



HR1613/83
HR1614/90
HR1615/90
HR1617/83
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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

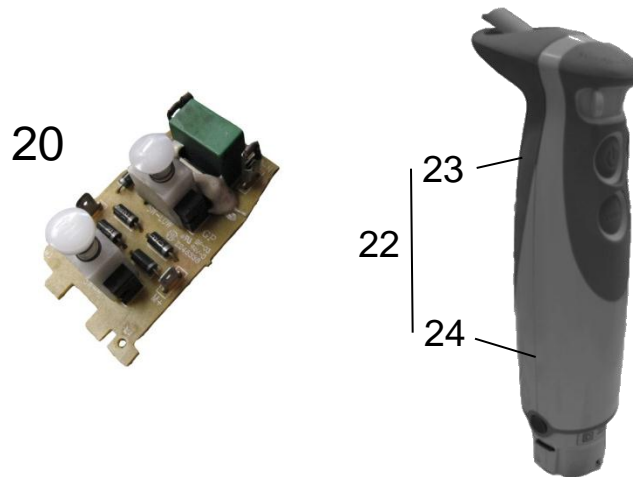
Pos	Service code	Description	HR1613	HR1614	HR1615	HR1617	HR1618
1	4203 035 96071	Blender bar metal	X	X	X	X	X
2	4203 035 95151	Protecting cap for metal bar	X	X	X	X	X
3	4203 035 96081	Whisk coupling unit	X			X	X
4	4203 035 95171	Whisk	X			X	X
5	4203 035 96101	Round beaker + lid		X	X		X
6	4203 035 96111	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

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Partslists for repair

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)
	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

