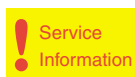
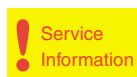


Service Service Service

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.
- Charging time is determined by Temperature (absolute or delta).
- Green mains LED (input voltage present).
- Electronic on/off.

TECHNICAL DATA

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

SAP CODING: 8856 830 99999

CAUTION!

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

PRODUCTS MEETS THE REQUIREMENTS REGARDING INTERFERENCE SUPPRESSION 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.

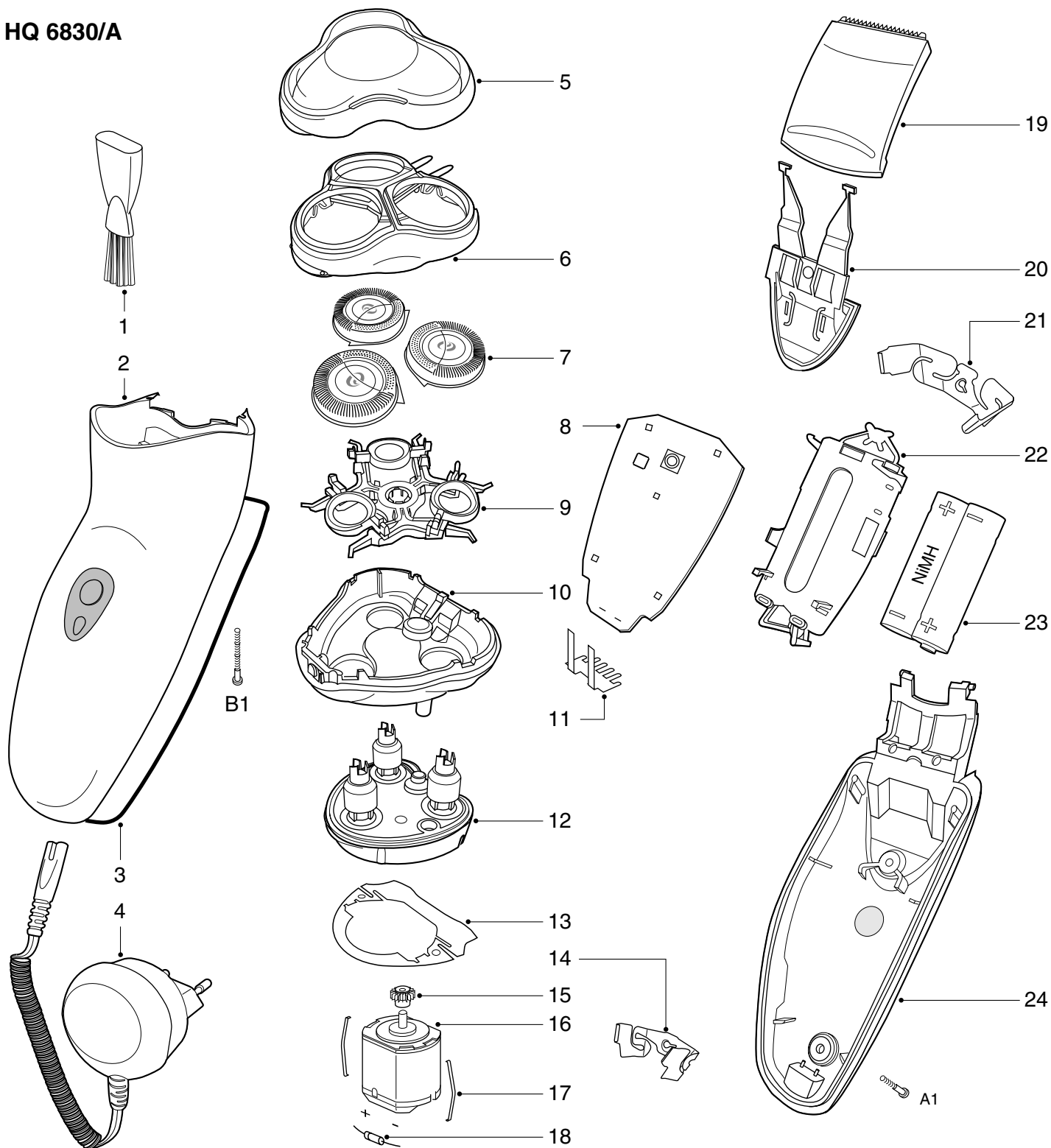
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4322 277 00134

99/12

PCS 104 731


PHILIPS



- 1 4822 479 20261 cleaning brush
 2 4822 441 12344 housing PH
 3 4822 466 12232 rubber seal
 4 4822 219 10711 power plug EU
 4822 219 10713 power plug E-EU
 4822 219 10715 power plug GB
 4822 219 10717 power plug J
 5 4822 462 11177 protecting cap
 6 4822 441 12327 head housing
 7 4822 690 10214 HQ6 shaving head

- 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 4822 690 10213 trimmer
 20 4822 463 11257 trimmer slide
 21 4822 402 11317 bracket large
 22 4822 532 13149 spacer AA

- 8 4822 214 13054 power module
 9 4822 402 11319 retaining bracket
 10 4822 442 01819 hairchamber PH
 11 4822 265 11548 connecting pins
 12 4822 522 10762 gearwheel unit

- 23 4822 138 10728 NiMH pack AA
 24 4822 442 01818 cover
 A 4822 502 14657 s.t.screw spec/T8
 B 4822 502 14544 s.t.screw 1.8x18/T8
 4822 600 10856 pouch PH

- 4822 736 16909 DFU (1)
 4822 736 16911 DFU (2)
 4822 736 16912 DFU (3)
 4822 736 16913 DFU (4)
 4822 736 16914 DFU (5)

- (1) GB D F N L E P I T R
 (2) GB D N S F I N D K G R
 (3) GB R U S U A H R S L O C Z S K H R O
 (4) GB R U S P L E S T L V L T
 (5) J

- * 4222 036 01960 Car cord

