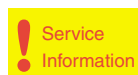


Service Service Service


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.
- Charge condition of battery is managed by TCC3 (custom IC) by charge and discharge current (reel Coulomb counter).
- Charge condition of battery shown is with 5 green LED's and red BLI LED (Battery Low Indication).
- Electronic on/off.

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 NiCd pack AA

SAP CODING: 8856 865 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 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.

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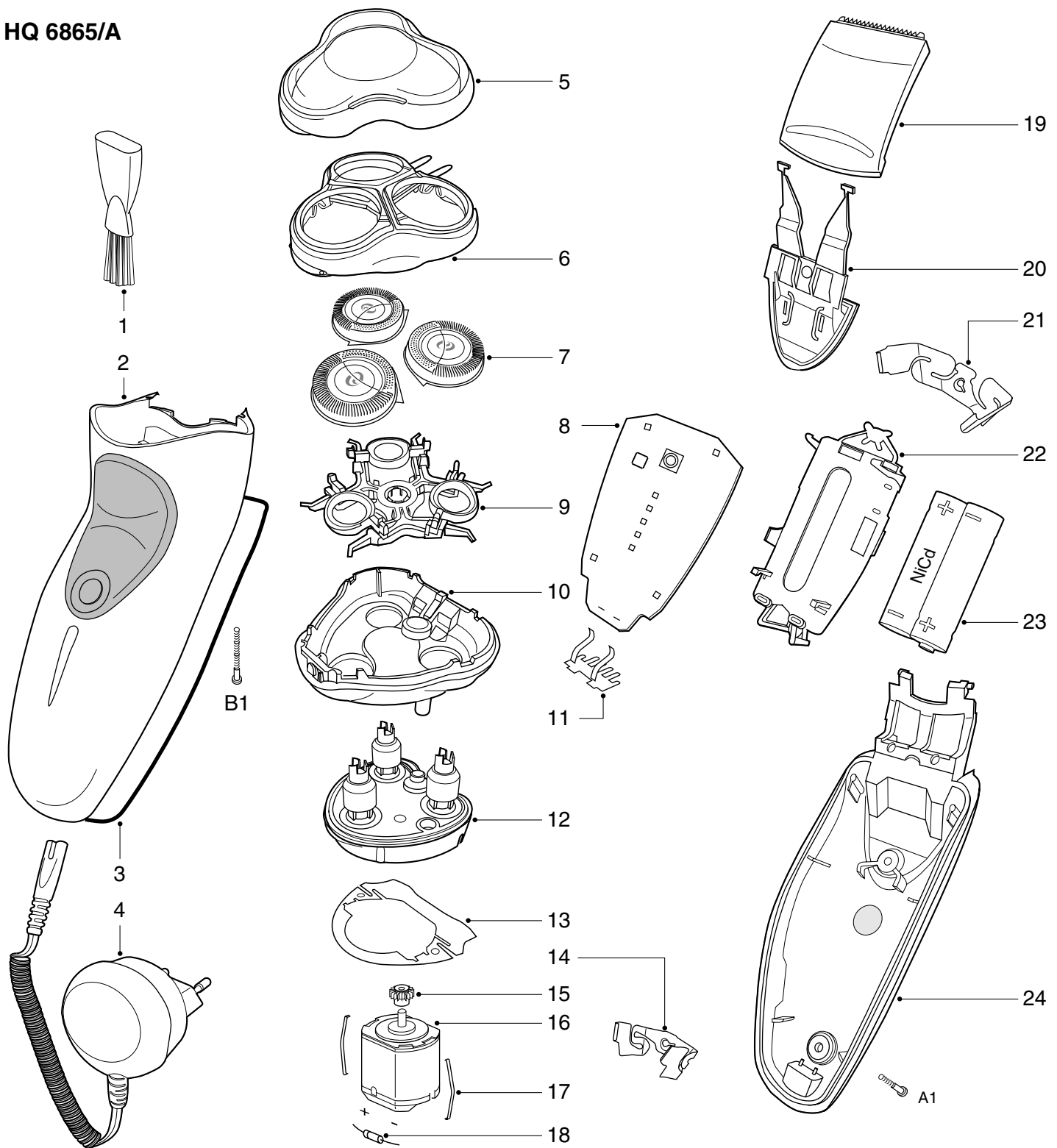
4322 277 00139

99/12

PCS 104 736



PHILIPS



- 1 4822 479 20261 cleaning brush
 2 4822 441 12349 housing PH
 3 4822 466 12232 rubber seal
 4 4822 219 10711 power plug EU
 4822 219 10712 power plug ARG

 4822 219 10714 power plug KOR
 4822 219 10716 power plug CDN/TWN
 4822 219 10718 power plug AUS/NZ
 4822 219 10719 power plug MEX
 4822 219 10721 power plug PRC

- 5 4822 462 11177 protecting cap
 6 4822 441 12327 head housing
 7 4822 690 10214 HQ6 shaving head
 8 4822 214 13057 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
 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
 23 4822 138 10727 NiCd pack AA
 24 4822 442 01831 cover

- 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 736 16924 DFU (1)
 4822 736 16925 DFU (2)

- (1) GB Arab Farsi E P/BR F
 (2) GB CN RC ROK T MAL RI VN

- * 4222 036 01960 Car cord

