

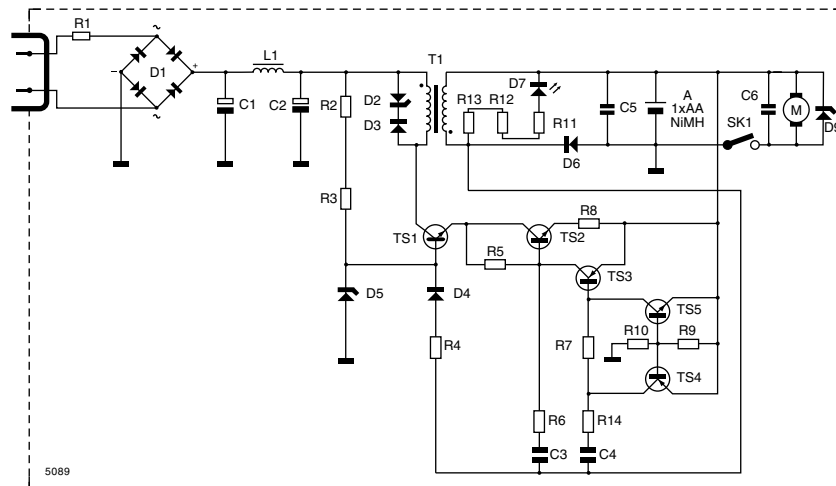
Service
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Eclipse

Domestic Appliances and Personal Care

Service Manual



GENERAL

The HQ4800 shaver can be recharged in 16 hours by means of a 'Fly Back Self Oscillating Power supply'. This electronic circuit enables the battery to be charged at 100-240V, 50/60Hz. It is possible to have a shave directly from the mains. The green LED only illuminates when the shaver is connected to the mains.

The electronic circuit incorporates the following functions and controls:

- a 1200 mA Quick Charge supply ($V_{bat} < 1.2V$)
- a 15 mA Slow Charge supply ($V_{bat} > 1.2V$)
- a 1.25V Dynamic supply when shaving from the mains.
- an open cell protection (C5)
- an inrush and surge protection (R1).

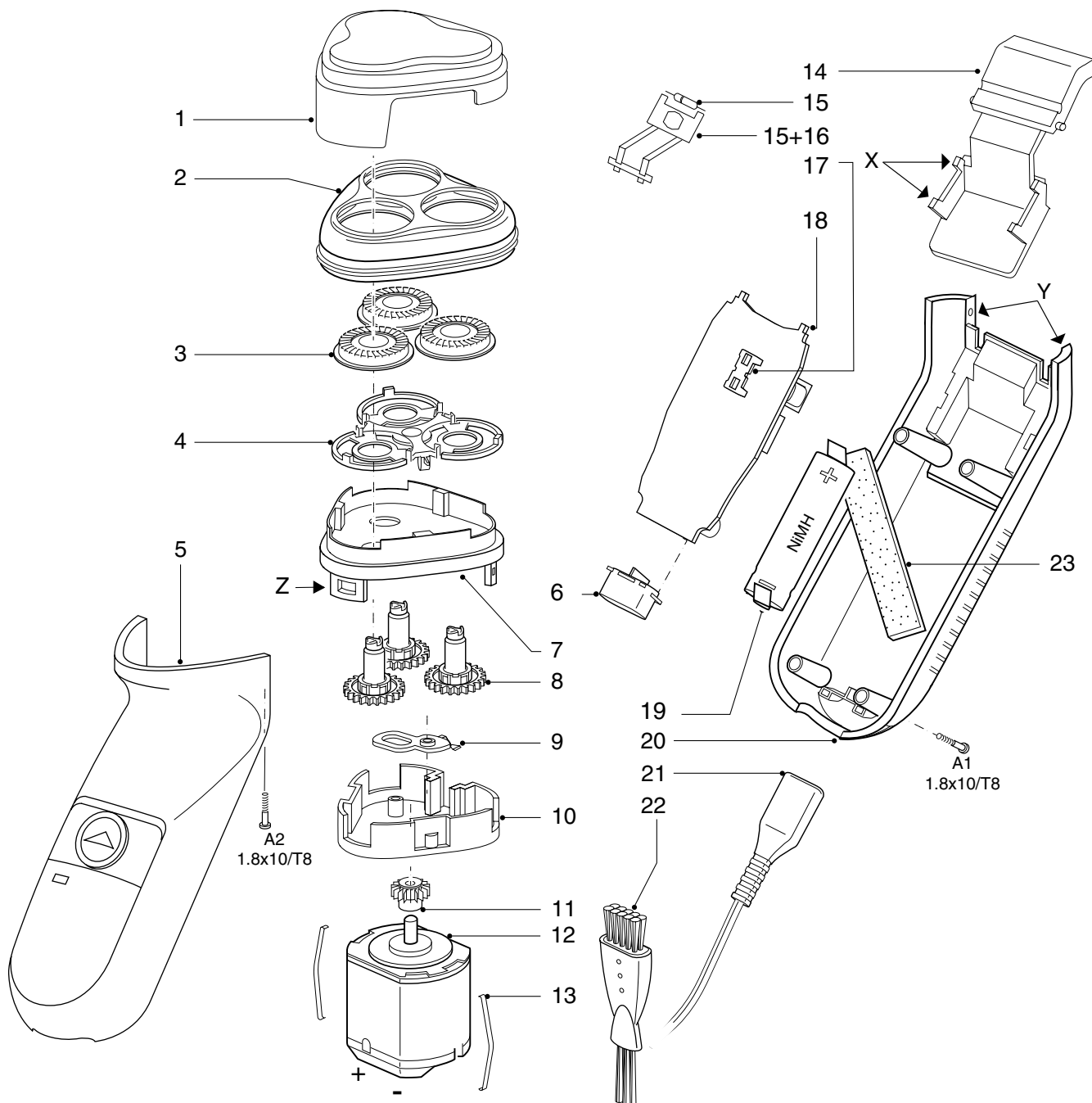
TECHNICAL DATA

Input voltage	: 100-240V ~
Motor voltage	: 1.2V $\equiv$
Battery	: 1x AA NiMH
Cell capacity	: approx. 1100 mAh
Charging system	: S.O.P.S./volt. control
Charging time	: approx. 16 hours initial 24 hours
Charging current	: 1200/15 mA
Charging indicator	: 1x LED green
Comfort control	: fixed setting
Shaving heads	: HQ4 - 4822 690 30468
Screwdriver T8	: 4822 395 50263
SAP Coding	: HQ4800



PHILIPS

HQ 4800/A



- | | | |
|----|----------------|-------------------|
| 1 | 4822 441 11276 | Protecting cap |
| 2 | 4222 036 01980 | Head holder |
| 3 | 4822 690 30468 | HQ4 shaving head |
| 4 | 4822 404 40728 | Retaining bracket |
| 5 | 4222 036 02260 | Housing |
| 6 | 4222 036 02370 | Inlet |
| 7 | 4222 036 02920 | Hairchamber |
| 8 | 4822 522 32852 | Gearwheel |
| 9 | 4822 404 40656 | Lever |
| 10 | 4822 441 11275 | Frame |
| 11 | 4822 522 32851 | Pinion |
| 12 | 4822 361 21752 | Motor |
| 13 | 4822 492 63165 | Motor clamp |
| 14 | 4822 690 10081 | Trimmer |
| 15 | 4822 130 34167 | Zener diode |

- | | | |
|----|----------------|----------------------|
| 16 | 4222 036 02390 | Motor connector |
| 17 | 4822 277 21689 | On/off switch |
| 18 | 4222 036 02270 | Power module |
| 19 | 4822 138 10584 | NiMH cell AA |
| 20 | 4222 036 02280 | Cover |
| 21 | 4822 321 10096 | Flex GB |
| - | 4822 321 10095 | Flex EU |
| - | 4222 036 01590 | Flex RA |
| - | 4822 321 10344 | Flex USA/CDN |
| 22 | 4822 479 30183 | Cleaning brush |
| 23 | 4822 466 12236 | Foam plate |
| A | 4822 502 30526 | S.t. screw 1.8x10/T8 |