

SHARP®

VACUUM CLEANER OPERATION MANUAL

MODEL

EC-S2142
EC-S2141

Thank you very much for buying SHARP.
Before using your SHARP vacuum cleaner, please read this operation manual carefully to obtain the best use from your vacuum cleaner.

WARNING / To reduce the risk of fire, electric shock or injury:

- 1 Electric shock could occur if used outdoors or on wet surfaces.
- 2 Do not leave the unit from unattended when the unit is plugged in. Unplug the unit from the outlet when not in use and when user servicing.
- 3 Close attention is necessary when used by or near children. Do not allow to be used as a toy.
- 4 Use only for intended use as described in this manual. Use only the manufacture's recommended attachments.
- 5 Never operate this vacuum cleaner if it has a damaged cord or plug, if it is not working properly, if it has been dropped, damaged, exposed to weather or dropped into water.
Return the vacuum cleaner to a Sharp Authorized Servicer for examination and repair.
- 6 Do not pull or carry this vacuum cleaner by the power cord. Do not use the power cord as a handle, close a door on the cord, or pull the cord around sharp edges or corners.
Keep cord away from heated surfaces.
- 7 Never disconnect the plug by pulling on the cord. To disconnect from an outlet, grasp the plug, not the cord.
- 8 Never operate this vacuum cleaner with any air opening blocked.
Keep the air openings free of dust, lint, hair and any other similar material. When the motor pre-filter becomes dirty, rinse in warm water. Filter should be completely dry before reusing.
- 9 Never drop or insert any object into any opening.
- 10 Keep hair, face, fingers and loose clothing away from any opening, such as all moving parts.
- 11 Do not pick up lit cigarettes, hot ashes, matches or similar materials, razor blades, needles, pins or other sharp objects. Do not suck water or any other liquid.
- 12 Do not use the vacuum cleaner without the high efficiency air filter installed. Doing so can cause damage to the unit.
- 13 Before removing the plug from the outlet, push switch to "Stop".
- 14 Use extra caution when cleaning on stairs.
- 15 Never handle the plug, cord or vacuum cleaner with wet hands.
- 16 Do not use in presence of flammable or combustible liquids or fumes.
- 17 Do not place heavy objects on the vacuum cleaner.
- 18 Do not step on the hose or pull the hose forcibly.
- 19 Do not pick up large objects such as waste paper or cloth which may clog the hose.
- 20 Do not expose this vacuum cleaner to high temperatures while operating or during storage.
- 21 Store this vacuum cleaner in a dry place.
- 22 Use the carrying handle of the body to carry this vacuum cleaner.
- 23 Rewind the cord by holding the plug to prevent any injury.
- 24 Children should be supervised to ensure that they do not play with the appliance.
- 25 This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

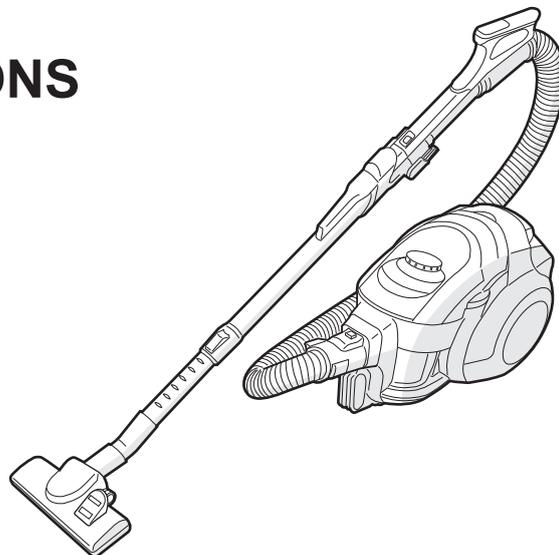
Caution : If the cord of this appliance is damaged, it must only be replaced by an Authorized Service Center appointed by SHARP in order to avoid hazard.

SAVE THESE INSTRUCTIONS

This vacuum cleaner is intended for household use only.

WARNING

Operate vacuum cleaner only at the voltage specified on nameplate.



ASSEMBLING THE VACUUM CLEANER

Page Pages within a frame show the ones where major points are explained.

Name of each section and how to assemble

Operating handle

Hand control switch Page 4

Press to start, change mode and turn off the operation.

Attach/ejector button

Remove the metal telescopic tube while pressing the button.

Dusting brush

Joint pipe

Crevice nozzle

Metal telescopic tube

Extension/contraction button Page 4

Adjust the length while sliding the button.

Fitting the brush to the metal telescopic tube.

Suction head (Floor head)

Hook (rear side)

The hose can turn 360 degrees to prevent excessive distortion.

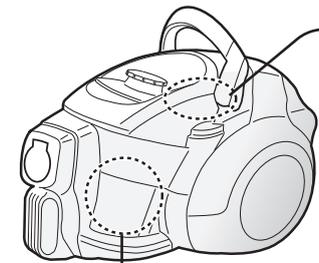
Alarm lamp /Dust disposal-time indication

Exhaust outlet

The exhaust outlet incorporates an allergy defense filter and the product main body incorporates an exhaust-air ultra high efficiency air filter. (Maintenance is unnecessary. They are not detachable.)

care is needed. They are not

care is needed. They are not



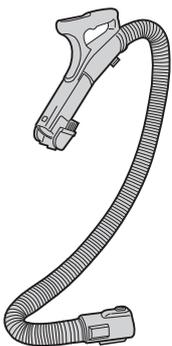
Dust cup

Page 7 ~ 11

Rotate the cup handle to open the bottom lid.

Accessories

● Hose (1 piece)



● Metal telescopic tube (1 piece)



● Floor head (1 piece)



● Air Turbine head (1 piece) (EC-S2142 only)



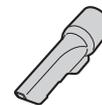
● Joint pipe (1 piece)

● Dusting brush (1 piece)

(Initially installed in the operating handle)



● Crevice nozzle (1 piece)



● Multi head (1 piece) (EC-S2142 only)



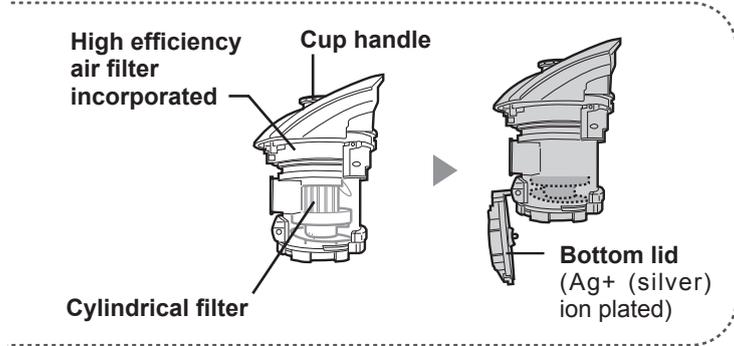
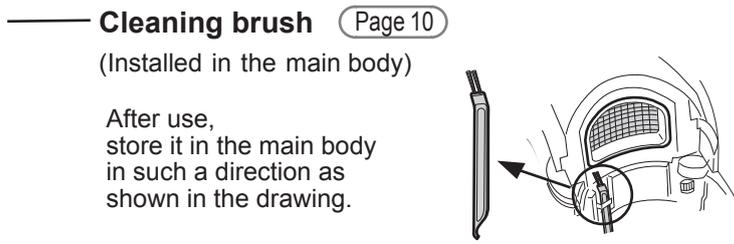
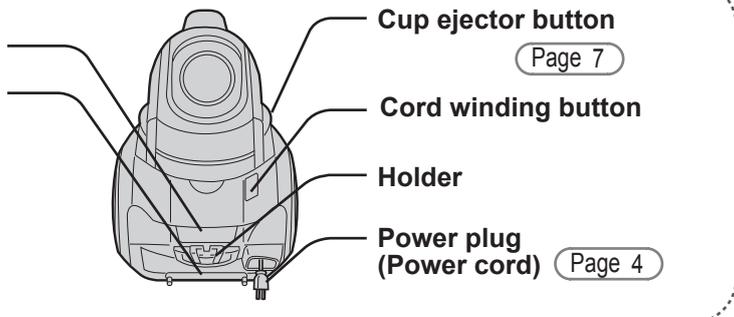
● Cleaning brush (1 piece)



(Installed in the product)

For assembly, insert each component securely until it clicks.

Assembly

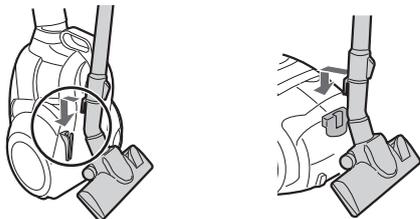


Supplied printed matters

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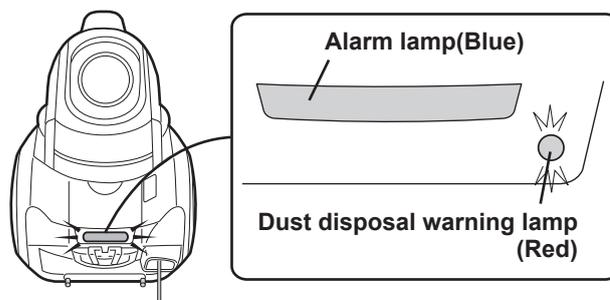
- Operation manual (1 copy)

Standing



Indication lamp/sound

The lamp and sound will let you know of the operating conditions.



Indication lamp

| Lamp & sound | | Indications |
|--------------------------------------|-------------------------------|---|
| Blue | Continuous lighting. | High mode. (Page 4) |
| | Slow-speed blinking. | Low mode. (Page 4) |
| After product operation has finished | | |
| Blue | Continuous lighting/Blinking. | The clean mechanism is in operation. (Page 6) |

Dust disposal warning lamp

| Lamp & sound | | Indications |
|---------------------------------------|---|---|
| Red | Fast blinking.  | Clean the filters. (Page 9) |
| After product operation has finished. | | |
| Red | Blinking.  | Empty the dust cup. (Dust disposal warning indication) (Page 7) |

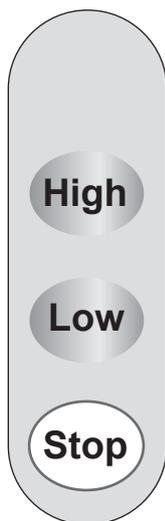
SPECIFICATIONS

| | |
|----------------------------|--|
| Power supply | 220-240V 50/60Hz |
| Power consumption | 1400W |
| Collection capacity | 0.4L |
| Weight | 7.5kg (Floor head, metal telescopic tube and hose attached, joint pipe) |
| Dimensions (mm) | Product size Width 276×Depth 456×Height 261 |
| Cord length | 4.8m |

USING THE VACUUM CLEANER

Basics of use

Hand control switch



Starting the vacuuming

High

Indication lamp

Blue 

High mode: When you want to vacuum at the maximum suction power press the High button.

(Blue: Lighting)

Low

Indication lamp

Blue 

Low mode: When you want to reduce noise, or when you want to release the head from smaller mats, press the Low button.

(Blue: Slow-speed blinking)

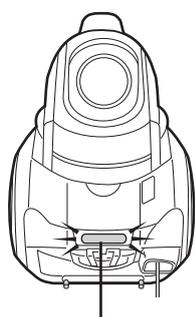
Finishing the vacuuming operation

Stop

- ▶ Vacuuming operation stops.
- ▶ The automatic cleaning mechanism activates to compress the rubbish and auto cleans the high efficiency air filter.

When you want to stop the operation of the cleaning mechanism, press the "Stop" button again.

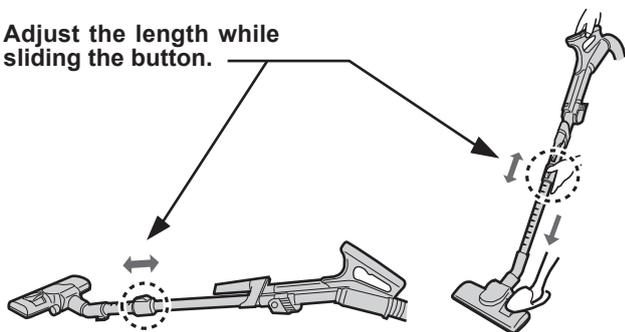
Stop



Indication lamp

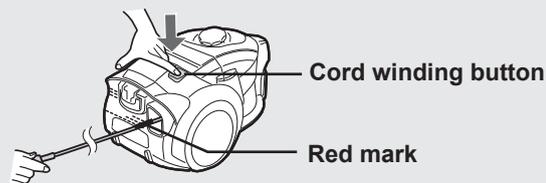
Metal telescopic tube

Adjust the length while sliding the button.



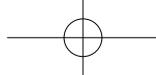
Regarding the power cord

- Do not draw out the power cord beyond the red mark limit. (There is a risk of cable disconnection.)
- When you cannot roll up the cord completely, draw it out again for a length of 1 to 2 m and attempt to roll it up again.
- When rolling up the cord, press the cord winding button firmly.



Cautions

- Do not slide the extension/contraction button while vacuuming. (There is a risk that fingers might get caught in the metal telescopic tube.)
- Do not do vacuuming without attaching the suction head or other supplementary suction tools. (There is a risk of property damage or malfunction.)



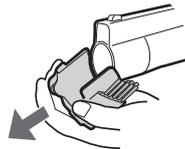
When vacuum cleaning with supplementary suction tools,
 • Do not use them for the piano etc. which are likely to be damaged.
 • Do not use them in the High mode.

Supplementary suction tools

Dusting brush

Removing the brush

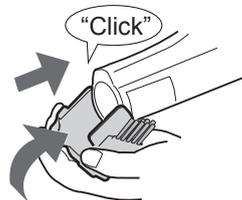
Remove it by sliding it forward.



Attaching the brush

② Insert it.

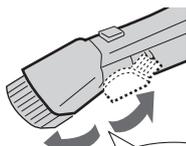
① In the direction of "→". While gently laying it on the inside edge of the pipe.



Using the brush

Turn it in the direction of the arrow.

To use it



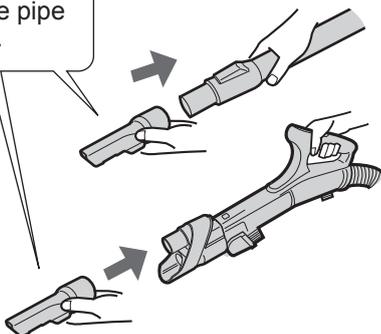
To fold it up for storage.

"Click"

Crevice nozzle

Using the nozzle

Insert it into the pipe for connection.

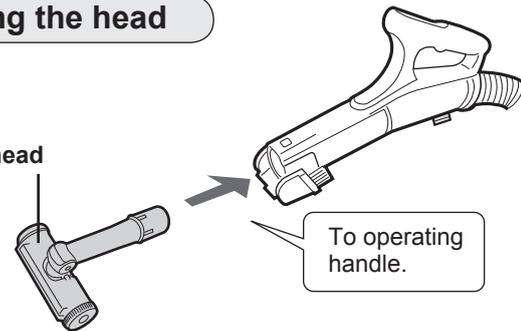


Multi head

(EC-S2142 only)

Attaching the head

Multi head



To operating handle.

Using the head

①

While pulling the head.

②

Turn the head forward and hook it on the tab.

Rubber blade (Gray)

For loose hair from pet, etc.

①

Turn the head backward and hook it on the tab.

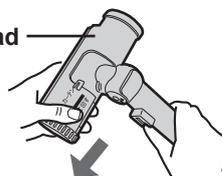
Lint brush (Red)

Useful for clothes, fabric sofas, Mattresses, car seats, etc

Storing the head

① Pull

Head



② Turn



USING THE VACUUM CLEANER

(Continued)

Various ways to use the cleaning mechanism

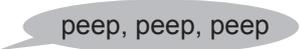
When you press the Stop button, the auto cleaning procedure will start to compress the dust to the bottom of the dust cup.

When you do not want have automatic operation of the cleaning mechanism

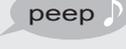
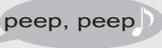
- Method 1** Stop the automatic operation. Press the Stop button again.
- Method 2** Set the product to "manual cleaning" in case the product is used just for a short time (1 minute or less).

• After vacuuming, be sure to operate the cleaning procedure manually before you put the vacuum cleaner away. (See the following.)

How to set for method 2

- 1**  **Stop** Pull the power plug and insert it into the outlet again. Do not press high/low button.
(Press and hold for 3 seconds or more) 

- 2**  **Low** Press "Low" button.

| In automatic operation | Indication lamp/sound |
|---|---|
|  Every time you press the "Stop" button, the automatic operation starts. |   (Blue : Continuous lighting) |
| In case the product is used just for a short time, the automatic operation does not start. |   (Blue : Fast-speed blinking) |

Every time you press it, the mode is changed from one to the other.

- 3**  **Stop** The setting is complete.

 - The setting remains stored even if the power plug is removed from the outlet.

When you want to operate the cleaning mechanism manually

It is most effective to do this job before emptying the dust cup or taking care of the product.





EMPTYING THE DUST CUP

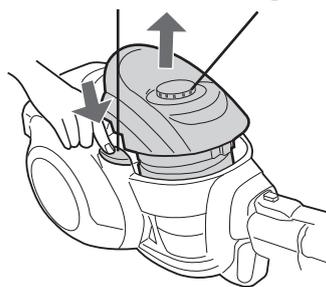
Empty the dust cup over a newspaper, trash box, etc. since the dust is likely to spill out.

Remove the dust cup from the vacuum cleaner to empty the dust cup

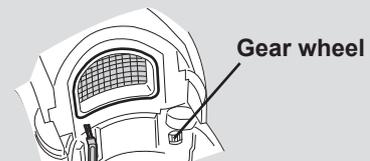
Remove the power plug from the outlet and take the dust cup out of the unit.

- ① Press the cup ejector button.
- ② Lift up the dust cup.

1



- Be careful in handling the removed dust cup set to prevent your hands and fingers from getting injured by the gear wheels.



Emptying the dust cup.

Rotate the dust cup handle in the direction of the arrow to open the bottom lid.
(The screw fin rotates and pushes out the dust.)

2

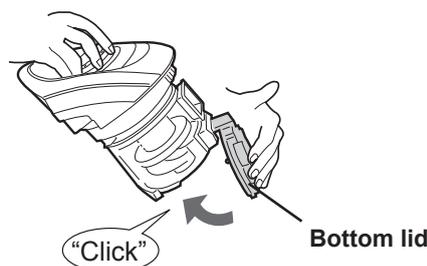


- Do not rotate the cup handle when the dust cup is popped up from the product or is being carried.
- Depending on the kind or amount of dust, it may be hard to operate the cup handle.
- If you find it hard to open the bottom lid, do the cleaning of the inside of the screw fin.

Page 10

Close the bottom lid securely.

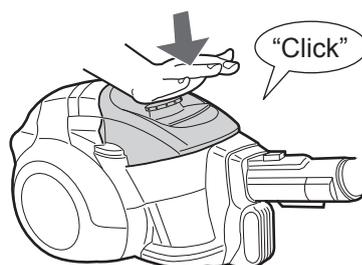
3



Install the dust cup in the product.

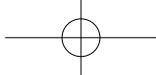
Push it firmly until it clicks.

4



- If the dust cup set is not installed in the product securely, the suction power may be reduced or the dust may enter into the motor causing malfunctions.

- To install it securely
- Remove the dust and foreign substances from the bottom of the dust-cup in the vacuum cleaner
 - After installation, lift the dust cup slightly to check that it is locked in.



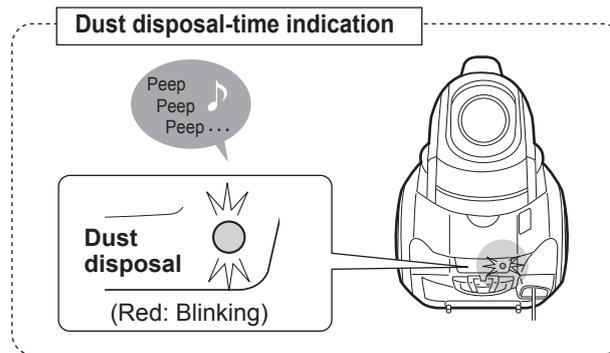
EMPTYING THE DUST CUP (Continued)

When to empty the dust cup

Empty the dust cup in the following cases. If you continue to use the product without emptying the dust cup, the dust is likely to accumulate on the cylindrical filter and cause the suction power to be reduced.

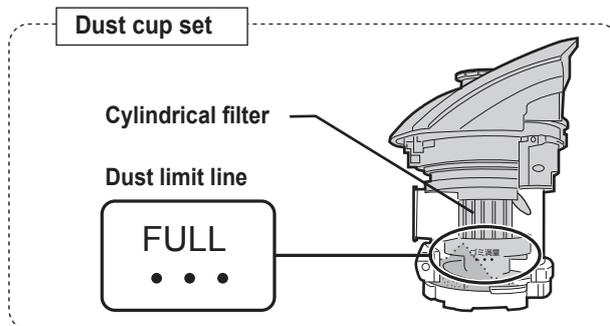
- ① When the dust-disposal warning lamp (Red) is blinking. (Dust disposal-time indication)

Indicating the time to empty the dust cup after the cleaning mechanism operation is finished. Page 3



- ② When the dust is accumulated close to the maximum limit line.

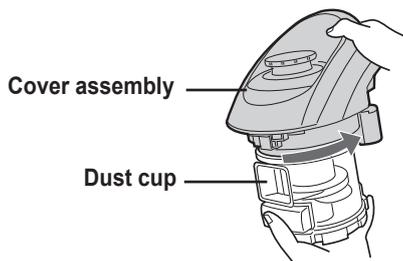
Depending on the kind of dust or use conditions, the dust may be accumulated close to the "Dust limit line" indicated on the dust cup before the dust disposal-time indication appears. In this case, empty the dust cup.



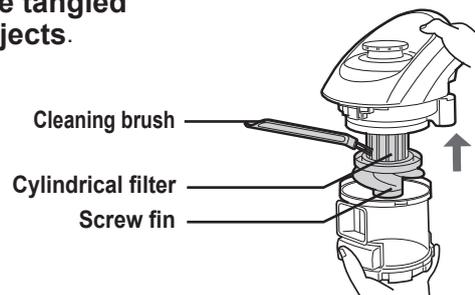
If any foreign objects are tangled in the dust cup

1

- ① Turn the cover assembly in the direction of the arrow.

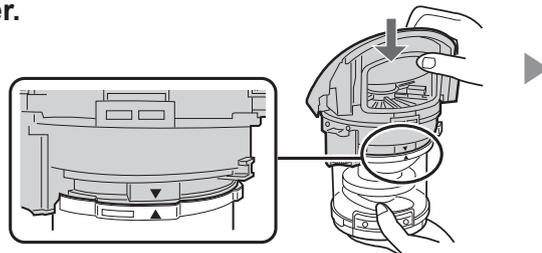


- ② Remove the cover assembly to take away those tangled foreign objects.

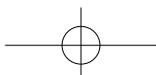
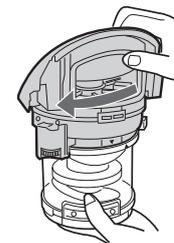


2

- ① To reassemble the dust cup set, align the position of ▼ of the cover assembly and ▲ of the dust cup so that they correspond with each other.



- ② Turn the cover assembly in the direction of the arrow to install it securely.



TAKING CARE OF THE PRODUCT

When the dust-disposal warning lamp(Red) and sound indicate

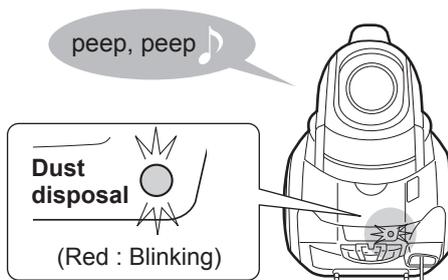
The filter is blocked up and the suction power has been reduced.

Take the following measures

- ① Stop operation and disconnect the power plug.
- ② Empty the dust cup, clean of the cylindrical filter and the high efficiency air filter. Page 9 ~ 11

If you continue to use the product without cleaning, it will come to a stop automatically.

- Wait at least 2 minutes before restarting your cleaning operation.
(If you restart the cleaning operation within 2 minutes, the warning sound may beep.)



Clean of the dust cup set also in the following cases

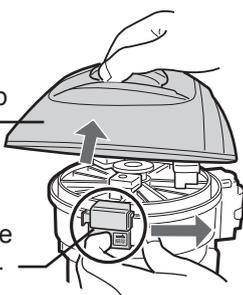
- The suction power gets reduced.
- Operation noises are changed or increased.
- The unit's body gets hot.
- Foreign objects are tangled in the cylindrical filter.
- You are worried about the dirtiness of the dust cup.
- The bottom lid of the dust cup is hard to open.
- The product has suctioned fine powder.

Dust cup (Removing each component)

1 Removing the filter cover.

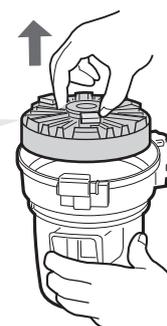
- ② Remove the cup cover.

- ① Shift the lock in the direction of release.



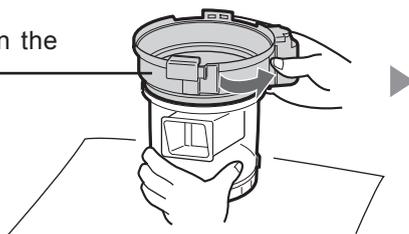
Removing the high efficiency air filter.

- Do not try to grasp the grid element to remove the filter. (There is a risk of injuries.)

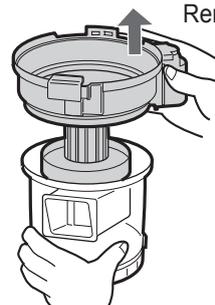


2 Removing the cup cover.

Turn the cup cover in the direction of arrow,



Remove it.



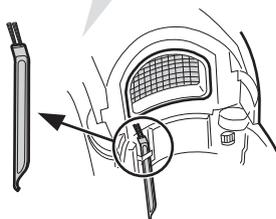
TAKING CARE OF THE PRODUCT

Clean of it over a newspaper etc.

(Continued)

Dust cup (Taking care of each component.)

Clean it with the supplied cleaning brush.



(Mounted on the product)

After use, store it in the direction shown in the drawing.

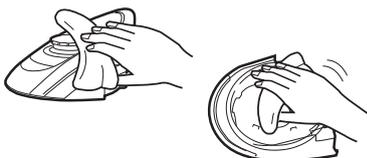
NOTE

- Do not use chemicals, warm water, etc.
- After cleaning, leave it in the breezy shade until it becomes completely dry. Do not use a drier etc. at all.

(Using the dust cup before it becomes completely dry may create a smell or cause malfunctions)

Filter cover

Wipe with cloth soaked in water or diluted neutral detergent.



High efficiency air filter

Washing with water



- Remove the dust by tapping the filter on the floor with newspapers etc. spread out, and then wash with water.

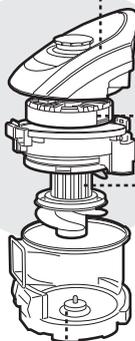
Dry completely in the shade.

Measure of drying time: For a day.



- If it is not possible to remove odor even after such efforts, soak it in a solution of 10 mL of bleach diluted with a liter of water for about 3 hours, and rinse.

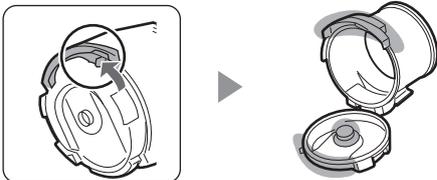
Cover assembly



Dust cup

Water or diluted neutral detergent

Dry it sufficiently after washing. Turn it upside down and press the lever located on the bottom surface to open the bottom lid.



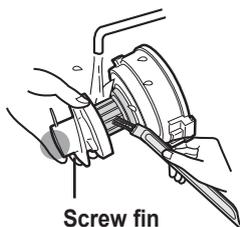
Cup cover (Cylindrical filter)

Water or diluted neutral detergent

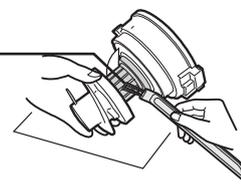
Cylindrical filter (Clean gently.)

Dry completely in the shade.

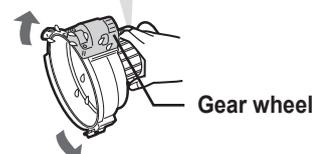
Measure of drying time: For a day.



Screw fin

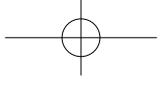


Shake it sufficiently to drain off the excess water.



Gear wheel

If it is hard to open the bottom lid, clean the section marked with • thoroughly to remove foreign objects.



Warning

Be sure to disconnect off the power plug before care and cleaning.
(electric shock and/or injuries.)

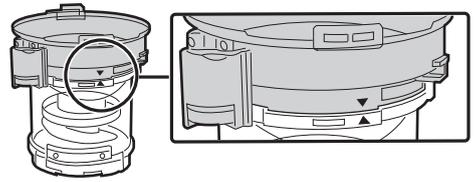
Dust cup (Installing each component.)

NOTE • Install each component securely. Otherwise you cannot finish assembling the set.

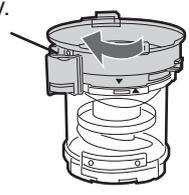
1

Putting together the dust cup and the cup cover.

① Align them so that the cup cover indicator marked with ▲ and the dust cup indicator marked with ▼ align with each other.

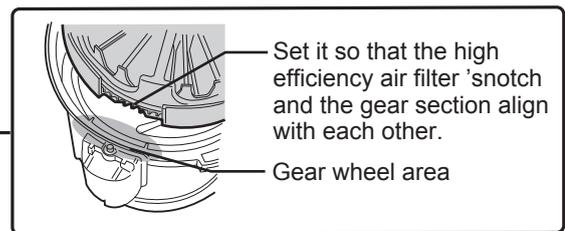
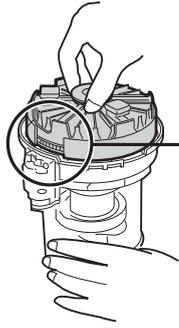


② Turn the cup cover in the direction of arrow and install it securely.



2

Installing the high efficiency air filter.

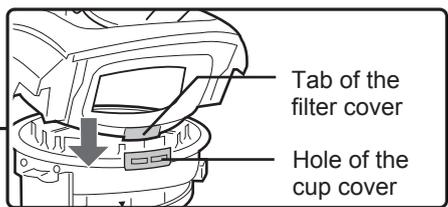


• Make sure that there is no dust or foreign object within the cup cover before installation.
(There is a risk of generating unusual noises.)

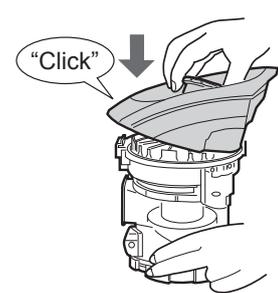
3

Installing the filter cover.

① Engage the filter cover tab in the cup cover hole.



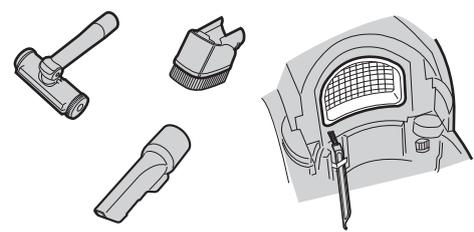
② Press it until it clicks.



Product body and supplementary suction tools

If it becomes noticeably dirty:

- When it becomes noticeably dirty, wipe it with a cloth soaked in water or diluted neutral detergent.
Do not use any items such as thinner, benzene, etc.
(There is a risk of discoloration or deform.)
- As for the supplementary suction tools, rinse and dry them sufficiently.
Drain off the excess water completely and dry them in the breezy shade sufficiently.



TROUBLESHOOTING

Before asking for repairs or making any inquiries, please check the following points.

| Problem | Check points | Action |
|--|--|---|
| Motor/Operation | | |
| Stops operating. | <ul style="list-style-type: none"> Is the cylinder type filter clogged? Is the dust cup full of dirt? Is the filter clogged? | <ul style="list-style-type: none"> Maintenance.(Page7-11) |
| | <ul style="list-style-type: none"> Are the main body, metal telescopic tube, suction head clogged? | <ul style="list-style-type: none"> Remove dust.(Page 7) |
| Motor does not turn on when the power switch is turned on. | <ul style="list-style-type: none"> Check that the power cord and plug is properly plugged into an electrical outlet. | |
| Suction power/sound | | |
| Suction power is weak. Operation sound becomes loud/changes. | <ul style="list-style-type: none"> Is the cylinder type filter clogged? Is the dust cup full of dust? Is the filter clogged? | <ul style="list-style-type: none"> Maintenance.(Page7-11) |
| | <ul style="list-style-type: none"> Are the main body, metal telescopic tube, suction head clogged? | <ul style="list-style-type: none"> Remove dust.(Page 7) |
| Smell | | |
| The main body/exhaust smells. | <ul style="list-style-type: none"> Is the dust cup full of dust? (Some kinds of dirt may cause smell.) | <ul style="list-style-type: none"> Discard dirt.(Page 7, 8) |
| | <ul style="list-style-type: none"> Is the cylinder type filter or filter dried enough? | <ul style="list-style-type: none"> Wash them again and fully dry. (Page9-11) |
| Dust cup | | |
| Difficult to set the dust cup to the main body. | <ul style="list-style-type: none"> Check for any dust blocking the bottom of the attach part of the main system. | <ul style="list-style-type: none"> Remove dust or other object. (Page 7) |
| | <ul style="list-style-type: none"> Is the dust cup properly set up? Is the filter case or filter properly set up? | <ul style="list-style-type: none"> Set the filter case and filter properly. (Page 7, 11) |
| Auto cleaning | | |
| Press the Off button and the operation starts again. | <ul style="list-style-type: none"> Is the cleaning mechanism is in automatic operation.(Page 6) | |
| The operation noise of the cleaning mechanism is unusual. | <ul style="list-style-type: none"> Did you allow the product to suck in any large solid items? | <ul style="list-style-type: none"> Remove dust.(Page 7) |
| Cord | | |
| The plug or power cord is extremely hot. | <ul style="list-style-type: none"> Is the power cord loosely plugged into the outlet? | <ul style="list-style-type: none"> Be sure to insert the power plug completely. |
| | <ul style="list-style-type: none"> Are you using an extension cord? (Under normal situation, the power cord and its plug may reach up to 40°C.) | <ul style="list-style-type: none"> Do not use an extension cord. |

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