



Philips Domestic Appliances and Personal Care

Service Manual

PRODUCT INFORMATION:

The Foodprocessor is equipped with mechanical and thermal safety switches.

TECHNICAL DATA:

Motor	: universal, radio / TV interference suppressed
Power consumption	: 800 Watt max.
Voltage & frequency	: 230 V, 50 Hz
Cordset	: 100 cm, double insulated with moulded on plug
Speed setting	: Smart Process Control
Bowl capacity	: 2.5 L dry ingredients, 1.7 L liquids
Blender capacity	: total jar capacity 2.0 L, 1.5 L effective
Speeds unloaded	: blender drive shaft 19500 rpm (max) accessories drive shaft from 660 rpm to 2150 rpm, depends on application
Weight in fancy box	: 6.200 g
Dimensions fancy box (l x w x h)	: 406 mm x 281 mm x 521 mm

SAFETY:

Automatically resettable : protects motor against overheating
thermal cut out

Built – in safety lock : detects wheter lid & bowl are
assembled

Motor brake system : stops the appliance within
1.5 seconds

COLOURS:

White with Vapor Dusk accents, clear transparant bowl & jar

MATERIALS USED:

- Bowl, bowl lid, blender jar & safety cover, : SAN
JE lid
- Housing, screw cap, blender lid, pusher, : PP
inlay bowl handle
- juice extractor (sieve, pusher), : PP
citrus press (sieve & cone)
- Panel foil : Santoprene
- Kneading accessory : PP / 30% chalk
- Balloon beater : POM
- Insert holder, handgrip blender jar : ABS
- Adjustable slicing disc : POM, ABS,
stainless steel

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.

SERVICE INFORMATION :

- The blender coupling on the motor shaft has been provided with a customary left-handed thread.
The drive coupling (item 10) can be detached by means of a hammer and a screwdriver. Strike the screwdriver with a short sharp blow and remove the drive coupling, or block the acc. drive wheel (item 17) and thereby the rotor shaft, by sticking a pin through the hole (5 mm dia. – marked with an arrow) in the bottom plate.
- The assembly of the accessories depends on the national version.
- For specific versions, the component configuration may differ from the one shown on the exploded view. However, the actual components can be distinguished by their code numbers.
- Make sure that all functions, including the safety devices, are working correctly after you have completed the repair.
- To check the processes of smart control, please look at the described functions on the next page.

Automatic resettable cut-out (part of item 11)

To prevent damage due to overheating, the appliance has been equipped with an automatic cut-out system. This system will automatically cut off the power supply when the appliance overheats.

If the appliance suddenly stops running:

- Unplug the appliance
- Switch off the appliance
- Let the appliance cool down for 15 minutes
- Plug the appliance in again
- Switch the appliance on again

Safety lock (item 7)

Place the lid on the bowl in the right position. The appliance will only function if the line on the appliance is directly opposite the mark on the lid of the food processor bowl and the same holds for the other accessoires. The built-in safety lock will now be deblocked and you can turn the appliance on. Note that if both the blender jar and the bowl have been correctly mounted, only the blender will function.

Important:

If the appliance is used without the blender jar, the appliance will not function, when the blender coupling (item 10) has not been protected by the blender cover (item 1).

Note:

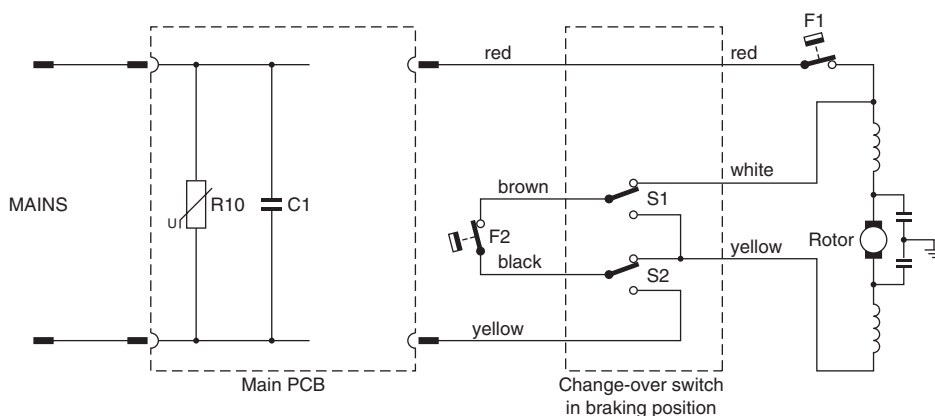
The blender cover can only be removed, when the bowl including the bowl lid is not mounted on the foodprocessor.

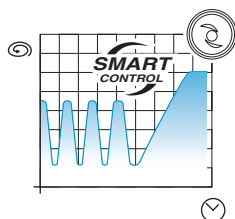
How to set the belt tension:

Step 1: Give 30 N pretension force on the adjusting plate to minimise the distances between the belt and the belt wheels

Step 2: Reduce the tension force from 30 N down to 10 N which is the required belt drive force for the appliance.

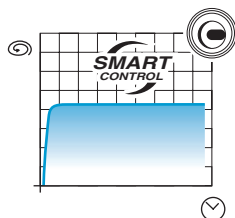
Step 3: Fix the adjusting screw on the adjusting plate when the tension force reaches the value of 10 N (after coming down from 30 N!)





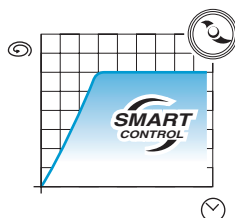
Chopping process

The chopping process starts with four pulses. After that, the food processor will pick up speed until it runs at maximum power. He will continue to run at this speed until the STOP button is pressed. The speed can be decreased in three steps by pressing the - button.



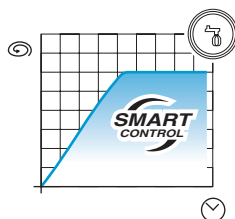
Shredding and slicing process

When the shredding and slicing button is pressed, the food processor will start to run at a constant speed to produce the best end results with the adjustable slicing disc or the inserts. The food processor will continue to run at this constant speed until the STOP button is pressed. The speed can be increased or decreased in three steps by pressing the + button or - button.



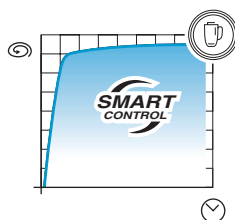
Kneading process

The kneading process starts with a Soft Start and then increases to a powerful kneading speed to achieve a good end result in a short time. The food processor will continue to run at this speed until the STOP button is pressed. The speed can be decreased in three steps by pressing the - button.



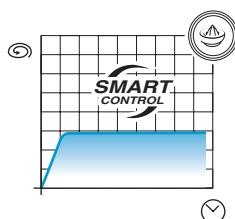
Whisking process

When the whisking process is selected the appliance starts with a 10 second Soft Start. The speed will gradually increase until the maximum working speed for perfectly whisked egg whites or whipped cream has been reached. The speed is maintained until the STOP button is pressed. The speed can be decreased in three steps by pressing the - button.



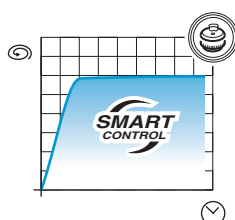
Blending process

To prevent splashing, the blending process features a Soft Start. After a few seconds the speed gradually increases to maximum speed to produce a perfectly smooth result. The blender will continue to run at this speed until the STOP button is pressed. During the blending process the speed can be decreased in three steps by pressing the -button.



Citrus pressing process

The citrus pressing process features a Soft Start, which means the cone starts rotating at a low speed guaranteeing a pleasant sensation and a perfect result. The food processor will continue to run at this speed until the STOP button is pressed. The speed can be decreased in three steps by pressing the -button.



Juice extracting process

The juice extracting process has a Soft Start, which means that the juice extractor will start to run at a low speed and gradually increase to maximum speed to guarantee the highest possible, juice output. The food processor will continue to run at this speed until the STOP button is pressed. The speed can be decreased in three steps by pressing the -button.

PARTS LIST HR 7754/01

Pos.	Description	Service Code	Pos.	Description	Service Code
1	Blender cover	4203 065 63470	30	Press cone	4203 065 63880
2	Screw cap	4203 065 63620	31	Sieve	4203 065 63870
3	Top housing printed	4203 065 63950	32	Pusher closed bowl	4203 065 63800
4	Panelfoil assy	4203 065 63910	33	Bowl lid	4203 065 63760
5	PCB controll assy	4203 065 63890	34	Lid bearing	4203 065 63770
6	Housing parts	4203 065 63490	35	Closed bowl	4203 065 63780
7	Safety switch lever	4203 065 63580	39	Insert granulating	4203 065 61570
8	PCB brake	4203 065 63960	40	Insert shredding fine	4203 065 61550
10	Blender coupling	4203 065 63570	42	Insert shredding medium	4203 065 61560
11	Motor Assy – 230V	4203 065 63930	43	Insert shredding coarse	4203 065 62310
12	Motor coupling assy	4203 065 63590	44	Insert holder	4203 065 61520
13	Mounting plate	4203 065 63600	45	Adjustable slicing disc	4203 065 63670
14	Adjusting piece	4203 065 63540	46	Plastic kneader	4203 065 63970
15	Motor screw	4203 065 60310	47	Metal knife	4203 065 63690
16	Tooth belt	4203 065 60440	48	Emulsifying disc	4203 065 63660
17	Belt wheel	4203 065 63560	49	Toolholder	4203 065 63680
18	Single speed gear	4203 065 63610	50	Ballon beater assy	4203 065 61350
19	Cordset EURO	4203 065 63980	55	Blender safety lid	4203 065 63650
	Cordset UK	4203 065 64000	56	Blender lid	4203 065 63640
	Cordset SWISS	4203 065 64020	57	Blender jar	4203 065 63630
			60	Juice extractor pusher	4203 065 63820
			61	Juice extractor lid	4203 065 63830
			62	Juice extractor lid bearing	4203 065 63840
			63	Juice extractor sieve	4203 065 63850
			64	Juice extractor shredding piece	4203 065 63860

