

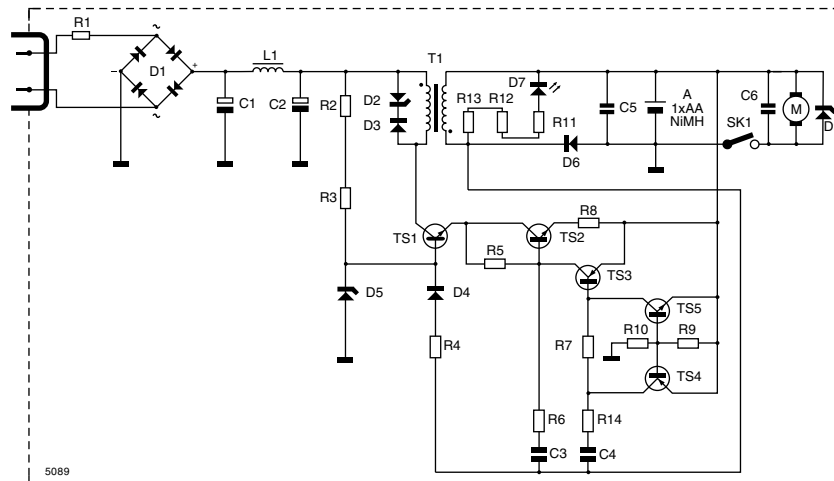
Service
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Domestic Appliances and Personal Care



Service Manual



GENERAL

The HQ5800 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:

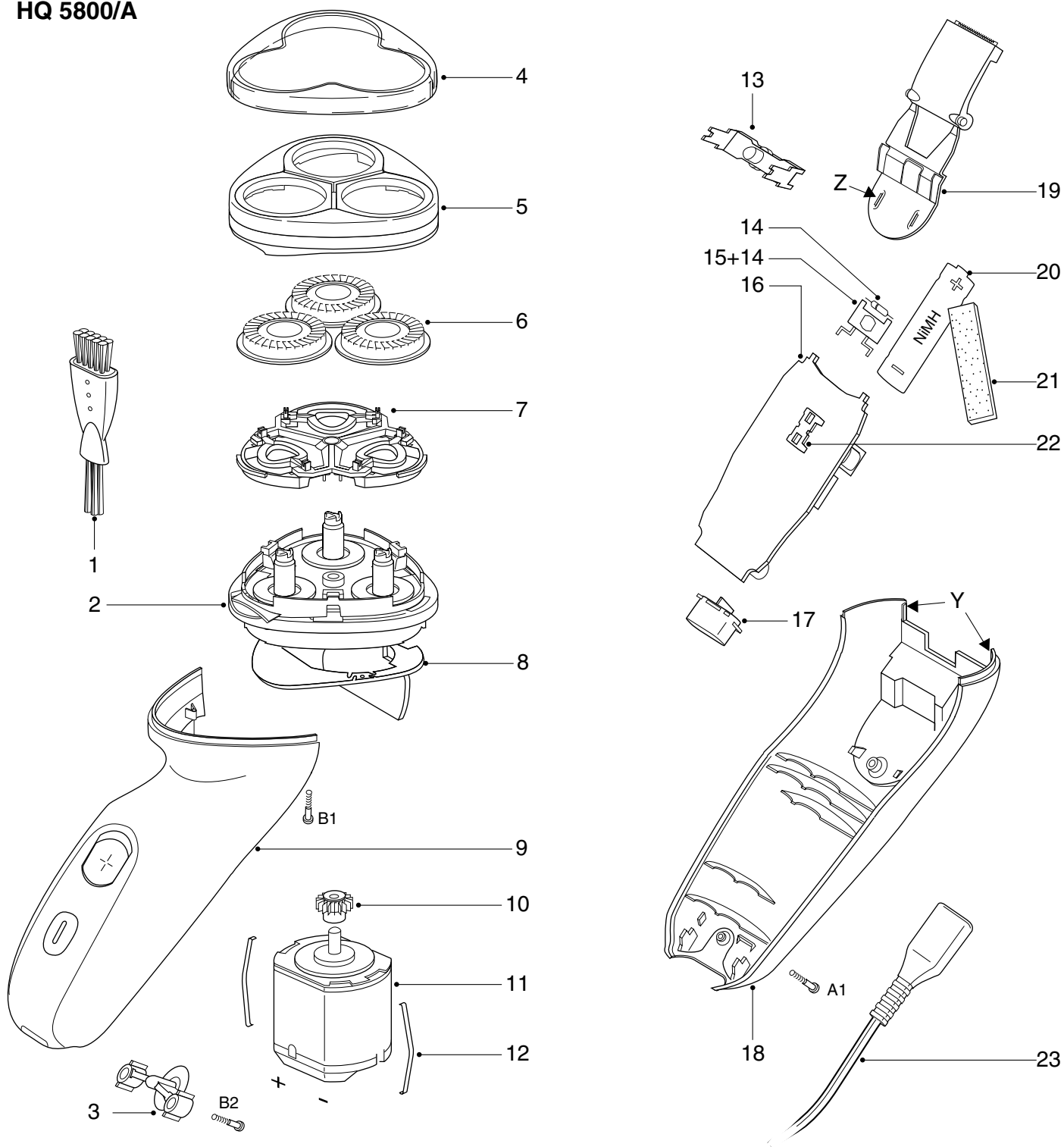
- a 1200 mA Quick Charge supply ($V_{bat} < 1.2V$)
- a 15 mA Slow Charge supply ($V_{bat} > 1.2V$)
- a 1.25V Dynamic supply when shaving from the mains.
- an open cell protection (C5)
- an inrush and surge protection (R1).

TECHNICAL DATA

Input voltage	: 100-240V ~
Motor voltage	: 1.2V =
Battery	: 1x AA NiMH
Cell capacity	: approx. 1100 mAh
Charging system	: S.O.P.S.
Charging time	: approx. 16 hours initial 24 hours
Charging current	: 1200/15 mA
Charging indicator	: 1x LED green
Comfort control	: fixed setting : contour following
Shaving heads	: HQ5 - 4822 690 30481
Screwdriver T8	: 4822 395 50263
SAP Coding	: HQ5800



PHILIPS



- | | | |
|----|----------------|-----------------------|
| 1 | 4822 479 30183 | cleaning brush |
| 2 | 4822 522 10512 | hair chamber complete |
| 3 | 4822 256 92354 | holder |
| 4 | 4822 462 11185 | protecting cap |
| 5 | 4822 441 12358 | head housing |
| 6 | 4822 690 30481 | HQ5 shaving head |
| 7 | 4822 404 40855 | retaining bracket |
| 8 | 4822 466 10937 | sealing plate |
| 9 | 4222 036 00220 | housing |
| 10 | 4822 522 33605 | pinion |
| 11 | 4822 361 10959 | motor |
| 12 | 4822 492 71735 | motor clamp |
| 13 | 4822 402 11328 | holder |
| 14 | 4822 130 34167 | Zener diode |
| 15 | 4822 265 11403 | motor connector |

- | | | |
|----|----------------|---------------------|
| 16 | 4222 036 00210 | power module |
| 17 | 4822 265 11616 | inlet |
| 18 | 4222 036 00230 | cover |
| 19 | 4822 690 10218 | trimmer |
| 20 | 4822 138 10584 | NiMH battery NiMH |
| 21 | 4822 466 12236 | foam plate |
| 22 | 4822 276 14108 | on/off switch |
| 23 | 4822 321 10095 | flex EU |
| | 4822 321 10096 | flex GB |
| | 4822 321 10148 | flex AUS/NZ |
| | 4822 321 10344 | flex USA/CDN |
| A | 4822 502 30785 | orn.screw 1.8x10/T8 |
| B | 4822 502 30526 | s.t.screw 1.8x10/T8 |
| | 4222 036 00040 | pouch |
| | 4222 036 00200 | DFU (1) |

(1) GB D F NL E P I TR