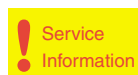


Service Service Service


QUADRA ACTION

Domestic Appliances and Personal Care

Service Manual

HINTS FOR REPAIRS

- Remove the shaving unit, to prevent damages during repairs.
- Remove screws A1 (2x, of which 1 is under trimmer slide).
- Take cover with trimmer from housing.
- Remove bracket (14 + 21).
- The PC-board can now be removed from the housing.
- Remove screws B1 (2x) the motor and hair-chamber can now be removed from the housing.
- Detach the motor clamping spings (item 17) on the bearing block with a small screwdriver.

GENERAL

- Mainsshaver possible.
- Converts input voltage 8-16V dc to constant Charge current (NiHH 1100mA, NiCD 680mA) or Constant motorvoltage at mainsshave. Start-up voltage min. 11V.
- Open battery protection.
- Undervoltage protection.
- Temperature protection of battery (**only NiMH**).
- Charge condition of battery is managed by microcontroller. Charge current is regulated and discharge currents is measured.
- Charge condition of battery shown on LCD display (minutes left) with backlighting. Full indication with flashing (2Hz) of backlighting.
- Electronic on/off.

PRODUCTS MEETS THE REQUIREMENTS REGARDING INTERFERENCE SUPPRESION ON RADIO AND TELEVISION.

- AFTER THE PRODUCT HAS BEEN REPAIRED IT SHOULD FUNCTION PROPERLY AND HAS TO MEET THE SAFETY REQUIREMENTS AS LAID DOWN OFFICIALLY ESTABLISHED AT THIS MOMENT.

TECHNICAL DATA

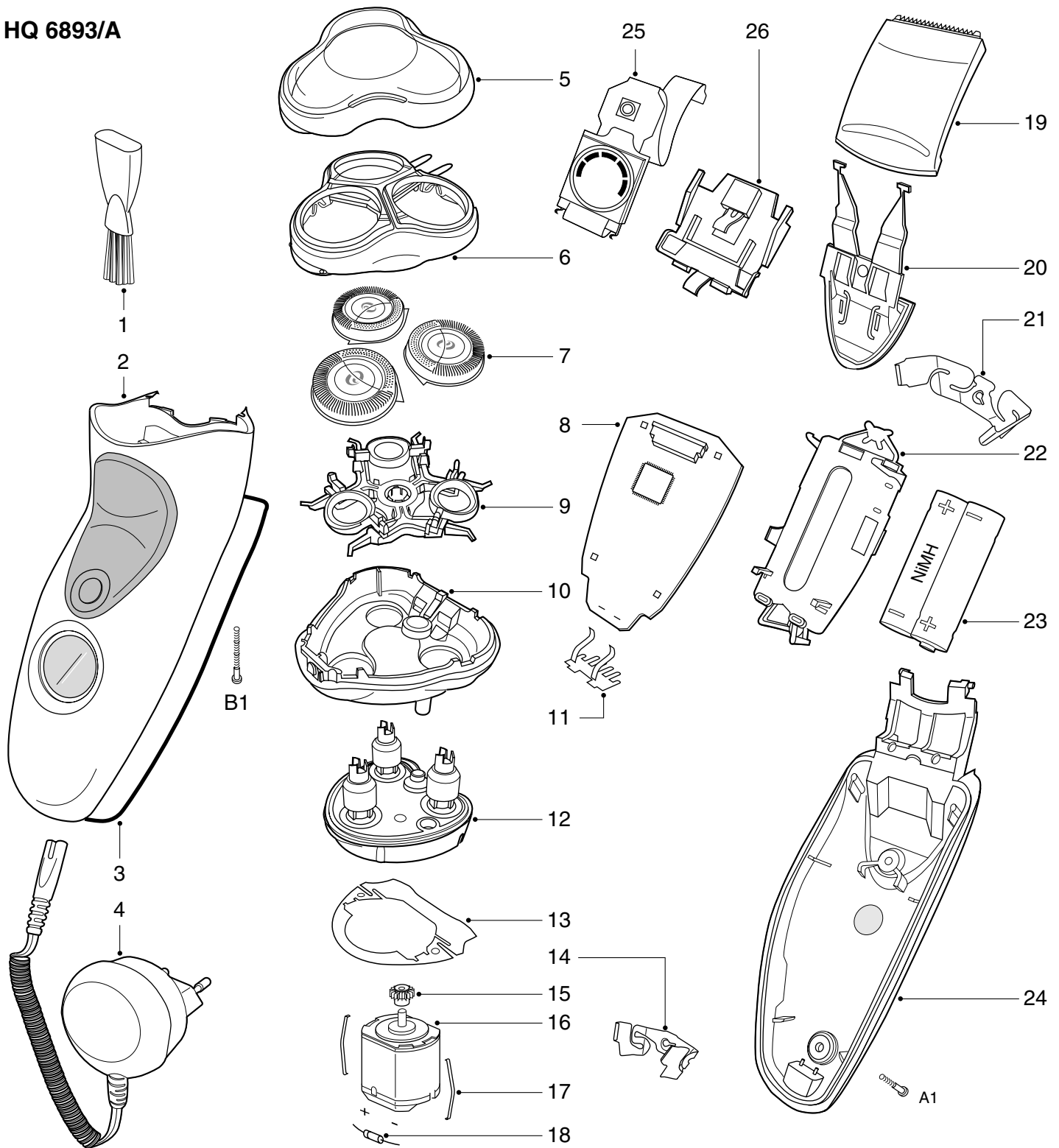
Voltage	: 100-240 V 50/60Hz
Power consumption	: Motor depending
Motor voltage	: 2.4 V...
Power supply	: SMPS
Speed of cutters	: > 2100 r.p.m.
Shaving heads	: HQ6 - 4822 690 10214
Battery	: Green NiMH pack AA

SAP CODING: 8856 893 99999

CAUTION!
WHILE CHECKING THE P.C.-BOARD REMEMBER THAT MOST COMPONENTS AND MOTOR ARE ENERGIZED BY MAINS VOLTAGE.



PHILIPS



- 1 4822 479 20261 cleaning brush
2 4222 036 01220 housing PH
3 4822 466 12232 rubber seal
4 4822 219 10711 power plug EU
4822 219 10715 power plug GB

- 5 4822 462 11177 protecting cap
6 4822 441 12327 head housing
7 4822 690 10214 HQ6 shaving head
8 4822 214 13061 power module
9 4822 402 11319 retaining bracket

- 10 4222 036 01020 hairchamber PH
11 4822 265 11548 connecting pins
12 4822 522 10762 gearwheel unit
13 4822 466 12233 sealing plate
14 4822 402 11318 bracket small

- 15 4822 522 10763 pinion
16 4822 361 21783 motor
17 4822 492 71735 motor clamp
18 4822 130 34167 Zener diode
19 4222 036 01200 trimmer

- 20 4222 036 01210 trimmer slide
21 4822 402 11317 bracket large
22 4822 532 13149 spacer AA
23 4822 138 10728 NiMH pack AA
24 4222 036 01190 cover

- 25 4822 135 00282 LCD complete
26 4822 256 10572 holder
A 4822 502 14657 s.t.screw spec/T8
B 4822 502 14544 s.t.screw 1.8x18/T8
4822 600 10861 pouch PH

- 4822 462 11183 stand
4822 736 16936 DFU (1)
4822 736 16937 DFU (2)

- (1) GB D F N L E P I T R
(2) GB D N S F I N D K G R

- * 4222 036 01960 Car cord

