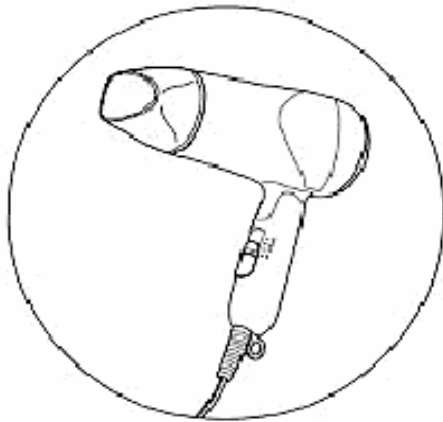


Service Manual



Hair Dryer

EH5311

SPECIFICATIONS

Power source	AC110 , 220-240V / 50-60Hz (Separately available)	Air volume	1.1 m ³ /min(3)
Power consumption	Function "3".....110V 1200W 220V 1100W 230V 1200W 240V 1300W	Air flow temperature	110V.....105°C(3) 220 - 240V.....105°C(3) (in case of room temperature 30°C)
	Function "2".....110V 570W 220V 530W 230V 570W 240V 600W	Cord length	1.75 m
		Weight	440 g

⚠ 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.

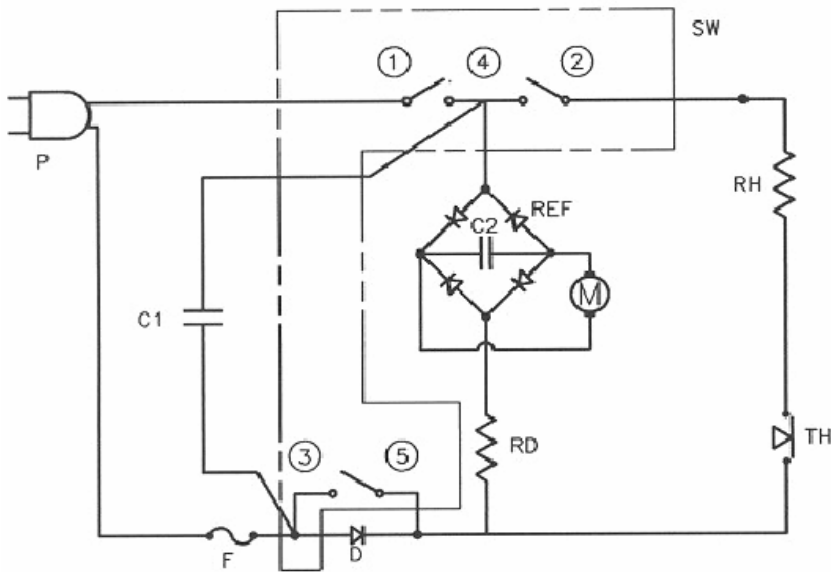
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Panasonic

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1 SCHEMATIC DIAGRAM



SW1 Main switch

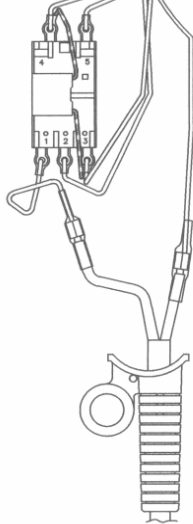
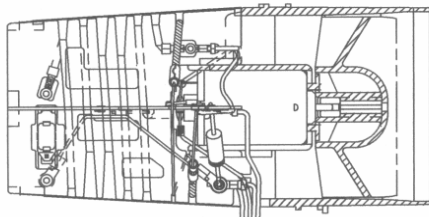
Function	① ~ ④	② ~ ④	③ ~ ⑤
0	x	x	x
1	0	x	x
2	0	0	x
3	0	0	0

O = ON

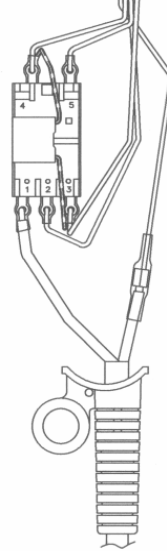
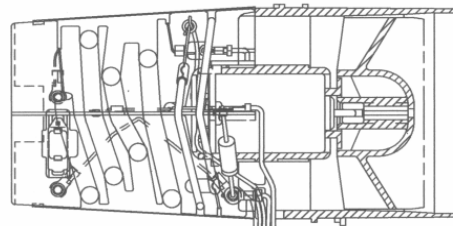
X = OFF

SYMBOL	PARTS NAME	110V (TAIWAN)	220-240V (KOREA)	220-240V (OTHER)	QTY.
		SPECIFICATION			
C1	CAPACITOR	AC275V 0.1μF	AC275V 0.1μF	NOT USE	1
C2	CAPACITOR	DC100V 0.1μF	DC100V 0.1μF	DC100V 0.1μF	1
D	DIODE	600V 5A	600V 5A	600V 5A	1
F	TEMPERATURE FUSE	142°C 12A, 250V	142°C 12A, 250V	142°C 12A, 250V	1
M	MOTOR	MM187	MM187	MM187	1
P	PLUG	12A AC250V	10A-16A AC250V	10A AC250V	1
SW	MAIN SWITCH	7.5A , AC250V/13.5A ,AC125V			1
RD	VOLTAGE DROP. RESISTOR	NCHW-2	NCHW-2	NCHW-2	1
RH	RESISTANCE WIRE	FCHRW-2	FCHW-2	FCHW-2	1
TH	THERMO SWITCH	120 ? 5°C	120 ? 5°C	120 ? 5°C	1
REF	DIODE BRIDGE	1A 400V	1A 400V	1A 400V	1

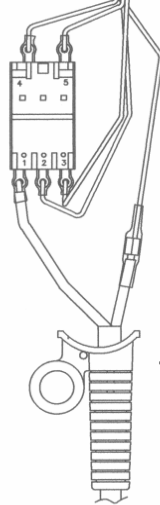
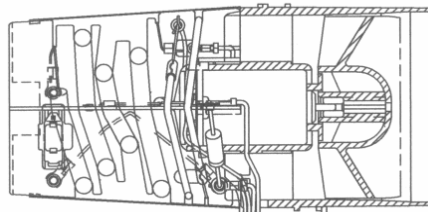
2 WIRING CONNECTION DIAGRAM



<For Taiwan>



<For Korea>



<For Other>

3 ASSEMBLY INSTRUCTIONS

(*) Caution for soldering lead wire on Main switch
Location and orientation of lead wire must be as shown in Figure 1.

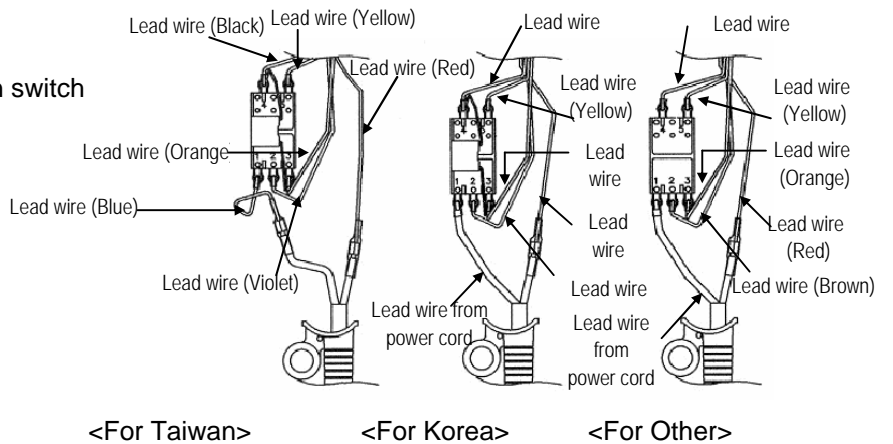


Figure 1

(1) Assembly the heater into slots of motor block assembly as shown in Figure 2.

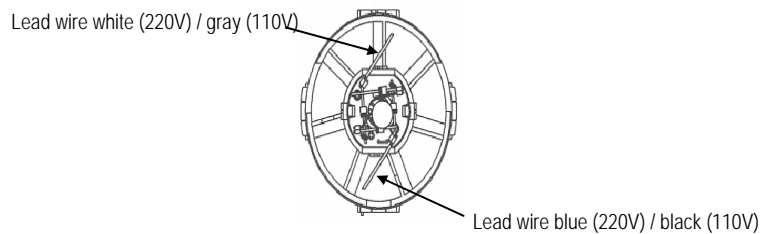


Figure 2

(2) Soldering White(220V) / Gray(110V) and Blue(220V) / Black(110V) lead wire into the heater shown as in Figure 3.

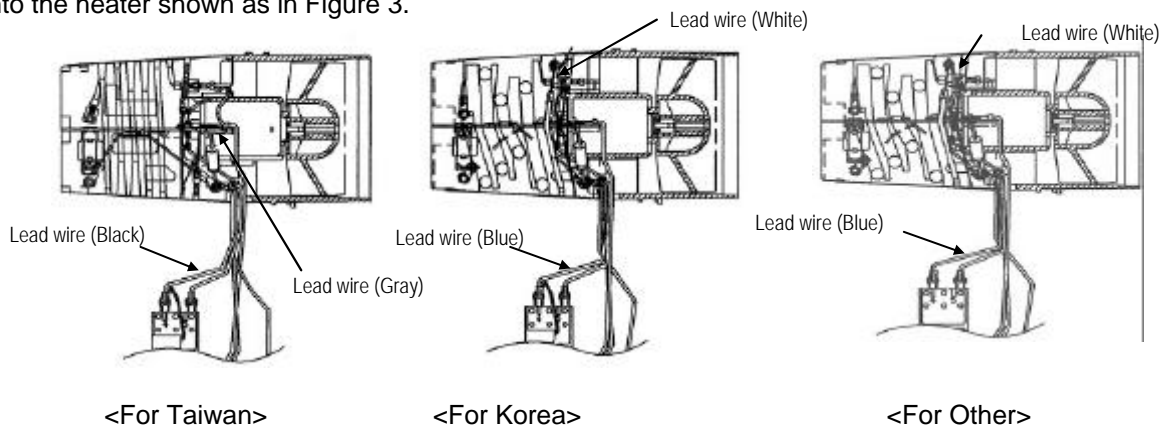


Figure 3

(3) Soldering lead wire Red from power cord into heater block assembly as shown in Figure 4.

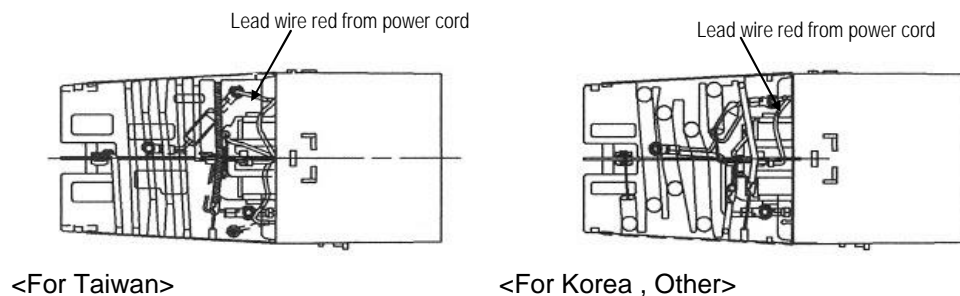


Figure 4

- (4) Insert the red, black(110V) / blue(220V), yellow, orange, Violet (110V) /brown (220V) between the guide post of air flow assembly and align heater insulator slot at lead wire position as shown in figure 5.

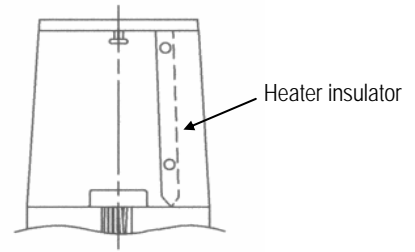


Figure 5

- (5) Set air outlet grill and outlet ring to heater block by align rib of air outlet ring with slot of front housing as shown in Figure 6.

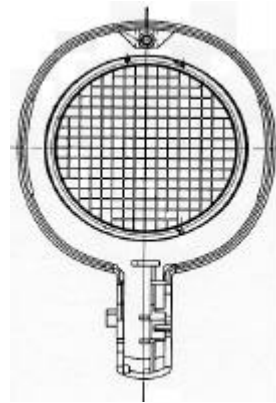


Figure 6

- (6) Put heater block into front housing by align heater base board with air outlet ring.

- (7) Assembly housing cover and back housing with front housing, install swivel ring and drive tapping screw size 2.6x6 as shown in Figure 7.

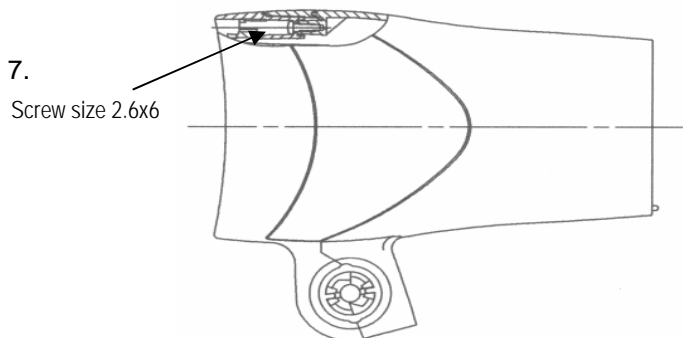


Figure 7

- (8) Install handle B, by make sure align all lead wire at right hand side of screw bush as shown in Figure 8.

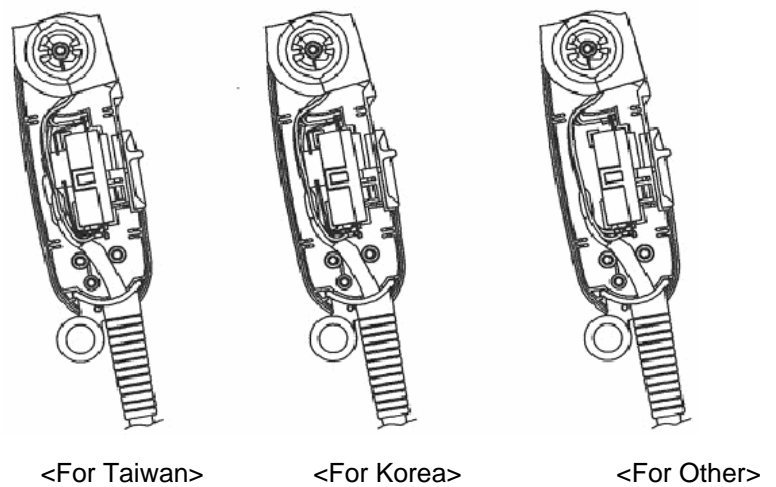


Figure 8

(9) Install the Main switch plate, Main switch, Leadwire at the position as shown in Figure 8.

(10) Set power cord, bushing as shown in Figure 8.

(11) Install Capacitor (in case of Taiwan & Korea model) as shown in Figure 8.

(12) Assembly handle A with handle B and drive with 2 torque screw as shown in Figure 9.

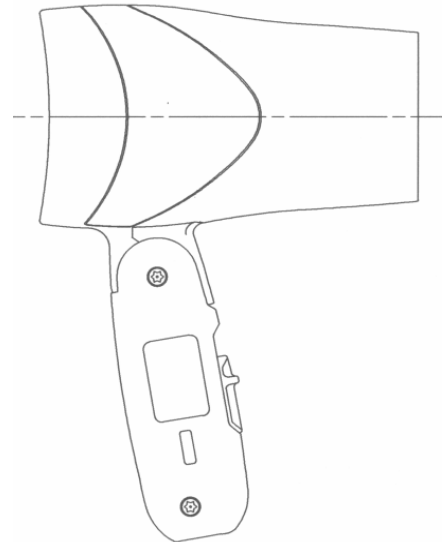


Figure 9

(13) Assembly air inlet grill into back housing .

First ; Guide of Air inlet grill touch with Guide of back housing.

Second ; turn to clock wise direction . And then drive tapping screw size 2.6x8 as shown in Figure 10.

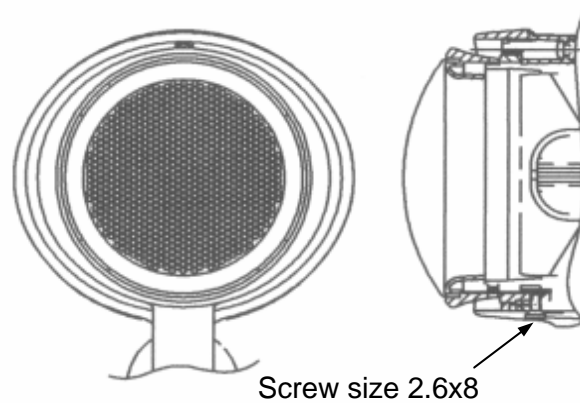


Figure 10

4 DISASSEMBLY INSTRUCTIONS

- (1) Remove 2 torque screws from main body with a torque head driver as shown in Figure 11.

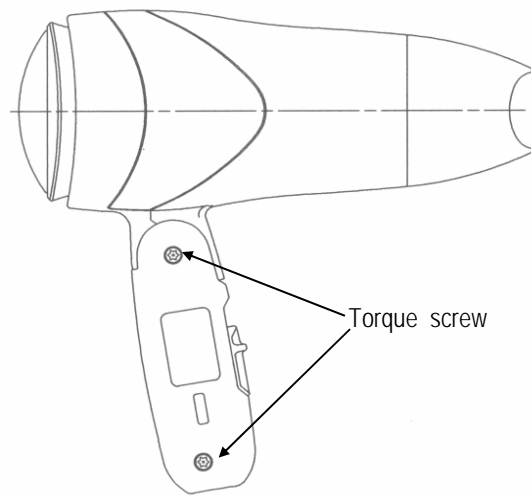


Figure 11

- (2) Remove tapping screw from the bottom of back housing and remove tapping screw from the inside back housing.
- (3) Remove swivel ring.
- (4) Remove the Motor block, Heater block, Main switch

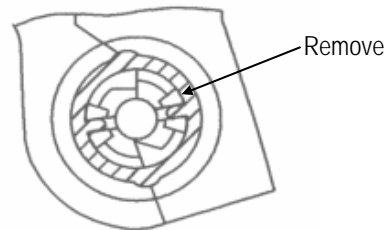
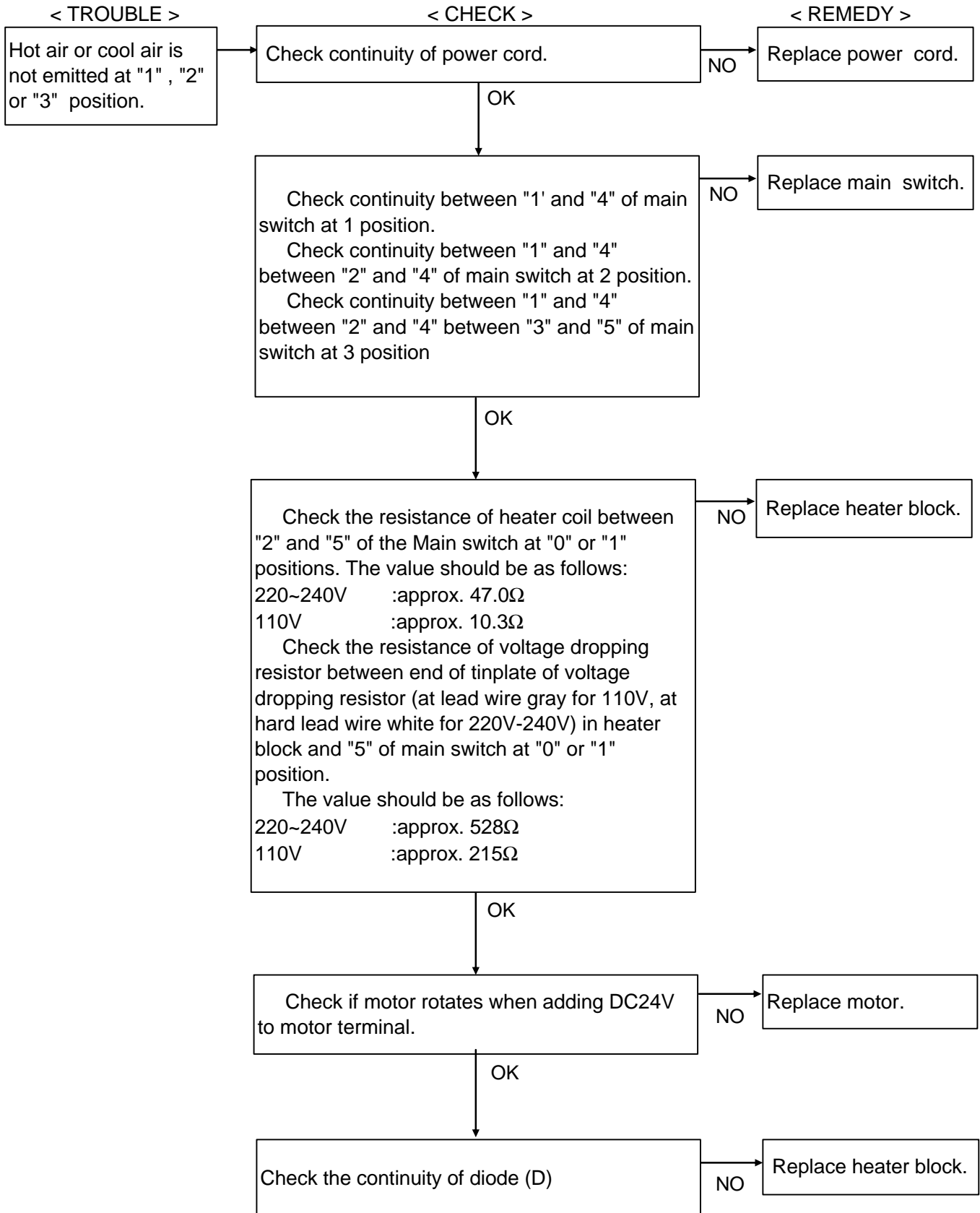


Figure 12

5 TROUBLESHOOTING GUIDE

Refer to WIRING CONNECTION DIAGRAM.



REPLACEMENT PARTS PRICE LIST
MODEL: EH5311(PANASONIC)

RMKS: *1= Available individually

23-Mar-05

Ref. No.	Parts No.	Parts Name & Descriptions	Per Unit	RMKS
1	EH5311HSALW	HOUSING A	1	BLUE
1	EH5311HSAWW	HOUSING A	1	WHITE
2	EH5311HSBLLW	HOUSING B	1	L/BLUE
2	EH5311HSBLDW	HOUSING B	1	L/ORANGE
3	EH5311HSCLW	HOUSING COVER	1	BLUE, OTHER
3	EH5311HSCDW	HOUSING COVER	1	ORANGE, OTHER
3	EH5311HSCL8W	HOUSING COVER	1	BLUE, S'PORE,HK
3	EH5311HSCD8W	HOUSING COVER	1	ORANGE, S'PORE,HK
4	EH5311HDL1W	HANDLE AB ASS'Y	1	BLUE, TAIWAN
4	EH5311HDW1W	HANDLE AB ASS'Y	1	WHITE, TAIWAN
4	EH5311HDL2W	HANDLE AB ASS'Y	1	BLUE, OTHER
4	EH5311HDW2W	HANDLE AB ASS'Y	1	WHITE, OTHER
4	EH5311HDL8W	HANDLE AB ASS'Y	1	BLUE, S'PORE,HK
4	EH5311HDW8W	HANDLE AB ASS'Y	1	WHITE, S'PORE,HK
4	EH5311HDL7W	HANDLE AB ASS'Y	1	BLUE, KOREA
4	EH5311HDW7W	HANDLE AB ASS'Y	1	WHITE, KOREA
5	EH5311AIAWW	AIR INLET ASS'Y	1	WHITE
5	EH5311AIADW	AIR INLET ASS'Y	1	ORANGE
6	EH5311T0312W	TAPPING SCREW	2	*1
7	EH5311T2608W	TAPPING SCREW	1	
8	EH5311T2660W	TAPPING SCREW	1	
9	EH5311MSPLW	MAIN SWITCH PLATE	1	BLUE
9	EH5311MSPWW	MAIN SWITCH PLATE	1	WHITE
10	EH5311MS9W	MAIN SWITCH	1	TAIWAN, KOREA
10	EH5311MSW	MAIN SWITCH	1	OTHERS
11	EH5311AOGW	AIR OUTLET GRILL	1	
12	EH5311AORLHW	AIR OUTLET RING	1	L/GRAY
13	EH5311HB1W	HEATER BLOCK ASS'Y	1	110V
13	EH5311HB2W	HEATER BLOCK ASS'Y	1	220-240V
14	EH5311MBW	MOTOR BLOCK ASS'Y	1	
15	EH5311PCA2W	POWER CORD ASS'Y	1	A2-PLUG, TAIWAN
15	EH5311PCC2W	POWER CORD ASS'Y	1	C2-PLUG, OTHER
15	EH5311PCS3W	POWER CORD ASS'Y	1	S3-PLUG, S'PORE,HK
15	EH5311PCB2W	POWER CORD ASS'Y	1	B2-PLUG, KOREA
16	EH5311NZLLW	NOZZLE	1	L/BLUE
16	EH5311NZLDW	NOZZLE	1	L/ORANGE
17	EH5311SRTW	SWIVEL RING	1	NATURAL
--	EH5311SU01LW	INDIVIDUAL PACKAGE	1	BLUE
--	EH5311SU01DW	INDIVIDUAL PACKAGE	1	ORANGE
--	EH5311SU03W	INSTRUCTION BOOKLET	1	
--	EH5311S09W	FILLER FOR PACKAGE	1	

RMKS : * 1 Individual Available

All parts are supplied from MEW-Thailand throught PLGA