921MBW	EH7923MBW	EH7925MBW	EH7926MBW	MOTOR ASS'Y	1	
9	EH7921MSW	EH7923MSW	EH7925MSW	EH7926MSW	MAIN SWITCH	1	
10	EH7921ITW	EH7923ITW	EH7925ITW	EH7926ITW	INSULATION TUBE SET	4	PCS. / SET
11	EH7921ASPPW	EH7923ASPPW	EH7925ASPPW	EH7926ASPPW	ARM SWITCH PLATE	1	PINK
12	EH7921HB1W	EH7923HB1W	EH7925HB1W	EH7926HB1W	HEATER BLOCK ASS'Y	1	110V
12	EH7921HB2W	EH7923HB2W	EH7925HB2W	EH7926HB2W	HEATER BLOCK ASS'Y	1	220-240V
12	EH7921HB6W	EH7923HB6W	EH7925HB6W	EH7926HB6W	HEATER BLOCK ASS'Y	1	SAUDI A.
13	EH7921RFBW	EH7923RFBW	EH7925RFBW	EH7926RFBW	RECTIFIER ASS'Y	1	
14	EH7921CSHW	EH7923CSHW	EH7925CSHW	EH7926CSHW	COIL SPRING	1	GRAY
15	EH7921PBPW	EH7923PBPW	EH7925PBPW	EH7926PBPW	PUSH BUTTON	1	PINK
16	EH7921SWPPW	EH7923SWPPW	EH7925SWPPW	EH7926SWPPW	SWITCH PLATE	1	PINK
17	EH7921ELBW	EH7923ELBW	EH7925ELBW	EH7926ELBW	ELECTRIFICATION BOARD ASS'Y	1	
18	EH7921ALMAW	EH7923ALMAW	EH7925ALMAW	EH7926ALMAW	ALUMINIUM SEAL A	1	
19	EH7921ICC1W	EH7923ICC1W	EH7925ICC1W	EH7926ICC1W	ION CHARGE CIRCUIT ASS'Y	1	110V
19	EH7921ICC2W	EH7923ICC2W	EH7925ICC2W	EH7926ICC2W	ION CHARGE CIRCUIT ASS'Y	1	220-240V
20	EH7921IPW	EH7923IPW	EH7925IPW	EH7926IPW	INSULATION PLATE (PCB)	1	
21	EH7921T2604W	EH7923T2604W	EH7925T2604W	EH7926T2604W	TAPPING SCREW	2	*1
22	EH7921ESW	EH7923ESW	EH7925ESW	EH7926ESW	ESCUTCHEON	1	
23	EH7921HTPW	EH7923HTPW	EH7925HTPW	EH7926HTPW	HIGHT TENTION BLOW BRUSH	1	
24	-----	EH7923FEPW	EH7925FEPW	EH7926FEPW	FREE ROLL ASS'Y	1	PINK
25	-----	EH7923AAPW	EH7925AAPW	EH7926AAPW	ACCENT IRON ASS'Y	1	PINK
26	-----	-----	EH7925FEPW	EH7926FEPW	AIR FINGER ASS'Y	1	PINK
27	-----	-----	EH7925NZPW	EH7926NZPW	WIDE NOZZLE ASS'Y	1	PINK
28	-----	-----	-----	EH7926SRPW	SLIM ROLL ASS'Y	1	PINK
29	-----	-----	-----	EH7926BRAVW	BIG ROLL ASS'Y	1	VIOLET
---	-----	-----	-----	EH7926S25W	POUCH	1	PINK
---	EH7921S01UW	EH7923S01UW	EH7925S01UW	EH7926S01UW	INDIVIDUAL PACKAGE	1	
---	EH7921S03UW	EH7923S03UW	EH7925S03UW	EH7926S03UW	INSTRUCTION BOOKLET	1	
---	EH7921S09W	EH7923S09W	EH7925S09W	EH7926S09W	FILLER FOR PACKAGE	1	

RMKS : * 1 Individual Available

All parts are supplied from MEW-Thailand throught PLGA