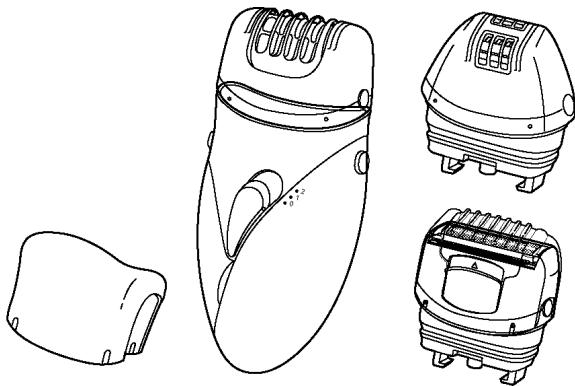


# Service Manual

**Epilator**

**ES2028-E2**



## SPECIFICATIONS

Power source	AC220-240V, 50-60Hz
Power consumption	Approx. 8W (when in use on AC power.) Approx. 4W (when charging.)
Motor voltage	12V DC
Charging time	12 hours
Weight	170g (unit with the big epilation head) 165g (unit with the small epilation head / unit with the shaver head)
Supplied accessories	Soft case Cleaning brush

### ⚠ 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.

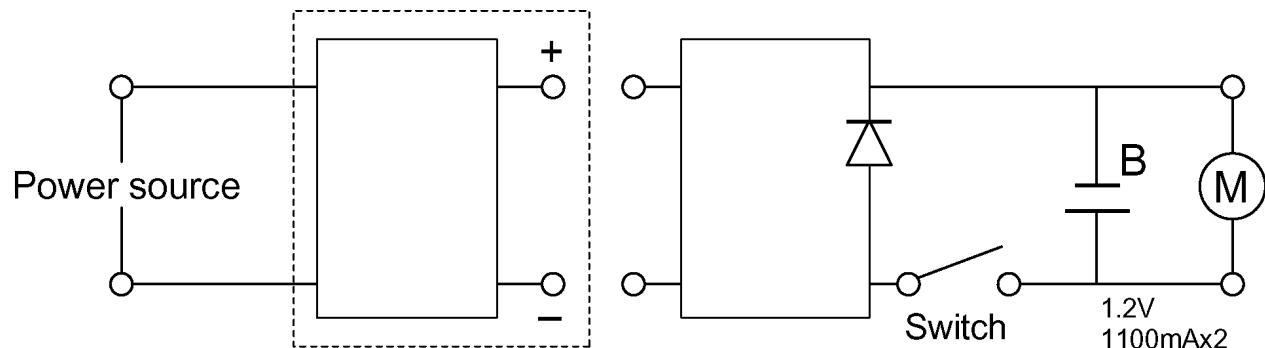
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**Panasonic**

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# 1 SCHEMATIC DIAGRAM



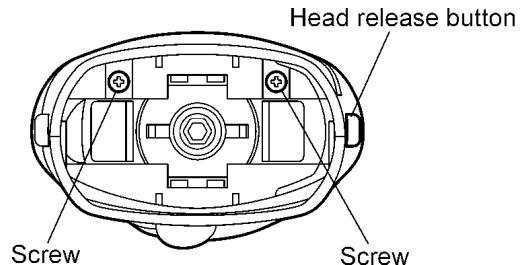
## 2 DISASSEMBLY INSTRUCTIONS

### 2.1. MAIN UNIT

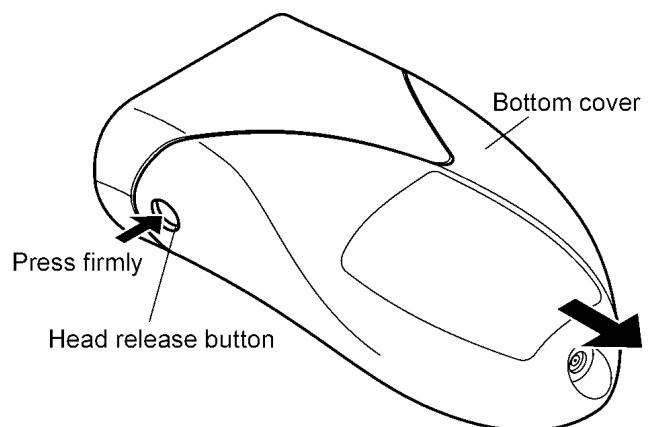
Follow the procedure below to disassemble the main body.

1. Remove the cap and the epilation head.

Loosen two screws on top.

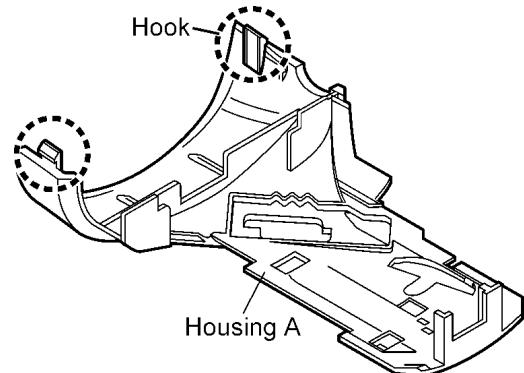
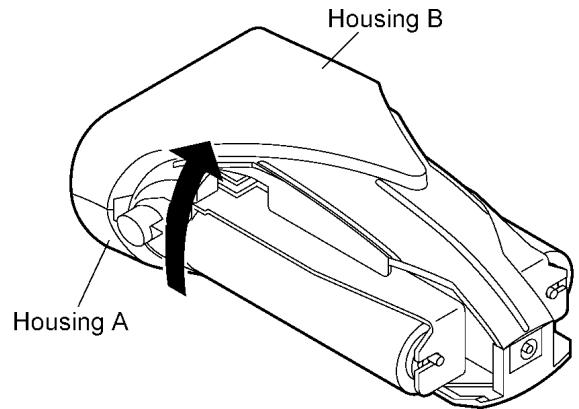


2. Take out the bottom cover with pushing a head release button.



3. Separate the housing A and housing B with care to prevent breakage of hooks.

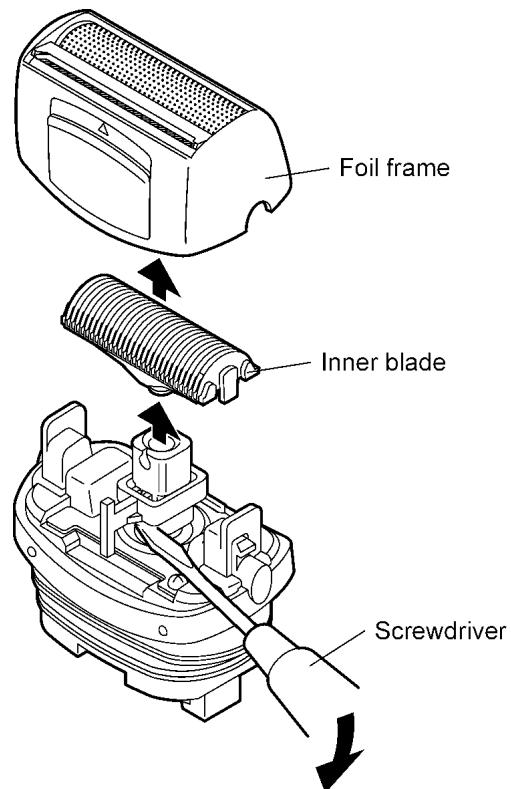
**NOTE:** Make sure that there are two hooks on both side of housing A. If open the unit with all one's strength, it may damage the hooks.



## 2.2. SHAVER HEAD

1. Remove the foil frame, inner blade and trimmer driving bar.

NOTE: Lift the trimmer driving bar up by using something like a slotted head screwdriver as shown in figure with care of breakage.

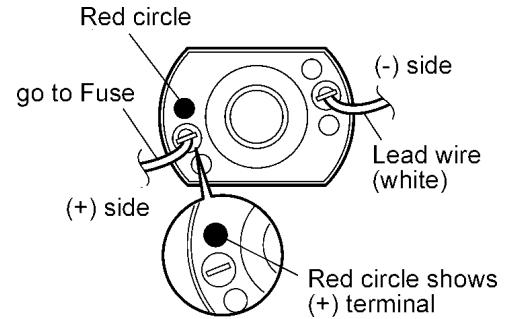


# 3 ASSEMBLY INSTRUCTIONS

## 3.1. MAIN UNIT

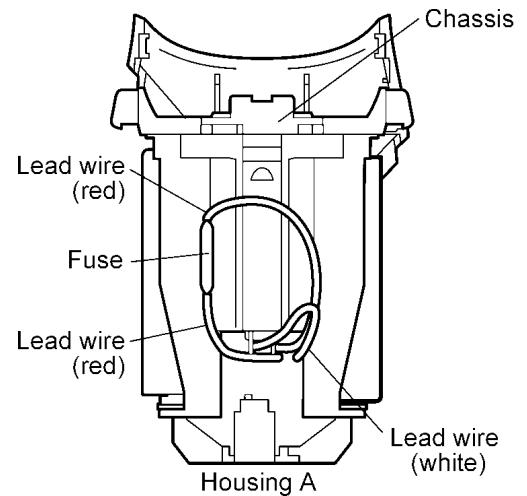
For assembly, reverse the order of disassembly.

1. Confirm the color of each lead wire when soldering with motor.

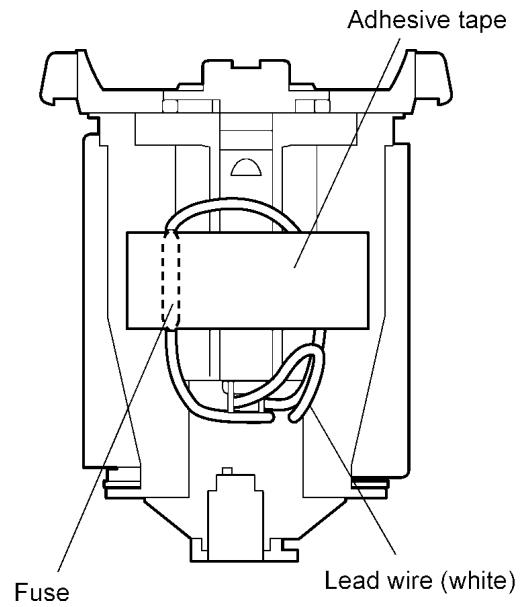


2. Press fit the lead wires into housing neatly.

3. Put fuse into frame located side of chassis and fixed it with an adhesive tape.

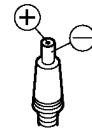
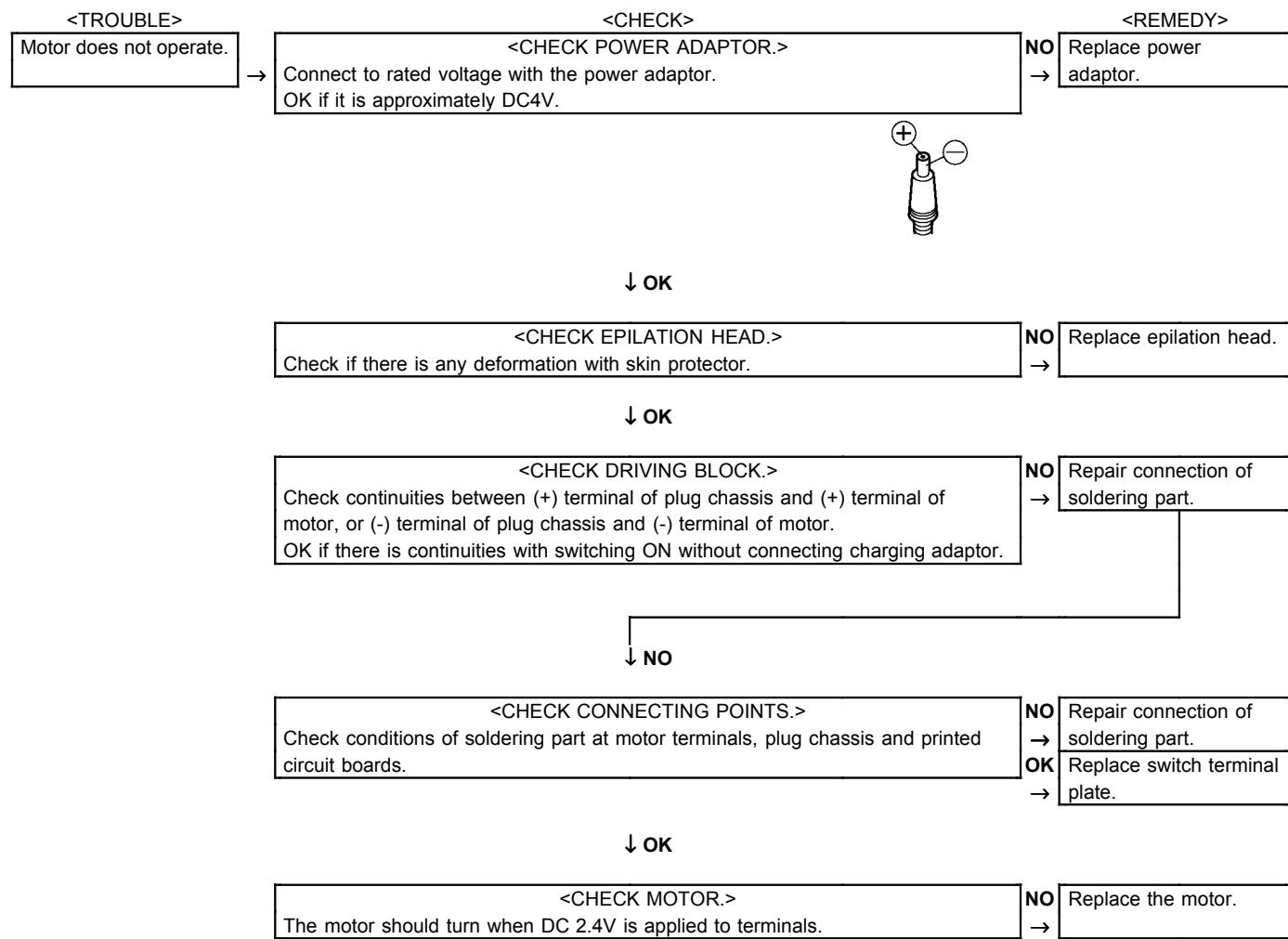


4. Close the housing A and B and tighten two screws after assembling housings with the bottom cover.



## 4 TROUBLESHOOTING GUIDE

(Refer to WIRING CONNECTION DIAGRAM)



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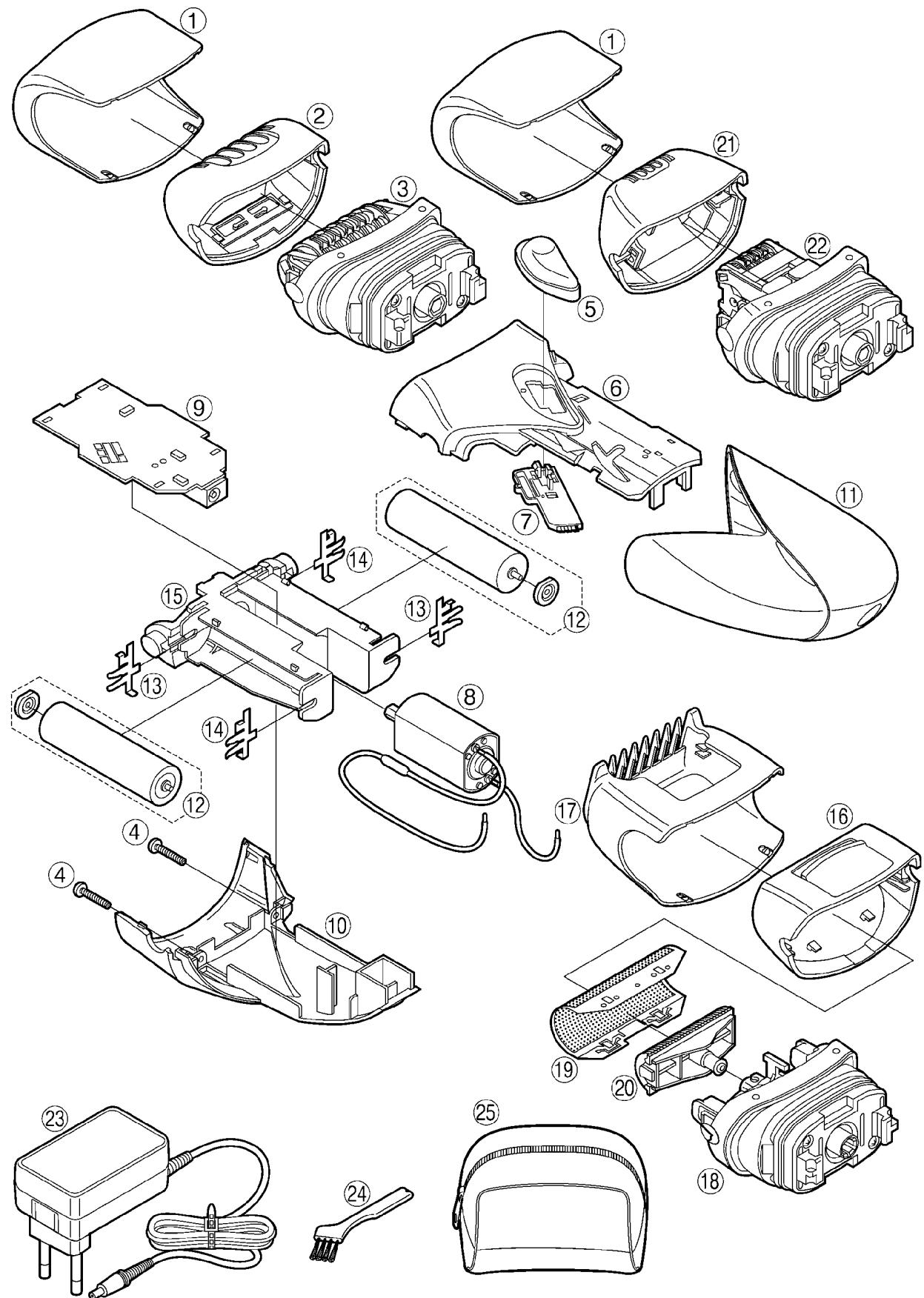
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## 5 EXPLODED VIEW



## 6 REPLACEMENT PARTS LIST

### NOTE:

\*A=available as an optional accessory

\*B=only available as set

\*C=available individually

Ref. No.	Part No.	Part Name & Description	Remarks		Per Unit
1	WES2028G7158	PROTECTIVE CAP	*C		(BG) 2
2	WES2028G3108	BIG EPILATION HEAD FRAME			(BG) 1
3	WES2028G1068	BIG EPILATION HEAD FOR LEGS/ARMS			(BG) 1
4	WES2028L9288	SCREW	*C	K2-12	(BG) 2
5	WES2028G3208	SWITCH HANDLE			(BG) 1
6	WES2028S3058	HOUSING A			(BG) 1
7	WES2028L2447	SWITCH PLATE			(BG) 1
8	WES2028L1008	MOTOR			(BG) 1
9	WES2028L2148	MODULE			(BG) 1
10	WES2028S3068	HOUSING B			(BG) 1
11	WES2028G3118	BOTTOM COVER			(BG) 1
12	WES2028L2508	RECHARGEABLE BATTERY	*B	NI-MH TYPE (2PCS/PK)	(BG) 2
13	WES2028L0287	CURRENT-CARRYING PLATE A			(BG) 1
14	WES2028L0297	CURRENT-CARRYING PLATE B			(BG) 1
15	WES2028H2448	MOTOR HOLDER			(BG) 1
16	WES2028G4038	FOIL FRAME			(BG) 1
17	WES2028G3558	SMALL EPILATION COMB			(BG) 1
18	WES2028G0788	SHAVER HEAD			(BG) 1
19	WES9753Y	OUTER FOIL			1
20	WES9752Y	INNER BLADE			1
21	WES2028G3128	SMALL EPILATION HEAD FRAME			(BG) 1
22	WES2028G1078	SMALL EPILATION HEAD FOR UNDERARMS/BIKINI-LINE			(BG) 1
23	WES2028W7664	POWER ADAPTOR		C-2 PLUG	(BG) 1
24	WES76806761	CLEANING BRUSH			1
25	WES2004W7007	SOFT CASE			(BG) 1
-	WES2028G8008	INDIVIDUAL BOX			(BG) 1
-	WES2028G8108	OPERATING INSTRUCTIONS			(BG) 1