



HR1613/83
HR1614/90
HR1615/90
HR1617/83
HR1617/90
HR1618/90
HR1618/98

HR1614

HR1615

HR1617

HR1618

Philips Consumer Life Style

Version: A

Service Manual

PRODUCT INFORMATION

- This product meets the requirements regarding interference suppression on radio and TV.
- After the product has been repaired, it should function properly and has to meet the safety requirements as officially laid down at this moment.

DISASSEMBLY AND RE-ASSEMBLY ADVISE

- No specific issues

REPAIR INSTRUCTIONS

- No specific issues

OPTIONAL (accessories)

- No specific issues
- **Dimensions:** Powerunit (incl. bar):

Length	: 80 mm
Width	: 65 mm
Height	: 390 mm

weight: (powerunit+bar+cordset): 825 g

Potato masher:
diameter 100 mm height 233 mm
Weight: 215 g

TECHNICAL INFORMATION

High voltage:

Voltage: 220 – 240 V
Frequency: 50 – 60 Hz
Power: 650 W
Temperature protection: TCO

Vario Speed:

Motor Speeds:
Turbo: 16000 rpm ± 1600 pm
Speed – min: 8000 rpm ± 800 rpm
Speed – max: 14400 rpm ± 1400 rpm

Cord:

Plug:
Type: H03VVH2-F2 x 0,75 - black
Cable end: free end twisted and soldered
Free Length: 1,2 m

Materials and additional technical informations:

Housing: PP & SEBS
Chopper Interface: POM + GF
Chopper Beaker: SAN
Protection cap: TPE
Beaker: SAN
Oval beaker: SAN
Lids: LDPE
Whisk unit: PP/stainless steel

Metal bar:

length = 207 mm
diameter barcage = 63 mm
weight = approx. 170 g

XL Chopper (750ml), Compact Chopper(400ml):

Pull out force of coupling spring: min. 150N
Gear ratio = 1:4
Speed (with "Turbo" button): 4000rpm \pm 400rpm
Sound power level: <85dB(A)

Whisk Accessory

Gear ratio = 1:13,5
Speed (with "Turbo" button): 1200rpm \pm 120rpm
Sound power level: <85dB(A)
Force to attach the shaft in the gear box: 23,5N \pm 4,5N
Force to detach the shaft out of the gear box: 23,5N \pm 4,5N
Power consumption (No load): max. 30W

Motor

DC HV/LV motor from Johnson
Type: DC751(2)XLLG

Volumes:

Beaker: 1000 ml
Oval beaker: 1700 ml

Potatoe masher:

Materials:

Coupling: PP
Bar: PP
Paddle: PP + glass fibre 30 %

PARTS LIST + EXPLODED VIEW

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• The lid (5, 6) is removed from week 2014/11 onwards

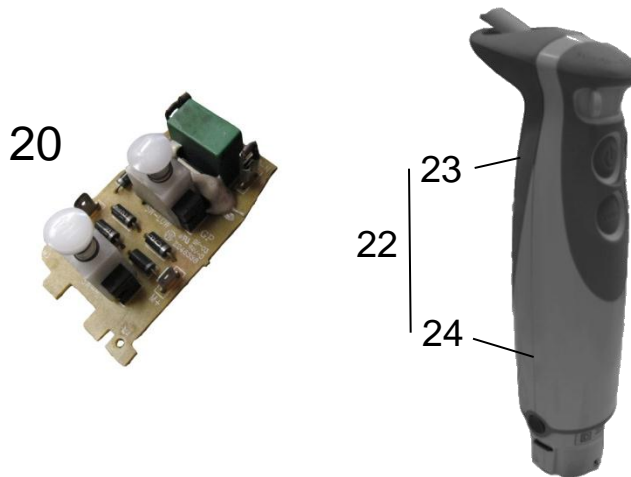
Pos	Service code	Description	HR1613	HR1614	HR1615	HR1617	HR1618
1	4203 035 96071	Blender bar metal	X	X	X	X	X
2	4203 035 95151	Protecting cap for metal bar	X	X	X	X	X
3	4203 035 96081	Whisk coupling unit	X			X	X
4	4203 035 95171	Whisk	X			X	X
5	4203 035 96101	Round beaker + lid		X	X		X
6	4203 035 96111	Oval beaker + lid	X			X	
7	4203 035 98811	Mini Chopper lid	X		X		
8	4203 035 98821	Mini Chopper blade unit	X		X		
9	4203 035 98831	Mini Chopper bowl	X		X		
10	4203 035 96121	XL Chopper lid				X	X
11	4203 035 96131	XL Chopper blade unit				X	X
12	4203 035 96141	XL Chopper bowl				X	X
13	4203 035 98701	Potato masher complete					X
14	4203 035 98711	Potato masher Coupling Unit					X
15	4203 035 98721	Potato masher Bar					X
16	4203 035 98731	Potato masher paddle					X

Partslists for repair

HRI613/83
HRI614/90
HRI615/90
HRI617/83
HRI617/90
HRI618/90
HRI618/98

- | | | |
|----|----------------|--|
| 20 | 4203 036 00151 | PCB Assy + switch activation knobs + spring HV * |
| 21 | 4203 036 00201 | Screw caps (2x) - not shown |
| | 4203 036 00521 | Screw caps (2x) KR – not shown |
| 22 | 4203 036 00211 | Power Unit Assy incl. Cordset EU (HV) HR1618/9x |
| | 4203 036 00761 | Power unit assy incl. Cordset (HV) |
| | 4203 036 00221 | Power Unit Assy incl. Cordset KR |
| | 4203 036 00601 | Power Unit Assy incl. Cordset AU |
| | 4203 036 02421 | Power Unit Assy incl. Cordset CN |
| 23 | 4203 036 00231 | Housing |
| | 4203 036 00531 | Housing KR |
| 24 | 4203 036 00241 | Bottom + Terminals + Cordset EU (HV) |
| | 4203 036 00611 | Bottom + Terminals + Cordset AU |
| | 4203 036 02431 | Bottom + Terminals + Cordset CN |
| | 4203 036 00251 | Bottom + Terminals + Cordset KR |

* Can be sale to all countries, except China, Caribbean, Brazil & Taiwan



Repair instruction

