

Service
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Philips Consumer Lifestyle

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.

Device description:

- Accessory set for existing Handblender HR1370. The food processor attachments are driven by the Handblender HR1370.

Following parts are pre-described:

- Power unit HR1370
- Bar
- Whisking tool (from HR1372)
- Beaker

TECHNICAL INFORMATION

Lid assy with gear Box:

- Input driving speed of blender : 16000 - 19000 rpm (at no load)
- Rated torque of blender : 20 Ncm at 8800 rpm (loaded)
- Stall torque (at blocking) : 51 Ncm (see chapter 1.2, Motor Documentation)
- Ratio of gear box (IN/OUT) : 7,84 : 1 (Speed of tool into bowl at 20 Ncm : 1120 rpm)

Product size:

- Diameter of bowl : 181 mm
- Height of bowl : 123 mm
- Volume : 1,5 litre
- Diameter of Lid : 185 mm
- Height of Lid : 118 mm (with feeding tube)

DISASSEMBLY- AND RE-ASSEMBLY ADVISE

- No specific issues

REPAIR INSTRUCTIONS

- No specific issues

OPTIONAL (accessories)

- No specific issues

The functions of the various main components/units are given by the following table:

Main component / Unit	Short description of its function
Hand-blender “Cayenne” with Bar and Whisker	On market existing hand-blender of Philips (HR1370)
Lid assy	Lid to close the bowl, take up the hand blender and drive the tools Inside the lid is a reduction gear box The lid has a feeding tube to put in the food stuff
Bowl	Content about 1,5 litres, is supporting and centring the tools Handgrip with safety knob to lock the lid
Tool holder	Part of existing product, used to carry discs and chopping knife
Chopping knife	Tool for cutting and mixing e.g. parmesan, nuts, ...
Shredding and slicing disc	For shredding of food-stuff e.g. cheese, carrots, ... and for slicing of e.g. cucumber, onions, ...

Physical Specifications

First draft overview bill of material:

Main assy / part	Subassy / part	Single parts	Materials
Power unit HR1370 with bar and whisking tool			
Whisker HR1372			
Lid assy	Lid housing		ABS
	Lid bottom		ABS
	Lid sealing		NBR-rubber Shore 40-60
	4x screw		Stainless steel
	4x screw plug		PP
	Gear assy	3x gear	POM
		1x gear	Metal
		2x metal bearing small	Sinter metal
		2x Steel bearing ring	Stainless steel
		6x Washer	Steel
	Handle inlay		PP
	Locking knob		PP
	Spring		Stainless steel
	Metal pin		Stainless steel
Tool Holder			POM
Shredding and slicing disc			Stainless steel
Chopping knife			Stainless steel
Protecting cover for knife			PP
Pusher			PP
Beaker			SAN

PARTS LIST + EXPLODED VIEW

HRI377/90



Pos	Service code	Description
1	4203 035 84460	Blender Bar HR1370
2	4203 065 66350	Beaker incl. Lid HR1370
3	4203 035 85600	Whisk Accessory HR1372
4	4203 035 90440	Bowl Lid assy
5	4203 035 90450	Pusher
6	4203 035 90460	Toolholder assy
7	4203 035 90470	Knife assy + Protection
8	4203 035 90480	Shredding & Slicing disc assy
9	4203 035 90830	Bowl assy
10	4203 035 90490	Anti slip ring