

# Service Manual

(Household) Hair Straightener

Model No. EH-HS95

Asia



## ⚠ WARNING

This service information 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.

## IMPORTANT SAFETY NOTICE

There are special components used in this equipment which are important for safety. These parts are marked by **⚠** in the Schematic Diagrams, Circuit Board Diagrams, Exploded Views and Replacement Parts List. It is essential that these critical parts should be replaced with manufacturer's specified parts to prevent shock, fire or other hazards. Do not modify the original design without permission of manufacturer.

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# 1 Warning

## Caution:

- Pb free solder has a higher melting point than standard solder; Typically the melting point is 50 - 70°F (30 - 40°C) higher. Please use a soldering iron with temperature control and adjust it to  $750 \pm 20^{\circ}\text{F}$  ( $400 \pm 10^{\circ}\text{C}$ ). In case of using high temperature soldering iron, please be careful not to heat too long.
- Pb free solder will tend to splash when heated too high (about  $1100^{\circ}\text{F}$  /  $600^{\circ}\text{C}$ ).

# 2 Specifications

Model	EH-HS95	
Sales Area	Asia	
Power source / Power consumption	AC 220V ~ 50-60Hz	35.1W (Max.38.8W)
	AC 230V ~ 50-60Hz	35.4W (Max.39.1W)
	AC 240V ~ 50-60Hz	35.7W (Max.39.4W)
Iron Plate temperature	$150\text{-}170\text{-}180\text{-}190\text{-}200^{\circ}\text{C}$ (5 level settings)	
Body size (mm.)	280×40×45	
Weight	S3 Plug (UK13A3)	460 g
	B2 Plug (M3204)	410 g
	B2 Plug (SF822)	410 g
	B2 Plug (SF868)	410 g
Cord length	S3 Plug (UK13A3)	1.7 m
	B2 Plug (M3204)	1.7 m
	B2 Plug (SF822)	1.7 m
	B2 Plug (SF868)	1.7 m

### 3 Troubleshooting Guide

Refer to Wiring Connection Diagram.

< CHECKING PROCEDURE >

< CHECKING METHOD >

< REMEDY >

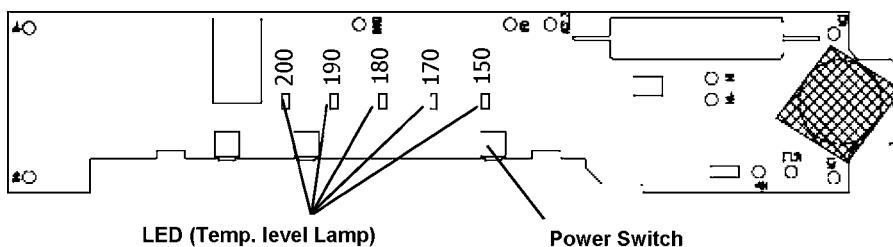
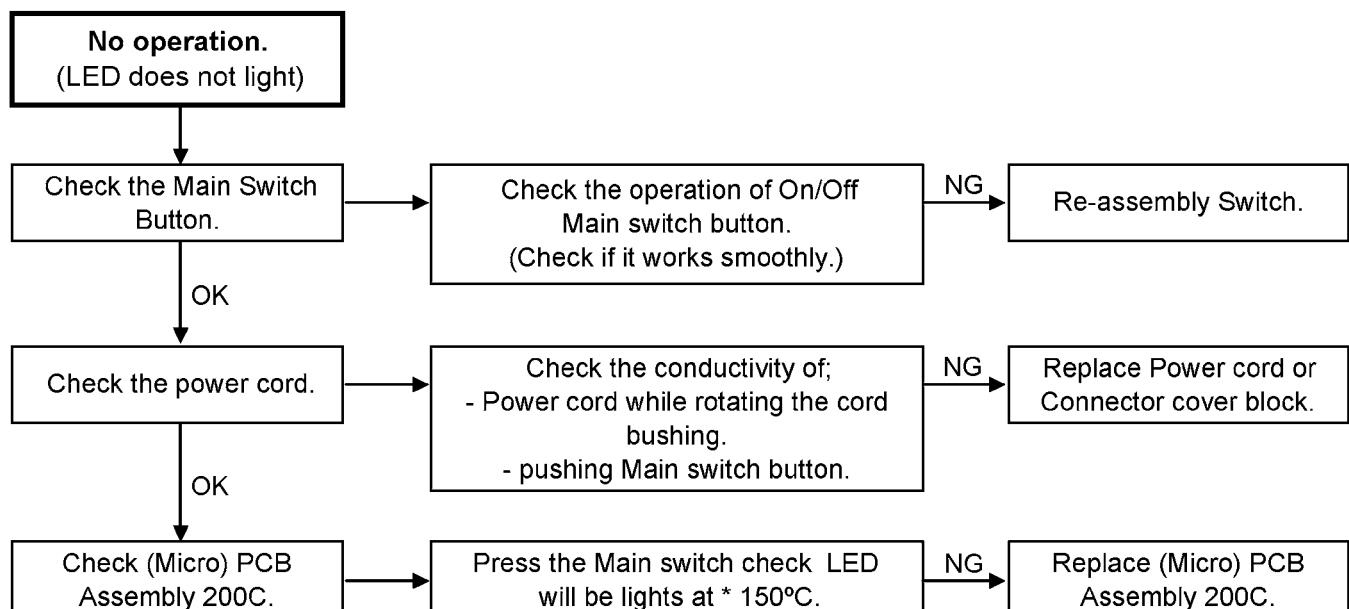
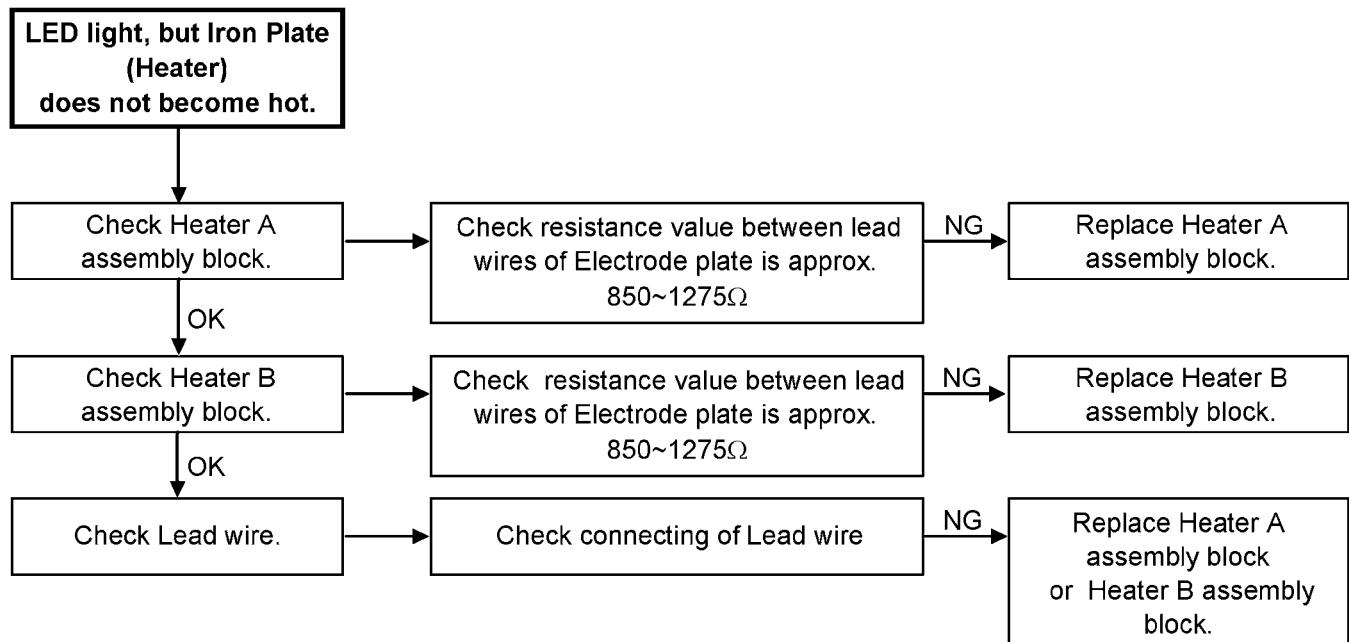


Figure1

(Micro) PCB Assembly



< CHECKING PROCEDURE >

< CHECKING METHOD >

< REMEDY >

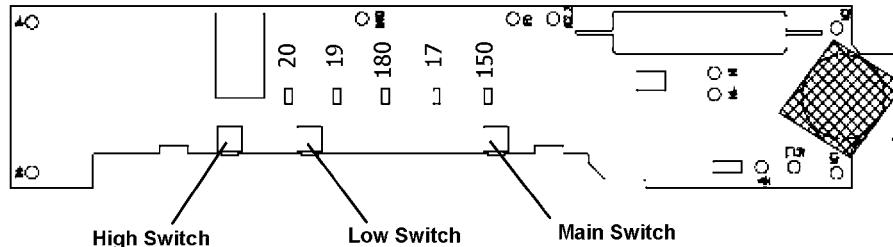
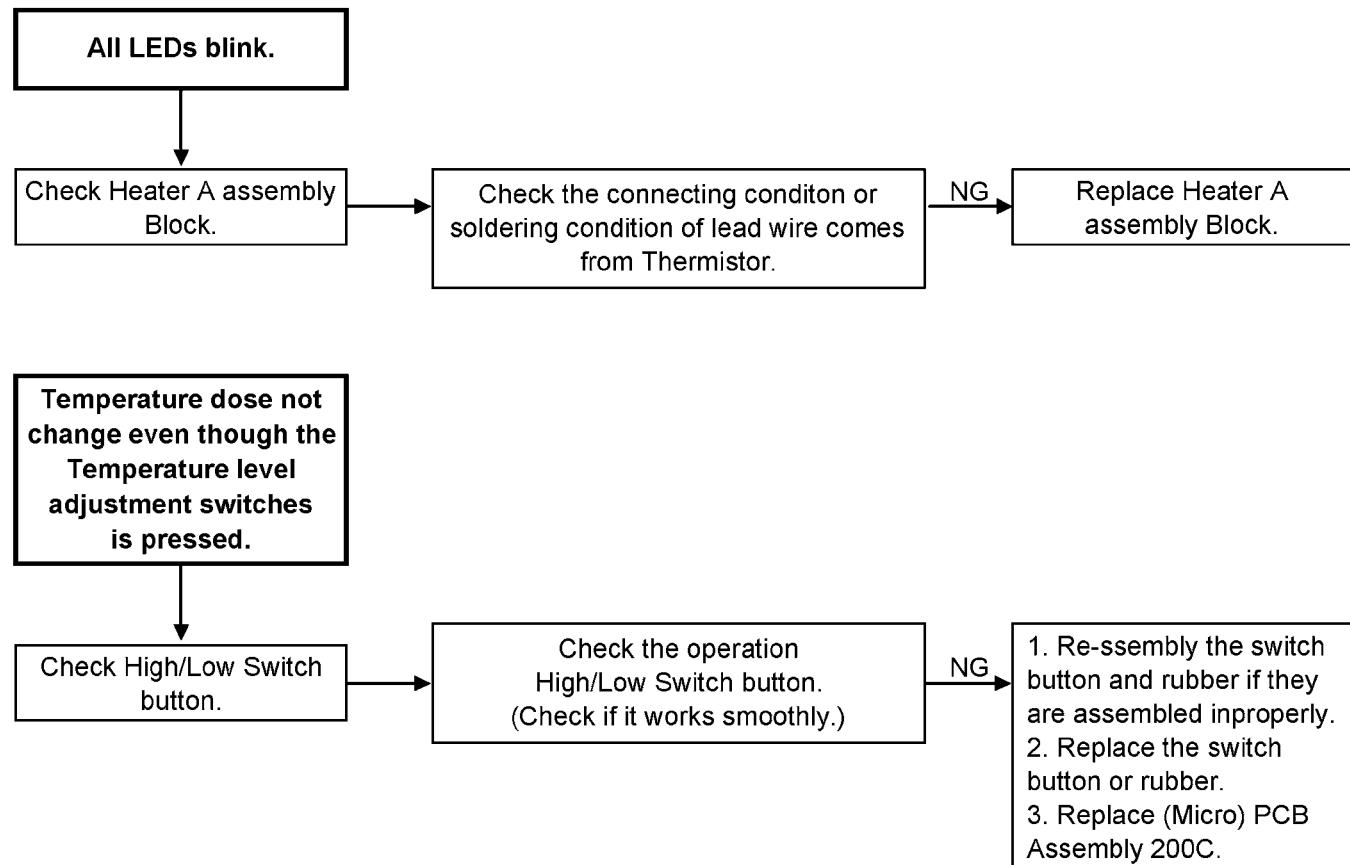


Figure2

(Micro) PCB Assembly

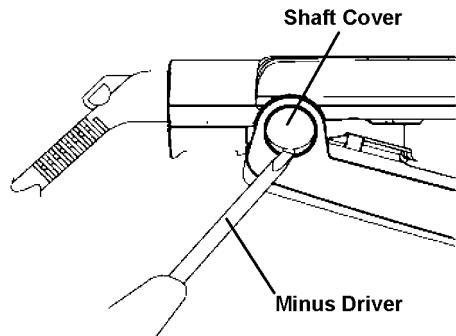
## 4 Disassembly and Assembly Instructions

### 4.1. Disassembly Instructions

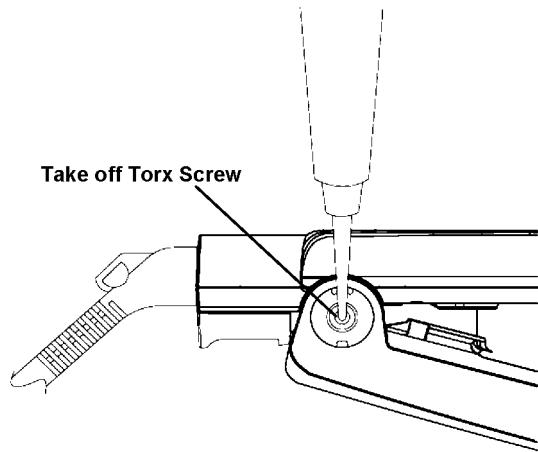
1. Remove Shaft Cover from Main Body by Slotted screw driver (Minus Driver).

**NOTE:**

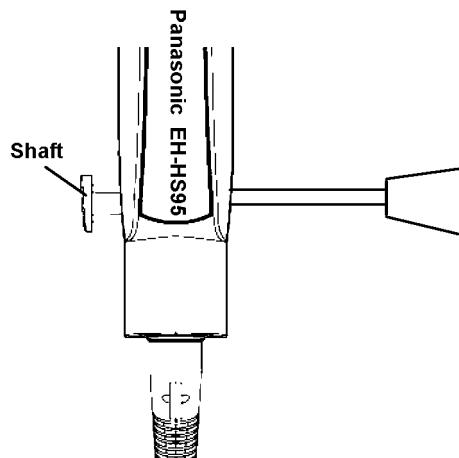
Use NEW Shaft cover once disassembling due to easily breakage or looseness of hook.



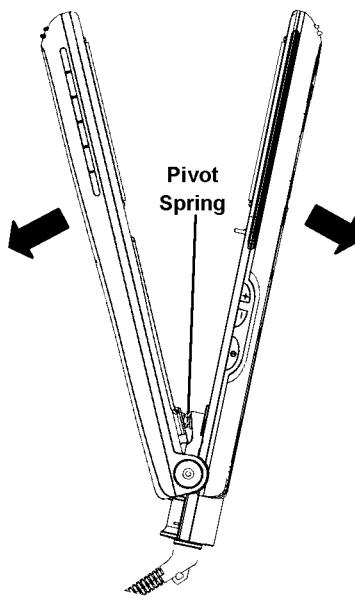
2. Remove Torx screws at Shaft position by Phillips screw driver (Star Driver).



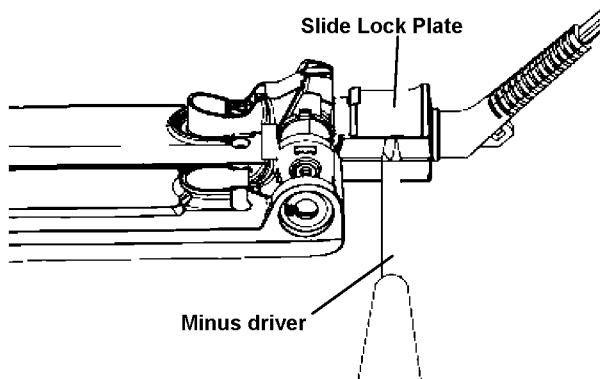
3. Remove Shaft out by tiny-shaped Phillips screw drivers and pull it out from the Main body.



4. Remove Pivot spring by gripping and pulling it out from the Main body.



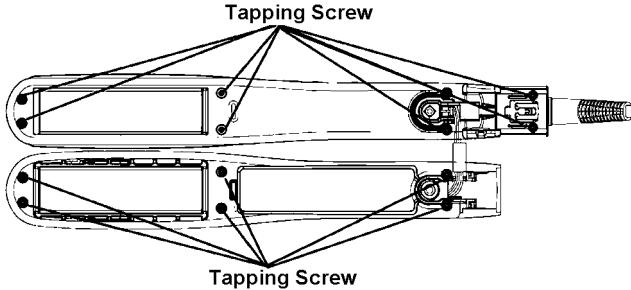
5. Remove Slide Lock Plate from Main Body by Slotted screw driver (Minus Driver).



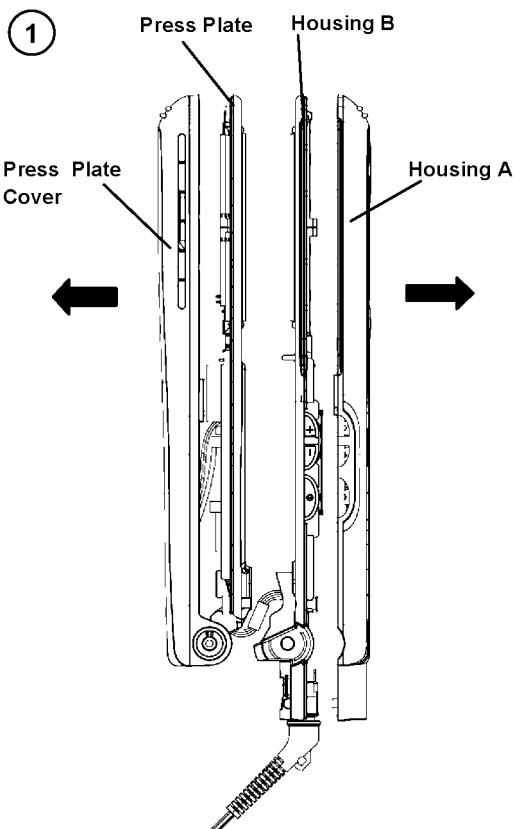
**NOTE:**

Use NEW Shaft cover once disassembling due to easily breakage or looseness of hook.

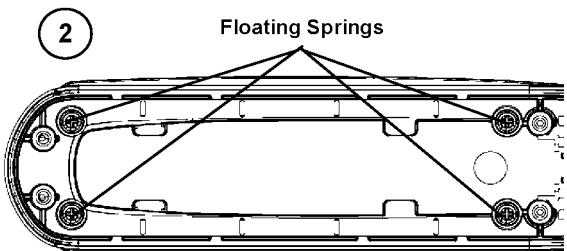
6. Remove Tapping Screw from Housing side and press Plate side Phillips screw driver (Plus Driver).



7. Remove Housing A from Housing B and remove Press Plate Cover from Press Plate follow as below drawing.

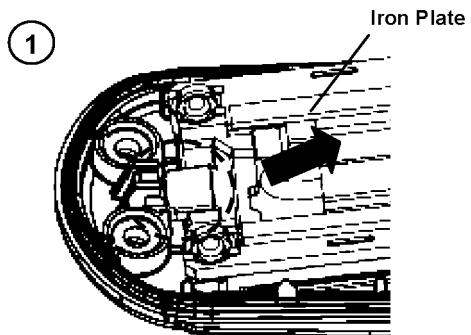


- When remove Housing A,  
Becareful Floating Spring 4 pcs. disappear

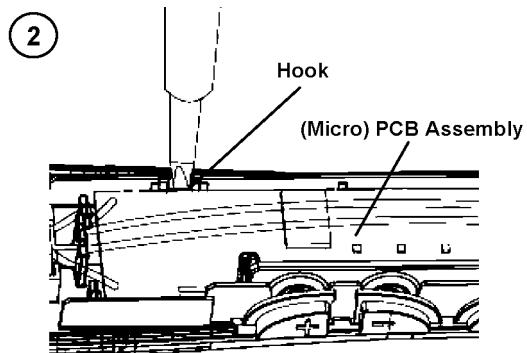


8. Take off Iron Plate and (Micro) PCB Assembly 200C from Housing B.

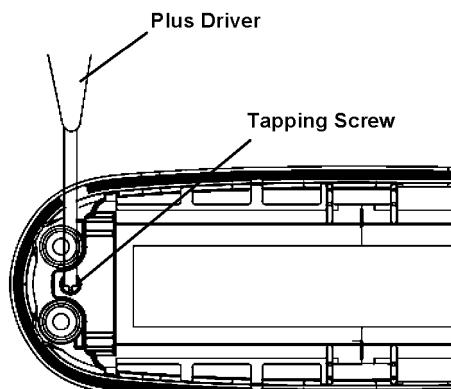
- Take off Iron Plate from Housing B.  
Slide and take off Iron Plate from Hook.



- Take off (Micro) PCB Assembly from Housing B by push at Hook of Housing B.

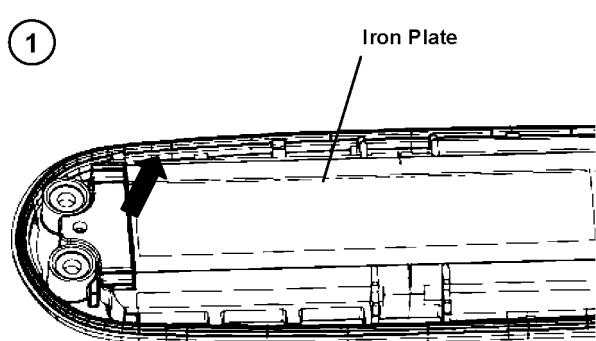


9. Remve Tapping Screw from Heater holder B by Philips screw driver (Plus Driver).

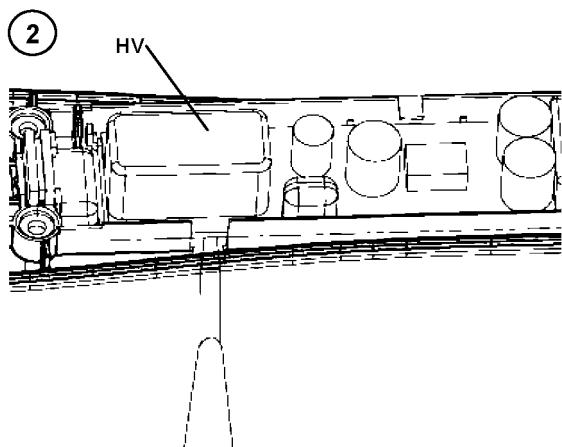


10. Take off Iron Plate and (High Voltage Igniter) PCB Assembly from Press Plate.

- Take off Iron Plate from Press Plate.

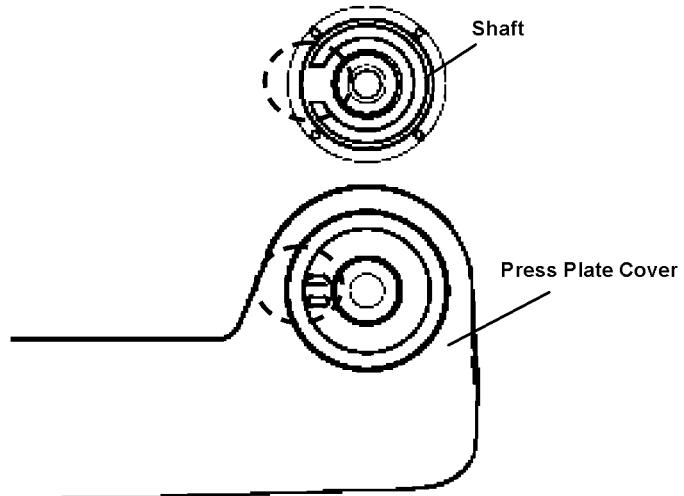


- Take off (High Voltage Igniter) PCB Assembly from Press Plate.

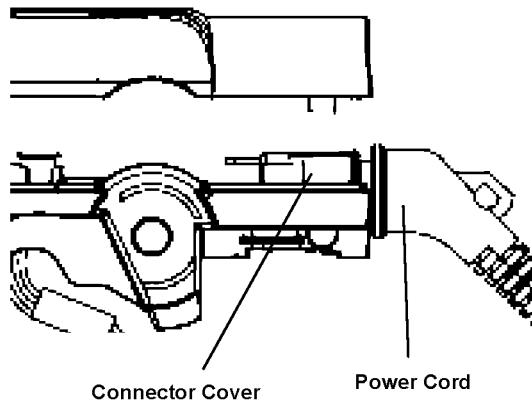


## 4.2. Assembly Instructions

1. Shaft Cover fixing point. Have control direction.

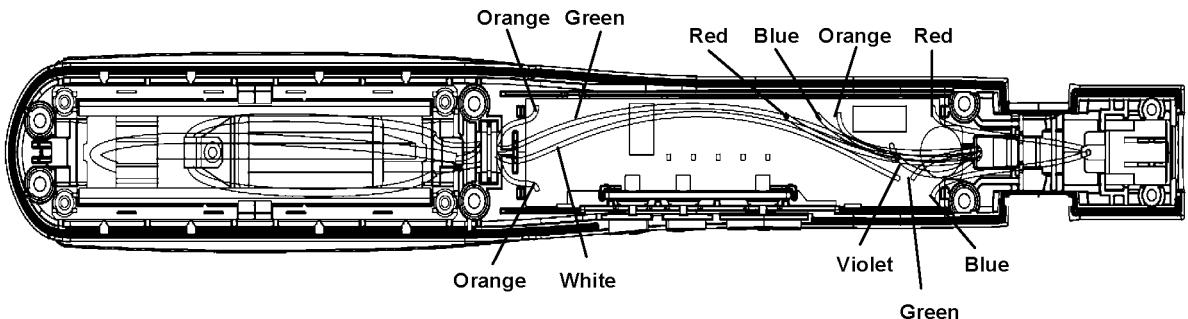


2. Housing B Assembly Point. When insert Power cord must be surely assembly in Connector Cover follow as below.

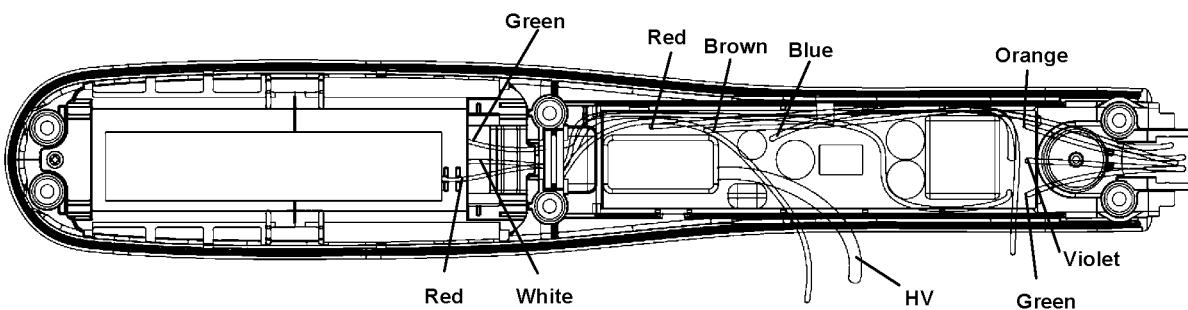


#### 4.3. Lead wire of Iron Plate (Heater A , Heater B) and Circuit arrangement points.

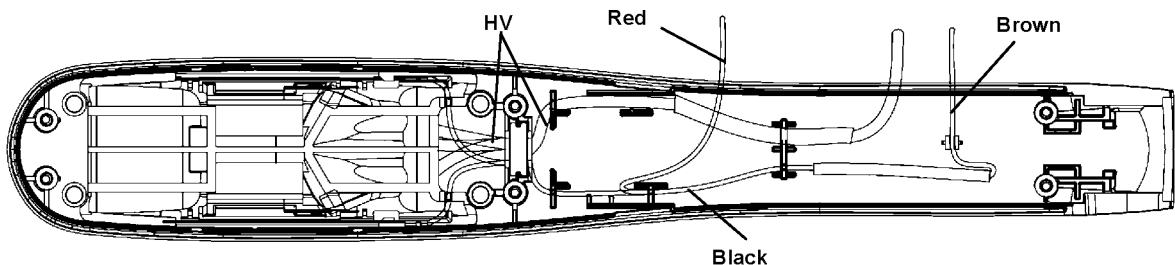
1. Lead wire of Iron Plate (Heater A assembly block) and (Micro) PCB Assembly 200C arrangement follow as below.



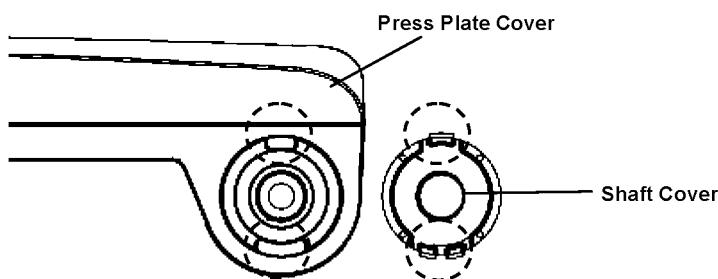
2. Lead wire of Iron Plate (Heater B assembly block) and (High Voltage Igniter) PCB Assembly arrangement follow as below.



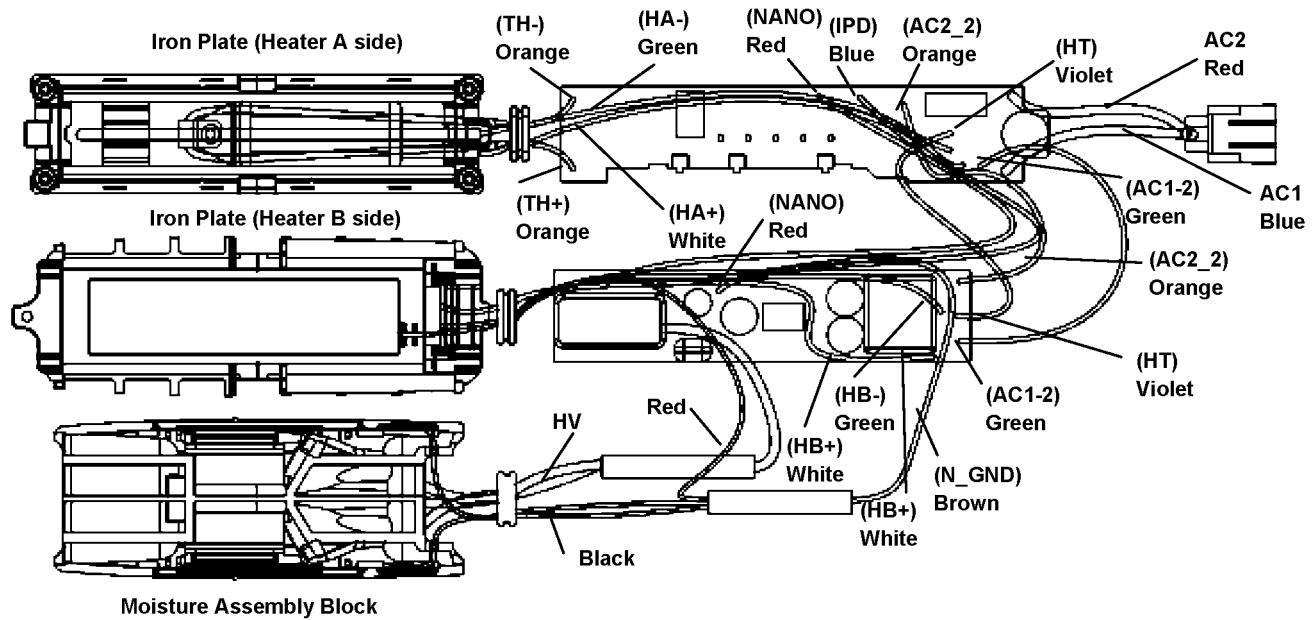
3. Lead wire of Moisture Assembly Block arrangement follow as below.



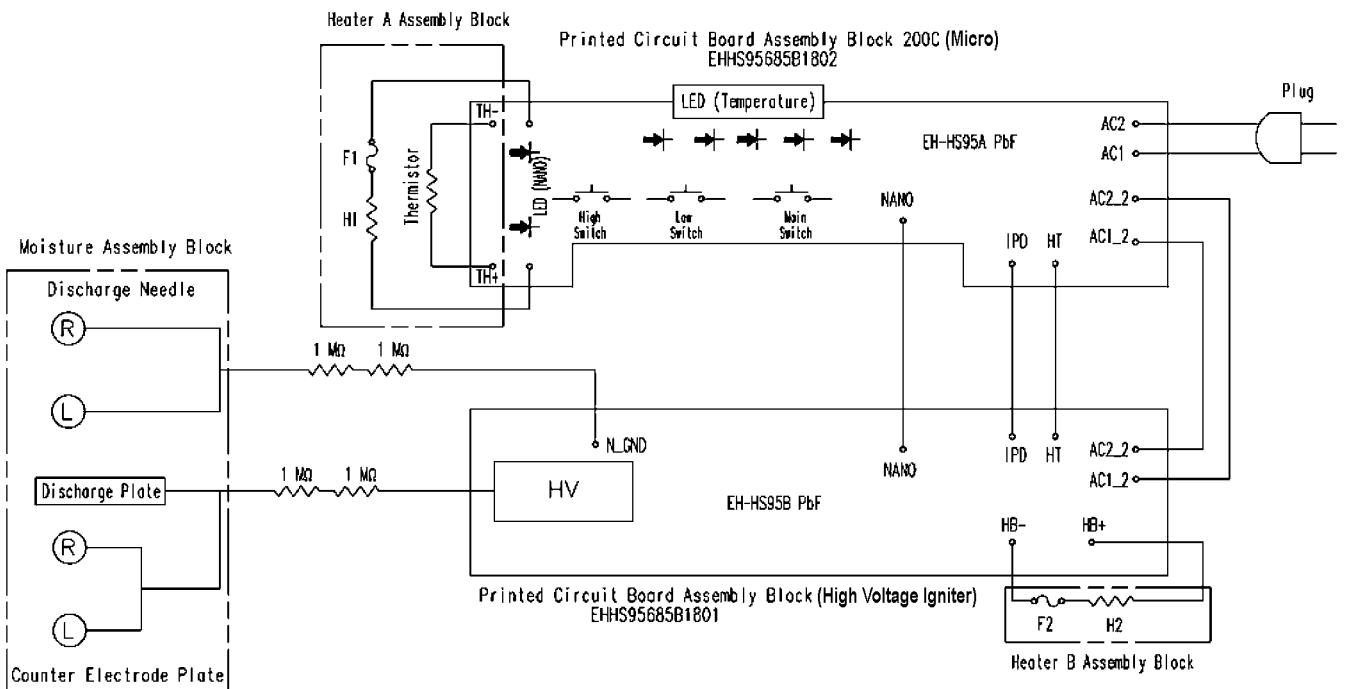
4. Shaft Cover must be control direction follow as below.



## 5 Wiring Connection Diagram

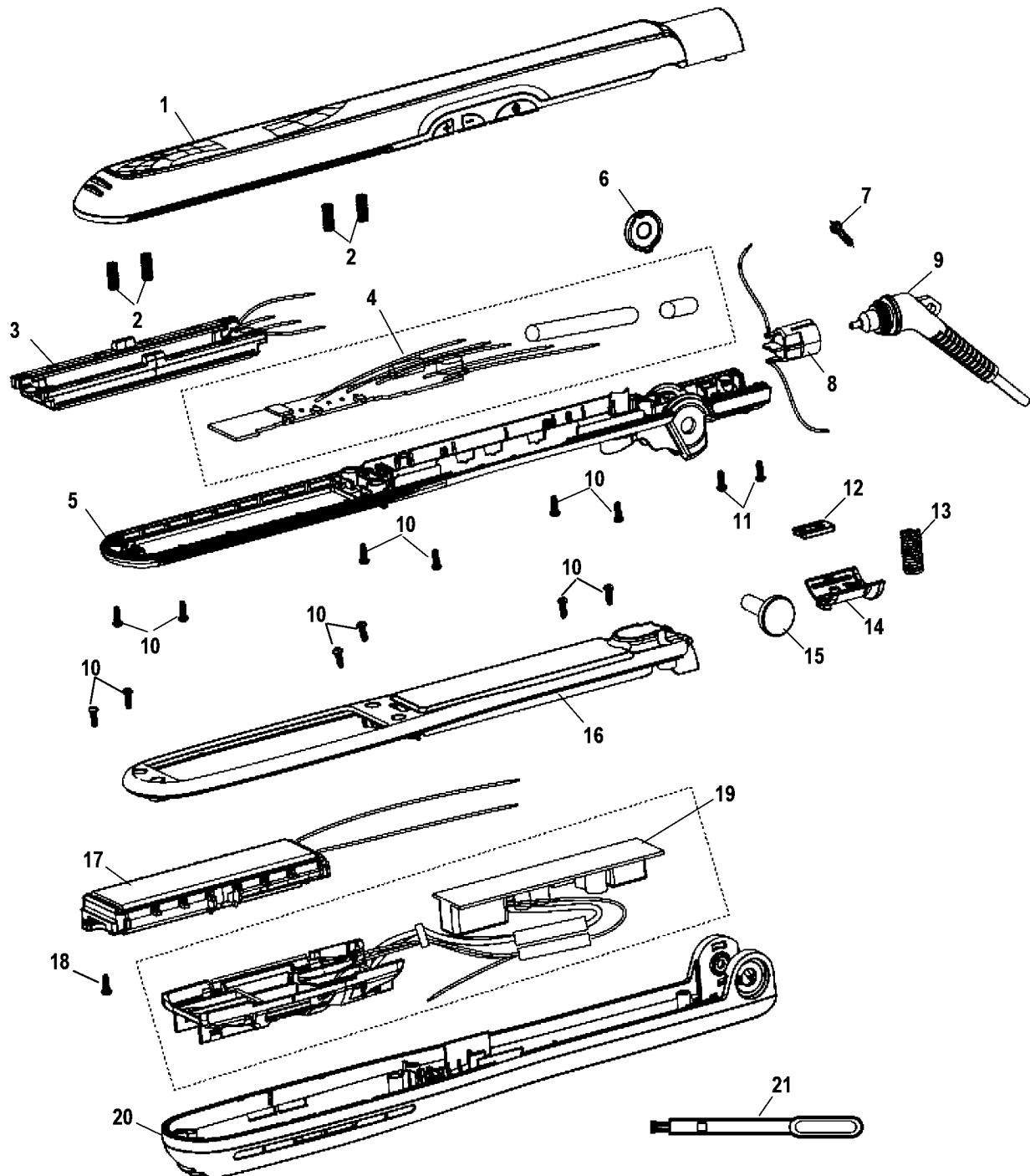


## 6 Schematic Diagram



## 7 Exploded View and Replacement Parts List

### 7.1. Exploded View



All parts are supplied from PMFTH-AP through PLAP

## 7.2. Replacement Parts List

Safety	Ref. No.	Part No.	Part Name & Description	Quantity	Remarks
	1	EHHS95HSABW	HOUSING A ASSEMBLY BLOCK	1	
	2	EHHS95FSW	FLOATING SPRING	4	*1
	3	EHHS95HABW	HEATER A ASSEMBLY BLOCK	1	
	4	EHHS95CCAW	CIRCUIT BOARD ASSEMBLY BLOCK	1	(INCLUDE 2 INSULATION TUBES)
	5	EHHS95HS41BW	HOUSING B	1	(FOR EH-HS95-K415 : INDONESIA)
	5	EHHS95HS67BW	HOUSING B	1	(FOR EH-HS95-K675 : KOREA)
	5	EHHS95HS68BW	HOUSING B	1	OTHERS
	5	EHHS95HS69BW	HOUSING B	1	(FOR EH-HS95-K695 : KUWAIT / QATAR )
	6	EHHS95SHCBW	SHAFT COVER	1	
	7	EHHS95T3010W	TORX SCREW 3*10	1	
	8	EHHS95CTBW	CONNECTOR COVER BLOCK	1	
	9	EHHS95PC61BW	POWER CORD	1	B2 PLUG (M3204)
	9	EHHS95PC67BW	POWER CORD	1	B2 PLUG (SF868), KOREA
	9	EHHS95PC68BW	POWER CORD	1	S3 PLUG (UK13A3)
	10	EHHS95T2606W	TAPPING SCREW 2.6*6	12	*1
	11	EHHS952060BW	TAPPING SCREW 2.0*6 (BLACK)	2	*1
	12	EHHS95LPSTW	LOCK PLATE SPRING	1	
	13	EHHS95PSW	PIVOT SPRING	1	
	14	EHHS95SLPBW	SLIDE LOCK PLATE	1	
	15	EHHS95SHBW	SHAFT	1	
	16	EHHS95PPBW	PRESS PLATE	1	
	17	EHHS95HBBW	HEATER B ASSEMBLY BLOCK	1	
	18	EHHS952060SW	TAPPING SCREW 2.0*6 (SILVER)	1	
	19	EHHS95HVCW	MOISTURE HV CIRCUIT ASSEMBLY BLOCK	1	(INCLUDE 1 ALUMINUM SEAL)
	20	EHHS95PPC41W	PRESS PLATE COVER	1	(FOR INDONESIA)
	20	EHHS95PPC61W	PRESS PLATE COVER	1	NO PRINTED "nanocare"
	20	EHHS95PPC62W	PRESS PLATE COVER	1	PRINTED "nanocare"
	20	EHHS95PPC67W	PRESS PLATE COVER	1	(FOR KOREA)
	21	EHHS95CBW	CLEANING BRUSH	1	
-	EHHS9567S03W	OPERATING INSTRUCTIONS	1	(FOR KOREA)	
-	EHHS9568S03W	OPERATING INSTRUCTIONS	1	(FOR ASIA)	
-	EHHS95S415KW	INDIVIDUAL PACKAGE	1	(FOR EH-HS95-K415)	
-	EHHS95S615KW	INDIVIDUAL PACKAGE	1	(FOR EH-HS95-K615)	
-	EHHS95S62KW	INDIVIDUAL PACKAGE	1	(FOR EH-HS95-K62 : INDIA)	
-	EHHS95S655KW	INDIVIDUAL PACKAGE	1	(FOR EH-HS95-K655)	
-	EHHS95S665KW	INDIVIDUAL PACKAGE	1	(FOR EH-HS95-K665)	
-	EHHS95S675KW	INDIVIDUAL PACKAGE	1	(FOR EH-HS95-K675)	
-	EHHS95S685KW	INDIVIDUAL PACKAGE	1	(FOR EH-HS95-K685)	
-	EHHS95S695KW	INDIVIDUAL PACKAGE	1	(FOR EH-HS95-K695)	
-	EHHS95S09W	PULP FILLER	1		

Remarks : \*1 Individual Available